

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



Messages Reference

Version 2 Release 1

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Note

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

Second Edition (June 2004)

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 topic describes the information contained in the Messages Reference.

This reference contains messages that can be displayed on the console or in logs for the SAN File System.

Who should use this guide

This topic describes the audience for the Messages Reference.

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

Message code conventions

This topic lists the component and subcomponent values that are used in SAN File System message IDs.

Component	Subcomponent	Subcomponent description
Metadata server		
HST	AD	Administration Service Basic Administration Messages
HST	BT	B-Tree Index Manager
HST	CC	Collection Classes
HST	CK	Server fsck
HST	CM	Cluster Manager
HST	DB	Database
HST	DP	Action Dispatcher
HST	FC	Foundation Classes
HST	FS	Free Space Map
HST	GI	Global Disk I/O Manager
HST	GM	Global Memory Manager
HST	GR	Global Root Directory Manager
HST	GS	Group Services
HST	HA	High Availability Manager
HST	IL	Server RPM
HST	IO	Direct Local Disk I/O Manager
HST	IP	Internet Protocol Services
HST	LM	Lock/Lease Manager
HST	LP	LALR Parser Generator
HST	LV	Logical Volume Manager
HST	MG	Message Formatter
HST	NC	National Language Compiler
HST	NE	Net

Component	Subcomponent	Subcomponent description
HST	NL	Server Program messages, default catalog nlsmsg
HST	NS	National Language Support
HST	OM	Object Meta-Data Manager
HST	OP	Run-Time Options Processor
HST	PC	Policy
HST	PG	Server Program
HST	SC	Standard Container Schema Manager
HST	SM	Administration Session Manager
HST	TM	Protocol Transaction Manager
HST	TP	Storage Tank™ Protocol
HST	UC	Utility
HST	VC	Version Control Manager
HST	WA	Write Ahead Log
Administrative server		
HST	AP	Provider messages
HST	AS	Script messages
HST	NP	SAN File System CIMOM providers (error messages)
HST	WU	SAN File System UI Console Scripts
Administrative agent		
CMM	CI	Administrative command line interface, CIM, and common errors to Administrative command line interface and SAN File System console
CMM	NP	SAN File System console and Administrative command line interface
CMM	NW	SAN File System console
CMM	OM	Object Manager
CMM	UI	Administrative agent UI Framework
Client — user level		
HST	CL	stfsclient command
HST	CU	Client Common User (common to all) HST HST HST HST Client HST
HST	DI, DR, ST, UM	AIX-based clients only
HST	IA	Client AIX® lpp install scripts
HST	MO	stfsmount command
HST	OP	Command Line Option Parser
Client — kernel level		
HST	AK	AIX-based client kernel
HST	CS	Client Setup perl script
HST	CW	Windows-based client
HST	SM	Client State Manager

Publications

This topic describes the publications in the SAN File System library and in related libraries.

SAN File System publications

This topic describes the publications in the SAN File System library.

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* 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 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 command-line interface or the command window on the client machines..

- *IBM TotalStorage SAN File System Basic Configuration for a Quick Start, GX27-4058*

The document walks you through basic SAN File System configuration and specific tasks that exercise basic SAN File System functions. It assumes that the physical configuration and software setup have already been completed.

- *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 support personnel.

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

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

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

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

- *IBM TotalStorage SAN File System Planning Guide, GA27-4344*

This publication provides detailed procedures to plan the installation and configuration of SAN File System.

- *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.

SAN File System related publications

These publications are related to SAN File System.

- *IBM TotalStorage[®] Subsystem Device Driver User's Guide*, SC26-7637

Web sites

This topic discusses any Web sites that offer additional, up-to-date information about SAN File System.

The following Web sites have additional 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 Command *command_name* resulted in an internal server error (error number *return_code*). View the log file for details.

Explanation

An unexpected value was returned for this command.

Action

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 might be causing this error.
2. Run the command again.
3. If the problem persists, contact your service representative.

CMMCI9003W No *object_name* instances found in the 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*, but *object_name* does not exist.

Action

Make sure that the object with the attributes that you are modifying exists.

CMMCI9005I There is nothing to modify.

Explanation

You are attempting to modify the attributes for an object, but the values that you specified are already defined for that object.

Action

If you need to modify the attributes for an object, run the command again. Ensure that you are specifying different attribute values.

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

Explanation

You are attempting to list all occurrences of an object, but no instances of that object meeting your search criteria were found.

Action

If the search criteria that you specified was correct, no action is required. Otherwise, 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

Ensure that you are running this command on an existing object.

CMMCI9008I Unsupported command *command_name* completed successfully.

Explanation

The command *command_name* is not a supported command. However, 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

Make sure that you are running 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 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. 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. 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 that 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 that 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 that 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 in 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 in 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 that 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.

CMMCI9048E The date provided: *date_value* is invalid. Tip: Correct format for the date field is YYYY-MM-DD

Explanation

The value entered for the date specifier is invalid.

Action

The format of the date field is YYYY-MM-DD. Check that the valued entered follows this format and is a valid date.

CMMCI9049E You must specify one flag from the following group when issuing this command: *param_group*.

Explanation

It is required that one of the parameters specified in the grouping is provided for this command.

Action

Restate the command with the correct list of required parameters.

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 that was 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 correctly.

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.

Action

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

CMMCI9907E Host URL was not specified to the CIMOM server.

Explanation

The host name identifying the CIMOM server was not provided. Without this information, it cannot communicate with the metadata server.

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. Because of this, the CIMOM server cannot communicate with the metadata server.

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

Run the task again. If the error persists, contact your service representative.

CMMNP5002I 0k.**Explanation**

The command completed successfully.

Action

No action needed.

CMMNP5003E The feature is not supported in the current release.**Explanation**

The action performed is not supported with the current release of the product.

Action

Upgrade to a version that supports the action, or stop using this feature.

CMMNP5004E Access failed.**Explanation**

Action failed due to invalid permissions, or being unable to find a device.

Action

Verify that the access permissions are correct, and then try the action again.

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 this order to resolve the problem:

1. View the administrative log and correct any problems that might be related to the failure of the command.
 2. View the cluster log and correct any errors that might be related to the failure of the command.
 3. 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 perform the task again.

CMMNP5008E Index error.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5009E Insufficient space.**Explanation**

You are attempting to perform an operation on an object, and the object requires more space than what 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 the cluster log for status information and report details.

Explanation

The SAN File System has detected corruption in the metadata.

Action

Perform these actions in this order to resolve 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

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 this order to resolve the problem:

1. View the administrative log and correct any problems that might be related to the I/O failure.
2. View the cluster log and correct any errors that might 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. The requested operation is not allowed on the default storage pool or policy.

Action

Perform the operation against a different 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 the metadata server. Make sure that the metadata server is online.**Explanation**

The master metadata server could not communicate with a subordinate metadata server.

Action

Make sure that the subordinate metadata server is online. If the problem continues, contact your service representative.

CMMNP5019E Your current user permissions do not allow running *variable_method*.**Explanation**

A required parameter for the command was detected as missing. This is usually caused by the user not having sufficient privileges to access the element using a command.

Action

Make sure you have sufficient access privileges for modifying the system in the capacity that you are attempting. Run the command again.

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 exist.

CMMNP5021E No memory.

Explanation

The SAN File System is out of dynamic memory.

Action

Perform these actions in this order to resolve the problem:

1. View the cluster log and correct any errors that might be related to this problem.
2. 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 fileset to be attached. The fileset on which you are performing this operation is not currently attached.

Action

Make sure the fileset 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 these actions in this order to resolve the 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 *variable_method* cannot be performed because the server or cluster is in an incompatible state (not viable). Tip: Some configuration settings require that the you restart the server or cluster to activate a previous change. If that is not the case, be sure that you are not attempting to reattach a fileset with a directory name that is also in the directory path of the attach point.

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 fileset and the directory name of the fileset 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 this 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 filesets (filesets) which are not available.

Action

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

CMMNP5028E Policy syntax error.**Explanation**

An error was encountered while validating the policy.

Action

Correct the error identified with the policy in question and resubmit.

CMMNP5029E Is root.**Explanation**

You are attempting to perform an operation on the root fileset, but this operation is not allowed on the root fileset.

Action

Perform this operation on a fileset other than the root fileset.

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.

Action

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

CMMNP5032E Transaction failed.**Explanation**

The operation that you are performing failed because of other concurrent administrative activity that is occurring.

Action

Perform these actions in this order 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**

The command provided is unknown.

Action

Do not use this command.

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 fileset because the fileset is already attached or has nested filesets.

Action

Detach all nested filesets and detach this fileset before attempting to perform this operation.

CMMNP5039I End of iteration.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5040E Iteration identifier 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.

CMMNP5041E File not found.**Explanation**

The administrative server could not find the specified log.

Action

Perform these actions in this order 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 metadata 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 in this order 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 might be related to the availability of the metadata servers in the cluster.
3. View the administrative log and resolve any problems that might 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 fileset. You cannot create a FlashCopy image of the fileset 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 fileset before creating the new image.

CMMNP5045E Directory exists.**Explanation**

You are attempting to perform an operation on a FlashCopy image or a 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

Attempts to scan the disk failed.

Action

Manually check the target hardware for access problems.

CMMNP5050E Disk not found.**Explanation**

The requested disk could not be found.

Action

Provide an available disk.

CMMNP5051E Disk access denied.**Explanation**

Access to the requested disk has been denied.

Action

Fix the reason for the access violation and attempt the call again.

CMMNP5052E Not labeled.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5053E Already labeled.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5054E Disk not viable.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5055E Duplicate master.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5056E Not the master disk.**Explanation**

This is not the master disk.

Action

Provide the master disk.

CMMNP5057E Wrong disk identifier.**Explanation**

The identifier for the disk is incorrect.

Action

Provide the correct disk identifier and attempt the call again.

CMMNP5058E Access denied.**Explanation**

Access to the object was denied.

Action

Determine and fix the reason(s) for the access problem and attempt the call again.

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

No additional information is available for this message.

Action

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

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 cancelled this metadata check.

Action

If you intended 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.
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 fileset, but the metadata server to which the fileset is assigned is offline. The operation cannot be completed.

Action

Attempt to change the state of the metadata server to online. Alternatively, you can assign the fileset to another metadata server.

CMMNP5068E Could not save the server restart service state.

Explanation

No additional information is available for this message.

Action

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

CMMNP5069E Could not become the master 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.

CMMNP5070E *variable_method* already in progress.**Explanation**

An upgrade is already in progress.

Action

No action required.

CMMNP5071E *variable_class* already up to date.**Explanation**

The committed software version is the same as the upgrade version.

Action

No action required.

CMMNP5072E Either not all metadata servers in the cluster are the same version or not all SANFS clients connected are at compatible versions.**Explanation**

All the metadata servers must be at the same software version for the operation to succeed. Also, any connected SANFS client must have a software version compatible to the current metadata server version.

Action

Make sure that the current software version of all the metadata servers is the same. If they are not, then bring all metadata servers in the cluster to the same software version prior to reattempting the operation. Also check all the SANFS clients that are connected to the metadata server are at compatible software versions. You must shutdown those clients that are not compatible. Retry the operation.

CMMNP5073E Could not communicate with the RSA II card.**Explanation**

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

Action

Perform these actions in this order to resolve the problem:

1. Verify that the RSA II adapter for the engine is functioning correctly.
2. Verify that there is connectivity to the RSA II 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 fileset. This error could occur if you are attempting to switch from a soft quota to a hard quota for a fileset and the change would cause a violation of the hard quota.

Action

If you are attempting to modify a hard quota for a fileset, make sure that the percentage of the fileset 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 the cluster log for completion status and report details.

Explanation

Metadata Checker detected and repaired corruption(s) successfully. Completion status and report details are written to the cluster log.

Action

For complete details refer to the cluster log.

CMMNP5076E Metadata server configuration parameters do not match.

Explanation

No additional information is available for this message.

Action

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

CMMNP5077E One or more configuration parameters are 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.

CMMNP5078E *variable_class* name *variable_object_name* 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.

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

Specify a different 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 that 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**

The storage pool was deleted successfully.

Action

No action is required.

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 that 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 fileset because it is currently referenced by the active policy.

Action

To delete this fileset, 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 fileset.

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, select 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 specify 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

The default storage pool was set successfully.

Action

No action is required.

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, select 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

Select another storage pool to set as the default storage pool.

CMMNP5094I *variable_class variable_object_name* was modified successfully.

Explanation

The storage pool was changed successfully.

Action

No action is required.

CMMNP5095E Cannot change the description of system *variable_class*.

Explanation

No additional information is available for this message.

Action

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

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 in this order 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 correctly.
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 detected a label that recognizes the LUN (as represented by the device name) as potentially a part of another SAN File System.

Action

Perform these actions in this order 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 detected a label that recognizes the LUN (as represented by the device). It might 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.

Action

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

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 not viable. 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 select another LUN.

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

Explanation

No additional information is available for this message.

Action

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

CMMNP5103E *variable_class* name *variable_object_name* already exists.

Explanation

An attempt was made to create a volume with a name that already exists as a volume.

Action

Attempt to create the new volume with a different name, or remove the old volume prior to creating the new one.

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

The volume was deleted successfully.

Action

No action is required.

CMMNP5107E Access denied for *variable_object_name*.**Explanation**

The user that attempted to delete a volume did not have the correct permissions to access the volume.

Action

Remove the volume as a user that has permission to that volume.

CMMNP5108E Access failed for *variable_object_name*.**Explanation**

No additional information is available for this message.

Action

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

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

No additional information is available for this message.

Action

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

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 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 remove 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 existing 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 fileset 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 fileset that is assigned to an offline metadata server. The deletion cannot be completed.

Action

Change the state of the metadata server to online. Alternatively, you can assign the fileset to another metadata server.

CMMNP5114I 0k.

Explanation

No additional information is available for this message.

Action

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

CMMNP5115E Access denied for *variable_object_name*.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5116E Access failed for *variable_object_name*.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5117E *variable_class variable_object_name* is in the system pool.**Explanation**

No additional information is available for this message.

Action

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

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 contains characters that are not supported.

Action

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 with the new name already exists.

Action

Specify a different name for the volume.

CMMNP5120I *Ok.***Explanation**

No additional information is available for this message.

Action

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

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

No additional information is available for this message.

Action

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

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

No additional information is available for this message.

Action

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

CMMNP5123I *`variable_class` `variable_object_name` activated.***Explanation**

The volume was reactivated successfully.

Action

No action is required.

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

No additional information is available for this message.

Action

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

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

No additional information is available for this message.

Action

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

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 activate 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**

The volume was suspended successfully.

Action

No action is required.

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

No additional information is available for this message.

Action

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

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

No additional information is available for this message.

Action

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

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 currently an active volume. You can only suspend active volumes.

Action

No action is required.

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

The volume was changed successfully.

Action

No action is required.

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

Explanation

The fileset was attached successfully.

Action

No action is required.

CMMNP5135E **Attach directory *variable_dir* 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.

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

Explanation

You cannot attach the fileset to the directory directory because a directory with the same name already exists in the directory path. When attaching a fileset, 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

Attach the fileset again, specifying a directory name that does not currently exist.

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

Explanation

You cannot attach the 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 fileset to the attach point.

Action

Perform one of these actions to resolve the problem:

- Ensure that the attach point exists and attempt to attach the fileset again.
- Attach the fileset to an attach point that exists.

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

Explanation

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

Action

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

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

Explanation

You cannot attach the fileset because it is already attached to another location.

Action

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

CMMNP5140I *variable_class* *variable_fileset_name* assigned to metadata server *variable_server*.

Explanation

The metadata server associated with the fileset was changed successfully.

Action

No action is required.

CMMNP5141E The fileset is already assigned to the same metadata server.

Explanation

You are attempting to change the metadata server to which a fileset is assigned. The selected fileset is already assigned to the target metadata server.

Action

If you want to assign the fileset to that metadata server, no action is required. Otherwise, attempt to assign the fileset to a different metadata server.

CMMNP5142E You cannot modify the metadata server to which the root fileset is assigned.

Explanation

The root fileset is always assigned to the master metadata server. You cannot modify this assignment.

Action

Do not attempt to change the metadata server to which the root fileset 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 in this order 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 The command to assign Fileset *variable_class* *variable_fileset_name* to metadata server *variable_server* failed as it conflicts with the current state or other activity in the cluster.

Explanation

The administrative server is currently executing administrative processes and will not allow you to perform this operation at this time. Another possible reason is that the cluster is in partly quiescent or fully quiescent state.

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. Also make sure that the cluster is in either online or offline state.

CMMNP5145E Metadata server *variable_server_name* does not exist.**Explanation**

You cannot change the assignment of the fileset to the metadata server *server_name* because a metadata server with that name does not exist.

Action

Make sure that you perform this operation on an existing metadata server. To 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 not running. The target metadata server must be in one of the following states: online, offline, or not running.

Explanation

No additional information is available for this message.

Action

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

CMMNP5147I *variable_class variable_fileset_name* was created successfully.**Explanation**

The fileset was created successfully.

Action

No action is required.

CMMNP5148E The fileset *variable_fileset_name* already exists.**Explanation**

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

Action

Specify a different name for the fileset that you are creating.

CMMNP5149E Attach point *variable_attach* does not exist.**Explanation**

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

Action

Attempt to create the fileset again, specifying an attach point that currently exists.

CMMNP5150E Subordinate 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.

CMMNP5151E The transaction failed.**Explanation**

The fileset cannot be created because there is other concurrent administrative activity occurring.

Action

Perform these actions in this order 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 fileset, but the directory you specified (which will be the root of the fileset directory tree) already exists. The SAN File System creates the directory when it creates the fileset, so the directory cannot already exist.

Action

Attempt to create the fileset 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 fileset to the metadata server *server_name* because a metadata server with that name does not exist.

Action

Make sure that you assign the fileset 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 Fileset *variable_fileset_name* was removed successfully.**Explanation**

The fileset was deleted successfully.

Action

No action is required.

CMMNP5155E Fileset *variable_fileset_name* is not empty. Tip: Use `-f` to delete the files and remove the fileset.**Explanation**

You cannot delete the fileset because it contains files.

Action

Perform one of the following actions to remove the fileset

- Make sure the fileset is empty by moving all files to another fileset or deleting the file.
- Force the deletion of the fileset. Note that if you force the deletion of the fileset, all files and directories in the fileset will also be deleted.

CMMNP5156E The fileset *variable_fileset_name* cannot be deleted. It is referenced by the current active policy set.**Explanation**

You cannot detach the fileset because clients are currently accessing data within the fileset.

Action

Perform one of these actions to resolve the problem

- Wait until clients are no longer accessing files in the fileset before attempting to detach it.

- Force the detachment of the fileset. Note that if you force the detachment of the fileset, the files and directories in the fileset will be deleted, even those currently being accessed.

CMMNP5157E You cannot remove the root fileset.**Explanation**

The root fileset must always be assigned to the master metadata server. You cannot remove the root fileset.

Action

Do not attempt to remove the root fileset.

CMMNP5158I Fileset *variable_fileset_name* detached.**Explanation**

The fileset was detached successfully.

Action

No action is required.

CMMNP5159E Fileset *variable_fileset_name* cannot be detached because there are nested filesets that are still attached.**Explanation**

You cannot detach this fileset because nested filesets are still attached to it.

Action

Detach all nested filesets that are attached to this fileset. Then attempt to detach this fileset again.

CMMNP5160E The fileset *variable_fileset_name* cannot be detached. It is currently referenced by active clients.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5161E Fileset *variable_fileset_name* is not attached.**Explanation**

You cannot detach the fileset because it is not currently attached. You can only detach filesets that are currently attached.

Action

No action is required.

CMMNP5162E You cannot detach the root fileset.

Explanation

The root fileset must always be assigned to the master metadata server. You cannot detach the root fileset.

Action

Do not attempt to detach the root fileset.

CMMNP5163E Fileset *variable_fileset_name* is not detached. Detach the fileset before removing the fileset.

Explanation

You cannot remove the fileset because it is not detached.

Action

Detach the fileset and remove it.

CMMNP5164I Fileset *variable_fileset_name* moved to directory *variable_attach*.

Explanation

The fileset was moved successfully.

Action

No action is required.

CMMNP5165E Fileset *variable_new_name* already exists.

Explanation

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

Action

Specify a different name for the fileset. Alternatively, you can detach and delete the existing fileset with that name.

CMMNP5166I Fileset *variable_fileset_name* was modified successfully.

Explanation

The fileset was changed successfully.

Action

No action is required.

CMMNP5167E Current fileset 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 fileset, but the current size of the fileset 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 fileset currently being used does not exceed the hard quota limit.

CMMNP5168I *variable_class variable_object_name* on fileset *variable_fileset* 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.

Action

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

CMMNP5170E *variable_class variable_object_name* already exists for fileset *variable_fileset*.

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 Fileset *variable_fileset_name* not found.

Explanation

You are attempting to create a FlashCopy image of a fileset, but no fileset with the name *fileset_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 fileset 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 in this order 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

Create the FlashCopy image again, but 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 fileset *variable_fileset* already contains the maximum number of *variable_classss* (32) and -f is not specified.

Explanation

No additional information is available for this message.

Action

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

CMMNP5175E Incompatible operation.

Explanation

No additional information is available for this message.

Action

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

CMMNP5176I *variable_class variable_object_name* for fileset *variable_fileset* successfully deleted.

Explanation

The FlashCopy image was deleted successfully.

Action

No action is required.

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 might result in application errors.

CMMNP5178E *variable_class variable_image_name* not found for fileset *variable_fileset*.

Explanation

You are attempting to delete a FlashCopy image, but no image with 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 in this order 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.

Action

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

CMMNP5181E *variable_class variable_image_name* not found for fileset *variable_fileset*.

Explanation

No additional information is available for this message.

Action

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

CMMNP5182I The *variable_class variable_object_name* successfully reverted.

Explanation

The FlashCopy was reverted successfully.

Action

No action is required.

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

Explanation

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

Note: Filesets can have multiple images. If a client is accessing files in any of the images between the current fileset 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 fileset to the FlashCopy image again.
- Attempt to revert the fileset to another FlashCopy image.
- Attempt to force the reversion of the fileset to the selected FlashCopy image. Note that if you specify a forced reversion, any open files associated with the fileset will be lost, which can result in application errors.

CMMNP5184E *variable_class* *variable_image_name* not found for fileset *variable_fileset*.

Explanation

You are attempting to revert a fileset to a FlashCopy image, but no image with the name *image_name* exists.

Action

Revert the fileset to an existing FlashCopy image.

CMMNP5185E The transaction failed.

Explanation

The attempt to revert the fileset to the FlashCopy image could not be completed because of other concurrent administrative activity that is occurring.

Action

Perform these actions in this order 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 fileset *variable_fileset* has nested filesets. Tip: Use the `detachfileset` command to remove nested filesets before attempting to `reverttoimage`.

Explanation

You cannot revert to a FlashCopy image for the fileset because it currently has nested filesets.

Action

Detach any nested filesets. Then attempt to revert this fileset to a FlashCopy image.

CMMNP5187E Incompatible operation.

Explanation

No additional information is available for this message.

Action

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

CMMNP5188E *variable_class variable_image_name* for fileset *variable_fileset* 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.

CMMNP5189I *variable_class variable_name* is now the active policy.

Explanation

The FlashCopy was activated successfully.

Action

No action is required.

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.

Action

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

CMMNP5191E *variable_class variable_name* references unavailable pools or filesets.

Explanation

No additional information is available for this message.

Action

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

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 filesets (filesets) that are not available.

Action

Make sure all of the storage pools and filesets 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 specified for this policy already exists.

Action

If you want to create a new policy using this name, you must first delete the existing policy with 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 only modify those policies that are not active.

Action

To modify the currently active policy, you must first activate another policy. Activating the other policy 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.

Action

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

**CMMNP5198E Could not create the *policy policy_name* because of a syntax error. ''offending_line'' generated this error message:
*error_msg*****Explanation**

A syntax error was detected during the attempted creation of the policy.

Action

Correct the syntax error that was reported and try to create the policy again.

CMMNP5199I Policy *variable_name* was removed successfully.**Explanation**

The policy was deleted successfully.

Action

No action is required.

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. Activating another policy 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 0k.

Explanation

The rules for the policy were accessed successfully.

Action

No action is required.

CMMNP5203E Not viable

Explanation

No additional information is available for this message.

Action

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

CMMNP5204I 0k.

Explanation

Information for the cluster was accessed successfully.

Action

No action is required.

CMMNP5205I Metadata server *variable_IP_address* on port *variable_port* was added to the cluster successfully.

Explanation

The metadata server was added successfully.

Action

No action is required.

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

Explanation

No additional information is available for this message.

Action

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

CMMNP5207E The attempt to add metadata 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 this order to resolve the problem:

1. View the administrative log and correct any problems that might be related to adding the metadata server.
2. View the cluster log and correct any errors that might 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

An invalid parameter was passed into the addserver command.

Action

Check the values of the parameters provided for validity and attempt the call again.

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

The upgrade was committed successfully.

Action

No action is required.

CMMNP5211E A cluster upgrade is already in progress.**Explanation**

No additional information is available for this message.

Action

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

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

No additional information is available for this message.

Action

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

CMMNP5213E Either not all metadata servers in the cluster are the same version or not all SANFS clients connected are at compatible versions.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5214I Metadata server *variable_server_name* dropped from the cluster.**Explanation**

The metadata server was dropped successfully.

Action

No action is required.

CMMNP5215E The dropserver command is not supported. Tip: Upgrade your SAN File System and run the dropserver command again.**Explanation**

The dropserver command is not supported in this version of SAN File System.

Action

Upgrade your SAN File System and run the dropserver command again.

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

Explanation

The attempt to drop the metadata server at *server_name* could not complete successfully.

Action

Perform these actions in this order to resolve the problem:

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

CMMNP5217E The metadata server is currently hosting filesets manually assigned to it. Tip: Use the *setfilesetserver* command or the *autofilesetserver* command to reassign filesets to another 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.

CMMNP5218E Invalid parameter detected for the dropserver command.

Explanation

No additional information is available for this message.

Action

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

CMMNP5219E The metadata server *variable_server_name* is not defined as part of the cluster.**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**

The metadata check performed successfully.

Action

No action is required.

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.

Action

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

CMMNP5223E A parameter is not valid. Tip: Check the fileset list values for validity.

Explanation

No additional information is available for this message.

Action

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

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 cancelled the metadata check.

Explanation

A metadata check was in progress, but a stop metadata check request has cancelled 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.**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.

Action

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

CMMNP5229I Cluster successfully in quiescent state.**Explanation**

The cluster was successfully set to quiescent state.

Action

No action is required.

CMMNP5230E The command quiescecluster is not supported in this administrative server.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5231E The attempt to quiesce the cluster failed.**Explanation**

An attempt to quiesce the cluster could not complete successfully.

Action

Perform these actions in this order to resolve the problem:

1. View the administrative log and correct any problems that might be related to quiescing the cluster.
2. View the cluster log and correct any errors that might 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.

Action

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

CMMNP5233I Cluster successfully returned to the online state.**Explanation**

Cluster successfully returned to the online state.

Action

No action is required.

CMMNP5234E The command resumeclass is not supported on this administrative server.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5235E The attempt to resume the cluster failed.**Explanation**

The attempt to resume the cluster could not complete successfully.

Action

Perform these actions in this order to resolve the problem:

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

CMMNP5236I Cluster started successfully.

Explanation

Cluster started successfully.

Action

No action is required.

CMMNP5237E The command startcluster is not supported on this administrative server.

Explanation

No additional information is available for this message.

Action

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

CMMNP5238E The attempt to start the cluster failed.

Explanation

The attempt to start the cluster could not complete successfully.

Action

Perform these actions in this order to resolve the problem:

1. View the administrative log and correct any problems that might be related to starting the cluster.
2. View the cluster log and correct any errors that might 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 cancelled.

Explanation

Metadata check cancelled successfully.

Action

No action is required.

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

Cluster shutdown successfully.

Action

No action is required.

CMMNP5243E The command stopcluster is not supported on this 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.

CMMNP5244E The attempt to stop the cluster failed.

Explanation

The attempt to stop the cluster could not complete successfully.

Action

Perform these actions in this order to resolve the problem:

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

CMMNP5245I Metadata server *variable_server_name* is the new master server.

Explanation

The master metadata server was changed successfully.

Action

No action is required.

CMMNP5246E The setmaster command must be issued from a subordinate metadata server, not the current master metadata 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 metadata 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 Metadata server *variable_server_name* started successfully.

Explanation

The metadata server was started successfully.

Action

No action is required.

CMMNP5249E The command startserver is not supported in this 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.

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 this order to resolve the problem:

1. View the administrative log and correct any problems that might be related to starting the metadata server.
2. View the cluster log and correct any errors that might 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 Metadata server *variable_server_name* stopped gracefully.

Explanation

The metadata server was stopped successfully.

Action

No action is required.

CMMNP5253E The command stopserver is not supported on this 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.

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 this order to resolve the problem:

1. View the administrative log and correct any problems that might be related to stopping the metadata server.
2. View the Cluster log and correct any errors that might 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.

Action

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

CMMNP5256I 0k.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5257I The audit log was cleared.**Explanation**

The audit log was cleared successfully.

Action

No action is required.

CMMNP5258I 0k.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5259E The audit log could not be found.**Explanation**

The administrative server could not find the audit log.

Action

Perform these actions in this order 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 0k.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5262E The audit log could not be found.**Explanation**

The administrative server could not find the audit log.

Action

Perform these actions in this order 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 0k.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5265E The audit log could not be found.**Explanation**

The administrative server could not find the audit log.

Action

Perform these actions in this order 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 0k.

Explanation

No additional information is available for this message.

Action

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

CMMNP5268E The audit log could not be found.

Explanation

The administrative server could not find the audit log.

Action

Perform these actions in this order 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

View 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.

Action

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

CMMNP5271I No entries in the audit log were returned. Tip: If you are using filter criteria, broaden the scope of the filter option and try again.**Explanation**

The query for audit log records returned no entries.

Action

If you are using filter criteria, broaden the scope of the filter option and try again.

CMMNP5272I The administrative log was cleared.**Explanation**

The administrative log was cleared successfully.

Action

No action is required.

CMMNP5273I 0k.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5274E The administrative log could not be found.**Explanation**

The administrative server could not find the administrative log.

Action

Perform these actions in this order 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 0k.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5277E The administrative log could not be found.**Explanation**

The administrative server could not find the administrative log.

Action

Perform these actions in this order 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 0k.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5280E The administrative log could not be found.

Explanation

The administrative server could not find the administrative log.

Action

Perform these actions in this order 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 0k.

Explanation

No additional information is available for this message.

Action

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

CMMNP5283E The administrative log could not be found.

Explanation

The administrative server could not find the administrative log.

Action

Perform these actions in this order 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.

Action

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

CMMNP5286I No entries in the admin log were returned. Tip: If you are using filter criteria, broaden the scope of the filter option and try again.**Explanation**

The query for message log records returned no entries.

Action

If you are using filter criteria, broaden the scope of the filter option and try again.

CMMNP5287I The security log was cleared.**Explanation**

The security log was cleared successfully.

Action

No action is required.

CMMNP5288I Ok.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5289E The security log could not be found.**Explanation**

The administrative server could not find the security log.

Action

Perform these actions in this order to resolve the problem:

1. Wait a few minutes and attempt to display the security log again.
2. View 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

View the administrative log and resolve any problems related to displaying this log.

CMMNP5291I Ok.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5292E The security log could not be found.**Explanation**

The administrative server could not find the security log.

Action

Perform these actions in this order to resolve the problem:

1. Wait a few minutes and attempt to display the security log again.
2. View 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

View the administrative log and resolve any problems related to displaying this log.

CMMNP5294I 0k.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5295E The security log could not be found.**Explanation**

The administrative server could not find the security log.

Action

Perform these actions in this order to resolve the problem:

1. Wait a few minutes and attempt to display the security log again.
 2. View 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

View the administrative log and resolve any problems related to displaying this log.

CMMNP5297I 0k.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5298E The security log could not be found.**Explanation**

The administrative server could not find the security log.

Action

Perform these actions in this order to resolve the problem:

1. Wait a few minutes and attempt to display the security log again.
2. View 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

View 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.

Action

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

CMMNP5301I No entries in the security log were returned. Tip: If you are using filter criteria, broaden the scope of the filter option and try again.**Explanation**

The query for security log records returned no entries.

Action

If you are using filter criteria, broaden the scope of the filter option and try again.

CMMNP5302I The cluster log was cleared.**Explanation**

All entries in the cluster message log were cleared successfully.

Action

No action is required.

CMMNP5303I 0k.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5304E The cluster log could not be found.**Explanation**

The administrative server could not find the cluster message log.

Action

Perform these actions in this order 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

View the administrative log and resolve any problems related to displaying this log.

CMMNP5306I 0k.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5307I End of Iteration

Explanation

No additional information is available for this message.

Action

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

CMMNP5308E The cluster log could not be found.

Explanation

The administrative server could not find the cluster message log.

Action

Perform these actions in this order 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 0k.

Explanation

No additional information is available for this message.

Action

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

CMMNP5311E The cluster log could not be found.

Explanation

The administrative server could not find the cluster message log.

Action

Perform these actions in this order to resolve the problem:

1. Wait a few minutes and attempt to display the cluster message log again.
2. View 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

View the administrative log and resolve any problems related to displaying this log.

CMMNP5313I 0k.

Explanation

No additional information is available for this message.

Action

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

CMMNP5314E The cluster log could not be found.

Explanation

The administrative server could not find the cluster message log.

Action

Perform these actions in this order to resolve the problem:

1. Wait a few minutes and attempt to display the cluster message log again.
2. View 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

View 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.

Action

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

CMMNP5317I No entries in the cluster log were returned. Tip: If you are using filter criteria, broaden the scope of the filter option and try again.**Explanation**

The query for cluster log records returned no entries.

Action

If you are using filter criteria, broaden the scope of the filter option and try again.

CMMNP5318I 0k.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5319E The event log could not be found.**Explanation**

The administrative server could not find the event log.

Action

Perform these actions in this order to resolve the problem:

1. Wait a few minutes and attempt to display the event log again.
2. View 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

View the administrative log and resolve any problems related to displaying this log.

CMMNP5321I 0k.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5322E The event log could not be found.**Explanation**

The administrative server could not find the event log.

Action

Perform these actions in this order to resolve the problem:

1. Wait a few minutes and attempt to display the event log again.
 2. View 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

View the administrative log and resolve any problems related to displaying this log.

CMMNP5324I 0k.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5325E The event log could not be found.**Explanation**

The administrative server could not find the event log.

Action

Perform these actions in this order to resolve the problem:

1. Wait a few minutes and attempt to display the event log again.
2. View 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

View the administrative log and resolve any problems related to displaying this log.

CMMNP5327I Ok.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5328E The event log could not be found.**Explanation**

The administrative server could not find the event log.

Action

Perform these actions in this order to resolve the problem:

1. Wait a few minutes and attempt to display the event log again.
2. View 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

View 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.

Action

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

CMMNP5331I No entries in the event log were returned. Tip: If you are using filter criteria, broaden the scope of the filter option and try again.

Explanation

The query for event log records returned no entries.

Action

If you are using filter criteria, broaden the scope of the filter option and try again.

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

Cluster successfully modified.

Action

Restart the cluster for all changes to apply.

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.

Action

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

CMMNP5335I The cluster was modified successfully.

Explanation

The cluster was modified successfully.

Action

No action is required.

CMMNP5336I The cluster was modified successfully.

Explanation

No additional information is available for this message.

Action

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

CMMNP5337E 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.

Action

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

CMMNP5338I SNMP trap event level was set successfully.

Explanation

The event level for generating SNMP traps was set successfully.

Action

No action is required.

CMMNP5339I SNMP manager was added successfully.**Explanation**

The SNMP manager was added successfully.

Action

No action is required.

CMMNP5340E 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.

CMMNP5341E 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.

Action

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

CMMNP5342E You have exceeded the number of SNMP managers that can be assigned.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5343I SNMP manager *variable_manager_id* was removed successfully.**Explanation**

The SNMP manager was removed successfully.

Action

No action is required.

CMMNP5344E SNMP manager *variable_manager_id* 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.

CMMNP5345E 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.

Action

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

CMMNP5346E SNMP manager *variable_manager_id* 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.

CMMNP5347E The operation submitted to *variable_class* *variable_engine_name* is not supported.

Explanation

No additional information is available for this message.

Action

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

CMMNP5348E 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 in this order to resolve the problem:

1. Verify that the RSA adapter for the engine is functioning correctly, 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.

CMMNP5349E The *variable_class_name* *variable_engine_name* is already started.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5350E The *variable_class_name* *variable_engine_name* is already stopped.**Explanation**

No additional information is available for this message.

Action

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

CMMNP5351E 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 in this order to resolve the problem:

1. Verify that the RSA adapter for the engine is functioning correctly.
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.

CMMNP5352I A restart request has been sent to *variable_class* *variable_engine_name* **Tip: Run the `lsengine` command for current *variable_class_name* status.**

Explanation

The engine was restarted successfully.

Action

No action is required.

CMMNP5353I 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.

CMMNP5354E 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.

CMMNP5355I Ok.

Explanation

No additional information is available for this message.

Action

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

CMMNP5356I 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.

CMMNP5357E 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.

CMMNP5358I The diagnostic file was created successfully for *variable_class* *variable_engine_name*. **Tip:** See `/usr/tank/0BDC` to read the diagnostic files.

Explanation

The diagnostic file was created successfully.

Action

No action is required.

CMMNP5359I Disaster recovery file *variable_file_name* was created successfully.

Explanation

The disaster recovery file was created successfully.

Action

No action is required.

CMMNP5360E 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

Create the disaster recovery file again, using a name that does not currently exist. You can also force the creation of a disaster recovery file with the name `file_name`, which will overwrite the existing disaster recovery file.

CMMNP5361E 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, create a disaster recovery file again.

CMMNP5362I 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.

CMMNP5363I 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.

CMMNP5364E 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. 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 build the disaster recovery script files again.

CMMNP5365I The automatic restart service for metadata server *variable_server_name* successfully disabled.

Explanation

The automatic restart service was successfully disabled.

Action

No action is required.

CMMNP5366E 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

No action is required. The automatic restart service is already disabled.

CMMNP5367I 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.

CMMNP5368E 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.

CMMNP5369E Incompatible operation. The *variable_class_name* *variable_engine_name* is currently OFFLINE.

Explanation

An attempt was made to restart an offline engine. Offline engines can only be started, not restarted.

Action

An engine needs to be online to be restarted. Offline engines can only be started.

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

Explanation

The SAN File System metadata 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 SAN File System is executing other administrative processes that are preventing the SAN File System from executing the given request.

Action

Wait several minutes and attempt to perform the operation again.

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

Explanation

The SAN File System metadata 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 SAN File System is executing other administrative processes that are preventing the SAN File System from executing the given request.

Action

Wait several minutes and attempt to perform the operation again.

CMMNP5372E Incompatible operation. The metadata server is busy performing another administrative request.

Explanation

The SAN File System metadata 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 SAN File System is executing other administrative processes that are preventing the SAN File System from executing the given request.

Action

Wait several minutes and attempt to perform the operation again.

CMMNP5373E *variable_class* name *variable_new_name* is not valid. It contains unsupported characters.

Explanation

You are attempting to rename a fileset, but the new name you have specified contains characters that are not supported.

Action

Attempt to create the fileset 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.

CMMNP5374E Fileset *variable_fileset_name* is not detached. Detach the fileset before removing it.

Explanation

You cannot remove the fileset because it is not detached.

Action

Detach the fileset and then attempt to remove it.

CMMNP5375E A metadata check is being stopped, but has not 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.

Action

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

CMMNP5376E 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.

Action

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

CMMNP5377E Metadata server stopped and exited after starting.

Explanation

CIMOM started the SAN File System metadata server, but detected that the metadata server has exited. CIMOM will attempt to start the metadata server again four times. If the server cannot be started within the limited number of retries, the autorestart facility will be disabled.

Action

Determine the reason why SAN File System metadata server is not remaining operational. When the problem is corrected, you can enable autorestart.

CMMNP5378I Privileged client access successfully granted for *variable_client_name*.

Explanation

System privileged access was successfully granted to the client.

Action

No action is required.

CMMNP5379E Privileged client *variable_client_name* already exists.

Explanation

The client name supplied for granting privileged system access already has this access.

Action

Run `statcluster -config` to view currently defined privileged clients.

CMMNP5380I Privileged client access successfully removed for *variable_client_name*.

Explanation

System privileged access was successfully removed from the client.

Action

No action is required.

CMMNP5381E Privileged client *variable_client_name* does not exist.

Explanation

The attempt to remove privileged access from the client name provided failed because no client with that name was found to have those access rights.

Action

Run `statcluster -config` to view currently defined privileged clients.

CMMNP5382E Cannot perform the specified operation on the system volume.

Explanation

The specified command and/or parameter is not allowed on volumes belonging to the SYSTEM storage pool.

Action

Determine if the target volume is a system volume or not. If it is a system volume, certain optional parameters are not allowed. Identify these parameters and reissue the command without the identified parameters. Alternately, a system volume is specified instead of a user volume. Reissue the command with the right user volume.

CMMNP5383E Device not found.

Explanation

You cannot perform the specified operation because the device 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 device.

CMMNP5384E The specified client cannot be found.**Explanation**

You cannot perform the specified operation because the client you specified is not in the active client list.

Action

Make sure that the specified client is an active SAN File System client and reissue the command.

CMMNP5385E The specified client is either not available or not responding.**Explanation**

The specified operation failed because the SAN File System metadata server could not communicate with the client that you specified.

Action

Make sure that the specified client is an active SAN File System client and reissue the command.

CMMNP5386E There was an I/O failure with the specified client.**Explanation**

The operation failed because the specified client could not perform the necessary I/O.

Action

Make sure that the specified SAN File System client has the correct access to the underlying device. Reissue the command.

CMMNP5387E The specified client does not support the requested operation.**Explanation**

The SAN File System metadata server relies on the client to perform certain operations in order for the issued command to succeed. The operation failed because the specified client could not perform the necessary operation requested by the SAN File System metadata server. This can happen when the version of the protocol supported by a client is older than the required version.

Action

Make sure that the specified SAN File System client is the right version. Reissue the command.

CMMNP5388E Detected and corrected by metadata checker.**Explanation**

The SAN File System metadata checker was active after the situation has occurred. The metadata checker noticed the discrepancy and corrected the problem.

Action

No action is required.

CMMNP5389I *variable_class variable_object_name* was expanded successfully.**Explanation**

The volume was expanded successfully.

Action

No action is required.

CMMNP5390E Volume expansion was not performed because the size of the volume is current.**Explanation**

The size of the underlying LUN for the target volume is found to be matching with the current size of the volume.

Action

Make sure that the size of the underlying LUN is increased first and reissue the command.

CMMNP5391E Cannot specify a client name parameter for the system volume.**Explanation**

A SAN File System client is not needed to expand the size of volumes belonging to the SYSTEM storage pool. Therefore, the client_name parameter is not allowed for system volume.

Action

Determine if the target volume is a system volume or not. If it is a system volume. Reissue the command without specifying the client_name parameter. Alternately, a system volume is specified instead of a user volume. Reissue the command with the correct user volume.

CMMNP5392E The underlying logical unit device (LUN) is not found.**Explanation**

If the volume specified is a system volume, the SAN File System master metadata server could not access the underlying LUN device to carry out the specified operation. If the volume specified is a user volume, the specified client could not access the underlying LUN device to perform the specified operation. If the volume specified is a user volume and a client is not specified, the SAN File System master metadata server could not access the underlying LUN device to perform the specified operation.

Action

For system volumes, make sure that the underlying LUN for a volume is accessible and reissue the command. For user volumes, make sure you specify a client that can access the underlying LUN and reissue the command. For user volumes that are specified without a client, select a client that can access the underlying LUN and reissue the command.

CMMNP5393E Volume expansion was not performed because the size was expanded by the metadata checker.**Explanation**

The SAN File System metadata checker was active after the underlying LUN for the volume was expanded. The metadata checker has noticed the increase in size of the LUN and expanded the size of the volume accordingly. It is not necessary to issue this command.

Action

No action is required.

CMMNP5394E The file *variable_file_path* was not found.**Explanation**

The file name provided does not exist.

Action

Provide a valid file name.

CMMNP5395E Cannot run the statfile command because a cluster transition is in progress. Tip: Wait a few minutes and run statfile again.**Explanation**

The cluster transition is in progress.

Action

Reissue this command.

CMMNP5396E The fileset serving this file is offline. Tip: Wait a few minutes and run statfile again.

Explanation

This file belongs to a container whose metadata server is currently offline.

Action

No action is required.

CMMNP5397E You must upgrade the cluster before running statfile.

Explanation

The metadata server does not support this operation mainly because it might be running an older version of SAN File System.

Action

Upgrade SAN File System and reissue this command.

CMMNP5398E A directory specified for the file *variable_file_path* was not found.

Explanation

One of the non-leaf elements in the file path specified is not a directory.

Action

Provide a valid directory name.

CMMNP5399E Unsupported metadata server operation.

Explanation

The metadata server does not support this operation mainly because it might be running an older version of SAN File System.

Action

Update your SAN File System.

CMMNP5400E Invalid directory.

Explanation

The directory specified is invalid.

Action

Edit the directory and attempt again.

CMMNP5401E The master metadata server could not communicate with the subordinate metadata server *variable_server_name*. Tip: Wait a few minutes and try again.

Explanation

This indicates that the master metadata server failed to communicate with the metadata server being dropped.

Action

This condition is usually transient. Wait a few minutes and try again.

CMMNP5402I Automatic metadata server assignment for fileset *variable_fileset_name* is enabled.

Explanation

No additional information is available for this message.

Action

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

CMMNP5403E Metadata server change transaction failed.

Explanation

The metadata server assignment for the fileset could not be changed because of other concurrent administrative activity that is occurring.

Action

Perform these actions in this order 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.

CMMNP5404E The command to automatically assign Fileset *variable_class variable_fileset_name* to a metadata server failed as it conflicts with the current state or other activity in the cluster.

Explanation

The administrative server is currently executing administrative processes and will not allow you to perform this operation at this time. Another possible reason is that the cluster is in partly quiescent or fully quiescent state.

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. Also make sure that the cluster is in either online or offline state.

CMMNP5405E Cluster or metadata server is not in a valid state.
Tip: The current metadata server must be either offline or not running. The target metadata server must be in one of the following states: online, offline, or not running.

Explanation

No additional information is available for this message.

Action

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

CMMNP5406I The LDAP configuration was modified successfully.

Explanation

No additional information is available for this message.

Action

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

CMMNP5407I Cluster port settings on metadata server *variable_server_name* successfully modified. Restart the metadata server for all changes to apply.

Explanation

No additional information is available for this message.

Action

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

CMMNP5408I Cluster port settings on metadata server *variable_server_name* successfully modified. Restart the metadata server to apply all changes.

Explanation

No additional information is available for this message.

Action

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

CMMNP5409I The automatic restart service configuration was successfully modified.

Explanation

The automatic restart service configuration was successfully modified.

Action

No action is required.

CMMNP5410I The LUNs have been rediscovered. Tip: Run `ls lun` to view the LUNs.

Explanation

The LUNs have been rediscovered successfully.

Action

Run `ls lun` to view the LUNs.

CMMNP5411E The LUN ID specified by the `-lun` flag is in incorrect format.

Explanation

The LUN ID specified by the `-lun` flag is in incorrect format.

Action

Correct the formatting of the provided LUN ID and attempt the call again.

CMMNP5412I The default storage pool is now disabled. Files must match a policy rule to be created or saved.

Explanation

The usage of the default pool is disabled successfully.

Action

No action is required.

CMMNP5413E The default storage pool is already disabled.

Explanation

The usage of the default pool is already disabled. There is no enabled storage pool that is of the user default pool type.

Action

Run `lspool` command to list all pools and their types.

CMMNP5414E Rogue Client.

Explanation

There was a communication failure with the specified client when the client was performing an I/O operation. It is not possible to determine if the I/O will succeed.

Action

Check if there are any hung SAN File System client processes on the client machine. If there are hung processes, the SAN File System client machine will need to be rebooted. Reissue the command after the client machine has been rebooted.

CMMNP5415E Invalid LUN ID Format.

Explanation

The LUN ID provided is formatted incorrectly.

Action

Check that the format for the LUN ID is correct and resubmit.

CMMNP5416E Fileset *variable_rule* was not found.

Explanation

This fileset could not be found.

Action

Find the fileset.

CMMNP5417E Metadata server *variable_server_name* does not exist.**Explanation**

The targeted metadata server *server_name* does not exist.

Action

You can retrieve the list of available metadata servers using the `lsserver` command. Use one of the metadata servers listed as your target entry.

CMMNP5418E Attempt to add metadata server *variable_IP_address* on port *variable_port* to the cluster was unsuccessful.**Explanation**

The metadata server was unable to add the metadata server specified to the cluster.

Action

Make sure the IP address and Port values are correct for the target metadata server and attempt this call again.

CMMNP5419E User name does not have sufficient privileges to run the command `addprivclient`.**Explanation**

The user name that you are using does not have sufficient privileges to run the command `addprivclient`. 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.

CMMNP5420E User name does not have sufficient privileges to run the command `rmprivclient`.**Explanation**

The user name that you are using does not have sufficient privileges to run the command `rmprivclient`. 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.

CMMNP5421E User name does not have sufficient privileges to run the command `chclusterconfig`.

Explanation

The user name that you are using does not have sufficient privileges to run the command `chclusterconfig`. 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.

CMMNP5422E The metadata server name *server_name* is not available. Check metadata server status with `lsserver` command. When run on a subordinate engine this command will display only the local metadata server; you will need to log into the master engine to view all metadata servers.

Explanation

A subordinate engine will only access the current metadata server. To access remote metadata servers, you must log into the master engine.

Action

Use the `lsserver` command to list known metadata servers. If you are running on a subordinate, you can locate the master engine with the `statcluster` command. Log into the correct engine and reissue the command.

CMMNP5423E Metadata server *variable_server_name* does not exist.

Explanation

The targeted metadata server *server_name* does not exist.

Action

You can retrieve the list of available metadata servers by using the `lsserver` command. Use one of the metadata servers listed as your target entry.

CMMNP5424E Metadata server name or I.P. address *variable_IP_address* and port *variable_port* already exist.

Explanation

Unable to add the specified metadata server to the cluster. One reason could be that a subordinate metadata server with the same name as the one being added already exists in the cluster. The second possible reason is that a subordinate metadata server with the same IP address and port combination as the one being added already exists in the cluster.

Action

Make sure that the server name for the metadata server being added is unique among all of the metadata servers in the cluster. Also make sure that the combined values of IP address and Port for the metadata server being added is unique among all of the metadata servers in the cluster. Run the command again.

CMMNP5425E Specify a SAN File System client to perform the operation.

Explanation

The SAN File System metadata server needs a SAN File System client that can access the underlying device to successfully execute the operation.

Action

Retry the command with a SAN File System client specified.

CMMNP5426I *variable_class variable_object_name* was created successfully.

Explanation

The volume was created successfully.

Action

No action is required.

CMMNP5427E Access denied for *variable_lun* specified by -lun.

Explanation

The SAN File System could not access the specified LUN.

Action

Perform these actions in this order to resolve the problem:

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

CMMNP5428E SAN File System label already exists on the LUN *variable_lun*, 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 being part of the current SAN File System installation.

Action

Perform these actions in this order 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.

CMMNP5429E SAN File System label already exists on the LUN *variable_lun*. Use `-f` to overwrite the SAN File System label on *variable_lun*.

Explanation

The SAN File System has detected a label that recognizes the LUN. It might be part of another SAN File System.

Action

Make sure that the LUN 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.

CMMNP5430E Volume name *variable_vol_name* is not valid. It contains unsupported characters.

Explanation

You are attempting to create a volume, but the name you have specified 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.

CMMNP5431E Parameters for volume *variable_object_name* are not valid.

Explanation

One of the parameters you specified is not valid.

Action

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

CMMNP5432E Input/output for LUN *variable_lun* specified by **-lun** failed.

Explanation

There was an I/O failure on the specified LUN while trying to create a volume.

Action

View the appropriate log files (the cluster log and the administrative log if the specified LUN was to be made a Meta Data Volume, or the system log if the specified LUN was to be made a User Volume) and correct any problems that may be related to the I/O failures. If the problem persists contact your support representative.

CMMNP5433E *variable_class* name *variable_object_name* already exists.

Explanation

An attempt was made to create a volume with a name that already exists as a volume.

Action

Attempt to create the new volume with a different name, or remove the old volume prior to creating the new one.

CMMNP5434E The LUN specified by **-lun** is not valid. The LUN *variable_lun* does not exist.

Explanation

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

Action

Make sure that you specify a valid LUN when creating a volume.

CMMNP5435E 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.

CMMNP5436E Disk not viable.

Explanation

The LUN 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.
- 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 correctly and attempt to create the volume again. Alternatively, you can select another LUN.

CMMNP5437E Client name is not valid.

Explanation

The client that was specified to create the volume is not in the active client list.

Action

Make sure that the specified client is an active SAN File System client and reissue the command.

CMMNP5438E Client is not available or not responding.

Explanation

The SAN File System metadata server could not communicate with the client that was specified to create the volume. This may be due to network problems.

Action

Make sure that the specified client is an active SAN File System client and reissue the command.

CMMNP5439E An I/O operation on the client failed.

Explanation

The operation failed because the specified client could not perform the necessary I/O when creating the volume.

Action

Make sure that the specified SAN File System client has the correct access to the underlying device. Reissue the command.

CMMNP5440E The specified client *variable_client* does not support the requested operation.

Explanation

When a client name is specified during the creation of a volume, the SAN File System metadata server relies on the client to execute the command. The operation failed because the specified client could not perform the necessary operation requested by the SAN File System metadata server. This can happen when the version of the protocol supported by a client is older than what is required.

Action

Make sure that the specified SAN File System client is the correct version. Reissue the command.

CMMNP5441E The metadata server does not have access to the specified LUN. Tip: Use the *-client* parameter.

Explanation

The SAN File System metadata server does not have access to the LUN. A client that has access to the LUN must be specified in order to create the volume.

Action

Determine which of the active clients have access to the specified LUN. Reissue the command using the *-client* parameter.

CMMNP5442I *variable_class variable_object_name* was removed successfully.

Explanation

The volume was deleted successfully.

Action

No action is required.

CMMNP5443E Access denied for *variable_object_name*.

Explanation

An attempt to delete a volume lacked the required permissions to access the volume.

Action

Attempt to remove the volume as a user that has permission to that volume.

CMMNP5444E Access failed for *variable_object_name*.**Explanation**

Removing the volume failed due to invalid permissions, or being unable to find a device.

Action

Verify the access permissions are correct and reissue the command.

CMMNP5445E *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.

CMMNP5446E Input/output failed on `rmvol`.**Explanation**

There was an I/O failure on the specified LUN while trying to remove a volume.

Action

View the appropriate logs files (the cluster log and the administrative log if the specified LUN was to be made a Meta Data Volume, or the system log if the specified LUN was to be made a User Volume) and correct any problems that might be related to the I/O failures. If the problem persists contact your support representative.

CMMNP5447E `rmvol` must be issued from the primary administrative server.**Explanation**

You are attempting to delete a volume from a subordinate metadata server. Volumes can only be deleted from the primary administrative server.

Action

Issue the command from the primary administrative server.

CMMNP5448E *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.

CMMNP5449E There is not enough space on other volumes to move the volume contents.

Explanation

When you remove 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.

CMMNP5450E The *variable_class* *variable_object_name* has files from a fileset 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 fileset that is assigned to an offline metadata server. The deletion cannot be completed.

Action

Attempt to change the state of the metadata server to online. Alternatively, you can assign the fileset to another metadata server.

CMMNP5451E Cannot specify a client name parameter for the system volume.

Explanation

You do not need a client to remove a volume that belongs to the SYSTEM storage pool.

Action

Determine if the target volume is a system volume or not. If it is a system volume, only the SAN File System metadata server can delete the volume. Reissue the command without the client name.

CMMNP5452E The specified client *variable_client* cannot be found.

Explanation

The client that was specified to delete the volume is not in the active client list.

Action

Make sure that the specified client is an active SAN File System client and reissue the command.

CMMNP5453E The specified client *variable_client* is either not available or not responding.

Explanation

The SAN File System metadata server could not communicate with the client that was specified to remove the volume. This might be due to network problems.

Action

Make sure that the specified client is an active SAN File System client and reissue the command.

CMMNP5454E There was an I/O failure with the specified client *variable_client*

Explanation

The operation failed because the specified client could not perform the necessary I/O when deleting the volume.

Action

Make sure that the specified SAN File System client has the required access to the underlying device. Reissue the command.

CMMNP5455E The metadata server does not have access to the specified volume. Tip: Use the *-client* parameter.

Explanation

The SAN File System metadata server does not have access to the volume that is being removed. A client that has access to the volume must be specified in order to delete it.

Action

Determine which of the active clients has access to the specified volume. Reissue the command using the -client parameter.

CMMNP5456E Error sending message to metadata server. Tip: make sure the metadata server is installed and is running.

Explanation

The master metadata server was not able to communicate with the subordinate metadata server at the given IP address.

Action

Make sure the subordinate metadata server has been installed and is in the Not Added state. Also verify that you have selected the correct IP address and that your network is working correctly. If the problem continues, contact your service representative.

CMMNP5457E Storage pool creation failed due to administrative resource contention. Tip: wait a few minutes and try again.

Explanation

The administrative server is currently executing administrative processes and will not allow you to create a storage pool 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.

CMMNP5458E An Error was returned by the remote CIM agent. Tip: Refer to admin log for more details.

Explanation

The master CIM agent was not able to communicate with the subordinate CIM agent. This may be because the subordinate CIM agent is no longer operational or it can no longer be reached from the master CIM agent.

Action

Make sure the subordinate CIM agent has been installed and is currently operational. Also verify that the subordinate host can be reached from the master host. If the problem continues, contact your service representative.

CMMNP5459E The revert failed because the FlashCopy image contained incomplete files.**Explanation**

You cannot revert the 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 fileset to another FlashCopy image.

CMMNP5460E Command failed as filesets are in grace period.**Explanation**

SAN File System is in a grace period to allow existing clients to reassert their locks. Grace period is in effect immediately following a cluster or server restart. Administrative operations are not allowed during this grace period. The requested administrative command failed since it directly or indirectly involved operations on filesets. The length of the grace period depends on the lease interval and the grace period multiplier configuration parameters. The default value for the grace period is 40 seconds.

Action

Please retry the command after the grace period, generally after 40 seconds.

CMMNW5001E Unexpected error. Run the task again. If the problem continues, contact your service representative.**Explanation**

The system encountered an unexpected error.

Action

Run the task again. If the error persists, contact your service representative.

CMMNW5002E The feature is not supported in the current release.**Explanation**

The action performed is not supported with the current release of the product.

Action

Upgrade to a version that supports the action, or stop using this feature.

CMMNW5003E Access failed.**Explanation**

Action failed due to invalid permissions, or being unable to find a device.

Action

Verify that the access permissions are correct, and then try the action again.

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 this order to resolve the problem:

1. View the administrative log and correct any problems that might be related to the failure of the command.
2. View the cluster log and correct any errors that might be related to the failure of the command.
3. 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 perform the task again.

CMMNW5007E Index error.**Explanation**

No additional information is available for this message.

Action

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

CMMNW5008E Insufficient space.

Explanation

You are attempting to perform an operation on an object, and the object requires more space than what 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 the cluster log for status information and report details.

Explanation

The SAN File System has detected corruption in the metadata.

Action

Perform these actions in this order to resolve 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

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 this order to resolve the problem:

1. View the administrative log and correct any problems that might be related to the I/O failure.
2. View the cluster log and correct any errors that might 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. The requested operation is not allowed on the default storage pool or policy.

Action

Perform the operation against a different 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 the metadata server. Make sure that the metadata server is online.

Explanation

The master metadata server could not communicate with a subordinate metadata server.

Action

Make sure that the subordinate metadata server is online. If the problem continues, contact your service representative.

CMMNW5018E Your current user permissions do not allow you to perform this action.

Explanation

A required parameter for the command was detected as missing. This is usually caused by the user not having sufficient privileges to access the element using a command.

Action

Make sure you have sufficient access privileges for modifying the system in the capacity that you are attempting. Run the command again.

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 exist.

CMMNW5020E No memory.**Explanation**

The SAN File System is out of dynamic memory.

Action

Perform these actions in this order to resolve the problem:

1. View the cluster log and correct any errors that might be related to this problem.
2. 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 fileset to be attached. The fileset on which you are performing this operation is not currently attached.

Action

Make sure the fileset 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 these actions in this order to resolve the 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 fileset and the directory name of the fileset 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 this 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 filesets (filesets) which are not available.

Action

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

CMMNW5027E Policy syntax error.**Explanation**

An error was encountered while validating the policy.

Action

Correct the error identified with the policy in question and resubmit.

CMMNW5028E Is root.

Explanation

You are attempting to perform an operation on the root fileset, but this operation is not allowed on the root fileset.

Action

Perform this operation on a fileset other than the root fileset.

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.

Action

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

CMMNW5031E Transaction failed.

Explanation

The operation that you are performing failed because of other concurrent administrative activity that is occurring.

Action

Perform these actions in this order 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**

The command provided is unknown.

Action

Do not use this command.

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 fileset because the fileset is already attached or has nested filesets.

Action

Detach all nested filesets and detach this fileset before attempting to perform this operation.

CMMNW5038I End of iteration.**Explanation**

No additional information is available for this message.

Action

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

CMMNW5039E Iteration identifier 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.

CMMNW5040E File not found.**Explanation**

The administrative server could not find the specified log.

Action

Perform these actions in this order 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 metadata 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 in this order 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 might be related to the availability of the metadata servers in the cluster.
3. View the administrative log and resolve any problems that might 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 fileset. You cannot create a FlashCopy image of the fileset 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 fileset before creating the new image.

CMMNW5044E Directory exists.

Explanation

You are attempting to perform an operation on a FlashCopy image or a 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 `lsserver` 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**

Attempts to scan the disk failed.

Action

Manually check the target hardware for access problems.

CMMNW5049E Disk not found.**Explanation**

The requested disk could not be found.

Action

Provide an available disk.

CMMNW5050E Disk access denied.**Explanation**

Access to the requested disk has been denied.

Action

Fix the reason for the access violation and attempt the call again.

CMMNW5051E Not labeled.**Explanation**

No additional information is available for this message.

Action

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

CMMNW5052E Already labeled.**Explanation**

No additional information is available for this message.

Action

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

CMMNW5053E Disk not viable.**Explanation**

No additional information is available for this message.

Action

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

CMMNW5054E Duplicate master.**Explanation**

No additional information is available for this message.

Action

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

CMMNW5055E Not the master disk.**Explanation**

This is not the master disk.

Action

Provide the master disk.

CMMNW5056E Wrong disk identifier.**Explanation**

The identifier for the disk is incorrect.

Action

Provide the correct disk identifier and attempt the call again.

CMMNW5057E Access denied.**Explanation**

Access to the object was denied.

Action

Determine and fix the reason(s) for the access problem and attempt the call again.

CMMNW5058E The metadata server ran out of space in the system pool.**Explanation**

No additional information is available for this message.

Action

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

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 cancelled this metadata check.

Action

If you intended 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. 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 fileset, but the metadata server to which the fileset is assigned is offline. The operation cannot be completed.

Action

Attempt to change the state of the metadata server to online. Alternatively, you can assign the fileset to another metadata server.

CMMNW5067E Could not save the server restart service state.

Explanation

No additional information is available for this message.

Action

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

CMMNW5068E Could not become the master 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.

CMMNW5069E Already in progress.

Explanation

An upgrade is already in progress.

Action

No action required.

CMMNW5070E Already up to date.

Explanation

The committed software version is the same as the upgrade version.

Action

No action required.

CMMNW5071E Either not all metadata servers in the cluster are the same version or not all SANFS clients connected are at compatible versions.

Explanation

All the metadata servers must be at the same software version for the operation to succeed. Also, any connected SANFS client must have a software version compatible to the current metadata server version.

Action

Make sure that the current software version of all the metadata servers is the same. If they are not, then bring all metadata servers in the cluster to the same software version prior to reattempting the operation. Also check all the SANFS clients that are connected to the metadata server are at compatible software versions. You must shutdown those clients that are not compatible. Retry the operation.

CMMNW5072E Could not communicate with the RSA II card.

Explanation

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

Action

Perform these actions in this order to resolve the problem:

1. Verify that the RSA II adapter for the engine is functioning correctly.
2. Verify that there is connectivity to the RSA II 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 fileset. This error could occur if you are attempting to switch from a soft quota to a hard quota for a fileset and the change would cause a violation of the hard quota.

Action

If you are attempting to modify a hard quota for a fileset, make sure that the percentage of the fileset 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 the cluster log for completion status and report details.**Explanation**

Metadata Checker detected and repaired corruption(s) successfully. Completion status and report details are written to the cluster log.

Action

For complete details refer to the cluster log.

CMMNW5075E Metadata server configuration parameters do not match.**Explanation**

No additional information is available for this message.

Action

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

CMMNW5076E One or more configuration parameters are 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.

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.

Action

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

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.

Action

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

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 that 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

Specify a different 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 that 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 that 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 fileset because it is currently referenced by the active policy.

Action

To delete this fileset, 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 fileset.

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, select 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 attempting 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 specify 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, select 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

Select 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 with that name exists.

Action

Select 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 in this order 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 correctly.
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 detected a label that recognizes the LUN (as represented by the device name) as potentially a part of another SAN File System.

Action

Perform these actions in this order 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 detected a label that recognizes the LUN (as represented by the device). It might 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

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.

Action

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

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 not viable. 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 select another LUN.

CMMNW5102E Input/output for device *device* failed.

Explanation

No additional information is available for this message.

Action

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

CMMNW5103E Volume name *volume* already exists.

Explanation

An attempt was made to create a volume with a name that already exists as a volume.

Action

Attempt to create the new volume with a different name, or remove the old volume prior to creating the new one.

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**

The user that attempted to delete a volume did not have the correct permissions to access the volume.

Action

Remove the volume as a user that has permission to that volume.

CMMNW5107E Access failed for *object_name*.**Explanation**

No additional information is available for this message.

Action

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

CMMNW5108E Input/output failed when removing the volume *VALUE_0*.**Explanation**

No additional information is available for this message.

Action

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

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 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 remove 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 existing 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 fileset 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 fileset that is assigned to an offline metadata server. The deletion cannot be completed.

Action

Change the state of the metadata server to online. Alternatively, you can assign the fileset 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 contains characters that are not supported.

Action

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 with 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.

Action

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

CMMNW5116E Access failed for *object_name*.**Explanation**

No additional information is available for this message.

Action

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

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 activate 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.

Action

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

CMMNW5120E Access failed for *object_name*.**Explanation**

No additional information is available for this message.

Action

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

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 currently an active volume. You can only suspend active volumes.

Action

No action is required.

CMMNW5123E Fileset name is not valid. It contains unsupported characters.**Explanation**

No additional information is available for this message.

Action

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

CMMNW5124E Attach directory *VALUE_2* 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.

CMMNW5125E Attach directory *dir* already exists.**Explanation**

You cannot attach the fileset to the directory *directory* because a directory with the same name already exists in the directory path. When attaching a fileset, 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

Attach the fileset again, specifying a directory name that does not currently exist.

CMMNW5126E Attach point *VALUE_1* does not exist.**Explanation**

You cannot attach the 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 fileset to the attach point.

Action

Perform one of these actions to resolve the problem:

- Ensure that the attach point exists and attempt to attach the fileset again.
- Attach the fileset to an attach point that exists.

CMMNW5127E The combination of path and directory name makes the attach not viable.

Explanation

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

Action

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

CMMNW5128E Fileset name *VALUE_0* is already attached to another location.

Explanation

You cannot attach the fileset because it is already attached to another location.

Action

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

CMMNW5129E The fileset *fileset_name* is already assigned to the *fileset_name* metadata server.

Explanation

You are attempting to change the metadata server to which a fileset is assigned. The selected fileset is already assigned to the target metadata server.

Action

If you want to assign the fileset to that metadata server, no action is required. Otherwise, attempt to assign the fileset to a different metadata server.

CMMNW5130E You cannot modify the metadata server to which the root fileset is assigned.

Explanation

The root fileset is always assigned to the master metadata server. You cannot modify this assignment.

Action

Do not attempt to change the metadata server to which the root fileset 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 in this order 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 The operation to assign Fileset *fileset* to metadata server *server_name* failed as it conflicts with the current state or other activity in the cluster.

Explanation

The administrative server is currently executing administrative processes and will not allow you to perform this operation at this time. Another possible reason is that the cluster is in partly quiescent or fully quiescent state.

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. Also make sure that the cluster is in either online or offline state.

CMMNW5133E Metadata server *server* does not exist.

Explanation

You cannot change the assignment of the fileset to the metadata server `server_name` because a metadata server with that name does not exist.

Action

Make sure that you perform this operation on an existing metadata server. To 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 not running. The target metadata server must be in one of the following states: online, offline, or not running.

Explanation

No additional information is available for this message.

Action

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

CMMNW5135E Fileset name is not valid. It contains unsupported characters.**Explanation**

You are attempting to create a fileset, but the name that you have selected contains characters that are not supported.

Action

Create the fileset 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 fileset *fileset_name* already exists.**Explanation**

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

Action

Specify a different name for the fileset that you are creating.

CMMNW5137E Attach point *VALUE_2* does not exist.**Explanation**

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

Action

Attempt to create the fileset again, specifying an attach point that currently exists.

CMMNW5138E Subordinate 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.

CMMNW5139E The transaction failed.

Explanation

The fileset cannot be created because there is other concurrent administrative activity occurring.

Action

Perform these actions in this order 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 fileset, but the directory you specified (which will be the root of the fileset directory tree) already exists. The SAN File System creates the directory when it creates the fileset, so the directory cannot already exist.

Action

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

CMMNW5141E Metadata server *server* does not exist.

Explanation

You cannot assign this fileset to the metadata server *server_name* because a metadata server with that name does not exist.

Action

Make sure that you assign the fileset 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 Fileset *fileset_name* is not empty. Select Forced Delete to delete the files and remove the fileset.

Explanation

You cannot delete the fileset because it contains files.

Action

Perform one of the following actions to remove the fileset

- Make sure the fileset is empty by moving all files to another fileset or deleting the file.
- Force the deletion of the fileset. Note that if you force the deletion of the fileset, all files and directories in the fileset will also be deleted.

CMMNW5143E The fileset cannot be deleted. It is referenced by the current active policy set.

Explanation

You cannot detach the fileset because clients are currently accessing data within the fileset.

Action

Perform one of these actions to resolve the problem

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

CMMNW5144E Fileset *fileset_name* does not exist.

Explanation

You cannot delete the fileset `fileset_name` because no fileset with that name exists.

Action

No action is required.

CMMNW5145E You cannot remove the root fileset.**Explanation**

The root fileset must always be assigned to the master metadata server. You cannot remove the root fileset.

Action

Do not attempt to remove the root fileset.

CMMNW5146E Fileset *VALUE_0* is not detached. Detach the fileset before removing it.**Explanation**

You cannot remove the fileset because it is not detached.

Action

Detach the fileset and then attempt to remove it.

CMMNW5147E Fileset *fileset_name* cannot be detached because there are nested filesets that are still attached.**Explanation**

You cannot detach this fileset because nested filesets are still attached to it.

Action

Detach all nested filesets that are attached to this fileset. Then attempt to detach this fileset again.

CMMNW5148E The fileset 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.

Action

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

CMMNW5149E Fileset *fileset_name* is not attached.**Explanation**

You cannot detach the fileset because it is not currently attached. You can only detach filesets that are currently attached.

Action

No action is required.

CMMNW5150E Fileset *VALUE_0* does not exist.**Explanation**

You cannot detach the fileset because no fileset with that name exists.

Action

No action is required.

CMMNW5151E You cannot detach the root fileset.**Explanation**

The root fileset must always be assigned to the master metadata server. You cannot detach the root fileset.

Action

Do not attempt to detach the root fileset.

CMMNW5152E Fileset name is not valid. It contains unsupported characters.**Explanation**

You are attempting to rename a fileset, but the new name you have selected contains unsupported characters.

Action

Attempt to create the fileset 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 Fileset *new_name* already exists.**Explanation**

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

Action

Specify a different name for the fileset. Alternatively, you can detach and delete the existing fileset with that name.

CMMNW5154E Fileset *fileset_name* does not exist.**Explanation**

You cannot modify the attributes of the fileset *fileset_name* because no fileset with that name exists.

Action

Make sure that the fileset for which you want to modify attributes currently exists.

CMMNW5155E Parameter formatted incorrectly.**Explanation**

No additional information is available for this message.

Action

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

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 Fileset *fileset* not found.**Explanation**

You are attempting to create a FlashCopy image of a fileset, but no fileset with the name *fileset_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 fileset 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 in this order 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

Create the FlashCopy image again, but 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 fileset *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.

Action

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

CMMNW5161E Incompatible operation.**Explanation**

No additional information is available for this message.

Action

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

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 might result in application errors.

CMMNW5163E FlashCopy image *image_name* not found.

Explanation

You are attempting to delete a FlashCopy image, but no image with 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 in this order 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.

Action

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

CMMNW5166E A client is accessing the FlashCopy image being restored and you did not select Forced Revert.**Explanation**

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

Note: Filesets can have multiple images. If a client is accessing files in any of the images between the current fileset 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 fileset to the FlashCopy image again.
- Attempt to revert the fileset to another FlashCopy image.
- Attempt to force the reversion of the fileset to the selected FlashCopy image. Note that if you specify a forced reversion, any open files associated with the fileset will be lost, which can result in application errors.

CMMNW5167E FlashCopy image *image_name* not found.**Explanation**

You are attempting to revert a fileset to a FlashCopy image, but no image with the name *image_name* exists.

Action

Revert the fileset to an existing FlashCopy image.

CMMNW5168E The transaction failed.**Explanation**

The attempt to revert the fileset to the FlashCopy image could not be completed because of other concurrent administrative activity that is occurring.

Action

Perform these actions in this order 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 fileset *VALUE_1* has nested filesets. Tip: Detach the nested filesets before attempting to revert to a FlashCopy image.

Explanation

You cannot revert to a FlashCopy image for the fileset because it currently has nested filesets.

Action

Detach any nested filesets. Then attempt to revert this fileset to a FlashCopy image.

CMMNW5170E The revert failed because the FlashCopy image contained incomplete files.

Explanation

You cannot revert the 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 fileset to another FlashCopy image.

CMMNW5171E Incompatible operation.

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

CMMNW5173E Policy *policy_name* does not exist.**Explanation**

You are attempting to activate a policy, but no policy with 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 filesets (filesets) that are not available.

Action

Make sure all of the storage pools and filesets 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 specified for this policy already exists.

Action

If you want to create a new policy using this name, you must first delete the existing policy with 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 only modify those policies that are not active.

Action

To modify the currently active policy, you must first activate another policy. Activating the other policy 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 contains characters that are not supported.

Action

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

Select 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.

Action

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

CMMNW5180E Could not create the policy because of a syntax error. *''line_start offending_tokenTAG line_endTAG''* generated this error message: *error_msgTAG***Explanation**

A syntax error was detected during the attempted creation of the policy.

Action

Correct the syntax error that was reported and try to create the policy again.

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. Activating another policy 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 previously deleted this policy, no further action is required. Otherwise, select an existing inactive policy to delete.

CMMNW5184E Policy *policy_name* does not exist.

Explanation

You are attempting to obtain 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.

Action

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

CMMNW5186E All metadata server software in the cluster is already up-to-date.**Explanation**

No additional information is available for this message.

Action

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

CMMNW5187E Either not all metadata servers in the cluster are the same version or not all SANFS clients connected are at compatible versions.**Explanation**

No additional information is available for this message.

Action

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

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.

Action

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

CMMNW5190E A parameter is not valid. Check the fileset list values for validity.

Explanation

No additional information is available for this message.

Action

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

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 cancelled the metadata check.

Explanation

A metadata check was in progress, but a stop metadata check request has cancelled 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.**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.

Action

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

CMMNW5195E You cannot quiesce a cluster from this administrative server.**Explanation**

No additional information is available for this message.

Action

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

CMMNW5196E The attempt to quiesce the cluster failed.**Explanation**

An attempt to quiesce the cluster could not complete successfully.

Action

Perform these actions in this order to resolve the problem:

1. View the administrative log and correct any problems that might be related to quiescing the cluster.
2. View the cluster log and correct any errors that might 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.

Action

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

CMMNW5198E You cannot resume a cluster from this administrative server.**Explanation**

No additional information is available for this message.

Action

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

CMMNW5199E The attempt to resume the cluster failed.**Explanation**

The attempt to resume the cluster could not complete successfully.

Action

Perform these actions in this order to resolve the problem:

1. View the administrative log and correct any problems that might be related to resuming the cluster.
2. View the cluster log and correct any errors that might 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.

Action

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

CMMNW5201E The attempt to start the cluster failed.**Explanation**

The attempt to start the cluster could not complete successfully.

Action

Perform these actions in this order to resolve the problem:

1. View the administrative log and correct any problems that might be related to starting the cluster.
2. View the cluster log and correct any errors that might 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.

Action

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

CMMNW5205E The attempt to stop the cluster failed.**Explanation**

The attempt to stop the cluster could not complete successfully.

Action

Perform these actions in this order to resolve the problem:

1. View the administrative log and correct any problems that might be related to stopping the cluster.
2. View the cluster log and correct any errors that might 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.

Action

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

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 this order to resolve the problem:

1. View the administrative log and correct any problems that might be related to starting the metadata server.
2. View the cluster log and correct any errors that might 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 with that name exists.

Action

Make sure that you select 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.

Action

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

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 this order to resolve the problem:

1. View the administrative log and correct any problems that might be related to stopping the metadata server.
2. View the Cluster log and correct any errors that might 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 with that name.

Action

Make sure that you select 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 this order to resolve the problem:

1. View the administrative log and correct any problems that might be related to clearing the audit.
2. View the Cluster log and correct any errors that might 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 in this order 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 might 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 in this order 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 in this order 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 in this order 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 in this order 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

View 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 in this order 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 in this order 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 in this order 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 in this order 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 in this order to resolve the problem:

1. Wait a few minutes and attempt to display the security log again.
2. View 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

View 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 in this order to resolve the problem:

1. Wait a few minutes and attempt to display the security log again.
2. View 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

View 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 in this order to resolve the problem:

1. Wait a few minutes and attempt to display the security log again.
2. View 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

View 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 in this order to resolve the problem:

1. Wait a few minutes and attempt to display the security log again.
2. View 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

View 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 this order to resolve the problem:

1. View the administrative log and correct any problems that might 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 in this order 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 might be related to the availability of the metadata servers in the cluster.
3. View the administrative log and resolve any problems that might 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 in this order 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

View 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 in this order 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 in this order to resolve the problem:

1. Wait a few minutes and attempt to display the cluster message log again.
2. View 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

View 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 in this order to resolve the problem:

1. Wait a few minutes and attempt to display the cluster message log again.
2. View 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

View 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 in this order to resolve the problem:

1. Wait a few minutes and attempt to display the event log again.
2. View 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

View 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 in this order to resolve the problem:

1. Wait a few minutes and attempt to display the event log again.
2. View 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

View 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 in this order to resolve the problem:

1. Wait a few minutes and attempt to display the event log again.
2. View 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

View 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 in this order to resolve the problem:

1. Wait a few minutes and attempt to display the event log again.
2. View 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

View 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.

Action

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

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 in this order to resolve the problem:

1. Verify that the RSA adapter for the engine is functioning correctly, 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 in this order to resolve the problem:

1. Verify that the RSA adapter for the engine is functioning correctly.
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 that you specified contains unsupported characters.

Action

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

Create the disaster recovery file again, using a name that does not currently exist. You can also 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, 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 with that name.

Action

Make sure that you select 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

No action is required. The automatic restart service is already disabled.

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 with 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 privileged client settings because a previous cluster configuration change is pending.

Explanation

You are attempting to grant root privileges to a client, but there is previous uncommitted configuration change pending.

Action

If you need to grant root privileges to an additional client, you must first commit the pending configuration change by restarting the cluster.

CMMNW5270E Incompatible operation. The metadata server is busy performing another administrative request.

Explanation

The SAN File System metadata 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 SAN File System is executing other administrative processes that are preventing the SAN File System from executing the given request.

Action

Wait several minutes and attempt to perform the operation again.

CMMNW5271E Incompatible operation. The metadata server is busy performing another administrative request.

Explanation

The SAN File System metadata 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 SAN File System is executing other administrative processes that are preventing the SAN File System from executing the given request.

Action

Wait several minutes and attempt to perform the operation again.

CMMNW5272E Incompatible operation. The metadata server is busy performing another administrative request.

Explanation

The SAN File System metadata 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 SAN File System is executing other administrative processes that are preventing the SAN File System from executing the given request.

Action

Wait several minutes and attempt to perform the operation again.

CMMNW5273E Metadata server stopped and exited after starting.

Explanation

CIMOM started the SAN File System metadata server, but detected that the metadata server has exited. CIMOM will attempt to start the metadata server again four times. If the server cannot be started within the limited number of retries, the autorestart facility will be disabled.

Action

Determine the reason why SAN File System metadata server is not remaining operational. When the problem is corrected, you can enable autorestart.

CMMNW5274I Privileged client access successfully granted for *client_name*.

Explanation

System privileged access was successfully granted to the client.

Action

No action is required.

CMMNW5275E Privileged client *client_name* already exists.

Explanation

The client name supplied for granting privileged system access already has this access.

Action

Run `statcluster -config` to view currently defined privileged clients.

CMMNW5276I Privileged client access successfully removed for *client_name*.

Explanation

System privileged access was successfully removed from the client.

Action

No action is required.

CMMNW5277E Privileged client *client_name* does not exist.

Explanation

The attempt to remove privileged access from the client name provided failed because no client with that name was found to have those access rights.

Action

Run `statcluster -config` to view currently defined privileged clients.

CMMNW5278E Cannot perform the specified operation on the system volume.**Explanation**

The specified command and/or parameter is not allowed on volumes belonging to the SYSTEM storage pool.

Action

Determine if the target volume is a system volume or not. If it is a system volume, certain optional parameters are not allowed. Identify these parameters and reissue the command without the identified parameters. Alternately, a system volume is specified instead of a user volume. Reissue the command with the right user volume.

CMMNW5279E Device not found.**Explanation**

You cannot perform the specified operation because the device 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 device.

CMMNW5280E The specified client cannot be found.**Explanation**

You cannot perform the specified operation because the client you specified is not in the active client list.

Action

Make sure that the specified client is an active SAN File System client and reissue the command.

CMMNW5281E The specified client is either not available or not responding.**Explanation**

The specified operation failed because the SAN File System metadata server could not communicate with the client that you specified.

Action

Make sure that the specified client is an active SAN File System client and reissue the command.

CMMNW5282E There was an I/O failure with the specified client.**Explanation**

The operation failed because the specified client could not perform the necessary I/O.

Action

Make sure that the specified SAN File System client has the correct access to the underlying device. Reissue the command.

CMMNW5283E The specified client does not support the requested operation.**Explanation**

The SAN File System metadata server relies on the client to perform certain operations in order for the issued command to succeed. The operation failed because the specified client could not perform the necessary operation requested by the SAN File System metadata server. This can happen when the version of the protocol supported by a client is older than the required version.

Action

Make sure that the specified SAN File System client is the right version. Reissue the command.

CMMNW5284E Detected and corrected by metadata checker.**Explanation**

The SAN File System metadata checker was active after the situation has occurred. The metadata checker noticed the discrepancy and corrected the problem.

Action

No action is required.

CMMNW5285E Volume expansion was not performed because the size of the volume is current.**Explanation**

The size of the underlying LUN for the target volume is found to be matching with the current size of the volume.

Action

Make sure that the size of the underlying LUN is increased first and reissue the command.

CMMNW5286E Cannot specify a client name parameter for the system volume.**Explanation**

A SAN File System client is not needed to expand the size of volumes belonging to the SYSTEM storage pool. Therefore, the client_name parameter is not allowed for system volume.

Action

Determine if the target volume is a system volume or not. If it is a system volume. Reissue the command without specifying the client_name parameter. Alternately, a system volume is specified instead of a user volume. Reissue the command with the correct user volume.

CMMNW5287E The underlying logical unit device (LUN) is not found.**Explanation**

If the volume specified is a system volume, the SAN File System master metadata server could not access the underlying LUN device to carry out the specified operation. If the volume specified is a user volume, the specified client could not access the underlying LUN device to perform the specified operation. If the volume specified is a user volume and a client is not specified, the SAN File System master metadata server could not access the underlying LUN device to perform the specified operation.

Action

For system volumes, make sure that the underlying LUN for a volume is accessible and reissue the command. For user volumes, make sure you specify a client that can access the underlying LUN and reissue the command. For user volumes that are specified without a client, select a client that can access the underlying LUN and reissue the command.

CMMNW5288E Volume expansion was not performed because the size was expanded by the metadata checker.**Explanation**

The SAN File System metadata checker was active after the underlying LUN for the volume was expanded. The metadata checker has noticed the increase in size of the LUN and expanded the size of the volume accordingly. It is not necessary to issue this command.

Action

No action is required.

CMMNW5289E The file *file_path* was not found.**Explanation**

The file name provided does not exist.

Action

Provide a valid file name.

CMMNW5290E Cannot run the statfile command because a cluster transition is in progress. Tip: Wait a few minutes and run statfile again.

Explanation

The cluster transition is in progress.

Action

Reissue this command.

CMMNW5291E The fileset serving this file is offline. Tip: Wait a few minutes and run statfile again.

Explanation

This file belongs to a container whose metadata server is currently offline.

Action

No action is required.

CMMNW5292E You must upgrade the cluster before running statfile.

Explanation

The metadata server does not support this operation mainly because it might be running an older version of SAN File System.

Action

Upgrade SAN File System and reissue this command.

CMMNW5293E A directory specified for the file *file_path* was not found.

Explanation

One of the non-leaf elements in the file path specified is not a directory.

Action

Provide a valid directory name.

CMMNW5294E Unsupported metadata server operation.**Explanation**

The metadata server does not support this operation mainly because it might be running an older version of SAN File System.

Action

Update your SAN File System.

CMMNW5295E Invalid directory.**Explanation**

The directory specified is invalid.

Action

Edit the directory and attempt again.

CMMNW5296E Metadata server change transaction failed.**Explanation**

The metadata server assignment for the fileset could not be changed because of other concurrent administrative activity that is occurring.

Action

Perform these actions in this order 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.

CMMNW5297E The operation to automatically assign Fileset *fileset* to a metadata server failed as it conflicts with the current state or other activity in the cluster.**Explanation**

The administrative server is currently executing administrative processes and will not allow you to perform this operation at this time. Another possible reason is that the cluster is in partly quiescent or fully quiescent state.

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. Also make sure that the cluster is in either online or offline state.

CMMNW5298E Cluster or metadata server is not in a valid state.

Tip: The current metadata server must be either offline or not running. The target metadata server must be in one of the following states: online, offline, or not running.

Explanation

No additional information is available for this message.

Action

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

CMMNW5299E Rogue Client.

Explanation

There was a communication failure with the specified client when the client was performing an I/O operation. It is not possible to determine if the I/O will succeed.

Action

Check if there are any hung SAN File System client processes on the client machine. If there are hung processes, the SAN File System client machine will need to be rebooted. Reissue the command after the client machine has been rebooted.

CMMNW5300E Invalid LUN ID Format.

Explanation

The LUN ID provided is formatted incorrectly.

Action

Check that the format for the LUN ID is correct and resubmit.

CMMNW5301E Specify a SAN File System client to perform the operation.

Explanation

The SAN File System metadata server needs a SAN File System client that can access the underlying device to successfully execute the operation.

Action

Retry the command with a SAN File System client specified.

CMMNW5302E Access denied for device *VALUE_1*.**Explanation**

The SAN File System could not access the specified LUN.

Action

Perform these actions in this order to resolve the problem:

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

CMMNW5303E SAN File System label already exists on the LUN *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 being part of the current SAN File System installation.

Action

Perform these actions in this order 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.

CMMNW5304E SAN File System label already exists on the LUN *lun*. Select Forced Addition to overwrite the SAN File System label on *lun*.**Explanation**

The SAN File System has detected a label that recognizes the LUN. It might be part of another SAN File System.

Action

Make sure that the LUN 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.

CMMNW5305E Volume name *volume_name* is not valid. It contains unsupported characters.**Explanation**

You are attempting to create a volume, but the name you have specified 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.

CMMNW5306E Parameters for volume *object_name* are not valid.**Explanation**

One of the parameters you specified is not valid.

Action

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

CMMNW5307E Input/output for LUN *device* failed.**Explanation**

There was an I/O failure on the specified LUN while trying to create a volume.

Action

View the appropriate log files (the cluster log and the administrative log if the specified LUN was to be made a Meta Data Volume, or the system log if the specified LUN was to be made a User Volume) and correct any problems that may be related to the I/O failures. If the problem persists contact your support representative.

CMMNW5308E Volume name *volume* already exists.**Explanation**

An attempt was made to create a volume with a name that already exists as a volume.

Action

Attempt to create the new volume with a different name, or remove the old volume prior to creating the new one.

CMMNW5309E The LUN is not valid. The LUN *lun* does not exist.**Explanation**

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

Action

Make sure that you specify a valid LUN when creating a volume.

CMMNW5310E 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.

CMMNW5311E Disk not viable.**Explanation**

The LUN 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.
- 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 correctly and attempt to create the volume again. Alternatively, you can select another LUN.

CMMNW5312E Access denied for *object_name*.**Explanation**

An attempt to delete a volume lacked the required permissions to access the volume.

Action

Attempt to remove the volume as a user that has permission to that volume.

CMMNW5313E Access failed for *object_name*.**Explanation**

Removing the volume failed due to invalid permissions, or being unable to find a device.

Action

Verify the access permissions are correct and reissue the command.

CMMNW5314E 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.

CMMNW5315E Input/output failed when removing the volume *VALUE_0*.**Explanation**

There was an I/O failure on the specified LUN while trying to remove a volume.

Action

View the appropriate logs files (the cluster log and the administrative log if the specified LUN was to be made a Meta Data Volume, or the system log if the specified LUN was to be made a User Volume) and correct any problems that might be related to the I/O failures. If the problem persists contact your support representative.

CMMNW5316E 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.

CMMNW5317E There is not enough space on other volumes to move the volume contents.

Explanation

When you remove 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.

CMMNW5318E There are files in this volume from a fileset 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 fileset that is assigned to an offline metadata server. The deletion cannot be completed.

Action

Attempt to change the state of the metadata server to online. Alternatively, you can assign the fileset to another metadata server.

CMMNW5319E Cannot specify a client name parameter for the system volume.

Explanation

You do not need a client to remove a volume that belongs to the SYSTEM storage pool.

Action

Determine if the target volume is a system volume or not. If it is a system volume, only the SAN File System metadata server can delete the volume. Reissue the command without the client name.

CMMNW5320E Error sending message to metadata server. Tip: make sure the metadata server is installed and is running.

Explanation

The master metadata server was not able to communicate with the subordinate metadata server at the given IP address.

Action

Make sure the subordinate metadata server has been installed and is in the Not Added state. Also verify that you have selected the correct IP address and that your network is working correctly. If the problem continues, contact your service representative.

CMMNW5321E Storage pool creation failed due to administrative resource contention. Tip: wait a few minutes and try again.

Explanation

The administrative server is currently executing administrative processes and will not allow you to create a storage pool 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.

CMMNW5322E Volume selected no longer valid.

Explanation

The volume selected no longer exists.

Action

Refresh the volumes list prior to reattempting command.

CMMNW5323E An Error was returned by the remote CIM agent. Tip: Refer to admin log for more details.

Explanation

The master CIM agent was not able to communicate with the subordinate CIM agent. This may be because the subordinate CIM agent is no longer operational or it can no longer be reached from the master CIM agent.

Action

Make sure the subordinate CIM agent has been installed and is currently operational. Also verify that the subordinate host can be reached from the master host. If the problem continues, contact your service representative.

CMMNW5324E Command failed as filesets are in grace period.

Explanation

SAN File System is in a grace period to allow existing clients to reassert their locks. Grace period is in effect immediately following a cluster or server restart. Administrative operations are not allowed during this grace period. The requested administrative command failed since it directly or indirectly involved operations on filesets. The length of the grace period depends on the lease interval and the grace period multiplier configuration parameters. The default value for the grace period is 40 seconds.

Action

Please retry the command after the grace period, generally after 40 seconds.

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. During normal operation, you would automatically be redirected to the master metadata server. However, the subordinate metadata server might 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 must 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 must select a storage pool to view 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 view 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 must 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 must 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 must select a LUN to view 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 filesets to delete.**Explanation**

You must select a fileset from the list of filesets to delete it.

Action

Select one or more filesets. Then select Delete from the action pulldown list and click Go to delete each selected fileset.

Notes:

1. You cannot delete the root fileset.
2. A fileset must be empty and detached before you can delete it unless you perform a forced delete operation.

CMMNW9020W You must select a fileset to view its properties.

Explanation

You must select a fileset from the list of filesets to view its properties.

Action

Select a fileset. Then select Properties from the action pulldown list and click Go to view its properties.

Note: You can view properties for only one fileset at a time.

CMMNW9021W You need to select a fileset to attach.

Explanation

You must select a fileset from the list of filesets to attach it to the global file system.

Action

Select a fileset. Then select Attach from the action pulldown list and click Go to attach the fileset to the global file system.

Note: You can only attach one fileset at a time.

CMMNW9022W You must select a fileset to detach.

Explanation

You must select a fileset from the list of filesets to detach it to the global file system.

Action

Select one or more filesets. Then select Detach from the action pulldown list and click Go to detach the selected filesets from the global file system.

CMMNW9023W You must select a fileset to create FlashCopy images.

Explanation

You must select a fileset from the list of filesets to create a FlashCopy image for that fileset.

Action

Select one or more filesets. Then select Create FlashCopy images from the action pulldown list and click Go to start the wizard for creating FlashCopy images.

CMMNW9024W You must select a fileset to manage FlashCopy images.

Explanation

You must select a fileset from the list of filesets to manage FlashCopy images for that fileset.

Action

Select a fileset. Then select Manage FlashCopy images from the action pulldown list and click Go to manage the FlashCopy images for that fileset.

Note: You can manage FlashCopy images for only one fileset at a time.

CMMNW9025W Are you sure that you want to perform a forced delete operation on the following filesets? Files and directories will be lost! *fileset_list*

Explanation

You must confirm that you want to force the deletion of the listed filesets. If you do so, any files and directories in those filesets will also be deleted.

Action

Click Forced Delete to force the deletion of the listed fileset. Click Cancel to cancel the forced deletion.

CMMNW9026W Are you sure that you want to perform a forced detach operation on the following filesets? Open files will be lost! *fileset_list*

Explanation

You must confirm that you want to force the detachment of the listed filesets. If you do so, any files and directories in those filesets will also be deleted.

Action

Click Forced Detach to force the detachment of the listed fileset. Click Cancel to cancel the forced detachment.

CMMNW9027W You must select one or more filesets to create FlashCopy images.

Explanation

You must select a fileset from the list of filesets to create FlashCopy images for that fileset.

Action

Select a fileset. Then select Create FlashCopy images from the action pulldown list and click Go to start the wizard for creating FlashCopy images.

CMMNW9028W You must select one or more FlashCopy images to delete.

Explanation

You must select a fileset from the list of filesets to create FlashCopy images for that fileset.

Action

Select a fileset. 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 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 fileset to the FlashCopy image.

CMMNW9030W You must select a FlashCopy image to view 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 might 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 might 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 fileset reversion to the following FlashCopy image? If there are open files associated with the image, they will be lost, which might cause application errors. *flashcopy_image*

Explanation

You must confirm that you want to force the reversion of the fileset to the listed FlashCopy image. If you do so, any open files associated with the FlashCopy image will be lost, which can result in application errors.

Action

Click Forced Revert to force the reversion of the fileset to the listed FlashCopy image. Click Cancel to cancel the forced reversion.

CMMNW9033W The fileset *VALUE_0* has child filesets. You must first detach them before reverting to the image.

Explanation

You cannot revert the fileset *fileset_name* to the selected FlashCopy image, because the fileset has child filesets.

Action

Detach all child filesets from the fileset. Then attempt to revert the fileset to the FlashCopy image again.

CMMNW9034E The master metadata server must be online.

Explanation

You cannot assign the 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 fileset 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 fileset to a new metadata server because the current metadata server is in either an online or a quiescent state.

Action

Stop the current metadata server before you attempt to assign this fileset to a new metadata server.

CMMNW9036E The root fileset must be assigned to the master metadata server.

Explanation

You cannot assign the root fileset to a new metadata server. It must always be assigned to the master metadata server.

Action

Do not attempt to assign the root fileset to a metadata server other than the master metadata server.

CMMNW9037E A metadata server must be selected to which the fileset is assigned.

Explanation

You must select a metadata server from the list of metadata server to which the fileset will be assigned.

Action

Select a metadata server to which the fileset will be assigned. Then click OK to continue creating the fileset.

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 must select a policy to view 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 only view properties for one policy at a time.

CMMNW9045E You must 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

Specify a policy name that does not contain the single quotation mark character. Then continue with the Create a Policy wizard.

CMMNW9047E You must 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 some changes are more difficult to make after the cluster is started. 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 metadata server software has not been upgraded.

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 that can 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 must select a metadata server to view 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 must 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. 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. 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 might not be active). Log messages are displayed for only the reachable metadata servers.

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 must select an engine to view 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 must select a single client to view 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 must 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 must 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 must 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 must 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 might 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 might 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 must 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 must 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 can 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 must 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.

CMMNW9085E The truststore passwords must be the same.

Explanation

The truststore password and the verify truststore password fields have different values in them.

Action

Change one or both of the passwords so that they match.

CMMNW9086E The RSA passwords must be the same.

Explanation

The RSA password and the verify RSA password fields have different values in them.

Action

Change one or both of the passwords so that they match.

CMMNW9087E The LDAP passwords must be the same.

Explanation

The LDAP password and the verify LDAP password fields have different values in them.

Action

Change one or both of the passwords so that they match.

CMMNW9088W You must select one or more Not Added metadata servers to Add.

Explanation

Before you can add a metadata server, it must be in the state: Not Added.

Action

Select one or more metadata servers that are in a Not Added state. Then select Add to Cluster from the action pulldown list and click Go to add each selected metadata server.

CMMNW9089W You need to select one or more metadata servers to Remove.

Explanation

Before you can remove a metadata server, it must not be in the Not Added state.

Action

Select one or more metadata servers that are not in the Not Added state. Then select Remove from Cluster from the action pulldown list and click Go to remove each selected metadata server.

CMMNW9090W Are you sure that you want to stop the following servers? *server_list* Any filesets that are manually assigned to the metadata servers being stopped will be reassigned to the remaining metadata servers.

Explanation

This warning will list the metadata servers to be stopped with the following prompt:

Are you sure that you want to stop the following metadata servers?

server_list

The filesets assigned to the metadata servers being removed will be reassigned to the remaining metadata servers. You must confirm that you want stop these metadata servers.

Action

Click Stop Servers to stop the metadata servers. Click Cancel to cancel the stop operation.

CMMNW9091W Are you sure that you want to remove the following metadata servers from the cluster? *server_list* The following filesets are manually assigned to the metadata servers being removed. They will be reassigned to the remaining metadata servers. *fileset_list*

Explanation

This is a request for confirmation on removing metadata servers and reassigning filesets.

Action

Click Remove Servers to remove the metadata servers. Click Cancel to cancel the stop operation.

CMMNW9092W Are you sure that you want to start the following metadata servers? *server_list* Any filesets that were manually assigned to these metadata servers will be reacquired from other metadata servers they have migrated to.

Explanation

You must confirm that you want to start these metadata servers.

Action

Click Start Servers to start the metadata servers. Click Cancel to cancel the stop operation.

CMMNW9093W Are you sure that you want to add the following metadata servers? *server_list*

Explanation

You must confirm that you want to add these metadata servers.

Action

Click Add Servers to add the metadata servers. Click Cancel to cancel the stop operation.

CMMNW9094I Metadata servers will only be started if their states are: Not running.

Explanation

You cannot start one or more of the selected metadata servers because they are in the wrong state. You can only start a metadata server 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.

CMMNW9095W You must select a log message to see its help information.

Explanation

You must select a log message from the list of logs to view its help information.

Action

Select a log message. Then select Help from the action pulldown list and click Go to view its help information.

Note: You can only view properties for one fileset at a time.

CMMNW9096W You must select a client before refreshing the data LUN list.

Explanation

You must select a client from the list of clients before being able to refresh the data LUN list.

Action

Select a client message. Then press the Refresh button.

CMMNW9097W You can only select one LUN for the requested action.**Explanation**

Either no LUN has been selected or more than one has been selected for the requested action.

Action

Restrict the number of selected LUNs to one.

CMMNW9098W A User Storage Pool must be selected when enabling a default pool.**Explanation**

An attempt was made to enable a default storage pool without selecting a pool name.

Action

Select a pool and resubmit the request.

CMMNW9099W If the default storage pool is disabled and policies are not correctly configured files will not be stored. Are you sure you want to disable the default storage pool?**Explanation**

You must confirm that you want to disable the default storage pool.

Action

Click OK to disable the default storage pool Click Cancel to cancel the disable.

CMMNW9100W You must select a volume to view its clients.**Explanation**

You must select a volume from the list of volumes to view its clients.

Action

Select a volume. Then select Clients that can see the volume from the action pulldown list and click Go to view its clients.

Note: You can view clients for only one volume at a time.

CMMNW9101W You must select a client to proceed.**Explanation**

You must select a client from the list of clients before advancing to the add volume page.

Action

Select a client message. Then press the Next button.

CMMNW9102W The cluster cannot be started in offline state while in state: *cluster_state*

Explanation

You start a cluster in offline state only when it is in either 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 in offline state.
3. Attempt to start the cluster in offline state again.

CMMNW9103I The cluster started in offline state.

Explanation

The cluster started in offline state as requested.

Action

No action is required.

CMMNW9104W You must select a fileset to view placements.

Explanation

You must select a fileset from the list of filesets to view its placements.

Action

Select one of the filesets. Then select Details of the file Placements in Pools from the action pulldown list and click Go to view the placements of the selected fileset.

CMMNW9105W You must select a client before refreshing the Volume and LUN sizes list.

Explanation

You must select a client from the list of clients before being able to refresh the volume and LUN sizes list.

Action

Select a client. Then press the Rediscover button.

CMMNW9106W You must select a client and rediscover before resizing.**Explanation**

You must select a client from the list of clients before being able to resize.

Action

Select a client. Then press the Rediscover button.

CMMNW9107W Only one fileset can be selected to view its properties.**Explanation**

You must select only one fileset from the list of filesets to view its properties.

Action

Select only one fileset. Then select Properties from the action pulldown list and click Go to view its properties.

Note: You can view properties for only one fileset at a time.

CMMNW9108W Select one fileset to view its file placements in Storage Pools.**Explanation**

You must select one fileset from the list of filesets to view its placements.

Action

Select one fileset. Then select Details of the File Placements in Pools from the action pulldown list and click Go to view its placements.

Note: You can view placements for only one fileset at a time.

CMMNW9109W Only one fileset can be selected to view its file placements in Storage Pools.**Explanation**

You must select only one fileset from the list of filesets to view its placements.

Action

Select only one fileset. Then select Details of the File Placements in Pools from the action pulldown list and click Go to view its placements.

Note: You can view placements for only one fileset at a time.

CMMNW9110W Only one fileset can be selected to attach.**Explanation**

You can select only one fileset from the list of filesets to attach to the global file system.

Action

Select one fileset from the list of filesets. Then select Attach from the action pulldown list and click Go to attach the fileset to the global file system.

Note: You can attach only one fileset at a time.

CMMNW9111W You can select only one fileset to manage FlashCopy images.**Explanation**

You can select one fileset from the list of filesets to manage FlashCopy images for that fileset.

Action

Select only one fileset. Then select Manage FlashCopy images from the action pulldown list and click Go to manage the FlashCopy images for that fileset.

Note: You can manage FlashCopy images for only one fileset at a time.

CMMNW9112W You must select a fileset to view placements.**Explanation**

You must select a fileset from the list of filesets to view its placements.

Action

Select one of the filesets. Then select Details of the file Placements in Pools from the action pulldown list and click Go to view the placements of the selected fileset.

Note: You can view placements for only one fileset at a time.

CMMNW9113W You can select only one fileset to view placements.**Explanation**

You can only select one fileset from the list of filesets to view its placements.

Action

Select one of the filesets. Then select Details of the file Placements in Pools from the action pulldown list and click Go to view the placements of the selected fileset.

Note: You can view placements for only one fileset at a time.

CMMNW9114W You must select one metadata server to view its 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.

CMMNW9115W You must select one metadata server to view its details.**Explanation**

You must select a metadata server to view details about the metadata server restart service.

Action

Select a metadata server. Then select Details from the action pulldown list and click Go to view details for the selected metadata server restart service.

CMMNW9116W You can only select one metadata server when viewing details.**Explanation**

You must select a metadata server to view details about the metadata server restart service.

Action

Select a metadata server. Then select Details from the action pulldown list and click Go to view statistics for the selected metadata server restart service.

CMMNW9117W You can only select one engine to view 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.

CMMNW9118W You can only select one FlashCopy image to revert to.**Explanation**

You must select a FlashCopy image from the list of FlashCopy images to revert the fileset to that image.

Action

Select a FlashCopy image. Then select Revert to from the action pulldown list and click Go to select the method used to revert the fileset to the FlashCopy image.

CMMNW9119W You can only select one FlashCopy image to view 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.

CMMNW9120W You can only select one storage pool to view 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.

CMMNW9121W You can only select one volume to view 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.

CMMNW9122W You can only select one volume to view its clients.**Explanation**

You must select a volume from the list of volumes to view its clients.

Action

Select a volume. Then select Clients that can see the volume from the action pulldown list and click Go to view its clients.

Note: You can view clients for only one volume at a time.

CMMNW9123W You must select a volume to view its clients.**Explanation**

You must select a volume from the list of volumes to view its clients.

Action

Select a volume. Then select Clients that can see the volume from the action pulldown list and click Go to view its clients.

Note: You can view clients for only one volume at a time.

CMMNW9124W You can only select one LUN to view 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.

CMMNW9125W You can only select one LUN to view its clients.**Explanation**

You must select a LUN from the list of LUNs to view its clients.

Action

Select a LUN. Then select Clients that can see the LUN from the action pulldown list and click Go to view its clients.

Note: You can view clients for only one LUN at a time.

CMMNW9126W You must select a LUN to see its clients.

Explanation

You must select a LUN from the list of LUNs to view its clients.

Action

Select a LUN. Then select Clients that can see the LUN from the action pulldown list and click Go to view its clients.

Note: You can view clients for only one LUN at a time.

CMMNW9127W You can only select one 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.

CMMNW9128W You can only select one policy to view 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.

CMMNW9129W You can only select one metadata server to view 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.

CMMNW9130W Are you sure that you want to remove the following metadata servers from the cluster? *server_list* There are no filesets manually assigned to the metadata servers being removed.

Explanation

This is a request for confirmation on removing metadata servers.

Action

Click Remove Servers to remove the metadata servers. Click Cancel to cancel the stop operation.

CMMNW9131I Fileset *fileset_list* successfully created.

Explanation

Acknowledgement that a fileset was created.

Action

Click OK to close the window.

CMMNW9132I Policy *policy_list* successfully created.

Explanation

Acknowledgement that a policy was created.

Action

Click OK to close window.

CMMNW9133I The Volumes have been successfully removed.

Explanation

The remove volume request has finished.

Action

Click OK to return to the volume list page.

CMMNW9134W You can only select one log message to view its help information.

Explanation

You can only select one log message from the list of logs to view its help information.

Action

Select one log message. Then select Help from the action pulldown list and click Go to view its help information.

Note: You can view properties for only one fileset at a time.

CMMNW9135E The LDAP Server IP Address is invalid.

Explanation

The LDAP Server IP address must be in a valid format.

Action

Correct the LDAP Server IP Address.

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 in the field *field_name* that is between *minimum_value* and *maximum_value*.

Action

Enter an appropriate 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. If you store the file in a location other than its default location, set the environment variable SFS_CLI_PASSWDFILE to the location of the file.

HSTAC0002E The password file was not created.

Explanation

The password file was not created.

Action

There is a problem with the system. Additional errors might have been written to the standard error log.

HSTAC0003I Usage: *command_usage*

Explanation

There was an error in the command usage for the application.

Action

The command only supports the specified usage. Verify the syntax of the executed command.

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. 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 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.

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. 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 SAN File System metadata server has been restarted too many times (4) within one hour. Disabling autorestart.**Explanation**

SAN File System autorestart has a limit on the number of times a SAN File System metadata server will be restarted automatically within one hour. Autorestart has found the metadata server not operating more than the maximum four times within the past hour. Autorestart is automatically disabled, and the metadata server will not restart again unless autorestart is enabled.

Action

Determine the reason that the SAN File System metadata server is not staying operational. When the problem is corrected, you can enable autorestart.

HSTAP0049E Unexpected Exception in autorestart.**Explanation**

An unforeseen error has occurred in autorestart.

Action

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 cfgvapth 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 metadata 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 did not 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 invalid permissions, or because it did not exist.

Action

Verify that the truststore file exists with the correct permissions.

HSTAP0064W SAN File System metadata server *server_name* stopped and exited after starting.

Explanation

CIMOM started the SAN File System metadata server but detected that the server has exited. CIMOM will try to start the metadata server again four times within one hour. If the metadata server cannot be started within the limited number of retries, the autorestart facility will be disabled.

Action

Determine the reason that the SAN File System metadata 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 invalid permissions, or because it did not 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 metadata server.

Explanation

The values from the SAN File System server does not match the value obtained from the *tank.properties* file. The administrative server will use the value from SAN File System metadata 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 with which the SAN File System metadata server has already been configured.

HSTAP0073W Unable to validate configuration parameters.

Explanation

The CIM Agent is unable to validate its copy of the configuration parameters with the metadata 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 SAN File System metadata 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.

HSTAP0075E Could not run one button data collection due to *reason*.

Explanation

One button data collection failed in an abnormal manner.

Action

Reasons for this error could be that the ODBC executable does not exist or has invalid permissions. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0076E Could not start subordinate metadata server *server_name* due to *reason*.

Explanation

There was an error when communicating to the subordinate node to start the subordinate metadata server. This might be caused by an offline CIM agent or failed node.

Action

Examine the list of metadata servers in the cluster using `lsserver` and verify that it matches the expected cluster configuration. Re-apply the `stopserver` command as necessary. Consult the problem determination guide for more help.

HSTAP0077E Could not list administrative users due to internal error: *reason*.

Explanation

There was an error detected when obtaining user information from the LDAP server. This might be caused by an LDAP failure, or bad configuration.

Action

Verify the status of the LDAP server and LDAP certificate in the truststore (if any). Repeat the CLI command or GUI operation to list the administrative users. If the problem persists, consult the problem determination guide for more help.

HSTAP0078E Could not find the Client LUN cache file *cache_file_name*.

Explanation

The cache file could not be found. Because cache files are cleared after some time, it might have been removed.

Action

Reissue the command. If the problem persists, consult the problem determination guide for more help.

HSTAP0079E An Error occurred while reading the Client LUN cache file: *cache_file_name*.

Explanation

There was an error reading the cache file.

Action

Reissue the command. If the problem persists, consult the problem determination guide for more help.

HSTAP0080E The Client LUN cache file *cache_file_name* contains corrupted entries. Encountered the following exception while trying to read the contents: *exception_name*.

Explanation

The cache file contains corrupted entries.

Action

Reissue the command. If the problem persists, consult the problem determination guide for more help.

HSTAP0081E Encountered *exception*

Explanation

No additional information is available for this message.

Action

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

HSTAP0082E Encountered an interrupted exception in update cluster info cache.

Explanation

No additional information is available for this message.

Action

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

HSTAP0083E Error returned by remote CIM agent on server *server_name*. CIM Error *cim_err*.

Explanation

No additional information is available for this message. The CIM agent on the local (master) server uses the remote CIM agent to execute the requested operation. This error indicates that the remote CIM agent is reporting back an error where a success was expected.

Action

Check the CIM agent log on the local server for additional information on why the remote CIM request failed. Also check the CIM agent on the remote server for additional information. Correct any problems discovered and retry the operation.

HSTAP0084I Successfully retrieved the configuration information from the metadata server.

Explanation

The CIM agent successfully retrieved the configuration information from the metadata server it is managing.

Action

No action is required.

HSTAP0085E The CIM agent encountered a communication error with the metadata server while processing a request.

Explanation

There was an unexpected error when the CIM agent was communicating with the metadata server. Communication errors could be a result of transient conditions.

Action

Attempt to re issue the command. If repeated attempts result in the same problem, consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTAP0086E The CIM agent cannot process the request because a required library *lib_name* could not be located.

Explanation

The CIM agent could not locate a library that is required to process this particular request.

Action

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

HSTAP0087E The CIM agent received a malformed response from the metadata server while executing a request.

Explanation

The metadata server replied to a request with a malformed reply. This is most often caused by unexpected, non standard characters in the reply.

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; stopping...

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`. Attempt to set up the metadata server again.

HSTAS0004E Error: `tank.properties` file not found; stopping...

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`. 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. Use following format: 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 uninstallation because the existing administrative server cannot be upgraded to this version. No changes will be made. To override and force the upgrade, 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, the SAN File System console cannot be installed. After installing WebSphere Application Server, run: /usr/tank/admin/bin/installConsole

Explanation

The SAN File System console requires WebSphere Application Server to be installed.

Action

Install the WebSphere Application Server in /opt/was.

HSTIG0005I Eclipse is not installed in /opt/eclipse. Therefore, the SAN File System console cannot be installed. After installing Eclipse, run: /usr/tank/admin/bin/installConsole

Explanation

The SAN File System console requires Eclipse to 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 force the removal of the administrative server:

```
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 cannot 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 force the upgrade, 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 cannot 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 force the upgrade, 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 service representative.

HSTIG0011E Cannot remove sfs entry from inittab

Explanation

rpm attempts to remove the sfs entry from `/etc/inittab` during an uninstallation.

Action

If the SAN File System has been removed from the system verify that the sfs entry no longer exists in `/etc/inittab`.

HSTIG0012E /usr/tank/admin/bin/stopConsole failed.

Explanation

The rpm attempts to stop the console by running:
`/usr/tank/admin/bin/stopConsole`.

Action

Review `/usr/tank/admin/console.log`. If you cannot resolve the problem using the log, contact your service representative.

HSTIG0013E /usr/tank/admin/bin/stopCimom failed.

Explanation

The rpm attempts to stop the CIM Agent by running:
`/usr/tank/admin/bin/stopCimom`.

Action

Review `/usr/tank/admin/cimom.log`. If you cannot resolve the problem using the log, contact your 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 View 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/sfs`.

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.

HSTWU0025E Could not start the SAN File System console because the Web server on *host_name* is already started.

Explanation

The attempt to start the Web server failed because it was already running.

Action

No action is required. The Web server is already running.

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

You have not specified a directory for the -devices=dir option.

Action

Specify a valid directory that contains the block devices to be used as SAN File System data volumes.

HSTCL0002E Directory *directory_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.

HSTCL0003E No value exists for pat= in the -devices parameter value.

Explanation

You have not specified a pattern for the -devices=pat option.

Action

Specify a valid pattern that selects the block devices you want to use as SAN File System data volumes. For example, to use all scsi disks, specify -devices=pat=/dev/sd*[a-z]

HSTCL0004E The value *parameter_value* for -devices parameter is not recognized. It should be dir=dirname, pat=pattern, none, or default.

Explanation

You have specified an invalid value for the -devices option.

Action

The valid values for -devices option are -devices=dir=dirname, -devices=pat=pattern, -devices="none", and -devices="default", where 'dirname' is a directory containing the device special files and 'pattern' is a simple regular expression that selects the appropriate device special files. Examples:

-devices=dir=/dev/sfsdisks/ -devices=pat=/dev/sd*[a-z]

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

You have not specified a client name, and the host name is unknown.

Action

Because you have not specified a client name and the host name is unknown, SAN File System will attempt to create a client with the default name of "stfsclient".

To override the default client name, explicitly specify a client name or set the host name of this system. Refer to `hostname(1)` manpage for details on setting the host name. If you set the host name of the system and want that host name to take effect or if you want to specify a client name, you must destroy and recreate the client.

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

If no client name is specified, then it defaults to the host name. However, in this case the host name was also not set.

Action

Either specify the client name, or use SMIT to set the host name, and rerun this command to pick up the default hostname.

HSTCL0008E You cannot specify both the -create parameter and the -destroy parameter in 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 have to run the stfsclient command twice. Run it once with the -create parameter specified, and once with -destroy parameter specified.

HSTCL0009E You can specify -create, -destroy, or -query, but you can 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 metadata 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 metadata 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 metadata 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 allowed 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 metadata server specification, is not a simple number. It is *port_value*.

Explanation

You have specified an invalid port number for the SAN File System metadata server.

Action

You must specify a numeric value for the port number, and this number must be same as the client port number specified while starting up the SAN File System metadata server.

HSTCL0028E Could not resolve host name *host_name*.

Explanation

The SAN File System client program was unable to resolve the host name specified for the SAN File System metadata server.

Action

Specify the fully qualified host name (for example, host name and domain name) of the system on which the SAN File System metadata server is running. Also, ensure that your DNS settings are correct. Refer to host name and domainname man pages for more information.

HSTCL0029E Could not allocate memory to store IP addresses.

Explanation

There is not enough memory left to perform this operation.

Action

Run this command again when more memory is available. For example, run it when some processes finish.

HSTCL0030E The creation of client named *client_name* for SAN File System metadata server at IP address *IP_address*, port *port_number* failed. The SAN File System driver response is *driver_error_text*.

Explanation

Creation of the client failed.

Action

Review the error message displayed by the file system driver and take appropriate action. If the problem persists contact your service representative for further assistance.

HSTCL0031I The client named *client_name* was created with client identifier *client_ID* for SAN File System metadata server at IP address *ID_address*, port *port_number*.

Explanation

The specified SAN File System was created successfully.

Action

You can proceed to mount the client on a mount point.

HSTCL0032E The client named *client_name* was created with client identifier *client_ID* for SAN File System metadata server at IP address *ID_address*, port *port_number*. However, the client could not contact the SAN File System metadata server.

Explanation

The specified client was created, but it could not contact the specified SAN File System metadata server.

Action

Check to make sure that the metadata server name/IP address and metadata server port number specified match the host name/IP address of the SAN File System metadata server. Also make sure that the port number specified here matches the client port number specified when the SAN File System metadata server was started. Ensure that the SAN File System metadata server is up and running.

This could also happen if there are any network problems such as:

- Intermittent network failures
- Incorrect DNS entries
- Failed Network interfaces

HSTCL0033E Could not resolve metadata server specification *server_specification (error_text)*.

Explanation

The specified host name, IP address, or port number SAN File System metadata server could not be resolved.

Action

This could be either because the specified host name/IP address or port number of the metadata server are incorrect, or because the system is running low on memory.

Check to make sure that the specified host name/IP address of matches the host name/IP address of metadata server. Also check that the specified port number corresponds to the client port number specified while starting the metadata server.

If the system is running low on memory, wait until some memory becomes available or terminate some unnecessary applications.

HSTCL0034E Could not open control file *file_name*. The error number is *error_number* (*error_text*).**Explanation**

The SAN File System client program was unable to open the control file used to communicate with the SAN File System driver.

Action

Check to make sure that the SAN File System driver is loaded into the kernel. You can do this by checking output of `/sbin/lsmmod`. If the driver is not loaded, use `/sbin/insmod` to load it and then run the `stfsclient` program.

If the SAN File System driver is indeed loaded, the system might be running low on memory. If so, wait until some memory becomes available or terminate any unnecessary applications. Then unload and re-load the SAN File System driver and create the `stfsclient`.

If the problem persists, contact your service representative for further assistance.

HSTCL0035E An error occurred while converting the network address to presentation form. The error number is *error_number* (*error_text*).**Explanation**

The SAN File System client program encountered an error while converting the network address.

Action

This could be either because the specified host name/IP address or port number of the metadata server are incorrect, or because the system is running low on memory.

Check to make sure that the specified host name/IP address of matches the host name/IP address of metadata server. Also check that the specified port number corresponds to the client port number specified while starting the metadata server.

If the system is running low on memory, wait until some additional memory is available, or terminate any unnecessary applications.

If the reported error number is `ENOSPC` or `EAFNOSUPPORT`, it indicates that the client program encountered an internal error. Contact your service representative for further assistance.

HSTCL0036E An error occurred while writing a command to *file_name*. The error number is *error_number* (*error_text*).

Explanation

The SAN File System client program was unable to open the control file used to communicate with the file system driver.

Action

Check to make sure that the SAN File System driver is loaded into the kernel. You can do this by checking output of `/sbin/lsmmod`. If the driver is not loaded, load the driver and then run the `stfsclient` program to create a client.

If the SAN File System driver is loaded, the system might be running low on memory. If so, wait for some memory to become available, and unload and re-load the file system driver module. If the problem persists, contact your service representative for further assistance.

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

The SAN File System client program was unable to complete a write to the control file used to communicate with the SAN File System driver.

Action

The system might be running low on memory. If so, wait for some memory to become available and unload and re-load the file system driver module.

If the problem persists, contact your service representative for further assistance.

HSTCL0038E Could not contact the metadata server on IP address *IP_address*. Attempting to contact metadata server using another IP address.

Explanation

This problem might occur either because host name, IP address, or port number of the SAN File System metadata server are incorrect or there were network problems such as:

- Intermittent network failures
- Incorrect DNS entries
- Failed Network interfaces

Action

View the system error reports for errors related to this problem. Solve the problem or contact your service representative for further assistance.

HSTCL0039E Could not destroy client *client_name* (*error_text*).**Explanation**

The SAN File System client program was unable to destroy the specified client.

Action

This could be because the specified client does not exist, or because the system is running low on memory. Check to make sure that the SAN File System driver is loaded and that the specified client exists.

If the specified client exists, the system might be running low on memory. If so, wait until some memory becomes available, or terminate any unnecessary applications. Then run the command to destroy the client again.

If the problem persists, contact your service representative for further assistance.

HSTCL0040E Could not destroy client. File system driver response is *driver_error_text*.**Explanation**

The SAN File System client program was unable to destroy the specified client.

Action

Refer to the additional information displayed with this message. Some of the common reasons for being unable to destroy the client are:

- The specified client does not exist.
- There are active file system images on this client.
- The system is running low on memory.

If there are active file system images on this client, unmount them before destroying the client.

If the system is running low on memory, wait until some memory becomes available, or terminate any unnecessary applications. Then run the command to destroy the client again.

If the problem persists, contact your service representative for further assistance.

HSTCL0041E Could not query clients. (*error_text*).**Explanation**

This error can occur for a variety of reasons, such as:

- Insufficient memory
- Too many SAN File System virtual clients in the system
- An error in SAN File System kernel extension

Action

View the error message and syslogs for errors that might be related to this problem.

HSTCL0042I Client *client_name* destroyed.

Explanation

The specified client was successfully destroyed.

Action

If this is the last SAN File System client, you can proceed to unload the module. Or if necessary, you can re-create the SAN File System client with the same name again.

HSTCL0043E The client was created, but no disk candidates were established. Therefore, you will be unable to read or write any file data (*error_text*). To establish candidates now, use the `stfsdisk` command.

Explanation

The virtual client was 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

There are currently no SAN File System virtual clients in the system. However, there is a kernel extension with the specified path name.

Action

Create SAN File System virtual clients and repeat this command to view the list of virtual clients.

HSTCL0045E The proc file *file_name* could not be opened. The error number is *error_number* (*error_text*).

Explanation

The SAN File System client program was unable to open the disk control file used to communicate with the SAN File System disk configuration thread.

Action

Check to make sure that the SAN File System driver is loaded into the kernel. You can do this by viewing the output of `/sbin/lsmmod`. If the driver is not loaded, load it and then run the `stfsclient` program.

If the SAN File System driver is loaded, the system might be running low on memory. If so, wait until some memory becomes available, or terminate any unnecessary applications. Then unload and re-load the SAN File System driver and create the `stfsclient`.

If the problem persists, contact your service representative for further assistance.

HSTCL0046E The call `stat(file_name)` failed. The error number is `error_number` (`error_text`).

Explanation

The `stat(2)` system call failed on the specified file/device.

Action

Check to make sure that the specified file/device is valid and that you have sufficient privileges to access the file/device.

HSTCL0047E File `file_name` is not a block-device special file.

Explanation

The device specified for use as a SAN File System data volume, is not a block device.

Action

Make sure that the device specified for use as SAN File System data volume is a block device.

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

Raw special files in the `/dev` directory typically have permission bits of `crw-----`. Block special files in the `/dev` directory typically have permission bits set to `brw-----`. SAN File System requires raw special files on which it will store data.

Action

Specify raw special files devices and run the command again.

HSTCL0049E File *file_name* is not a device special file.**Explanation**

You need to specify a raw disk device. Raw devices in the /dev directory typically have permission bits of crw-----. SAN File System requires raw devices on which it will store data.

Action

Specify raw disk devices and run the command again.

HSTCL0050W Ignoring entry *directory_entry* in directory *directory_name* (*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.

HSTCL0051E Could not open directory *directory_name*. The error number is *error_number* (*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.

HSTCL0052E Could not allocate memory for devnoArray.**Explanation**

No additional information is available for this message.

Action

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

HSTCL0053E Could not allocate memory for deviceNameArray.**Explanation**

There is not enough memory remaining to perform this operation.

Action

Run this command again when more memory is available, for example when some of the currently running applications have finished.

HSTCL0054E Could not allocate memory for editBuffer.

Explanation

There is not enough memory remaining to perform this operation.

Action

Run this command again when more memory is available, for example when some of the currently running applications have finished.

HSTCL0055E Could not determine the current working directory (*error_text*).

Explanation

getcwd() could fail for any one of a variety of reasons such as:

- Read or search permission was denied for a portion of the path name.
- Insufficient memory.

Action

View the error message for clues to the problem and take corrective action.

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.

Action

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

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.

Action

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

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.

Action

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

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.

Action

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

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.

Action

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

HSTCL0061E An error occurred while adding a candidate after *candidate_name* was successfully added. (*error_text*).

Explanation

There was probably an internal error in the kernel extension that caused this failure, and that resulted in the inability to add this disk candidate.

Action

View the syslog for errors related to this problem. If that does not help resolve the issue, consult the "Maintenance and Problem Determination Guide" for suggestions.

HSTCL0062E Could not allocate *number_of_bytes* bytes for a write buffer.

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

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.

Action

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

HSTCL0065E Cannot open disk candidate proc file (*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.

**HSTCL0066E The value for deviceSet.deviceSetType
device_set_type_value 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.

HSTCL0067E Could not compute the device number list (*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.

**HSTCL0068I Establishing *candidate_list* candidate SAN File System
user data disk devices.**

Explanation

No additional information is available for this message.

Action

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

HSTCL0069E Could not establish disk candidate list. (*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.

**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 want 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

Sysconfig() failed because of an internal error in the Kernel Extension.

Action

View the syslog messages that might be related to this error and take appropriate action. Contact your service representative for further assistance.

HSTCL0073E There is no kernel extension named *kernel_extension_name*.

Explanation

No additional information is available for this message.

Action

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

HSTCL0074E The system call failed before calling the SAN File System driver.

Explanation

This failure might have occurred because of an internal error.

Action

View the syslog for errors that might be related to this problem. Contact your service representative for further assistance.

HSTCL0075E The system call failed with error number *error_number* (*error_text*). The SAN File System driver created the client successfully.

Explanation

This failure might have occurred because of an internal error.

Action

View the syslog for errors that might be related to this problem. Contact your service representative for further assistance.

HSTCL0076E The SAN File System driver response is *driver_error_text*

Explanation

This failure might have occurred because of an internal error. It could also occur because of an incorrect parameter like a null client name.

Action

View the error messages and the syslog for errors that might be related to this problem. Contact your service representative for further assistance.

HSTCL0077E The call `sysconfig(SYS_CFGKMOD)` failed with error number *error_number* (*error_text*). *additional_error_text*.

Explanation

This failure might have occurred because of an internal error. It could also be a result of an incorrect parameter like a null client name.

Action

View the error messages and syslog for errors that may be related to this problem. Contact your service representative for further assistance.

HSTCL0078E The system call failed without calling SAN File System driver.

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

HSTCL0080E SAN File System driver response is *driver_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.

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.

Action

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

HSTCL0082E Could not determine the SAN File System driver instance. (*error_text*).

Explanation

The specified SAN File System driver instance was not found. There might not be a SAN File System driver instance loaded.

Action

Use the `genkex` command to verify that the SAN File System driver instance is loaded. Run this command again, specifying that SAN File System driver instance.

HSTCL0083E Internal error. The network address 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.

HSTCL0084E Could not create a client named *client_name* on the metadata server on port *port_number* of IP address *IP_address* (*error_text*).

Explanation

This error could have occurred for a variety of reasons, such as:

- A client name is too long.
- A client name is NULL.

Action

View the syslog messages for errors that might be related to this problem. Make appropriate changes to correct this problem.

HSTCL0085E Could not create a client named *client_name* for metadata server *server_name* (*error_text*).

Explanation

This error could occur for a variety of reasons including internal errors.

Action

View the error messages and syslogs and make appropriate changes to correct this problem.

HSTCL0086I Created a client with the client identifier *client_identifier*.

Explanation

No additional information is available for this message.

Action

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

HSTCL0087E Created a client with the client identifier *client_identifier*. However, the client could not contact the metadata server.

Explanation

This problem could occur either because the host name, IP address, or port number of the SAN File System metadata server are incorrect, or there were network problems such as:

- Intermittent network failures
- Incorrect DNS entries
- Failed network interfaces

Action

View the system error reports for errors related to this problem. Solve the problem or contact your service representative for further assistance.

HSTCL0088E Could not allocate memory for current working directory.

Explanation

There is not enough memory remaining to perform this operation.

Action

Run this command again when more memory is available, for example when some of the currently running applications have finished.

HSTCL0089E The call to `getcwd()` failed with the error number *error_number* (*error_text*).

Explanation

`getcwd()` could fail for any one of a variety of reasons such as:

- Read or search permission was denied for a portion of the path name.
- Insufficient memory.

Action

View the error message for clues to the problem and take corrective action.

HSTCL0090I Starting the SAN File System client.

Explanation

No additional information is available for this message.

Action

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

HSTCL0091E The command `/usr/tank/client/bin/setupstclient -noprompt` failed.

Explanation

No additional information is available for this message.

Action

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

HSTCL0092I Run /usr/tank/client/bin/setupstclient -prompt

Explanation

No additional information is available for this message.

Action

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

HSTCL0093E The command /usr/tank/client/bin/setupstclient 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.

HSTCL0094I Shutting down SAN File System client.

Explanation

No additional information is available for this message.

Action

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

HSTCL0095E The command /usr/tank/client/bin/rmstclient -noprompt failed.

Explanation

No additional information is available for this message.

Action

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

HSTCL0096E The command /usr/tank/client/bin/rmstclient 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.

HSTCL0097I The SAN File System client 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.

HSTCL0098I The SAN File System client is stopped.**Explanation**

No additional information is available for this message.

Action

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

HSTCL0099I Usage: \$0 {start|stop|status|restart}**Explanation**

No additional information is available for this message.

Action

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

HSTCL0100E Could not allocate memory for client names.**Explanation**

No additional information is available for this message.

Action

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

HSTCL0101E Too many new clients were created.**Explanation**

There is not enough memory remaining to perform this operation.

Action

Run this command again when more memory is available, for example when some of the currently running applications have finished.

HSTCL0102E The converter specified by the -converter parameter is not recognized.**Explanation**

No additional information is available for this message.

Action

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

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 for more information.**Explanation**

No additional information is available for this message.

Action

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

HSTCL0104E Address value *pointer_address* 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.

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

Sysconfig() failed because of an internal error in the Kernel Extension.

Action

View the syslog messages that might be related to this error and take appropriate action. Contact your service representative for further assistance.

HSTCL0106E No kernel extension is loaded from file *file_name*.

Explanation

The specified kernel extension is not loaded.

Action

Use the genkex command to determine the name of the kernel extension. Run this command again with that name.

HSTCL0107E There is no device named *fstype*.

Explanation

No additional information is available for this message.

Action

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

HSTCL0108E The device file named *module_device* is not a block device. The error number is *error_number* (*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.

HSTCL0109E Failed to make block device named *module_device*. The error number is *error_number* (*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.

HSTCL0110E Failed to issue ioctl for device named *module_device*. The error number is *error_number* (*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.

HSTCL0111E Failed to unlink device named *module_device*. The error number is *error_number* (*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.

HSTCL0112E Specifying *dir=/dev* for the *-devices* option is currently not supported.

Explanation

You must specify a directory that contains only the block device nodes or symbolic links to block device nodes that you want to use as the SAN File System data volumes.

Action

Specify a valid directory that contains the block devices to be used as SAN File System data volumes.

HSTCO0001E Number *number* 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.

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.

Action

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

HSTCO0003E Floating point number *number* 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.

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.

Action

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

HSTCO0005E Address value *pointer_address* 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.

HSTCO0006E Shhopt internal error: Value is not valid for the parameter type: *parameter_type*.

Explanation

No additional information is available for this message.

Action

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

HSTCO0007E Unrecognized parameter *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.

HSTCO0008E Parameter *parameter_name* requires an argument.

Explanation

No additional information is available for this message.

Action

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

HSTCO0009E Parameter *parameter_name* does not allow an argument.

Explanation

No additional information is available for this message.

Action

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

HSTCO0010E Unrecognized parameter *-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.

HSTCO0011E Could not allocate space for new-format option table.

Explanation

No additional information is available for this message.

Action

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

HSTCO0012E Ambiguous parameter -*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.

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

Re-run the setup utility 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

modunload failed.

Action

Verify that SAN File System is not mounted.

HSTCS0013E Could not unload SAN File System kernel module

Explanation

stfsdriver -unload failed.

Action

Contact your service representative.

HSTCS0014E Could not load the SAN File System kernel extension

Explanation

stfsdriver -load failed.

Action

Contact your service representative.

HSTCS0015E Could not unload the SAN File System kernel extension**Explanation**

stfsdriver -unload failed.

Action

Contact your service representative.

**HSTCS0016W %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.

HSTCS0017E 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.

HSTCS0018E 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.

HSTCS0019E Could not add a vfstab entry for sanfs**Explanation**

An attempt to add an entry to /etc/vfstab has failed.

Action

Contact your service representative.

HSTCS0020E Failed to add an entry to /etc/filesystems.

Explanation

An entry must be made in /etc/filesystems to allow some of the AIX file system utilities to function properly.

Action

Verify that /etc/filesystems exists and is readable.

HSTCS0021E Failed to remove the /etc/filesystems entry.

Explanation

Failed to open /etc/filesystems while attempting to remove the SAN File System entry that was made by setupstclient.

Action

Verify that /etc/filesystems exists and is readable.

HSTCS0022W Found an unexpected entry in /etc/filesystems at line %line_num Found: %found_line Expected: %expect_line

Explanation

rmstclient did not find the expected /etc/filesystems entry. This might occur if the entry for this SAN File System mount point, in /etc/filesystems, was modified since the mount was setup.

Action

Remove the /etc/filesystems entry for this SAN File System mount point by editing the file manually.

HSTCS0023E Cannot stat %file_name: %error_number

Explanation

An attempt to get a required files attributes failed.

Action

Verify that the file exists.

HSTCS0024E Cannot change owner of %file_name: %error_number

Explanation

An attempt to change the owner of the file failed.

Action

If you are root this should never fail.

HSTCS0025E Cannot change permission for %file_name: %error_number**Explanation**

An attempt to change the permissions of the file failed.

Action

If you are root this should never fail.

HSTCS0026E Cannot rename %temp_name to %file_name: %error_number**Explanation**

An attempt to rename the file failed.

Action

If you are root this should never fail.

HSTCS0027E Cannot write to %file_name: %error_number**Explanation**

An attempt to write to the file failed.

Action

Make sure the filesystem is not full.

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.

Action

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

HSTDK0010E Could not allocate memory for the results of the call to mntctl().

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

HSTDK0012E There are too many current mounts to list.

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

HSTDK0014E The call to `fscntl()` returns error number *error_number* (*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.

HSTDK0015E Cannot find the file system image (*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.

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.

Action

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

HSTDK0017I Started disk configuration on the file system image with vfsnumber *vfs_number*.**Explanation**

No additional information is available for this message.

Action

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

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.

Action

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

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.

Action

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

HSTDK0020E You must specify the -add, -remove, -query, or -discover parameter.

Explanation

No additional information is available for this message.

Action

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

HSTDK0021I No disk candidates exist.

Explanation

No additional information is available for this message.

Action

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

HSTDK0022I There are *number_of_candidates* more candidates.

Explanation

No additional information is available for this message.

Action

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

HSTDK0023E Could not add disk candidate *disk_candidate_name* to client *client_name* (*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.

HSTDK0024E Could not remove disk candidate *disk_candidate_name* from client *client_name* (*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.

HSTDK0025E Could not query disk candidate list of client *client_name* (*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.

HSTDK0026E Could not discover disks on client *client_name*. (*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.

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.

Action

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

HSTDR0002E OBSOLETE The -kmid parameter is not valid for a -load parameter.

Explanation

No additional information is available for this message.

Action

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

HSTDR0003E You can specify the -fstypename parameter or the -fstypenumber parameter, but not both on the same command.

Explanation

No additional information is available for this message.

Action

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

HSTDR0004E For the load command, you must specify the file specification of the file system driver file you want to load.

Explanation

The file system driver is typically named stfs. Specify the path name of this driver file in the load command.

Action

Rerun this command with the correct file system driver path name.

HSTDR0005E For the -load parameter, you can only specify one value: file specification. You specified *number_of_parameter_values*.

Explanation

Along with the -load parameter you need to specify only the SAN File System driver path name. You specified additional parameters.

Action

Rerun this command with just the file system driver path name with the -load parameter.

HSTDR0006E The -fstypenumber parameter is not valid for the -unload parameter.

Explanation

You need to specify only the SAN File System driver path name along with the -unload parameter. SAN File System driver is typically named stfs.

Action

Run this command again with only the file system driver path name with the -unload parmeter.

HSTDR0007E The -fstypename parameter is not valid for the -unload parameter.

Explanation

You need to specify only the SAN File System driver path name along with the -unload parameter. SAN File System driver is typically named stfs.

Action

Run this command again with only the file system driver path name with the -unload parmeter.

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.

Action

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

HSTDR0009E For the unload command, you must specify the file specification of the file system driver file you want to unload.

Explanation

You need to specify only the SAN File System driver path name along with the -unload parameter. SAN File System driver is typically named stfs.

Action

Run this command again with only the file system driver path name with the -unload parmeter.

HSTDR0010E For the -unload parameter, you can only specify one value: file specification. You specified *number_of_parameters*.

Explanation

You need to specify only the SAN File System driver path name along with the -unload parameter. SAN File System driver is typically named stfs.

Action

Run this command again with only the file system driver path name with the -unload parmeter.

HSTDR0011E The -debugInit parameter is not valid for the -unload parameter.

Explanation

You need to specify only the SAN File System driver path name along with the -unload parameter. SAN File System driver is typically named stfs.

Action

Run this command again with only the file system driver path name with the -unload parmeter.

HSTDR0012E The -tracefile parameter is not valid for the -unload parameter.

Explanation

You need to specify only the SAN File System driver path name along with the -unload parameter. SAN File System driver is typically named stfs.

Action

Run this command again with only the file system driver path name with the -unload parmeter.

HSTDR0013E The -fstypenumber parameter is not valid for the -query parameter.

Explanation

You need to specify only the SAN File System driver path name along with the -query parameter. SAN File System driver is typically named stfs.

Action

Run this command again with only the file system driver path name with the -query parmeter.

HSTDR0014E The -fstypename parameter is not valid for the -query parameter.

Explanation

You need to specify only the SAN File System driver path name along with the -query parameter. SAN File System driver is typically named stfs.

Action

Run this command again with only the file system driver path name with the -query parameter.

HSTDR0015E OBSOLETE The -kmid parameter is not valid for the -query parameter.

Explanation

No additional information is available for this message.

Action

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

HSTDR0016E For the -query parameter, you must specify the file specification of the object file from which the kernel extension was loaded.

Explanation

You need to specify only the SAN File System driver path name along with the -query parameter. SAN File System driver is typically named stfs.

Action

Run this command again with only the file system driver path name with the -query parameter.

HSTDR0017E For the -query parameter, you can specify only one value: file specification. You specified *number_of_parameters*.

Explanation

You need to specify only the SAN File System driver path name along with the -query parameter. SAN File System driver is typically named stfs.

Action

Run this command again with only the file system driver path name with the -query parameter.

HSTDR0018E The -debugInit parameter is not valid for the -query parameter.

Explanation

You need to specify only the SAN File System driver path name along with the -query parameter. SAN File System driver is typically named stfs.

Action

Run this command again with only the file system driver path name with the -query parameter.

HSTDR0019E The -tracefile parameter is not valid for the -query parameter.

Explanation

You need to specify only the SAN File System driver path name along with the -query parameter. SAN File System driver is typically named stfs.

Action

Run this command again with only the file system driver path name with the -query parameter.

HSTDR0020E The -synctrace parameter is not meaningful unless you also specify the -tracefile parameter.

Explanation

The -synctrace option implies that the driver writes messages to the trace file synchronously.

Action

You must use the -tracefile option if you are using the -synctrace option.

HSTDR0021E Could not find Virtual File System entry for file-system type name *file_system_type_name* in /etc/vfs.

Explanation

There is no entry in /etc/vfs for the file system name specified.

Action

Edit /etc/vfs to add an entry with this file system name. Then run this command again.

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.

Action

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

HSTDR0023E There is no kernel extension loaded from 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.

HSTDR0024E The SAN File System driver response is *driver_error_text*.

Explanation

This error could have occurred for a variety of reasons including an internal error in the file system driver. This could also occur because the fstypenum while loading the SAN File System driver conflicts with an existing filesystem.

Action

View the errors and syslog for errors that might relate to this problem. Contact your service representative for further assistance.

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

The kernel extension (file system driver) was loaded, but it could not be configured. This might be due to an internal error in the kernel extension.

Action

View the syslog for errors that might relate to this problem. Contact your service representative for further assistance.

HSTDR0026E Unloading kernel extension due to error...

Explanation

The kernel extension (file system driver) was loaded, but it could not be configured. This might be due to an internal error in the kernel extension. The kernel extension was unloaded.

Action

View the syslog for errors that might relate to this problem. Contact your service representative for further assistance.

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

The kernel extension (file system driver) was loaded, but it could not be configured. This might be due to an internal error in the kernel extension. Attempt to unload the kernel extension also failed.

Action

View the syslog for errors that might relate to this problem. Contact your service representative for further assistance.

HSTDR0028E Could not load kernel extension. The error number returned by sysconfig(SYS_KLOAD) is *error_number* (*error_text*).

Explanation

This error can occur for a variety of reasons such as trying to load a file that is not a kernel extension.

Action

Ensure that you are indeed attempting to load a SAN File System kernel extension. SAN File System kernel extension is typically named stfs.

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.

Action

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

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.

Action

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

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

This error can occur for a variety of reasons. One example is when there are instances of SAN File System virtual clients and the resource is busy.

Action

View the errors and syslogs that might be related to this problem and take appropriate steps.

HSTDR0032W Continuing even though an error occurred due to -force parameter.

Explanation

No additional information is available for this message.

Action

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

HSTDR0033I SAN File System driver shut down successfully.

Explanation

No additional information is available for this message.

Action

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

HSTDR0034E Could not unload kernel extension with `kmid = kernel_module_identifier`. The error number from `sysconfig(SYS_KULOAD)` is `error_message (error_text)`.

Explanation

The kernel extension was unconfigured but could not be unloaded, possibly because of an internal error in the kernel extension.

Action

View the error messages and syslogs for clues that might relate to this problem. Contact your service representative for further assistance.

HSTDR0035I The kernel extension `kernel_extension_name` was unloaded successfully.

Explanation

No additional information is available for this message.

Action

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

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

This error might have occurred due to an internal error in the kernel extension.

Action

View the syslogs for errors that might be related to this problem. Contact your service representative for further assistance.

HSTDR0037I No kernel extension is loaded from 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.

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.

Action

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

HSTDR0039E Internal error: impossible value for *cmdline.operation*

Explanation

Invalid parameter supplied as parameter to stfsdriver.

Action

Supply one of -load, -unload and -query as parameters to stfsdriver and run this command.

HSTDR0040E Operation failed (*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.

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.

Action

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

HSTDR0042E There is already a kernel extension loaded from file *file_name*.

Explanation

An instance of the kernel extension with the same name is already loaded on this system.

Action

Unload the previous instance of the kernel extension before attempting to load this one, or load this kernel extension with a different path name.

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.

HSTIA0009I Starting the SAN File System client.

Explanation

No additional information is available for this message.

Action

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

HSTIA0010E The command /usr/tank/client/bin/setupstclient -noprompt failed.

Explanation

No additional information is available for this message.

Action

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

HSTIA0011I Run /usr/tank/client/bin/setupstclient -prompt

Explanation

No additional information is available for this message.

Action

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

HSTIA0012E The command /usr/tank/client/bin/setupstclient 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.

HSTIA0013I Shutting down SAN File System client.

Explanation

No additional information is available for this message.

Action

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

HSTIA0014E The command /usr/tank/client/bin/rmstclient -noprompt failed.

Explanation

No additional information is available for this message.

Action

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

HSTIA0015E The command /usr/tank/client/bin/rmstclient 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.

HSTIA0016I The SAN File System client 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.

HSTIA0017I The SAN File System client is stopped.

Explanation

No additional information is available for this message.

Action

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

HSTIA0018I Usage: \$0 {start|stop|status|restart}

Explanation

No additional information is available for this message.

Action

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

HSTIA0019E This package can not be removed while the SAN File System client is running.

Explanation

The SAN File System client package can not be removed while the SAN File System client is active.

Action

Execute `/usr/tank/client/bin/rmstclient` to stop the client.

HSTMO0001E At a minimum, you must specify the mount point (directory) as a parameter.

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

HSTMO0003E The call to mount() was interrupted by a SIGINT signal.

Explanation

No additional information is available for this message.

Action

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

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. Refer to 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.

Action

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

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.

Action

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

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.

Action

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

HSTMO0008E Interrupted by a SIGINT signal while trying to open lock 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.

HSTMO0009E Lock file *file_name* already exists. Another client currently holds the lock.

Explanation

No additional information is available for this message.

Action

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

HSTMO0010E The call `open(file_name)` failed with error number `error_number` (`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.

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.

Action

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

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.

Action

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

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.

Action

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

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.

Action

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

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.

Action

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

HSTMO0016E Could not open the list of standin devices *file_name*. The call to fopen() failed with error number *error_number* (*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.

HSTMO0017E A line of *standin_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.

Action

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

HSTMO0018E There are no unused stdin devices for the *file_system_type* file-system type.

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

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.

Action

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

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`. The system could not obtain a lock on `/etc/mtab` and cannot update the file. This caused 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 standin 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 standin block device. It creates a temporary block-device-specific file for the standin 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 standin block device for the global file system image.

HSTMO0023E Could not create a unique standin 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 standin block device. It creates a temporary block-device-specific file for the standin 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 standin block device for the global file system image.

HSTMO0024E Internal Error. The call `format_text()` failed in the call `fatal()`.

Explanation

One of the possible reasons for this error is insufficient memory.

Action

View the error message and take appropriate steps.

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

There is no entry in /etc/vfs for the file system name specified.

Action

Edit /etc/vfs to add an entry with this file system name. Then run this command again.

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

This error can occur for a variety of reasons such as:

- Calling process does not have requisite authority.
- The mount table of the kernel is full.
- An internal error is in the file system.
- An attempt was made to mount SAN File System instance without loading the driver.

Action

View the syslogs for errors that might be related to this problem. Contact your service representative for further assistance.

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.

Action

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

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.

Action

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

HSTMO0033E Could not allocate *allocation_size* bytes for the vmount structure.

Explanation

malloc() for allocating a vmount structure failed. This error could happen due to reasons such as:

- Too many mounts are on the system.
- There is insufficient memory available on the system.

Action

View the error messages and syslogs that might be related to this problem and take appropriate action. Contact your service representative for further assistance.

HSTMO0034E Internal error. There is a mismatch in the vmount structure size calculation.

Explanation

This is caused by an internal error in SAN File System.

Action

Contact your service representative for further assistance.

HSTMO0035E The file-system type is unknown (*error_text*).

Explanation

This error can happen for reasons like an incorrect entry in /etc/vfs.

Action

Edit /etc/vfs to make suitable entries, and then run this command again.

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

This error can occur for a variety of reasons such as:

- An internal error in SAN File System
- Insufficient memory
- I/O errors

Action

View the syslogs and error messages and take appropriate actions. Contact your service representative for further assistance.

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.

Action

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

HSTMO0038E Internal error. The call to format_text() failed in main().

Explanation

One of the possible reasons for this failure is insufficient memory for malloc()

Action

View the error message and take appropriate action.

HSTMO0039E The call to statfs() failed with the error number *error_number* (error_text) after successful mount. The reported vfsnumber might not be correct.

Explanation

This error can occur for a variety of reasons such as:

- An internal error in SAN File System
- I/O errors

Action

View the syslogs and error messages and take appropriate actions. Contact your service representative for further assistance.

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.

Action

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

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.

Action

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

HSTST0005E OBSOLETE There is no kernel extension named *kernel_extension_name*.

Explanation

No additional information is available for this message.

Action

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

HSTST0006E System call failed without calling the SAN File System driver.

Explanation

No additional information is available for this message.

Action

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

HSTST0007E SAN File System driver response is *driver_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.

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.

Action

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

HSTST0009E Could not determine the SAN File System driver instance (*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.

HSTST0010E Could not obtain file system driver status on *kmid=kernel_extension_identifier* (*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.

HSTST0011E SAN File System version: *version_number*.

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

HSTUM0002E You can specify only one parameter. You specified *number_of_parameters*.

Explanation

No additional information is available for this message.

Action

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

HSTUM0003E The call to `uvmount()` returns error number *error_number* (*error_text*).

Explanation

This error can occur due to one of several reasons such as:

- Insufficient permissions to unmount the filesystem
- The resource is busy
- An internal error in SAN File System

Action

View the error messages and syslogs for errors that might be related to this error and take appropriate action.

HSTUM0004E Cannot determine what needs to be unmounted (*error_text*).

Explanation

This error can occur because a wrong mount point was specified to the `stfsumount` program.

Action

Determine the correct SAN File System mount point. You could use the `mount` command to determine the set of mounted file systems. Then provide the correct mount point to `stfsumount`.

HSTUM0005E Could not unmount file system image with `vfsnumber` *vfs_number* (*error_text*.)

Explanation

This error can occur due to one of several reasons such as:

- There are insufficient permissions to unmount the filesystem.
- The resource is busy.
- An internal error exists in SAN File System.

Action

View the error messages and syslogs for errors that might be related to this error and take appropriate action.

HSTUM0006W Forcefully unmounted the file system image with vfsnumber *vfs_number*.

Explanation

No additional information is available for this message.

Action

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

HSTUM0007I Unmounted the file system image with vfsnumber *vfs_number*

Explanation

No additional information is available for this message.

Action

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

Chapter 3. Linux client messages

This section provides the messages that can be generated by Linux SAN File System clients.

HSTIC0001E Could not stop the client. This package cannot be upgraded while the SAN File System client is running. No changes will be made.

Explanation

The SAN File System client package can be upgraded while the SAN File System client is active. The rpm attempts to stop the SAN File System client by running `/etc/rc.d/init.d/stfsclient stop`. If this operation fails, the upgrade can not continue. After the package has been upgraded the rpm will restart the SAN File System client by running `/etc/rc.d/init.d/stfsclient start`.

Action

Check that the SAN File System is not in use.

HSTIC0002E Could not stop the 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 cannot be removed while the SAN File System client is active. The rpm 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.

HSTIC0003E 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.

HSTIC0004W /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 rpm is installed, the rpm 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.

HSTIC0005E Could not start the client. Run /usr/tank/client/bin/setupstclient -prompt.

Explanation

The SAN File System client rpm can be upgraded while the SAN File System client is active. The rpm attempts to stop the SAN File System client by running /etc/rc.d/init.d/stfsclient stop. After the package has been upgraded, the rpm will restart the SAN File System client client by running /etc/rc.d/init.d/stfsclient start. If the configuration file is not valid, the restart may fail.

Action

Run /usr/tank/client/bin/setupstclient -prompt to verify that the configuration is correct.

HSTIC0006E No SAN File System client processes are running, but the module is loaded.

Explanation

No running client processes were found but the kernel module is loaded. This indicates that the client was not stopped cleanly or the module was loaded manually.

Action

To unload the module, run the rmmod command.

HSTIC0007E Failed to create a symbolic link from /usr/tank/codeset to /usr/tank/client/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.

HSTIC0008E 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.

HSTIC0009E 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 client is removed and the server is also installed on the system; the /usr/tank/codeset symbolic link needs to be set to /usr/tank/server/codeset.

Action

Verify /usr/tank has write permission.

HSTIC0010E This package can not be modified while the SAN File System client is running.**Explanation**

The SAN File System client package can not be upgraded or removed while the SAN File System client is active.

Action

Execute /usr/tank/client/bin/rmstclient to stop the client.

HSTIC0011I Starting the SAN File System client.**Explanation**

No additional information is available for this message.

Action

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

HSTIC0012E The command /usr/tank/client/bin/setupstclient -noprompt failed.

Explanation

No additional information is available for this message.

Action

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

HSTIC0013I Run /usr/tank/client/bin/setupstclient -prompt

Explanation

No additional information is available for this message.

Action

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

HSTIC0014E The command /usr/tank/client/bin/setupstclient 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.

HSTIC0015I Shutting down SAN File System client.

Explanation

No additional information is available for this message.

Action

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

HSTIC0016E The command /usr/tank/client/bin/rmstclient -noprompt failed.

Explanation

No additional information is available for this message.

Action

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

HSTIC0017E The command /usr/tank/client/bin/rmstclient 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.

HSTIC0018I The SAN File System client 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.

HSTIC0019I The SAN File System client is stopped.

Explanation

No additional information is available for this message.

Action

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

HSTIC0020I Usage: \$0 {start|stop|status|restart}

Explanation

No additional information is available for this message.

Action

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

Chapter 4. Solaris client messages

This section provides the messages that can be generated by Solaris SAN File System clients.

HSTSD0001E Usage: *program_name* -instance <path> -device <device pattern> <path> - a mount point or a pseudo device path <device> - path and pattern for the list of candidate disks

Explanation

No additional information is available for this message.

Action

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

HSTSD0002E Failed to open the device, *device_name*, returned, *return_code*.

Explanation

The attempt to open the pseudo device through which the Flexible SAN daemon receives requests failed.

Action

Call your IBM support representative.

HSTSD0003E Failed to initialize LUN discovery library, returned *return_code*.

Explanation

The initialization function for the Host LUN Discovery library failed.

Action

Call your IBM support representative.

HSTSD0004E Failed to start child process.

Explanation

The call to start a child process failed.

Action

Call your IBM support representative.

HSTSL0001I Usage: *program_name* <-s> <-f> -d 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.

HSTSL0002E *program_name*: Disk name required.**Explanation**

You must enter a disk name on the command line.

Action

Run the program again with a disk name specified.

HSTSL0003E *program_name*: Must be run with root privileges.**Explanation**

The labellun program requires root privileges to complete its tasks.

Action

Use the UNIX su command to obtain root permissions and run the command again.

HSTSL0004I Device, *disk_name*, appears to be in use. No label will be written.**Explanation**

The disk name provided is already included in an entry in the /etc/mnttab or /etc/vfstab file.

Action

Ensure that you have provided the correct disk name.

HSTSL0005I Device, *disk_name*, has an existing label.**Explanation**

The disk name that you provided already contains a Solaris disk label.

Action

If you want the existing Solaris disk label to be overwritten, answer yes at the prompt that asks if you want to continue the label-writing tasks. Otherwise, answer no at the continuation prompt.

HSTSL0006I Failed to write default label, *disk_name*, status *cmd_status*.

Explanation

The command to create the default Solaris disk label failed with the indicated status.

Action

Call your IBM support representative.

HSTSL0007I Failed to read the label from disk, */dev/rdisk/disk_name*, status *cmd_status*.

Explanation

The command to read the Solaris disk label failed with the indicated status.

Action

Call your IBM support representative.

HSTSL0008I Failed to create single partition, status *cmd_status*.

Explanation

The attempt to make the Solaris disk label contain only a single partition failed with the indicated status.

Action

Call your IBM support representative.

HSTSL0009I Disk, *disk_name*, has successfully been labeled.

Explanation

No additional information is available for this message.

Action

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

HSTSO0001I Usage: mount <device> <mount_point> <device> - is of the form <server>[:<cluster>] <mount_point> - is the full or relative path name of an existing directory.\ Use the -o option to define data specific to SAN File System.

Explanation

No additional information is available for this message.

Action

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

HSTSO0002E Invalid option, *option_value*, ignored.

Explanation

One of the options provided on the command line is not acceptable to the program.

Action

Use the help option (-help) to see a listing of valid command-line options.

HSTSO0003E Insufficient number of parameters.

Explanation

A required command-line parameter was not provided.

Action

Use the help option (-help) to see a description of required command-line options.

HSTSO0004E Metadata server name or mount directory missing.

Explanation

Either the metadata server name or the mount directory were missing from the mount program command line.

Action

Provide the missing parameter and run the mount command again.

HSTSO0005E Mount point, *mount_point*, is not a directory.

Explanation

The mount point provided to the mount program must be a full or relative path to a directory in the local file system.

Action

Ensure the path you provided as a mount point is a directory in the local file system.

HSTSO0006E Memory allocation failure.

Explanation

An attempt to allocate memory within the mount program failed.

Action

Run the program again. If the failure persists, the system might be low on available memory. Stop the execution of any unnecessary processes, and run the program again.

HSTSO0007E Unable to convert metadata server name to valid address.

Explanation

The metadata server name provided on the command line could not be converted into a valid IP address.

Action

Ensure that the metadata server name you provided is the correct master metadata server name.

HSTSO0008E Failed to mount, *device_name*, (*server_name*) on, *mount_point*, error *error_number*.

Explanation

The call to the mount(2) function failed, returning the indicated error.

Action

Ensure that you have UNIX root permissions. If you do not, use the UNIX su command to obtain root permissions and run the command again. If you have root permissions and the command still fails, call your IBM support representative.

HSTSO0009E Process creation failed, error *error_code*,

Explanation

The attempt to start the sanfsd daemon failed with the indicated error.

Action

Ensure that you have UNIX root permissions, and verify that there are not large numbers of processes running. This operation might fail because the system has reached its limit on the number of running processes.

HSTSO0010E Flexible SAN daemon failed to start, error *error_code*.

Explanation

The sanfsd daemon process could not start. Ensure that the sanfsd program exists. It should be located in the directory: /usr/tank/client/bin/sanfsd.

Action

There might be a problem with the sanfsd file, or the system might have too many processes running. Verify the existence of the sanfsd file, and ensure that the system is not running too many processes.

HSTSO0011E Failed to load and configure the SAN File System kernel module, error *error_code*.

Explanation

The action by the mount command to ensure that SAN File System is correctly initialized failed.

Action

Call your IBM support representative.

HSTSO0012E All mount attempts failed.

Explanation

All attempts to mount the SAN File System client with all of the metadata servers provided to the mount program have failed.

Action

Ensure that the SAN File System metadata server cluster is running and can be reached from the client.

HSTSO0013I The SAN File System mount option, *option_name*, is unrecognized, or is missing a required value. It will be ignored.

Explanation

One of the arguments provided using the -o option is not recognized by the mount command, or is valid but is missing its required argument.

Action

Verify that you have entered all options correctly. Refer to the product documentation to obtain the correct spelling of all mount options. For those options that require a value be sure you are providing a value.

HSTSO0014E Failed to obtain device name, returned, *return_code*.

Explanation

The mount program was unable to obtain the name of the pseudo device that corresponds to the provided mount point from the system.

Action

Call your IBM support representative.

HSTSO0015E Device not created.**Explanation**

The mount command timed out while waiting for the system to create the pseudo device that corresponds to the provided mount point.

Action

The system might be busy. Run the command again.

HSTSO0016E The converter specified by the converter= parameter is not recognized. It will be ignored.**Explanation**

The mount command could not validate the specified localization string converter. It will ignore the option and proceed with the mount without specifying any converter to the server.

Action

Unmount the file system and run the command again specifying the correct localization string converter name. Or use the mount as it is without any localization string conversions.

HSTSP0001E Invalid command, *option_value*.**Explanation**

The command provided is not one of the valid commands accepted by the program.

Action

Ensure that the command is valid. Use the help option (-help) to view all valid commands.

HSTSP0002E Insufficient number of parameters.**Explanation**

One of the arguments required by the program was not provided.

Action

Use the help option (-help) to determine which parameter is missing.

HSTSP0003E Memory allocation failure.**Explanation**

An attempt to allocate memory within the program failed.

Action

Run the program again. If the failure persists, the system might be low on available memory. Stop the execution of unnecessary processes, and run the program again.

HSTSP0004I Invalid trace level, *invalid_trace_level*, valid values are 0 to *valid_trace_level*.

Explanation

The trace level provided on the command line is outside of the acceptable range of values.

Action

Run the program again using a valid value for the trace level.

HSTSP0005I Corresponding trace classes will be ignored.

Explanation

No additional information is available for this message.

Action

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

HSTSP0006I Length of, *invalid_length*, is greater than the maximum size of *max_length*. It will be ignored.

Explanation

The length of the name entry displayed in the message exceeds the maximum length permitted.

Action

Shorten the entry and run the program again.

HSTSP0007I More than *max_entries* names were provided, excess entries are ignored.

Explanation

A single, delimited list contains more entries than the program can accept.

Action

Separate the list items into two or more smaller lists and run the program again.

HSTSP0008E Function failed returning, *return_code*, with system error, *error_code*.

Explanation

A call to the library function used to execute the requested action failed.

Action

Call your IBM support representative.

HSTSP0009E Failed to get *trace_component* trace values. Command returned, *return_code*, with system error, *error_code*.

Explanation

The function call to obtain the current trace values failed with the indicated errors.

Action

Call your IBM support representative.

HSTSP0010E Missing required argument.

Explanation

An argument required for the requested command is missing.

Action

Use the help option (-help) to view all required arguments for each command. Verify that the command which you are entering includes all necessary arguments.

HSTSP0011I Missing -level argument.

Explanation

The -level argument that is required to adjust the level of the provided trace classes is missing from the command line.

Action

Run the command again and include the -level option.

HSTSP0012I Invalid data name, *data_name*, ignored.

Explanation

The name provided is not recognized by the program.

Action

Use the appropriate -list option to view all valid names, and run the program again with the correct data name.

HSTSP0013E Failed to set *trace_component* trace values. Command returned, *return_code*, with system error, (*error_code*).

Explanation

The function call to set the trace values failed with the indicated errors.

Action

Call your IBM support representative.

HSTSP0014E Internal error, invalid opflag *invalid_option_flag*.

Explanation

A function internal to the sanfs_ctl program has encountered an error.

Action

Call your IBM support representative.

HSTSP0015I Multiple "-instance" arguments are not permitted. Only the first instance is used.

Explanation

More than one -instance option was specified, but only one is allowed.

Action

Run the program again with only a single -instance option.

HSTSP0016I Invalid argument, *option_value*, ignored.

Explanation

One of the options provided on the command line is not valid.

Action

Use the help option (-help) to view a list of valid options.

HSTSP0017I There are no disks currently available to *instance*.

Explanation

No additional information is available for this message.

Action

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

HSTSP0018I Cannot convert host, *host_name*, to a valid address.**Explanation**

The host identifier provided on the command line cannot be converted to a valid IP address.

Action

Ensure that the metadata server name or IP address that you provided is correct.

HSTSP0019E Failed to obtain a socket, error, *error_code*.**Explanation**

The program could not obtain a socket to the requested metadata server for gathering statistical data.

Action

Ensure that the metadata server identifier supplied on the command line is correct. Also, verify that the socket value provided on the command line is correct. Finally, verify that the process is running.

HSTSP0020I Failed to send statistical information, *error_code*.**Explanation**

An attempt to send statistical data over a socket failed with the indicated error code.

Action

Ensure that the process to which the statistical data is being sent is running.

HSTSP0021E Failed to obtain hostname, system error *error_code*.**Explanation**

The function call that returns the host name of the system failed with the indicated error value.

Action

Call your IBM support representative.

HSTSP0022E Failed to obtain network host information, system error *error_code*.**Explanation**

The function call to obtain networking information about the host failed with the indicated error value.

Action

Call your IBM support representative.

Chapter 5. 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 *numberbytes* 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 *numberbytes* 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 *numberbytes* 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 `statusreturn_code` while transferring `numberbytes` 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 `statusreturn_code` while reading `numberbytes` 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 `statusreturn_code` while writing `numberbytes` 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 `statusreturn_code` occurred while reading `numberbytes` 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 *statusreturn_code* while writing *numberbytes* 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_name*). epoch =

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_name*). epoch =

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_name*). epoch =

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_name). epoch =

Explanation

An internal error occurred

Action

Contact your service representative.

HSTCW0037W SAN File System client disk 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

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 at the specified line 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 problem at the specified line 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 6. 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.

HSTIL0001E The existing metadata server cannot be upgraded to this version. No changes will be made. To override and force the upgrade, 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 metadata server can be stopped using the administrative command-line interface or the administrative server. To override and force the upgrade, run:

```
touch /usr/tank/server/.IGNORE_SERVER_RUNNING
```

Action

Stop the metadata 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 metadata server can be stopped using the administrative command-line interface or the administrative server. To override and force the removal, run:

```
touch /usr/tank/server/.IGNORE_SERVER_RUNNING
```

Action

Stop the metadata 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.

HSTIL0005E 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.

HSTIL0006E 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 problems.

Action

Verify /usr/tank has write permission.

HSTIL0007E Failed to recreate the /usr/tank/codeset symbolic link.

Explanation

Both the client and the metadata server use the /usr/tank/codeset symbolic link. If the metadata 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.

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 determine if the length can be reduced to a length less than the maximum length. You might 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

The 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 started.**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 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.

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 metadata 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 metadata 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 the metadata 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 metadata server is not already running.

Explanation

This error can occur if you try to start the SAN File System metadata server twice on the same machine.

Action

Verify that the SAN File System metadata server is not already running. Also, stop the existing process if it has not yet re-executed the metadata 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 it cannot be deleted. Lack of disk space can also cause this problem.

Action

If an existing dump file exists, delete it. Also make sure that there is sufficient space in the SAN File System log directory to create new files.

HSTNL0023E Error: Could not start LVM master services. The return code is *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.

HSTNL0024E Error: Could not start start the metadata server in microkernel mode. The return code is *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.

HSTNL0025E Error: Could not write version control record. The return code is *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.

HSTNL0026E Error: Volume not specified.

Explanation

The command requires the ID of a volume to dump, but none was provided.

Action

Run the command again and supply a volume ID.

HSTNL0027E Error: Could not open volume *vol_id*. The return code is *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.

HSTNL0028E Error: Could not open dump file *file*. The return code is *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.

HSTNL0029I Volume *volume_id* has *page_count* pages of size *page_sizebytes*. Dumping to file "*file*".

Explanation

Metadata server successfully dumped the volume contents into the given file.

Action

Run the volume display application with the dump file as input to view the volume contents.

HSTNL0030E Error: Could not read from page *page_id*. The return code is *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.

HSTNL0031E Error: Could not write page *page_no* to file *file_name*. The return code is *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.

HSTNL0032I Volume *vol_id* dumped *page* pages (*mbytes_written* MB).**Explanation**

Metadata server successfully dumped the given number of volume pages.

Action

Run the volume display application with the dump file as input to view the volume contents.

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 setupsfs in interactive mode to generate a valid configuration file.

HSTSS0002E *%truststore_file_name*: does not exist.**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. If this is a subordinate node, the truststore must be copied from the master.

HSTSS0003E *%command*: Cannot open *%file_name*: *%error_number***Explanation**

A required file was not found.

Action

Reinstall the administrative server.

HSTSS0004E Execution halted because an invalid configuration parameter was found while running in quiet mode: *%parameter***Explanation**

When run in quiet mode, a valid configuration file must exist.

Action

Run setupsfs in interactive mode to generate a valid configuration file.

HSTSS0005E Execute the script using *%startup_command***Explanation**

The metadata server configuration script is not executed directly. It is executed through the setupsfs symbolic link.

Action

Execute the metadata server configuration script using the setupsfs symbolic link.

HSTSS0006W Warning: Could not write *%configuration_file_name***Explanation**

The metadata 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 metadata 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 command. This node is already part of a cluster.**Explanation**

The existence of the Tank.Bootstrap file on the metadata servers indicates that this metadata server is already part of a cluster.

Action

Start and stop this metadata server using the SAN File System Administration Console or CLI.

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 correctly configure the metadata server software each time the system starts. 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 logged in 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.

HSTSS0018I Skipping execution of the tank normal command. The server is already running.**Explanation**

The tank normal command starts the metadata server. setupsfs skips this step if the metadata server is found to already be running.

Action

To reconfigure the metadata server, stop the metadata server using the SAN File System Administration Console or CLI.

HSTSS0019I Using cluster configuration found on: %master_disk**Explanation**

If the specified master disk has an existing cluster configuration, setupsfs will use the existing configuration instead of creating a new one.

Action

To reinitialize the metadata server the -overwrite option must be used. The -overwrite option will destroy all data in the SAN File System.

HSTSS0020E Failed to initialize the metadata server. See the log file: %server_log_file**Explanation**

setupsfs initializes the metadata server by calling tank install. This message is printed if the command fails.

Action

See the metadata server log files to determine the cause of the failure.

HSTSS0021E Failed to start the metadata server. See the log file: %server_log_file**Explanation**

setupsfs starts the metadata server by calling tank normal. This message displays if the command fails.

Action

View the metadata server log files to determine the cause of the failure.

HSTSS0022E Failed to start the CIM Agent. View the log file:
%CIM_log_file

Explanation

setupsfs starts the CIM Agent by calling startCimom. This message is printed if the command fails.

Action

View the CIM Agent log files to determine the cause of the failure.

HSTSS0023I Removing *%file_name*

Explanation

None

Action

No action is required.

HSTSS0024I Removing the sfs entry from: *%file_name*

Explanation

None

Action

No action os required.

HSTSS0025I Stopping the CIM Agent.

Explanation

None

Action

No action is required.

HSTSS0026I Starting the CIM Agent.

Explanation

None

Action

No action is required.

HSTSS0027I Removing disk label from: %device_name**Explanation**

None

Action

No action is required.

HSTSS0028I Stopping the metadata server.**Explanation**

None

Action

No action is required.

HSTSS0029I Skipping auto configuration of the RSA II card on the metadata server. %mpcli_script: does not exist.**Explanation**

/opt/IBMmpcli/bin/MPCLI.bsh is provided by the mpcli rpm. The mpcli package is used by setupsfs to configure the RSA II card on this metadata server. Because this configuration utility is not available, the RSA II card cannot be automatically configured.

Action

The RSA II card on the metadata server must be configured manually. See the SAN File System documentation for the correct settings.

HSTSS0030E mpcli command failed: %mpcli_command**Explanation**

The mpcli package is used by setupsfs to configure the RSA II card on the metadata server. One of the configuration commands has failed.

Action

The RSA II card on the metadata server must be configured manually. See the SAN File System documentation for the correct settings.

HSTSS0031I One or more of the mpcli commands has failed while attempting to configure the RSA II adapter. To ensure correct setup, the RSA II adapter must be configured manually. See the SAN File System documentation for the correct procedure and settings.

Explanation

Incorrect setup of the RSA II adapter will make all RSA features unavailable (for example, stopengine, lsengine, statengine); the metadata server, however, will continue to function normally.

Action

The RSA II card on the metadata server must be configured manually. See the SAN File System documentation for the correct procedure and settings.

HSTSS0032E *%undef_val* is a required value but has not been defined.

Explanation

The password does not match the truststore, or the truststore file is corrupt.

Action

Enter the correct password or recreate the truststore file.

HSTSS0033E The password does not match the truststore or the truststore is corrupt.

Explanation

The password does not match the truststore or the truststore file is corrupt.

Action

Enter the correct password or recreate the truststore file.

HSTSS0034E Execution halted because one or more LDAP configuration parameters are not valid.

Explanation

A valid configuration file must exist when run in quiet mode.

Action

Run setupsfs in interactive mode to correct LDAP configuration.

HSTSS0035E File does not exist: *%file_name***Explanation**

The file does not exist.

Action

No additional information is available.

HSTSS0036I setupsfs can not be executed while the metadata server is running.**Explanation**

setupsfs can not be executed while the metadata server is running. Once the Metadata server has been configured it should be administered through the Administration Console or sfscli.

Action

Use the Administration Console or sfscli to administer SAN File System.

HSTSS0037I invalid password**Explanation**

The RSA password must contain at least 5 characters, one of which must be a digit.

Action

Enter at least a 5 character alpha/numeric password.

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.

Chapter 7. 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.

Action

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

HSTAD0002E Parameter not valid - *parameter*.

Explanation

No additional information is available for this message.

Action

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

HSTAD0003E Node routing prefix - @1 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.

HSTAD0004E Storage pool @1 is already defined.

Explanation

No additional information is available for this message.

Action

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

HSTAD0005E Policy set @1 is already defined.**Explanation**

No additional information is available for this message.

Action

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

HSTAD0006E Policy set @1 is 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.

HSTAD0007E Policy set @1 is active.**Explanation**

No additional information is available for this message.

Action

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

HSTAD0008E Policy set @1 would contain syntax error(s).**Explanation**

No additional information is available for this message.

Action

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

HSTAD0009E Policy set @1 should contain a rule which exceeds 4K bytes.**Explanation**

No additional information is available for this message.

Action

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

HSTAD0010E Policy set @1 stored.

Explanation

No additional information is available for this message.

Action

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

HSTAD0011E Policy set @1 activated.

Explanation

No additional information is available for this message.

Action

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

HSTAD0012E Policy set @1 was deleted.

Explanation

No additional information is available for this message.

Action

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

HSTAD0013E Bind errors found activating Policy set @1.

Explanation

No additional information is available for this message.

Action

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

HSTAD0014E Unable to open.

Explanation

No additional information is available for this message.

Action

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

HSTAD0015I Alert: This is an SNMP test event with a severity of Information**Explanation**

No additional information is available for this message.

Action

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

HSTAD0016W Alert: This is an SNMP test event with a severity of Warning**Explanation**

No additional information is available for this message.

Action

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

HSTAD0017S Alert: This is an SNMP test event with a severity of Severe**Explanation**

No additional information is available for this message.

Action

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

HSTAD0018E Alert: This is an SNMP test event with a severity of Error**Explanation**

No additional information is available for this message.

Action

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

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.

Action

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

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.

Action

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

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.

Action

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

HSTAD0022E Unable to open.

Explanation

No additional information is available for this message.

Action

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

HSTAD0023E Unable to open.

Explanation

No additional information is available for this message.

Action

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

HSTAD0024E Unable to open.

Explanation

No additional information is available for this message.

Action

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

HSTAD0025I List files on volume started for *adm_admin_name*

Explanation

No additional information is available for this message.

Action

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

HSTAD0026I List files on volume finished for *adm_admin_name*

Explanation

No additional information is available for this message.

Action

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

HSTAD0027I Looking for *adm_keyword*

Explanation

No additional information is available for this message.

Action

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

HSTAD0028I Show object: *adm_object_id***Explanation**

No additional information is available for this message.

Action

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

HSTAD0029E Missing argument.**Explanation**

No additional information is available for this message.

Action

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

HSTAD0030E Server not started with -acct option**Explanation**

No additional information is available for this message.

Action

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

**HSTAD0031E *adm_result_string* (*adm_result_code*) TraceError:
Thread ID = *adm_thread_id*****Explanation**

No additional information is available for this message.

Action

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

**HSTAD0032E *adm_result_string* (*adm_result_code*). Print stack
trace follows:****Explanation**

No additional information is available for this message.

Action

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

HSTAD0033E *adm_buffer*

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

HSTAD0035E **Thread** *thread_id* **unblocked after error**
adm_result_string (adm_result_code) **detected.**

Explanation

No additional information is available for this message.

Action

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

HSTAD0036S **CALLHOME: Debug crash: About to** *adm_command_name*
server. The server process is stopping.

Explanation

No additional information is available for this message.

Action

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

HSTAD0037E Error (*adm_result_code*): Cannot start file system check because it is already running.

Explanation

The metadata checker is already running.

Action

Wait until the current check has completed or stop the current check.

HSTAD0038S Error (*adm_result_code*): File system integrity lost.

Explanation

The metadata checker detected a metadata integrity problem.

Action

View the server logs to determine the cause of the fault. Contact your service representative if you cannot determine the cause of the problem.

HSTAD0039E Error (*adm_result_code*): Metadata check run on subordinate.

Explanation

The metadata checker was issued on a subordinate metadata server or during a group transition.

Action

Reissue the command to the master. If the problem continues, contact your service representative.

HSTAD0040E Error (*adm_result_code*): Internal error code.

Explanation

No additional information is available for this message.

Action

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

HSTAD0041E Cannot stop file system check because it is not running.

Explanation

No additional information is available for this message.

Action

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

HSTAD0043E Metadata checker test command is disabled

Explanation

An unsupported internal command was attempted.

Action

No action is required.

HSTBT0001E Unregistered index type - *bt_index_type*

Explanation

An unregistered index type was detected. This might indicate a corrupted file system.

Action

If the problem continues, run the metadata checker in repair mode to correct the problem.

HSTBT0002S B-tree root header root page is incorrect

Explanation

The metadata table references a root page that is corrupt.

Action

Run the metadata check in salvage mode to reset the table's root page.

HSTBT0003S B-tree root header index type *bt_index_type_id* is incorrect. It should be *bt_index_type_id*

Explanation

The metadata table references a root page that is corrupt.

Action

Run the metadata check in salvage mode to reset the table's root page.

HSTBT0004S B-tree root header index Id *bt_index_type_id* is incorrect. Should be *bt_index_type_id*

Explanation

The metadata table references a root page that is corrupt.

Action

Run the metadata check in salvage mode to reset the table's root page.

HSTBT0005S OBSOLETE: isPageAllocated failed

Explanation

No additional information is available for this message.

Action

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

HSTBT0006S Root page is not an allocated page.

Explanation

A metadata table references a root page that is not allocated.

Action

Run the metadata check in salvage mode to reset the table's root page.

HSTBT0007E Unable to lock the page

Explanation

No additional information is available for this message.

Action

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

HSTBT0008E PageType=0xbt_index_page_type_id not part of a B-Tree.

Explanation

No additional information is available for this message.

Action

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

HSTCK0001E The check for *fsck_filesset_name* failed

Explanation

No additional information is available for this message.

Action

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

HSTCK0002I Check system metadata

Explanation

No additional information is available for this message.

Action

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

HSTCK0003S Logical Volume Manager metadata check failed

fsck_result_code

Explanation

There was a problem checking the Logical Volume Manager metadata.

Action

Check the log for other log messages. Resolve the errors. Run the metadata checker again.

HSTCK0004S Version Control Manager metadata check failed

fsck_result_code

Explanation

There was a problem checking the Version Control Manager metadata.

Action

Check the log for other log messages. Resolve the errors. Run the metadata checker again.

HSTCK0005S Cluster Manager metadata check failed *fsck_result_code*

Explanation

There was a problem checking the Cluster Manager metadata.

Action

Check the log for other log messages. Resolve the errors. Run the metadata checker again.

HSTCK0006I Check fileset metadata

Explanation

No additional information is available for this message.

Action

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

HSTCK0007S Fileset metadata check failed *fsck_result_code*

Explanation

There was a problem checking the Fileset metadata.

Action

Check the log for other log messages. Resolve the errors. Run the metadata checker again.

HSTCK0008I Finished checking metadata

Explanation

The metadata checker is finished.

Action

Examine the other log messages to determine what the metadata checker found.

HSTCK0009W Skipped check fileset *fsck_fileset_name*. Server *fsck_server_name* is not in the active group.

Explanation

The server servicing the Fileset is not in the active group. The metadata checker cannot check the Fileset metadata.

Action

Run the metadata checker on the Fileset after it is serviced by an active server.

HSTCK0010E Metadata check of fileset *fsck_fileset_name* failed. Error code = *fsck_result_code*. Check the logs on node *fsck_server_name*

Explanation

The metadata check of a Fileset failed.

Action

Resolve the error code run the metadata checker again.

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.

Action

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

HSTCK0024I Metadata check stop forced.

Explanation

The metadata check was stopped before it finished.

Action

No action is required.

HSTCK0025I Corrupt: *Argcm_argument_index* = *cm_argument_value*

Explanation

No additional information is available for this message.

Action

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

HSTCM0001W Cluster manager master was not started.

Explanation

No additional information is available for this message.

Action

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

HSTCM0002E Action code (*cm_action_code*) in StartWorkLoad message 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.

HSTCM0003E Action code (*cm_action_code*) in StopWorkLoad message 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.

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.

Action

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

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.

Action

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

HSTCM0006E Global Disk I/O Manager failed to scan disks. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

HSTCM0008W cmControlDataAccessRespMsg send failed. RC = *cm_result_code*

Explanation

No additional information is available for this message.

Action

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

HSTCM0009W Control Data Access: Long running process complete message send failed. RC = *cm_result_code*

Explanation

No additional information is available for this message.

Action

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

HSTCM0010W cmArenaSpaceReclaimCandidateAction: Failed with
*cm_result_code***Explanation**

No additional information is available for this message.

Action

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

HSTCM0011E Cannot allocate memory for F0IteratorFetch data buffer**Explanation**

No additional information is available for this message.

Action

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

HSTCM0012I F0IteratorFetch: no data in the state buffer**Explanation**

No additional information is available for this message.

Action

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

HSTCM0013I F0IteratorFetch: garbled message received from master**Explanation**

No additional information is available for this message.

Action

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

HSTCM0014E cmFlashCopyImageAction::execute operation not valid
*cm_flashcopy_command_type***Explanation**

No additional information is available for this message.

Action

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

HSTCM0015W CM master: createArena() - Cluster Manager master was not started.

Explanation

No additional information is available for this message.

Action

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

HSTCM0016W OBSOLETE Arena <cm_fileset_id, cm_pool_id> already locked by node cm_locker_id

Explanation

No additional information is available for this message.

Action

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

HSTCM0017W CM master: extendArena() - Cluster Manager master was not started.

Explanation

No additional information is available for this message.

Action

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

HSTCM0018I CM master: extendArena() - Arena CTL is NULL

Explanation

No additional information is available for this message.

Action

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

HSTCM0019I OBSOLETE CM master: extendArena() - Locker unknown**Explanation**

No additional information is available for this message.

Action

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

HSTCM0020E OBSOLETE CM master: extendArena() - fetch arena failed**Explanation**

No additional information is available for this message.

Action

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

HSTCM0021E CM master: extendArena() - Allocate partition failed**Explanation**

No additional information is available for this message.

Action

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

HSTCM0022E CM master: extendArena() - insert record error**Explanation**

No additional information is available for this message.

Action

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

HSTCM0023E OBSOLETE CM master: extendArena() - replace record error**Explanation**

No additional information is available for this message.

Action

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

HSTCM0024E OBSOLETE CM master: extendArena() - commit operation error**Explanation**

No additional information is available for this message.

Action

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

HSTCM0025W CM master: lockArena() - Cluster Manager master not started.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0026W CM master: unlockArena() - Cluster Manager master not started.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0027W CM master: translatePartition() - Cluster Manager master not started.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0028E delete_fileset_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.

Action

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

HSTCM0029E delete_arena_lpt : Unable to deallocate partition: *cm_partition_id* on disk: 0x*cm_disk_id*

Explanation

No additional information is available for this message.

Action

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

HSTCM0030E Deallocate partition: error deallocating LP partition. The partition was not allocated.

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

HSTCM0032W An instance of the space reclamation thread is already running.

Explanation

No additional information is available for this message.

Action

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

HSTCM0033E Unable to start partition reclamation thread.

Explanation

No additional information is available for this message.

Action

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

HSTCM0034S Cluster failed to start. The server process is stopping.

Explanation

No additional information is available for this message.

Action

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

HSTCM0035S CALLHOME: Cluster failed to start. The server process is stopping.

Explanation

No additional information is available for this message.

Action

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

HSTCM0036E Error redoing action: Action code = `0xcm_action_code` RC = `cm_result_code`

Explanation

No additional information is available for this message.

Action

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

HSTCM0037E Error deleting redo action: Action code = 0xcm_action_code RC = cm_result_code

Explanation

No additional information is available for this message.

Action

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

HSTCM0038E Error committing redo action: Action code = 0xcm_action_code RC = cm_result_code

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

HSTCM0040E Unable to allocate aligned buffer.

Explanation

No additional information is available for this message.

Action

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

HSTCM0041E Unable to read sector *cm_sector_id* from 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.

HSTCM0042E Cluster Manager installation failed. Cluster Manager master is already started.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0043E Unable to create master workload volumes.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0044E Unable to write cluster attributes control block in Cluster Manager sector *cm_sector_id*.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0045E Start cluster: start failed. Cluster Manager master is already started.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0046E Start cluster: start failed. Cluster transition already in progress.

Explanation

No additional information is available for this message.

Action

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

HSTCM0047E Start cluster: Clean master DB space failed.

Explanation

No additional information is available for this message.

Action

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

HSTCM0048E Start cluster: Unable to start master workload.

Explanation

No additional information is available for this message.

Action

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

HSTCM0049E Start cluster error.

Explanation

No additional information is available for this message.

Action

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

HSTCM0050E Start cluster error: There was an out-of-memory error loading the cluster control block from Cluster Manager sector *cm_smector_id*

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

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.

Action

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

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.

Action

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

HSTCM0054E Start cluster: Redo pending actions failed.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0055E Stop cluster: stop failed. Cluster transition already in progress.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0056S Unable to access master DB space.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0057S Error. Cluster Manager master could not find its master directory.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0058E Unable to create Cluster Manager master index.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0059S Unable to create Cluster Manager master database.

Explanation

No additional information is available for this message.

Action

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

HSTCM0060E Unable to store Cluster Manager master record.

Explanation

No additional information is available for this message.

Action

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

HSTCM0061S Unable to create root fileset.

Explanation

No additional information is available for this message.

Action

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

HSTCM0062S Unable to create default service class.

Explanation

No additional information is available for this message.

Action

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

HSTCM0063S Unable to create default storage pool.

Explanation

No additional information is available for this message.

Action

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

HSTCM0064S Unable to create subordinate workload volumes.

Explanation

No additional information is available for this message.

Action

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

HSTCM0065S Unable to add subordinate write-ahead log volume ID to persistent table.

Explanation

No additional information is available for this message.

Action

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

HSTCM0066S Unable to add subordinate workload to persistent map.

Explanation

No additional information is available for this message.

Action

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

HSTCM0067S Unable to replace Cluster Manager master record.

Explanation

No additional information is available for this message.

Action

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

HSTCM0068S Error creating Cluster Manager master record.

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

HSTCM0070E Error long running process failed: Cluster failure.

Explanation

A cluster transition occurred while the long running process was active.

Action

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

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.

Action

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

HSTCM0072E OBSOLETE Error *cm_result_code* sending scan disks message to node *cm_node_id*

Explanation

No additional information is available for this message.

Action

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

HSTCM0073E Error in redo actions table. Action code=0xcm_action_code 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.

HSTCM0074E Error cm_result_code sending check fileset message to node cm_node_id

Explanation

No additional information is available for this message.

Action

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

HSTCM0075E Fileset Node Done failed with error cm_result_code for node cm_node_id

Explanation

No additional information is available for this message.

Action

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

HSTCM0076E Error cm_result_code processing check fileset long process reply from node cm_node_id

Explanation

No additional information is available for this message.

Action

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

HSTCM0077E Error *cm_result_code* sending FSCK stop message to subordinates using groupcast**Explanation**

No additional information is available for this message.

Action

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

HSTCM0078E Error *cm_result_code* sending createArena message.**Explanation**

Error sending a create arena request to the master node.

Action

Make sure the master node is up and running. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0079E Error *cm_result_code* processing create arena.**Explanation**

The master node could not process a create arena request.

Action

Make sure the master node is alive and not hung. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0080E Error *cm_result_code* sending extendArena message.**Explanation**

Error sending an extend arena request to the master node.

Action

Make sure the master node is up and running. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0081E Error *cm_result_code* processing extend arena.**Explanation**

The master node could not process an extend arena request.

Action

Make sure the master node is alive and not hung. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0082E CM closeArena: Cluster Manager is not started.

Explanation

Error closing an arena because the cluster manager has not started.

Action

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

HSTCM0083E CM closeArena: Arena with <fileset *cm_fileset_name* (*cm_fileset_id*), stgpool *cm_pool_name* (*cm_pool_id*)> was not found.

Explanation

Could not find information on a given arena while trying to close it.

Action

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

HSTCM0084E closeArena: Error *cm_result_code* subtracting capacity from fileset *cm_fileset_name* (*cm_fileset_id*)

Explanation

Could not subtract an arena's capacity from that of the fileset while closing the arena.

Action

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

HSTCM0085E closeArena: Unable to release the reference to fileset *cm_fileset_name* (*cm_fileset_id*)

Explanation

Could not release the reference to the fileset while closing the arena.

Action

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

HSTCM0086E Error *cm_result_code* sending closeArena message.

Explanation

Error sending a close arena request to the master node.

Action

Make sure the master node is up and running. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0087E Error *cm_result_code* processing unlock arena.

Explanation

No additional information is available for this message.

Action

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

HSTCM0088E LPNo exceeds arena capacity.

Explanation

No additional information is available for this message.

Action

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

HSTCM0089E Error *cm_result_code* sending translatePartition message.

Explanation

Error sending a translate partition request to the master node.

Action

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

HSTCM0090E Error *cm_result_code* translating partition. Partition number = *cm_partition_id*

Explanation

The master node could not process the given translate partition request.

Action

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

HSTCM0091E Error *cm_result_code* sending openArena message.**Explanation**

Error sending a open arena request to the master node.

Action

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

HSTCM0092E Arena with <fileset *cm_fileset_name* (*cm_fileset_id*), stgpool *cm_pool_name* (*cm_pool_id*)> does not exist at master.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0093E Error *cm_result_code* processing open arena.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0094E Error *cm_result_code* adding capacity to fileset *cm_fileset_name* (*cm_fileset_id*)**Explanation**

No additional information is available for this message.

Action

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

HSTCM0095E Error *cm_result_code* sending getRootFileset attr message.**Explanation**

Could not send a get root fileset request to the master node.

Action

Make sure the master node is up and running. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0096E Error *cm_result_code* processing getRootFileset attributes.

Explanation

The master node could not process a get root fileset request.

Action

Make sure the master node is up and running. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0097E Error *cm_result_code* sending lookup fileset message.

Explanation

Could not send a lookup fileset request to the master node.

Action

Make sure the master node is up and running. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0098E Error *cm_result_code* processing lookupFileset.

Explanation

The master node could not process a lookup fileset request.

Action

Make sure the master node is up and running. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0099E Error *cm_result_code* sending cmCheckFilesetDoneMsg message.

Explanation

Could not send a lookup fileset request to the master node.

Action

Make sure the master node is up and running. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0100E CM initFilesetDesc: Cluster Manager is not started.**Explanation**

No additional information is available for this message.

Action

Retry the operation after the cluster manager has started.

HSTCM0101E CM updateFilesetDesc: Cluster Manager is not started.**Explanation**

No additional information is available for this message.

Action

Retry the operation after the cluster manager has started.

**HSTCM0102E OBSOLETE fileset *cm_fileset_id* (*cm_fileset_name*)
(*cm_fileset_times* times)****Explanation**

No additional information is available for this message.

Action

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

**HSTCM0103I Deleting the fileset descriptor for fileset
cm_fileset_name (*cm_fileset_id*)****Explanation**

No additional information is available for this message.

Action

No action required.

**HSTCM0104E CMRep::updateFilesetDesc: Unable to find fileset
cm_fileset_name (*cm_fileset_id*) descriptor****Explanation**

No additional information is available for this message.

Action

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

HSTCM0105I Hard quota violation. The request will be allowed to continue.

Explanation

The specified fileset has reached its soft quota value.

Action

Free up disk space by archiving and removing unused files. If the fileset has FlashCopy images, consider removing the older images.

HSTCM0106W Define fileset was run on subordinate node or during cluster transition.

Explanation

No additional information is available for this message.

Action

Try submitting the command again. If the error continues to occur, verify the configuration of the system.

HSTCM0107E Unable to assign new fileset to a workload.

Explanation

No additional information is available for this message.

Action

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

HSTCM0108E Unable to create fileset logical volume, RC = *cm_result_code*

Explanation

No additional information is available for this message.

Action

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

HSTCM0109E Unable to add fileset *cm_fileset_name* (*cm_fileset_id*) to workload on node *cm_node_id*

Explanation

No additional information is available for this message.

Action

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

HSTCM0110E Unable to update fileset *cm_fileset_name* (*cm_fileset_id*) quota on node *cm_node_id*

Explanation

No additional information is available for this message.

Action

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

HSTCM0111W Remove fileset was run on subordinate node or during cluster transition.

Explanation

No additional information is available for this message.

Action

Try submitting the command again. If the error continues to occur, verify the configuration of the system.

HSTCM0112W Delete fileset was run on subordinate node or during cluster transition.

Explanation

No additional information is available for this message.

Action

Try submitting the command again. If the error continues to occur, verify the configuration of the system.

HSTCM0113E delete_fileset failed: Volume drain operation is in progress.

Explanation

No additional information is available for this message.

Action

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

**HSTCM0114E Unable to find fileset binding for
filesetId=*cm_fileset_id*****Explanation**

No additional information is available for this message.

Action

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

**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.

Action

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

**HSTCM0116W Attach fileset was run on subordinate node or during
cluster transition.****Explanation**

No additional information is available for this message.

Action

Try submitting the command again. If the error continues to occur, verify the configuration of the system.

**HSTCM0117E Attach Fileset failed: *cm_fileset_name* cannot be
attached to the global root directory.****Explanation**

No additional information is available for this message.

Action

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

HSTCM0118E `undo_fileset_attach()` failed with *cm_result_code*. Try using `detachfileset` *cm_fileset_name*

Explanation

No additional information is available for this message.

Action

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

HSTCM0119W `Detach fileset` was run on subordinate node or during cluster transition.

Explanation

No additional information is available for this message.

Action

Try submitting the command again. If the error continues to occur, verify the configuration of the system.

HSTCM0120W `Update fileset` was run on subordinate node or during cluster transition.

Explanation

No additional information is available for this message.

Action

Try submitting the command again. If the error continues to occur, verify the configuration of the system.

HSTCM0121E Unable to update quota value for fileset *cm_fileset_name* (*cm_fileset_id*)

Explanation

No additional information is available for this message.

Action

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

HSTCM0122E Cluster Manager master is not started.

Explanation

No additional information is available for this message.

Action

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

HSTCM0123E Cluster Manager master is not started.

Explanation

No additional information is available for this message.

Action

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

HSTCM0124E Error *cm_result_code* sending lookupName message to node *cm_node_id*

Explanation

No additional information is available for this message.

Action

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

HSTCM0125E Error injection: No message

Explanation

No additional information is available for this message.

Action

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

HSTCM0126E CM Master Attach Fileset: error *cm_result_code* processing lookup name.

Explanation

No additional information is available for this message.

Action

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

HSTCM0127E Error *cm_result_code* sending createWormhole message to node *cm_node_id***Explanation**

No additional information is available for this message.

Action

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

HSTCM0128E Error injection: No message**Explanation**

No additional information is available for this message.

Action

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

HSTCM0129E CM master create wormhole: Error *cm_result_code* during processing.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0130E Error *cm_result_code* sending removeWormhole message to node *cm_node_id***Explanation**

No additional information is available for this message.

Action

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

HSTCM0131E CM master remove wormhole: Error *cm_result_code* during processing.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0132E Error *cm_result_code* sending Set Fileset Access message to node *cm_node_id*

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

HSTCM0134E *undo_fileset_attach()* failed with *cm_result_code*. Try using *detachfileset* for filesetId=*cm_fileset_id*

Explanation

No additional information is available for this message.

Action

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

HSTCM0135E Action code 0x*cm_action_code* 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.

HSTCM0136E Error sending cmInvalidateDirContentsMsg with *cm_result_code* to node *cm_node_id*

Explanation

No additional information is available for this message.

Action

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

HSTCM0137E Error *cm_result_code* processing invalidate dir request.

Explanation

No additional information is available for this message.

Action

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

HSTCM0138E Extract filesets information failed: Index operation Error=*cm_result_code*

Explanation

No additional information is available for this message.

Action

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

HSTCM0139E Extract attach points information failed: Reverse lookup Error=*cm_result_code*

Explanation

No additional information is available for this message.

Action

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

HSTCM0140E Extract attach points metadata failed: Attach point entry was not found for fileset *cm_fileset_name* (*cm_fileset_id*)

Explanation

No additional information is available for this message.

Action

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

HSTCM0141E Extract attach points information failed: Index operation Error=*cm_result_code*

Explanation

No additional information is available for this message.

Action

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

HSTCM0142E Error *cm_result_code* sending RevLookupName message to node *cm_node_id*

Explanation

No additional information is available for this message.

Action

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

HSTCM0143E CM master reverse lookup name: Error *cm_result_code* processing lookup name.

Explanation

No additional information is available for this message.

Action

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

HSTCM0144E Update failed RC = *cm_result_code*, retries=*cm_retries_number*

Explanation

No additional information is available for this message.

Action

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

HSTCM0145E *init_ccb cm_fileset_id*: fetch failed**Explanation**

No additional information is available for this message.

Action

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

HSTCM0147E *mkimage: Error cm_result_code* sending mkimage message to node *cm_node_id***Explanation**

No additional information is available for this message.

Action

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

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.

Action

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

HSTCM0149E *Error cm_result_code* sending FlashCopy Image message to node *cm_node_id***Explanation**

No additional information is available for this message.

Action

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

HSTCM0150E *cm_command* Error *cm_result_code* returned by subordinate**Explanation**

No additional information is available for this message.

Action

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

HSTCM0151W Create policy set was run on subordinate node or during cluster transition.

Explanation

No additional information is available for this message.

Action

Try submitting the command again. If the error continues to occur, verify the configuration of the system.

HSTCM0152E Unable to write policy set text, RC = *cm_result_code*

Explanation

An error occurred while storing a policy set.

Action

Verify that the system storage pool is not full and that there are no SAN problems.

HSTCM0153W Delete policy set was run on subordinate node or during cluster transition.

Explanation

No additional information is available for this message.

Action

Try submitting the command again. If the error continues to occur, verify the configuration of the system.

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.

Action

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

HSTCM0155E Unable to delete policy set text, last delete RC = *cm_result_code*

Explanation

An error occurred while deleting a policy set.

Action

Verify that there are no SAN problems.

HSTCM0156W Replace policy set was run on subordinate node or during cluster transition.

Explanation

No additional information is available for this message.

Action

Try submitting the command again. If the error continues to occur, verify the configuration of the system.

HSTCM0157E Unable to delete policy set text, last delete RC = *cm_result_code*

Explanation

An error occurred while deleting a policy set.

Action

Verify that there are no SAN problems.

HSTCM0158E Unable to write policy set text, RC = *cm_result_code*

Explanation

An error occurred while storing a policy set.

Action

Verify that the system storage pool is not full and that there are no SAN problems.

HSTCM0159W Activate policy set was run on subordinate node or during cluster transition.

Explanation

No additional information is available for this message.

Action

Try submitting the command again. If the error continues to occur, verify the configuration of the system.

HSTCM0160E Unable to delete old active rules, last delete RC = *cm_result_code*

Explanation

An error occurred while deactivating a policy set.

Action

Verify that there are no SAN problems.

HSTCM0161E Error *cm_result_code* sending invalidate policy set message to node *cm_node_id*

Explanation

No additional information is available for this message.

Action

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

HSTCM0162W Retrieve policy set was run on subordinate node or during cluster transition.

Explanation

No additional information is available for this message.

Action

Try submitting the command again. If the error continues to occur, verify the configuration of the system.

HSTCM0163E Cluster Manager master was not started.

Explanation

No additional information is available for this message.

Action

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

HSTCM0164E Cluster Manager master was not started.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0165E Cluster Manager master was not started.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0166E Cluster Manager master was not started.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0167E Cluster Manager master was not started.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0168E Cluster Manager master was not started.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0169E Cluster Manager master was not started.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0170E Could not create policy set text because of database error RC = *cm_result_code***Explanation**

No additional information is available for this message.

Action

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

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.

Action

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

HSTCM0172E Extract policy set information failed: Index operation Error=*cm_result_code***Explanation**

No additional information is available for this message.

Action

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

HSTCM0173E Error *cm_result_code* processing assignStgPool**Explanation**

No additional information is available for this message.

Action

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

HSTCM0174E Error *cm_result_code* sending getDefaultStgPool message.

Explanation

Could not send a request to the master node requesting the ID of the DEFAULT storage pool.

Action

Make sure the master node is up and running. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0175E Error *cm_result_code* processing getDefaultStgPool.

Explanation

Master node could not handle the request for the ID of the DEFAULT storage pool.

Action

Make sure that the master node is running and not hung. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0176E Error *cm_result_code* sending verifyStgPool message.

Explanation

Could not send a request to the master node to verify the ID of a storage pool.

Action

Make sure the master node is up and running. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0177E Error *cm_result_code* sending getServiceClass message.

Explanation

An error occurred while fetching details of a service class from the master.

Action

Verify the server status and network connections.

HSTCM0178E Error *cm_result_code* processing getServiceClass.

Explanation

An error occurred while fetching details of a service class from the master.

Action

Verify the server status and network connections.

HSTCM0179W The addserver command was run on subordinate or during cluster transition.

Explanation

No additional information is available for this message.

Action

Try submitting the command again. If the error continues to occur, verify the configuration of the system.

HSTCM0180E addserver: Failed. Communication failure

Explanation

No additional information is available for this message.

Action

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

HSTCM0181E addserver: Failed. Duplicate server detected.

Explanation

No additional information is available for this message.

Action

Try adding a server with a different IP address and port number.

HSTCM0182E addserver: Failed. Node is not the master node

Explanation

No additional information is available for this message.

Action

Verify the configuration of the system and retry this command from the master node.

HSTCM0183E addserver: Failed. The commissionee could not write the configuration file.

Explanation

No additional information is available for this message.

Action

Check the permissions and space availability for the commissionee's configuration file.

HSTCM0184E addserver: Failed. The commissionee had mismatched configuration values.

Explanation

No additional information is available for this message.

Action

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

HSTCM0185E addserver: Failed. The commissionee network 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.

HSTCM0186E addserver: Failed. There was an internal Group Services error.

Explanation

No additional information is available for this message.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. If the problem persists, contact your service representative.

HSTCM0187E addserver: Failed. Unexpected error (*cm_result_code*) commissioning server

Explanation

No additional information is available for this message.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. If the problem persists, contact your service representative.

HSTCM0188W The dropserver command was run on subordinate or during cluster transition.**Explanation**

No additional information is available for this message.

Action

Submit the command again. If the error continues to occur, verify the configuration of the system.

HSTCM0189E dropserver: Unable to stop workload at node *cm_node_id*, RC = *cm_result_code***Explanation**

No additional information is available for this message.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. If the problem persists, contact your service representative.

HSTCM0190E dropserver: Failed. Communication Failure**Explanation**

No additional information is available for this message.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. If the problem persists, contact your service representative.

HSTCM0191E dropserver: Failed. Argument 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. If the problem persists, contact your service representative.

HSTCM0192E dropserver: Failed. Node is not the master node**Explanation**

No additional information is available for this message.

Action

Verify the configuration of the system and retry this command from the master node.

HSTCM0193E dropserver: Failed. Unexpected error (*cm_result_code*) decommissioning server

Explanation

No additional information is available for this message.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. If the problem persists, contact your service representative.

HSTCM0194E CM Error: stopserver was run on subordinate node

Explanation

No additional information is available for this message.

Action

Verify the configuration of the system and retry this command from the master node.

HSTCM0195E CM Error: stopserver was run during cluster transition

Explanation

No additional information is available for this message.

Action

Submit the command again. If the error continues to occur, verify the configuration of the system.

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.

Action

Retry the stopserver command on an active server.

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.

Action

Retry the stopserver command on a clustered server.

HSTCM0198E stopserver: Unable to stop workload at node *cm_node_id*, RC = *cm_result_code***Explanation**

No additional information is available for this message.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. If the problem persists, contact your service representative.

HSTCM0199E stopserver: Failed. Communication Failure**Explanation**

No additional information is available for this message.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. If the problem persists, contact your service representative.

HSTCM0200E stopserver: Failed. Argument 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. If the problem persists, contact your service representative.

HSTCM0201E stopserver: Failed. Node is not the master node**Explanation**

No additional information is available for this message.

Action

Verify the configuration of the system and retry this command from the master node.

HSTCM0202E stopserver: Failed. Unexpected error (*cm_result_code*) shutting down server

Explanation

No additional information is available for this message.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. If the problem persists, contact your service representative.

HSTCM0203I CM master: listFilesInFileset() returned RC = *cm_result_code*

Explanation

An error occurred while retrieving the names of files allocated on a given volume.

Action

Repeat the reportvolfiles command and if the error persists contact your service representative.

HSTCM0204W Create storage pool was run on subordinate node or during cluster transition.

Explanation

No additional information is available for this message.

Action

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

HSTCM0205W Remove storage pool was run on subordinate node or during cluster transition.

Explanation

No additional information is available for this message.

Action

Submit the command again. If the error continues to occur, verify the configuration of the system.

HSTCM0206W Delete storage pool was run on subordinate node or during cluster transition.

Explanation

No additional information is available for this message.

Action

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

HSTCM0207E delete_storagepool failed: Volume drain operation is in progress.

Explanation

No additional information is available for this message.

Action

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

HSTCM0208E delete_storagepool: Could not find StorageReclaimInfo entry for deletion

Explanation

No additional information is available for this message.

Action

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

HSTCM0209W Update storage pool was run on subordinate node or during cluster transition.

Explanation

No additional information is available for this message.

Action

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

HSTCM0210W updateStoragePool(): StorageReclaimInfo is inconsistent.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0211E Cluster Manager master was not started.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0212E Cluster Manager master was not started.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0213E CM master: Error sending GetFileOnStgpool message.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0214E Error *cm_result_code* sending update storage pool message to node *cm_node_id***Explanation**

No additional information is available for this message.

Action

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

HSTCM0215E Error *cm_result_code* sending update storage pool message

Explanation

No additional information is available for this message.

Action

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

HSTCM0216E Extract storage pools information failed: Index operation Error=*cm_result_code*

Explanation

No additional information is available for this message.

Action

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

HSTCM0217E Error *cm_result_code* sending getServerNodeId message.

Explanation

Error sending a "get server node ID request" to the master node.

Action

Make sure the master node is up and running. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0218E Error *cm_result_code* processing getServerNodeId for fileset *cm_fileset_id*

Explanation

The master node could not process a "get server node ID request."

Action

Make sure the master node is up and running. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0219W Load map updated while a query was in progress. There may be a mismatch in the node serving the fileset. fileset *cm_fileset_name* (*cm_fileset_id*). Looked up node *cm_node_id*. Query result *cm_result_code*.

Explanation

No additional information is available for this message.

Action

No action required.

HSTCM0220E Clean workload failed on node *cm_node_id*. RC = *cm_result_code*

Explanation

No additional information is available for this message.

Action

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

HSTCM0221E Unable to start workload on node *cm_node_id*, RC = *cm_result_code*

Explanation

No additional information is available for this message.

Action

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

HSTCM0222E Open fileset failed for node *cm_node_id*, DB Space=*cm_dbpace_id*, RC = *cm_result_code*

Explanation

No additional information is available for this message.

Action

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

HSTCM0223E Start DB Spaces failed for node *cm_node_id*, RC = *cm_result_code*

Explanation

No additional information is available for this message.

Action

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

HSTCM0224E Open fileset failed for node *cm_node_id*, DB Space=*cm_dbSPACE_id*, RC = *cm_result_code*

Explanation

No additional information is available for this message.

Action

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

HSTCM0225E TM Open Fileset failed for node *cm_node_id*, DB Space=*cm_dbSPACE_id*, RC = *cm_result_code*

Explanation

No additional information is available for this message.

Action

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

HSTCM0226W createServiceClass was run on subordinate node or during cluster transition.

Explanation

No additional information is available for this message.

Action

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

HSTCM0227W deleteServiceClass run on subordinate node or during cluster transition.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0228W updateServiceClass run on subordinate node or during cluster transition.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0229W CM master not started.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0230W No default service class found!**Explanation**

No additional information is available for this message.

Action

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

HSTCM0231E CM Master : error sending GetFileOnSvc message.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0232E Error *cm_result_code* sending update svcclass message to node *cm_node_id*

Explanation

No additional information is available for this message.

Action

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

HSTCM0233E Error *cm_result_code* sending update svcclass message

Explanation

No additional information is available for this message.

Action

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

HSTCM0234E Extract Service_Classes Info Failed : Index Operation Error=*cm_result_code*

Explanation

No additional information is available for this message.

Action

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

HSTCM0235W CM Master: getStgCapacity() - CM master not started.

Explanation

No additional information is available for this message.

Action

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

HSTCM0236W addVolume run on subordinate node or during cluster transition.**Explanation**

No additional information is available for this message.

Action

Submit the command again. If the error continues to occur, verify the configuration of the system.

HSTCM0237W WARNING: no description for system volumes. Description is ignored.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0238E CM master not started.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0239E Update volume run on subordinate node or during cluster transition.**Explanation**

No additional information is available for this message.

Action

Submit the command again. If the error continues to occur, verify the configuration of the system.

HSTCM0240W WARNING: No descr field for system volume, Description ignored.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0241E CM Master : error sending addDirLink message.

Explanation

No additional information is available for this message.

Action

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

HSTCM0242E CM Master : error sending removeDirLink message.

Explanation

No additional information is available for this message.

Action

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

HSTCM0243E CM master not started.

Explanation

No additional information is available for this message.

Action

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

HSTCM0244E Disk not configured in GIO.

Explanation

No additional information is available for this message.

Action

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

HSTCM0245E CM Master: isFilesetOnStoragePool() - fetch arena failed

Explanation

No additional information is available for this message.

Action

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

HSTCM0246E Error *cm_result_code* sending *cm_message_name* to node *cm_node_id*

Explanation

No additional information is available for this message.

Action

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

HSTCM0247E CM Master: *listFilesInFileset()* - cannot allocate memory.

Explanation

No additional information is available for this message.

Action

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

HSTCM0248E Find user volume failed : Index scan error RC = *cm_result_code*

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

HSTCM0250E Remove volume:- set_volume_alloc(): Fetch volume record failed.

Explanation

No additional information is available for this message.

Action

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

HSTCM0251E Remove volume:- set_volume_alloc(): Replace volume record failed.

Explanation

No additional information is available for this message.

Action

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

HSTCM0252E Remove volume:- set_volume_alloc(): Commit transaction failed.

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

HSTCM0254E Remove volume: process_arenas() - unable to find ctl blk for arena *<cm_fileset_id,cm_pool_id>*

Explanation

No additional information is available for this message.

Action

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

HSTCM0255E Move Partition: Lock partition failed, partition: *cm_partition_id* **and RC =** *cm_result_code*

Explanation

No additional information is available for this message.

Action

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

HSTCM0256E move_partition: error invalidating subordinate cache. *RC = cm_result_code*

Explanation

No additional information is available for this message.

Action

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

HSTCM0257E move_partition: error invalidating client cache. RC = *cm_result_code*

Explanation

No additional information is available for this message.

Action

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

HSTCM0258E move_partition: Error allocating new partition. RC = *cm_result_code*

Explanation

No additional information is available for this message.

Action

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

HSTCM0259E move_partition: Error inserting dealloc redo action. RC = *cm_result_code*

Explanation

No additional information is available for this message.

Action

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

HSTCM0260E move_partition: Copy partition failed. RC = *cm_result_code*

Explanation

No additional information is available for this message.

Action

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

HSTCM0261E move_partition: Copy partition failed. RC = *cm_result_code*, Retry = *cm_retries_number*

Explanation

No additional information is available for this message.

Action

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

HSTCM0262E move_partition: unable to deallocate partition:
cm_partition_id on Disk: 0xcm_disk_id

Explanation

No additional information is available for this message.

Action

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

HSTCM0263E move_partition: Error deleting redo action

Explanation

No additional information is available for this message.

Action

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

HSTCM0264E move_partition: Error committing transaction

Explanation

No additional information is available for this message.

Action

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

HSTCM0265E Remove volume: unable to unlock logical partition:
cm_partition_id, RC = cm_result_code

Explanation

No additional information is available for this message.

Action

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

HSTCM0266E Redistribute Partition: unable to deallocate partition:
cm_partition_id on Disk: 0xcm_disk_id

Explanation

No additional information is available for this message.

Action

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

HSTCM0267E Error *cm_result_code* Invalidating partition cache on subordinate node.

Explanation

No additional information is available for this message.

Action

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

HSTCM0268E Error *cm_result_code* changing state of partitions.

Explanation

No additional information is available for this message.

Action

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

HSTCM0269E Error *cm_result_code* processing remove files on disk.

Explanation

No additional information is available for this message.

Action

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

HSTCM0270E Error *cm_result_code* processing control data access.

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

HSTCM0272E Not an integer amount of sectors per partition in old volume.

Explanation

No additional information is available for this message.

Action

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

HSTCM0273E Not an integer amount of sectors per partition in new volume.

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

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.

Action

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

HSTCM0276E Extract Volumes Info Failed : Could not get local name for diskId = 0x*cm_disk_id*

Explanation

No additional information is available for this message.

Action

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

HSTCM0277E Extract Volumes Info Failed : Index Operation Error = *cm_result_code*

Explanation

No additional information is available for this message.

Action

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

HSTCM0278E Unable to get fileset *cm_fileset_name* (*cm_volume_id*) binding for WAL

Explanation

No additional information is available for this message.

Action

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

HSTCM0279E Unable to rebalance workload -- CM Master not started.

Explanation

No additional information is available for this message.

Action

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

HSTCM0280E `getServerNodeId: Error inject -- CM Master not running.`

Explanation

No additional information is available for this message.

Action

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

HSTCM0281E Unable to build list of WALs on master.

Explanation

No additional information is available for this message.

Action

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

**HSTCM0282E Unable to build WAL to fileset binding map for WAL
`VolId=cm_volume_id`**

Explanation

No additional information is available for this message.

Action

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

**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.

Action

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

HSTCM0284E Unable to stop workload at node *cm_node_id*, RC = *cm_result_code***Explanation**

No additional information is available for this message.

Action

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

HSTCM0285E Unable to replace master record.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0286E Unable to add new WAL volId to persistent table.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0287E Unable to create new WAL for the node**Explanation**

No additional information is available for this message.

Action

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

HSTCM0288E Error committing new WAL transaction.**Explanation**

No additional information is available for this message.

Action

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

**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.

Action

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

**HSTCM0290E Unable to unbind fileset *cm_fileset_name*
(*cm_fileset_id*) from old WAL.**

Explanation

No additional information is available for this message.

Action

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

HSTCM0291E Unable to commit fileset unbind transaction.

Explanation

No additional information is available for this message.

Action

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

**HSTCM0292E Cannot start added filesets on node *cm_node_id*, RC =
*cm_result_code***

Explanation

No additional information is available for this message.

Action

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

**HSTCM0293E Error updating WAL version adding filesets to node
*cm_node_id***

Explanation

No additional information is available for this message.

Action

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

HSTCM0294E Unable to bind fileset *cm_fileset_name* (*cm_fileset_id*) to WAL *cm_volume_id*

Explanation

No additional information is available for this message.

Action

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

HSTCM0295E Unable to commit WAL bind transaction.

Explanation

No additional information is available for this message.

Action

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

HSTCM0296E Unable to remove WAL binding for fileset *cm_fileset_name* (*cm_fileset_id*)

Explanation

No additional information is available for this message.

Action

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

HSTCM0297E Unable to remove filesets from node *cm_node_id*

Explanation

No additional information is available for this message.

Action

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

HSTCM0298E Error updating WAL version removing filesets from node *cm_node_id***Explanation**

No additional information is available for this message.

Action

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

HSTCM0299E Unable to commit rebalance unbind transaction.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0300E Unable to add filesets to node *cm_node_id***Explanation**

No additional information is available for this message.

Action

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

HSTCM0301E Error updating WAL version moving filesets to node *cm_node_id***Explanation**

No additional information is available for this message.

Action

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

HSTCM0302E Unable to change WAL binding for fileset *cm_fileset_name* (*cm_fileset_id*)**Explanation**

No additional information is available for this message.

Action

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

HSTCM0303E Unable to commit rebalance bind transaction.

Explanation

No additional information is available for this message.

Action

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

HSTCM0304E Unable to bind fileset *cm_fileset_name* (*cm_fileset_id*) to WAL VolumeID=*cm_volume_id*

Explanation

No additional information is available for this message.

Action

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

HSTCM0305E Error updating WAL version moving filesets to node *cm_node_id*

Explanation

No additional information is available for this message.

Action

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

HSTCM0306E Error *cm_result_code* sending invalidate load map groupcast.

Explanation

No additional information is available for this message.

Action

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

HSTCM0307E Error *cm_result_code* sending get WAL message to node *cm_node_id***Explanation**

No additional information is available for this message.

Action

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

**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.

Action

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

HSTCM0309E Error *cm_result_code* sending clean workload message to node *cm_node_id***Explanation**

No additional information is available for this message.

Action

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

HSTCM0310E Error *cm_result_code* processing clean workload.**Explanation**

No additional information is available for this message.

Action

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

**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.

Action

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

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.

Action

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

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.

Action

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

HSTCM0314E Error *cm_result_code* sending start workload message to node *cm_node_id*

Explanation

No additional information is available for this message.

Action

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

HSTCM0315E Error *cm_result_code* processing start workload.

Explanation

No additional information is available for this message.

Action

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

HSTCM0316E Error *cm_result_code* sending stop workload message to node *cm_node_id***Explanation**

No additional information is available for this message.

Action

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

HSTCM0317E Error *cm_result_code* processing stop workload.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0318E Error *cm_result_code* sending start serving message.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0319W CM master is not started.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0320W CM Master is not running on this node.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0321W Volume *cm_volume_name* 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.

HSTCM0322E Storage pool information read failed. Return code = *cm_result_code*.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0323W Storage pool *cm_pool_name* (*cm_pool_id*) partition size is zero. Lost integrity.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0324W Conflicting volume drain command is already in progress.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0325I Volume *cm_volume_name* is removed.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0326E GIO failed to decommission disk = 0xcm_disk_id. RC = cm_result_code.

Explanation

No additional information is available for this message.

Action

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

HSTCM0327E Delete record from cm_volume_name table failed. RC = cm_result_code.

Explanation

No additional information is available for this message.

Action

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

HSTCM0328E Fetch record from cm_volume_name table failed. RC = cm_result_code.

Explanation

No additional information is available for this message.

Action

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

HSTCM0329E Replace record from cm_volume_name table failed. RC = cm_result_code.

Explanation

No additional information is available for this message.

Action

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

HSTCM0330E Commit transaction failed. RC = *cm_result_code*.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0331E CMMPRuleStreamBuf problem, testRecordFit RC = *cm_result_code* setting sb_maxRecord to *cm_max_record_size***Explanation**

Error in setting up the CM policy rule stream buffer record size.

Action

This is a transient problem. No action required.

HSTCM0332E Error *cm_result_code* sending getStgCapacity message.**Explanation**

Could not send a request to the master node asking for the total amount of storage space managed by the cluster.

Action

Make sure the master node is up and running. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0333E Error *cm_result_code* processing get capacity.**Explanation**

The master node could not process a request asking for the total amount of storage space managed by the cluster.

Action

Make sure that the master node is alive and not hung. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0334E CMLocal: Disk scanning error**Explanation**

Error scanning the disks during cluster transition.

Action

This is a serious problem. Contact your service representative immediately.

HSTCM0335S CALLHOME: CMLocal: Disk scanning error. The server process is stopping.**Explanation**

Unrecoverable error while scanning the disks during cluster transition. The server process will stop as a result.

Action

This is a serious problem. Please contact your service representative immediately.

HSTCM0336I CMSTATE_INJ: State transition begin failed.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0337I CMSTATE_INJ: State transition pre-prepare failed**Explanation**

No additional information is available for this message.

Action

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

HSTCM0338I CMSTATE_INJ: State transition post-prepare failed**Explanation**

No additional information is available for this message.

Action

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

HSTCM0339I CMSTATE_INJ: State transition post commit-abort failed**Explanation**

No additional information is available for this message.

Action

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

HSTCM0340I CMSTATE_INJ: State transition stalled at start of lock revoke**Explanation**

No additional information is available for this message.

Action

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

HSTCM0341I CMSTATE_INJ: State transition stalled at end of lock revoke**Explanation**

No additional information is available for this message.

Action

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

HSTCM0342I CMSTATE_INJ: State transition stalled at ClientIOTxn**Explanation**

No additional information is available for this message.

Action

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

HSTCM0343I CMSTATE_INJ: State transition stalled at syncWorkload**Explanation**

No additional information is available for this message.

Action

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

HSTCM0344I CMSTATE_INJ: State transition stalled at suspendIO**Explanation**

No additional information is available for this message.

Action

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

HSTCM0345I CMSTATE_INJ: Stall for client TmTxn in execution

Explanation

No additional information is available for this message.

Action

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

HSTCM0346S Unable to create default policy set.

Explanation

No additional information is available for this message.

Action

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

HSTCM0347S fileset *cm_fileset_name* has detected unknown error *cm_result_code*

Explanation

An unknown error occurred while reporting quota information for a fileset.

Action

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

HSTCM0348E Invalid partition size *cm_partition_size* specified for pool *cm_pool_name*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0349E Invalid block size *cm_block_size* specified for pool *cm_pool_name*.

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

HSTCM0351E *cm_pool_name* name exceeds the maximum length of *cm_max_name_length* characters.

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

HSTCM0353E Invalid alert value *cm_alert_percent* specified for *cm_pool* *cm_pool_name*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0354E *cm_default_pool_name*: Cluster Manager master node was not started.

Explanation

No additional information is available for this message.

Action

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

HSTCM0355E *cm_storagepooldelete* was run on subordinate node or during a cluster transition.

Explanation

No additional information is available for this message.

Action

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

HSTCM0356E You cannot change the name of the System Pool.

Explanation

No additional information is available for this message.

Action

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

HSTCM0357E You cannot set the System Pool as the default.

Explanation

No additional information is available for this message.

Action

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

HSTCM0358E You cannot change the description of the System Pool.

Explanation

No additional information is available for this message.

Action

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

HSTCM0359E *cm_callback_name* callback registration failed. RC = *cm_result_code*

Explanation

Either the Callback was already registered, or there was an internal error while registering the Callback. View the error code.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTCM0360E Error restarting the space reclamation thread

Explanation

Internal Error: Space reclamation thread could not be restarted. As a result, the background thread to reclaim freed space is no longer running.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTCM0361E There was an out-of-memory error. The space reclamation thread is shutting down.

Explanation

The space reclaim thread has encountered an unexpected out of memory error while initializing the space reclaim control block. As a result the space reclaim thread is shutting down.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTCM0362I Shutting down the space reclamation thread.

Explanation

The administrator has either stopped the space reclamation thread or there is a cluster transition. There also might be an internal error.

Action

No action is needed if the administrator shuts down, or in the event of a cluster transition. If it is neither of these, view the log messages to determine the cause of thread shutdown. Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTCM0363E SRT_scan_stgpools(): Could not find Storage Pool ID = *cm_pool_id*

Explanation

Internal error: Unable to find the given Storage pool message

Action

Run metadata checker to verify the integrity of the system. Based on the results, run metadata checker in the salvage mode or consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTCM0364E SRT_scan_stgpools(): Could not update Storage Pool ID = *cm_pool_id*

Explanation

Internal error: No additional information is available for this message

Action

Run metadata checker to verify the integrity of the system. Based on the results, run metadata checker in the salvage mode or consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTCM0365E scan_stgpool_arenas: Unable to find control block for arena with filesetId *cm_fileset_id*, stgPoolID *cm_pool_id***Explanation**

Internal error: No additional information is available for this message

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTCM0366E Cannot find node serving this Arena, error *cm_result_code***Explanation**

Either the serving node is down or does not exist.

Action

No action is required, review the aserver and cluster logs for details. The arena will be skipped. If the network partition is repaired and connectivity with the master is restored, the subordinate will automatically re-join the cluster.

HSTCM0367E SRT_scan_stgpool_arenas(): Error finding an arena. Skipping the arena**Explanation**

The arena processing will be skipped during this run of space reclamation thread.

Action

Review the server and cluster logs for details. Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTCM0368E SRT_process_partition() failed with retVal = *cm_result_code***Explanation**

Either the fileset is not being served any longer, or there is a messaging error between the nodes.

Action

Review server and cluster logs for details. Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTCM0369E SRT_scan_stgpool_arenas(): could not update arena hint**Explanation**

Either the fileset is not being served any longer, or there is a messaging error between the nodes.

Action

Review server and cluster logs for details. Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

**HSTCM0370E Error *cm_result_code* sending
cmGetArenaFreePartitionsMsg failed to node = *cm_node_id*****Explanation**

No additional information is available for this message.

Action

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

**HSTCM0371E SRT_process_partitions(): Partition is already locked
*cm_partition_id*****Explanation**

Internal Error: Space reclaim thread tried to lock a partition which is already locked. The reclaim thread is shutting down.

Action

Run metadata checker to check the integrity of the system. Contact your service representative for additional assistance.

**HSTCM0372E SRT_process_partition(): Lock partition failed,
partition = *cm_partition_id*. RC = *cm_result_code*****Explanation**

Internal Error: Space reclaim thread could not lock the partition

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

**HSTCM0373E process_partition(): Unable to delete partition:
cm_partition_id on disk: *0xcm_disk_id*. RC = *cm_result_code***

Explanation

Internal Error: Space reclaim thread could not delete the specified partition

Action

View the log.std to find out the cause of the problem. Also, run metadata checker to assess the system integrity. Contact your service representative for additional assistance.

**HSTCM0374E Error *cm_result_code* sending
cmArenaSpaceReclaimCandidateMsg failed to node = *cm_node_id***

Explanation

No additional information is available for this message.

Action

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

**HSTCM0375E Error *cm_result_code* sending cmUpdateReclaimHintMsg
failed to node = *cm_node_id***

Explanation

No additional information is available for this message.

Action

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

**HSTCM0376S CMSTATE: Fatal error. Illegal request made to
transition from state *cm_state_name* to state *cm_state_name*.**

Explanation

The requested immediate state transition could not be completed. There are several possible reasons for this, including: 1) The new state is the same as the old state, 2) The new state does not exist, or 3) The transition is the incorrect type. All of these errors are an indication of a program defect and are fatal.

Action

The server immediately stops.

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

The requested immediate state transition could not be completed. There are several possible reasons for this, including: 1) The new state is the same as the old state, 2) The new state does not exist, or 3) The transition is the incorrect type. All of these errors are an indication of a program defect and are fatal.

Action

The server immediately stops.

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, 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 might reveal other problems that need to be addressed.

HSTCM0379E CMSTATE: 2PC for state transition failed. RC = *cm_result_code*

Explanation

The attempt to perform a clusterwide state transition has failed. There are several possible reasons for this, which include a subordinate server crash or a violation of the grace period policy. The specific error will also be written to the log.

Action

The transition is stopped, and the cluster is returned to its original state. After error examination, the transition command can be issued again.

HSTCM0380E GS: Node=*cm_node_id* failed with error code = *cm_result_code*

Explanation

The specified node had the given error when attempting to perform the state transition.

Action

The transition is stopped and the cluster is returned to its original state. After error examination, the transition command can be issued again.

HSTCM0381S CMSTATE: Fatal error beginning graceful shutdown. The server process is stopping.

Explanation

The attempt to begin graceful shutdown of an individual server failed. There are several possible reasons for this, such as the server being in an inappropriate state to shutdown.

Action

The server immediately stops, ungracefully.

HSTCM0382S CALLHOME: CMSTATE: Fatal error beginning graceful shutdown. The server process is stopping.

Explanation

The attempt to begin graceful shutdown of an individual server failed. There are several reasons for this, including the server being in an inappropriate state to shutdown.

Action

The server immediately stops, ungracefully.

HSTCM0383E CMSTATE: Failed to register 2PC callback functions.

Explanation

The CM layer failed to register its callback functions with GS as part of system startup.

Action

The server startup immediately fails.

HSTCM0384E CMSTATE *cm_state_name* fatal error. Incorrect type given in transition request. Current state = *cm_state_name*, Pending state = *cm_state_name*, New state = *cm_state_name*, New Type = *cm_state_type*

Explanation

The type of transition being requested is not correct.

Action

The server immediately stops.

HSTCM0385E OBSOLETE Error *cm_result_code* sending *cmCheckFilesetRespMsg* message.

Explanation

No additional information is available for this message.

Action

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

HSTCM0387E Alert. Fileset *cm_fileset_name* hard quota violation - request denied. Alert at *cm_quota_limit*%, allocation is *cm_quota_allocation*%. The fileset id is *cm_fileset_id*.

Explanation

The specified fileset has reached its hard quota value.

Action

Free disk space by archiving and removing unused files. If the fileset has FlashCopy images, consider removing the older images.

HSTCM0388W Alert. Fileset *cm_fileset_name* soft quota violation. Alert at *cm_quota_limit*%, allocation is *cm_quota_allocation*%. The fileset id is *cm_fileset_id*.

Explanation

The specified fileset has reached its soft quota value.

Action

Free disk space by archiving and removing unused files. If the fileset has FlashCopy images, consider removing the older images.

HSTCM0389W Alert. Fileset *cm_fileset_name* alert at *cm_quota_limit*%, allocation is *cm_quota_allocation*%. The fileset id is *cm_fileset_id*.

Explanation

The specified fileset has reached its hard quota value.

Action

Free disk space by archiving and removing unused files. If the fileset has FlashCopy images, consider removing the older images.

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

The cluster has made the described state transition.

Action

None.

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

The cluster has made the described state transition.

Action

None.

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

The cluster has made the described state transition.

Action

None.

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

The cluster has made the described state transition.

Action

None.

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

The server has made the described state transition.

Action

None.

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

The server has made the described state transition.

Action

None.

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

The server has made the described state transition.

Action

None.

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

The server has made the described state transition.

Action

None.

HSTCM0398E Setting fileset access to *cm_state* state failed on node *cm_node_id*. Return code *cm_result_code*, fileset *cm_fileset_name* (*cm_fileset_id*).

Explanation

No additional information is available for this message.

Action

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

HSTCM0399E createFileset: Replace master record failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0400E UpdateFileset: Cluster must be in an Offline state to reassign a fileset from a server in the active group.

Explanation

No additional information is available for this message.

Action

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

HSTCM0401E Warning. Administrator must have powered off the old node.

Explanation

No additional information is available for this message.

Action

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

HSTCM0402E UpdateFileset: Subtract workload failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0403E Error inject: Close fileset on subordinate failed.

Explanation

No additional information is available for this message.

Action

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

HSTCM0404E Error inject: Recover fileset data failed.

Explanation

No additional information is available for this message.

Action

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

HSTCM0405E Error Inject: Reassign fileset to the new server failed.

Explanation

No additional information is available for this message.

Action

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

HSTCM0406E Error Inject: Open fileset failed on subordinate.

Explanation

No additional information is available for this message.

Action

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

HSTCM0407E Find Fileset: Fetch record failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0408E get_fileset_access: Fetch from fileset table failed for FilesetID = *cm_fileset_id*. Error = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0409I Warning. fileset *cm_fileset_name (cm_fileset_id)* is not served by any server.

Explanation

No additional information is available for this message.

Action

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

HSTCM0410E get_server_name: Fetch from fileset table failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0411E UpdateFileset: Add to workload failed. fileset *cm_fileset_name* (*cm_fileset_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.

Action

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

HSTCM0412E create_fileset: Fileset table insert failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0413E child_fileset_exists: Fetch from attachpoint table failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

HSTCM0415E Fetch fileset binding : Error encountered while scanning fileset binding table. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0416E Get write-ahead log List: Index scan error. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

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*, Fileset count: *cm_fileset_count*. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

HSTCM0419E Delete workload failed. RC = *cm_result_code*.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0420E Find write-ahead log: Fetch from the fileset bind table failed. fileset *cm_fileset_name (cm_fileset_id)*, RC = *cm_result_code*.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0421E Warning. Fileset *cm_fileset_name (cm_fileset_id)* is not served by any server.**Explanation**

No additional information is available for this message.

Action

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

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.

Action

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

HSTCM0423E Bind to write-ahead log: Replace record in fileset binding failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0424E Bind to write-ahead log: Insert record in fileset binding failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0425E Bind to write-ahead log: Fetch from fileset binding failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0426E Unbind write-ahead log: Fetch from fileset binding failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0427E Unbind write-ahead log: Replace record from fileset binding failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0428E Update write-ahead log version: Replace record failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

HSTCM0430E Increment write-ahead log version: Transaction commit failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0431E Change fileset assignment: Delete record failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0432E *get_fileset_binding*: Fetch from write-ahead log table failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0433E *get_fileset_binding*: Fetch from fileset binding table failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0434E *getServerName*: Error inject Cluster Manager master is not running.

Explanation

No additional information is available for this message.

Action

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

HSTCM0435E *cm_getServerNodeId_string*: Cluster Manager master is not running.

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

HSTCM0437E Create fileset: Commit transaction failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0438E Delete redo entry failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0439E Update fileset: Increment write-ahead log version failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0440E Update fileset: Recover fileset failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0441E Update fileset: Change fileset reassignment failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0442E Update fileset: Replace fileset table record failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0443E update_root_fileset: Replace fileset table record failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

**HSTCM0444E check_fileset_bind: Fetch fileset table record failed.
RC = *cm_result_code*.**

Explanation

No additional information is available for this message.

Action

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

**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.

Action

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

**HSTCM0446E reassign_root_fileset: Fetch root fileset binding
record failed. RC = *cm_result_code*.**

Explanation

No additional information is available for this message.

Action

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

**HSTCM0447E reassign_root_fileset: Fetch root fileset record
failed. RC = *cm_result_code*.**

Explanation

No additional information is available for this message.

Action

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

HSTCM0448E reassign_root_fileset: Replace root fileset binding record failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0449E reassign_root_fileset: Transaction commit failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0450E Warning. Fileset *cm_fileset_name* (*cm_fileset_id*) is assigned to a server that is not part of the cluster.

Explanation

No additional information is available for this message.

Action

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

HSTCM0451E assign_static_filesets: Replace fileset binding record failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0452E assign_static_filesets: Transaction commit failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0453I Space reclaim skipped for arena (CID: *cm_fileset_id*, STGP00L ID: *cm_pool_id*) because the fileset server state is Offline.

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

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.

Action

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

HSTCM0456E Salvage cluster attributes failure: Store failed with error *cm_result_code***Explanation**

No additional information is available for this message.

Action

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

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.

Action

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

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.

Action

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

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.

Action

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

HSTCM0460I Salvaging Cluster Manager cluster attributes record

Explanation

No additional information is available for this message.

Action

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

HSTCM0461I Salvaging Cluster Manager master record

Explanation

No additional information is available for this message.

Action

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

HSTCM0462E Salvage Cluster Manager master record failure: Replace record failed with error *cm_result_code*

Explanation

No additional information is available for this message.

Action

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

HSTCM0463I Salvaging full Cluster Manager *cm_attach_points_string* table.

Explanation

No additional information is available for this message.

Action

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

HSTCM0464E Check Cluster Manager *cm_fileset_name* unexpected failure: Fetch from *cm_attach_points_string* table failed with error *cm_result_code*

Explanation

No additional information is available for this message.

Action

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

HSTCM0465E Salvage Cluster Manager *cm_fileset_name* record failure: Fetch from *cm_attach_points_string* table failed with error *cm_result_code*

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

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.

Action

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

HSTCM0468E Salvage Cluster Manager *cm_fileset_name* record failure: Insert/replace into table failed with error *cm_result_code*

Explanation

No additional information is available for this message.

Action

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

HSTCM0469E Salvage Cluster Manager *cm_fileset_name* record failure: Delete from *cm_fileset_name* table failed with error *cm_result_code*

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

HSTCM0471E Destroy Cluster Manager *cm_attach_points_string* record failure: Insert/replace into *cm_fileset_name* table failed with error *cm_result_code*

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

HSTCM0473I Salvaging Cluster Manager arenas record: Arena=<fileset *cm_fileset_name* (*cm_fileset_id*), stgpool *cm_pool_name* (*cm_pool_id*)>

Explanation

No additional information is available for this message.

Action

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

HSTCM0474I Destroying Cluster Manager arenas record: Arena=<filesetId=*cm_fileset_id*,stgPoolId=*cm_pool_id*>

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

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.

Action

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

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.

Action

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

HSTCM0478I Destroying Cluster Manager LOGICAL-PARTITIONS record: LPT Record <PartitionNo=*cm_partition_number*>

Explanation

No additional information is available for this message.

Action

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

HSTCM0479I Salvaging Cluster Manager attach points record: Attach point records for fileset ID=*cm_fileset_id*

Explanation

No additional information is available for this message.

Action

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

HSTCM0480I Salvage Cluster Manager filesets record: Volatile fileset control-block access failed with error *cm_result_code*. Record will be destroyed.

Explanation

No additional information is available for this message.

Action

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

HSTCM0481I Salvage Cluster Manager filesets record: Volatile fileset control-block sanity check failed. Record will be destroyed.

Explanation

No additional information is available for this message.

Action

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

HSTCM0482I Salvage Cluster Manager filesets 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.

Action

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

HSTCM0483I Salvaging Cluster Manager filesets record: Fileset <filesetId=*cm_fileset_id*>

Explanation

No additional information is available for this message.

Action

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

HSTCM0484E Salvage Cluster Manager filesets record: find_node failed with error *cm_result_code*

Explanation

No additional information is available for this message.

Action

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

HSTCM0485I Destroying Cluster Manager filesets record: <fileset *cm_fileset_name*, (*cm_fileset_id*)>**Explanation**

No additional information is available for this message.

Action

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

HSTCM0486W Destroy Cluster Manager filesets record: Setting fileset Offline failed with error *cm_result_code***Explanation**

No additional information is available for this message.

Action

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

HSTCM0487W Destroy Cluster Manager filesets record: Revoke locks control_data_access failed with error *cm_result_code***Explanation**

No additional information is available for this message.

Action

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

HSTCM0488I Destroying Cluster Manager redoactions record: RedoAction <key=*cm_redo_key*>**Explanation**

No additional information is available for this message.

Action

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

**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.

Action

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

**HSTCM0490I Salvaging Cluster Manager storage pools record: stgpool
<cm_pool_name (cm_pool_id)>**

Explanation

No additional information is available for this message.

Action

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

**HSTCM0491I Destroying Cluster Manager storage pools record:
StgPool <stgpool=cm_pool_name (cm_pool_id)>**

Explanation

No additional information is available for this message.

Action

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

**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.

Action

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

HSTCM0493I Salvaging Cluster Manager volumes record: Volumes
<stgpool=*cm_pool_id* (*cm_pool_name*), diskId=0x*cm_disk_id*>

Explanation

No additional information is available for this message.

Action

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

HSTCM0494I Destroying Cluster Manager volumes record: Volumes
<stgpool=*cm_pool_id* (*cm_pool_name*), diskId=0x*cm_disk_id*>

Explanation

No additional information is available for this message.

Action

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

HSTCM0495I Destroy Cluster Manager volumes record: Deleting LPT
Record <PartitionNo=*cm_partition_number*>

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

HSTCM0497E Salvage Cluster Manager WALvolumes record: find_node failed with error = *cm_result_code*

Explanation

No additional information is available for this message.

Action

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

HSTCM0498I Salvaging Cluster Manager fileset bindings record: FilesetBinding <filesetId=*cm_fileset_id*>

Explanation

No additional information is available for this message.

Action

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

HSTCM0499I Salvaging Cluster Manager WALvolumes record: WALVolumes <walVolumeId=*cm_wal_volume_id*>

Explanation

No additional information is available for this message.

Action

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

HSTCM0500I Destroying Cluster Manager WALvolumes record: WALVolumes <walVolumeId=*cm_wal_volume_id*>

Explanation

No additional information is available for this message.

Action

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

HSTCM0501I Destroying Cluster Manager policy sets record:

<PolicyId=cm_policy_id>

Explanation

No additional information is available for this message.

Action

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

HSTCM0502I Salvaging default policy set.

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

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.

Action

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

HSTCM0505I Salvaging all Cluster Manager derived policy tables by reactivating active policy set.**Explanation**

No additional information is available for this message.

Action

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

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.

Action

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

HSTCM0507E Salvage Cluster Manager derived policy tables failure: ActivatePolicy failed with error *cm_result_code***Explanation**

No additional information is available for this message.

Action

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

HSTCM0508E Check Cluster Manager filesets record: find_node failed with error *cm_result_code***Explanation**

No additional information is available for this message.

Action

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

**HSTCM0509E Error encountered while processing redo actions table.
RC = *cm_result_code*.**

Explanation

No additional information is available for this message.

Action

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

**HSTCM0510W reverttoimage for fileset *cm_fileset_name*
(*cm_fileset_id*) failed: Fileset has child filesets.**

Explanation

No additional information is available for this message.

Action

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

HSTCM0511E Extract system metadata failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0512E Extract filesets failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0513E Extract attach points failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0514E Extract policy sets failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0515E Extract storage pools failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0516E Extract service classes failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0517E Extract volumes failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

HSTCM0518E Bind error in policy set *cm_policy_set_name* rule *cm_rule_name*. Service class *cm_service_class_name* does not exist.

Explanation

The policy set that was activated contains a reference to a service class that does not exist.

Action

Update the policy set, or create the missing service class.

HSTCM0519E Bind error in policy set *cm_policy_set_name* rule *cm_rule_name*. Storage pool *cm_pool_name* does not exist.

Explanation

The policy set that was activated contains a reference to a storage pool that does not exist.

Action

Update the policy set, or create the missing storage pool.

HSTCM0520E Bind error in policy set *cm_policy_set_name* rule *cm_rule_name*. Fileset *cm_fileset_name* does not exist.

Explanation

The policy set that was activated contains a reference to a fileset that does not exist.

Action

Update the policy set, or create the missing fileset.

HSTCM0573E Arg*cm_argument_index* [key | cmRedoActionHeader | cmRedoWormHole | cmRedoPartitionStateChange | cmRedoDeallocPartition | cmRedoUpdateFilesetQuota | cmRedoLVMVolumeOperationRecord | pattern]

Explanation

No additional information is available for this message.

Action

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

HSTCM0624E Check CM Failure : CM cluster attributes magic number *cm_magic_index* is *cm_magic_value* should be *cm_magic_value*

Explanation

The metadata checker detected a corruption in the cluster attributes.

Action

Repeat the metadata check and if the error persists contact your service representative.

HSTCM0625E Check Cluster Manager failure: Cluster Manager cluster attributes software version *cm_version* should be *cm_version*

Explanation

The metadata checker detected a corruption in the cluster attributes.

Action

Repeat the metadata check. If the error persists, contact your service representative.

HSTCM0626E Check Cluster Manager failure: Cluster Manager cluster attributes record length *cm_record_length* should be *cm_record_length*

Explanation

The metadata checker detected a corruption in the cluster attributes.

Action

Repeat the metadata check. If the error persists, contact your service representative.

HSTCM0627E Check Cluster Manager failure: Cluster Manager cluster attributes reserved space *cm_reserved_space_number* is incorrect.

Explanation

The metadata checker detected a corruption in the cluster attributes.

Action

Repeat the metadata check. If the error persists, contact your service representative.

HSTCM0628I Salvaging Cluster Manager cluster attributes control block.

Explanation

No additional information is available for this message.

Action

No action is required.

HSTCM0629S Salvage Cluster Manager failure: Cluster Manager cluster attributes store failed. RC = *cm_result_code*

Explanation

The metadata checker could not repair the cluster attributes.

Action

Repeat the metadata check. If the error persists, contact your service representative.

HSTCM0630E Check Cluster Manager failure: Cluster Manager arenas table record/key wrong size for <fileset *cm_fileset_name* (*cm_fileset_id*), stgpool *cm_pool_name* (*cm_pool_id*)>

Explanation

The metadata checker has found a problem with a record key in the arenas 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.

HSTCM0631E Check Cluster Manager failure: Cluster Manager arenas table key's fileset ID *cm_fileset_id* was not found in filesets table.

Explanation

The metadata checker has found a problem with a record key in the arenas table. The fileset the arena refers to does not exist.

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.

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

The metadata checker has found a problem with a record key in the arenas table. The storage pool to which the arena refers does not exist.

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.

HSTCM0633S Check Cluster Manager failure: Cluster Manager arenas table record LPT root check failed. Root = *cm_root_page*

Explanation

The metadata checker has found a problem with the root page of a logical partition map 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.

HSTCM0634E Check Cluster Manager failure: Cluster Manager *cm_object_name* table record version *cm_version* should be *cm_version*

Explanation

The metadata checker has found a problem with a record. The version of the record is invalid.

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.

HSTCM0635E Check Cluster Manager failure: Cluster Manager arenas table record capacity *cm_capacity* is incorrect. It should be *cm_partition_highest*.

Explanation

The metadata checker has found a problem with the capacity of an arena. The message indicates the correct value.

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.

HSTCM0636E Check Cluster Manager failure: Cluster Manager arenas table record occupancy *cm_partition_count* is incorrect. It should be *cm_partition_count*.

Explanation

The metadata checker has found a problem with the occupancy of an arena. The message indicates the correct value.

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.

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

The metadata checker has found an entry in the logical partition table that is a duplicate of another.

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.

HSTCM0638E Check Cluster Manager failure: Cluster Manager logical partitions table record/key wrong size for < lptkey=*cm_key* >

Explanation

The metadata checker has found a problem with a record in a logical partition 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.

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

The metadata checker found a record in a logical partition table that references a volume that does not exist.

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.

HSTCM0640E Check Cluster Manager failure: Cluster Manager logical partitions table record physPartNo *cm_partition_number* equivalent key < stgPoolId=*cm_pool_id*, diskId=0x*cm_disk_id*, segNo=*cm_segment_number* > was not found in volumes partition map table.

Explanation

The metadata checker has found a record in a logical partition table that references a physical partition that is beyond the size of the volume.

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.

HSTCM0641E Check Cluster Manager failure: Cluster Manager logical partitions table record physPartNo *cm_partition_number* was not allocated in volumes partition map table.

Explanation

The metadata checker has found a record in a logical partition table that references a physical partition that was not marked as allocated in the volume.

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.

HSTCM0642E Check Cluster Manager failure: Cluster Manager logical partitions table record partition state *cm_partition_state* is incorrect.

Explanation

The metadata checker has found a record in a logical partition table that is in an invalid state.

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.

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.

Action

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

HSTCM0644S Salvage CM *cm_object_name* Table failure: Commit transaction failed. RC = *cm_result_code*.

Explanation

No additional information is available for this message.

Action

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

**HSTCM0648E Check Cluster Manager failure: Cluster Manager attach points table record/key wrong size for
key=(*cm_fileset_id*,*cm_object_id*,*cm_object_name_length*)**

Explanation

The metadata checker has found a record in the attach points table that is invalid.

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.

**HSTCM0649E Check Cluster Manager failure: Cluster Manager attach points table record name does not match fileset and local OID
(*cm_fileset_id*,*cm_object_id*,*cm_object_name*) Data
(*cm_fileset_id*,*cm_object_id*).**

Explanation

The metadata checker has found a record in the attach points table that does not reference a valid filesystem object.

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.

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

The metadata checker found a record in the attach points table that is an invalid global root fileset.

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.

HSTCM0651E Check Cluster Manager failure: Cluster Manager attach points table key fileset *cm_fileset_name* (*cm_fileset_id*) was not found in filesets table.

Explanation

The metadata checker found a record in the attach points table that does not reference a valid fileset.

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.

HSTCM0652E Check Cluster Manager failure: Cluster Manager attach points table key name length *cm_name_length* is not valid.

Explanation

The metadata checker found a record in the attach points table that has an invalid name length.

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.

HSTCM0653E Check Cluster Manager failure: Cluster Manager attach points table record data

<filesetId=*cm_fileset_id*,objectId=*cm_object_id*> not correct for key <filesetId=*cm_fileset_id*, objectId=*cm_object_id*, nameLen=*cm_name_length*, name=*cm_name*>.

Explanation

The metadata checker found a record in the attach points table that is invalid.

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.

HSTCM0654E Check Cluster Manager failure: Cluster Manager attach points table record fileset *cm_fileset_name* (*cm_fileset_id*) was not found in filesets table.

Explanation

The metadata checker found a record in the attach points table that references a fileset that does not exist.

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.

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 filesets table.

Explanation

The metadata checker found a record in the attach points table that references a fileset that does not exist.

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.

HSTCM0656E Check Cluster Manager failure: Cluster Manager attach points table key object ID *cm_object_id* was not found by reverse lookup in fileset *cm_fileset_name* (*cm_fileset_id*)

Explanation

The metadata checker found a record in the attach points table that references an object that does not exist.

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.

HSTCM0657E Check Cluster Manager failure: Cluster Manager attach points table key object ID *cm_object_id* reverse lookup in fileset *cm_fileset_name* (*cm_fileset_id*) failed. RC = *cm_result_code*

Explanation

The metadata checker found a record in the attach points table that references an object that does not exist.

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.

HSTCM0658E Check Cluster Manager failure: Cluster Manager attach points table cannot lookup path *cm_path_name* in fileset *cm_fileset_name* (*cm_fileset_id*)

Explanation

The metadata checker found a record in the attach points table that references an invalid path.

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.

HSTCM0659E Check Cluster Manager failure: Cluster Manager attach points table lookup path *cm_path_name* in fileset *cm_fileset_name* (*cm_fileset_id*) failed with error *cm_result_code*

Explanation

The metadata checker found a record in the attach points table that references an invalid path.

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.

HSTCM0660E Check Cluster Manager failure: Cluster Manager attach points table record data <filesetId=*cm_fileset_id*,objectId=*cm_object_id*> does not correlate with lookup data <filesetId=*cm_fileset_id*,objectId=*cm_object_id*>.

Explanation

The metadata checker found a record in the attach points table that has data that does not match the corresponding file system object.

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.

HSTCM0661E Check Cluster Manager failure: Cluster Manager attach points table has duplicate *cm_attach_direction* entries for key <fileset=*cm_fileset_id* (*cm_fileset_name*), objectId=*cm_object_id*>

Explanation

The metadata checker found a record in the attach points table that is invalid.

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.

HSTCM0662E Check Cluster Manager Failure: Cluster Manager *cm_object_type* table is empty.

Explanation

No additional information is available for this message.

Action

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

HSTCM0663E Check Cluster Manager failure: Cluster Manager attach points table has no *cm_object_type* entry for key <filesetId=*cm_fileset_id*, objectId=*cm_object_id*>

Explanation

The metadata checker found a record in the attach points table that is invalid.

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.

HSTCM0664E Check Cluster Manager failure: Cluster Manager attach points table record/key wrong size for key<fileset *cm_fileset_name* (*cm_fileset_id*)>

Explanation

The metadata checker found a record in the attach points table that is invalid.

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.

HSTCM0665E Check Cluster Manager failure: Cluster Manager filesets table key < fileset *cm_fileset_name* (*cm_fileset_id*) > not found in Logical Volume Manager volume table.

Explanation

The metadata checker found a record in the filesets table that references a logical volume that is not a fileset volume.

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.

HSTCM0666E Check Cluster Manager failure: Cluster Manager filesets table key < fileId=*cm_fileset_id* > not found in volatile fileset control block List.

Explanation

The metadata checker found a record in the filesets table that does not exist in the memory cache.

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.

HSTCM0667E Check Cluster Manager failure: Cluster Manager filesets table record quota *cm_quota* is not valid.

Explanation

The metadata checker found a record in the filesets table that has an invalid quota.

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.

HSTCM0668E Check Cluster Manager failure: Cluster Manager filesets table record alert percentage *cm_alert_percent* is not valid.

Explanation

The metadata checker found a record in the filesets table that has an invalid alert percentage.

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.

HSTCM0669E Check Cluster Manager failure: Cluster Manager filesets table record hard/soft quota flag *cm_quota_flag* is not valid.

Explanation

The metadata checker found a record in the filesets table that has an invalid hard quota.

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.

HSTCM0670E Check Cluster Manager failure: Cluster Manager filesets table has more than one root fileset.

Explanation

The metadata checker found more than one record in the filesets table that corresponds to the root fileset.

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.

HSTCM0671E Check Cluster Manager failure: Cluster Manager filesets table record name length *cm_name_length* is invalid.

Explanation

The metadata checker found a record in the filesets table that has an invalid fileset 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.

HSTCM0672E Check Cluster Manager failure: Cluster Manager filesets table record server name length *cm_name_length* is not valid.

Explanation

The metadata checker found a record in the filesets table that has an invalid server 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.

HSTCM0673W Check Cluster Manager: Fileset with key < fileset *cm_fileset_name* (*cm_fileset_id*) > is orphaned. GetNodeId failed for server *cm_server_name*

Explanation

The metadata checker found a record in the filesets table that is not served by an active server.

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.

HSTCM0674E Check Cluster Manager failure: Cluster Manager filesets table record attach point length *cm_attach_point_length* is not valid.

Explanation

The metadata checker found a record in the filesets table that has an invalid attach point.

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.

HSTCM0675E Check Cluster Manager failure: Cluster Manager filesets table key < fileId=*cm_fileset_id*, objectId=*cm_object_id* > not found in attach points table.

Explanation

The metadata checker found a record in the filesets table that does not have a corresponding attach point record.

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.

HSTCM0676E Check Cluster Manager failure: Cluster Manager filesets table record wormhole flag *cm_wormhole_flag* is not valid.

Explanation

The metadata checker found a record in the filesets table that is invalid.

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.

HSTCM0677E Check Cluster Manager failure: Cluster Manager filesets table key *cm_key* not found in fileset bindings(*find_node*).

Explanation

The metadata checker found a record in the filesets table that is invalid.

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.

HSTCM0678E Check Cluster Manager failure: Cluster Manager filesets table record cannot lookup path *cm_path_name* in fileset *cm_fileset_name* (*cm_fileset_id*)

Explanation

The metadata checker found a record in the filesets table that has an invalid attach point.

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.

HSTCM0679E Check Cluster Manager failure: Cluster Manager filesets table record lookup path *cm_path_name* in fileset *cm_fileset_name* (*cm_fileset_id*) failed. RC = *cm_result_code*

Explanation

The metadata checker found a record in the filesets table that has an invalid attach point.

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.

HSTCM0680E Check Cluster Manager failure: Cluster Manager filesets table record description length *cm_description_length* invalid.

Explanation

The metadata checker found a record in the filesets table that has an invalid description.

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.

HSTCM0681E Check Cluster Manager failure: Cluster Manager filesets table record attach point name *cm_attach_point_name* is not valid.

Explanation

The metadata checker found a record in the filesets table that has an invalid attach point.

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.

HSTCM0682E Check Cluster Manager failure: Cluster Manager filesets table key *cm_key* higher than master record nextVolId *cm_volume_id*

Explanation

The metadata checker found a record in the filesets table that has an ID greater than expected.

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.

HSTCM0683E CM cluster attributes load failed. RC = *cm_result_code*.

Explanation

The metadata checker was unable to read a cluster attributes record.

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.

HSTCM0684E Could not load Cluster Manager master record

Explanation

The metadata checker was unable to read a cluster manager master record.

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.

HSTCM0685E Cluster Manager master record on disk is not the same as the copy in memory

Explanation

The cluster manager master record does not match the cached version in memory.

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.

HSTCM0686E Cluster Manager master record version *cm_version* should be *cm_version*

Explanation

The version of the cluster manager master record is invalid.

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.

HSTCM0687E Cluster Manager master record update progress *cm_progress* should be *cm_progress*

Explanation

The metadata check found an invalid value for the upgrade progress field in the cluster manager master record.

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.

HSTCM0688E Cluster Manager redo actions table key/record wrong size for key (*cm_key*).

Explanation

The metadata checker found an invalid redo record.

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.

HSTCM0689E Cluster Manager redo actions table key *cm_key* is not valid.

Explanation

The metadata checker found an invalid redo record.

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.

HSTCM0690E Cluster Manager redo actions table, fileset ID *cm_fileset_id* was not found in filesets table.

Explanation

The metadata checker found a redo record that referenced an invalid fileset.

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.

HSTCM0691E Cluster Manager redo actions table cannot look up path=*cm_path_name* fileset *cm_fileset_name* (*cm_fileset_id*). RC = *cm_result_code*

Explanation

The metadata checker found a redo record that referenced an invalid path.

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.

HSTCM0692E Cluster Manager redo actions table: name is not valid.**Explanation**

The metadata checker found a redo record that contained an invalid 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.

HSTCM0693E Cluster Manager redo actions table: wormhole new name length is not valid**Explanation**

The metadata checker found a redo record that contained an invalid 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.

HSTCM0694E Cluster Manager redo actions table: PartitionStateChange fileset ID (*cm_fileset_id*) was not found in filesets table.**Explanation**

The metadata checker found a redo record that referenced an invalid fileset.

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.

HSTCM0695E Cluster Manager redo actions table: PartitionStateChange storage pool ID (*cm_pool_id*) was not found in storage pools table.**Explanation**

The metadata checker found a redo record that referenced an invalid storage pool.

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.

HSTCM0696E Cluster Manager redo actions table:

PartitionStateChange fileset, stgpoolId = <cm_fileset_name (cm_fileset_id), cm_pool_name (cm_pool_id)> was not found in arenas table.

Explanation

The metadata checker found a redo record that referenced an invalid arena.

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.

HSTCM0697E CM Redo Actions table, PartitionStateChange logical partition No (cm_partition_number) not found in Logical Partition table.**Explanation**

The metadata checker found a redo record that referenced an invalid logical partition.

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.

HSTCM0698E Cluster Manager redo actions table: DeallocPartition fileset ID (cm_fileset_id) was not found in filesets table.**Explanation**

The metadata checker found a redo record that referenced an invalid fileset.

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.

HSTCM0699E Cluster Manager redo actions table: DeallocPartition storage pool ID (cm_pool_id) was not found in storage pools table.**Explanation**

The metadata checker found a redo record that referenced an invalid storage pool.

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.

HSTCM0700E Cluster Manager redo actions table: DeallocPartition disk ID equivalent volumes key <cm_pool_id (cm_pool_name) 0xcm_disk_id> was not found in volumes table.

Explanation

The metadata checker found a redo record that referenced an invalid volume.

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.

HSTCM0701E Cluster Manager redo actions table: DeallocPartition filesetId,stgpoolId <cm_fileset_name (cm_fileset_id), cm_pool_name (cm_pool_id)> was not found in arenas table.

Explanation

The metadata checker found a redo record that referenced an invalid arena.

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.

HSTCM0702E Cluster Manager redo actions table: DeallocPartition logical partition No (cm_partition_number) was not found in logical partition table.

Explanation

The metadata checker found a redo record that referenced an invalid logical partition.

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.

**HSTCM0703E Cluster Manager redo actions table:
RedoUpdateAnchorRecord fileset ID (*cm_fileset_id*) was not found in
filesets table.**

Explanation

The metadata checker found a redo record that referenced an invalid fileset.

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.

**HSTCM0704E Cluster Manager redo actions table:
RedoUpdateAnchorRecord quota is not valid.**

Explanation

The metadata checker found a redo record that contained an invalid quota.

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.

**HSTCM0705E Cluster Manager redo actions table:
RedoUpdateAnchorRecord alert is not valid.**

Explanation

The metadata checker found a redo record that contained an invalid alert percentage.

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.

**HSTCM0706E Cluster Manager redo actions table:
RedoUpdateAnchorRecord hard/soft flag is not valid**

Explanation

The metadata checker found a redo record that contained an invalid hard quota.

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.

HSTCM0707E Cluster Manager redo actions table: Action code (*cm_action_code*) is not valid.

Explanation

The metadata checker found a redo record that contained an invalid action code.

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.

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.

Action

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

HSTCM0709E Cluster Manager policy set table name length *cm_name_length* 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.

HSTCM0710W Cluster Manager policy set table create time is in the future.

Explanation

No additional information is available for this message.

Action

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

HSTCM0711W Cluster Manager policy set table modify time is in the future.

Explanation

No additional information is available for this message.

Action

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

HSTCM0712W Cluster Manager policy set table active time is in the future.

Explanation

No additional information is available for this message.

Action

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

HSTCM0713E Cluster Manager policy set table description length 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.

HSTCM0714E Cluster Manager policy set table does not have a default policy set.

Explanation

No additional information is available for this message.

Action

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

HSTCM0715E Cluster Manager policy set table does not have an active policy set.

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

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.

Action

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

HSTCM0718E Cluster Manager policy set texts table policy ID *cm_policy_id* 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.

HSTCM0719E Cluster Manager policy set texts table segment number *cm_segment_number* 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.

HSTCM0720E Cluster Manager policy set texts table is missing text.

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

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.

Action

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

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.

Action

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

HSTCM0724E Cluster Manager policy service class rule table condition length *cm_length* 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.

HSTCM0725E Cluster Manager policy service class rule table segment count *cm_count* 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.

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.

Action

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

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.

Action

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

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.

Action

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

HSTCM0729E Cluster Manager policy storage pool rules table condition length *cm_length* 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.

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.

Action

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

**HSTCM0731E Cluster Manager policy fileset applicability table key/record wrong size for key (*cm_fileset_id*,*cm_rule_type*,
cm_rule_number).**

Explanation

No additional information is available for this message.

Action

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

HSTCM0732E Cluster Manager policy fileset applicability table key fileset *cm_fileset_id* was not found in filesets table.

Explanation

No additional information is available for this message.

Action

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

HSTCM0733E Cluster Manager policy fileset applicability table key rule type is incorrect.

Explanation

No additional information is available for this message.

Action

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

HSTCM0734E Cluster Manager policy fileset applicability table *cm_table_name* does not contain rule number *cm_rule_number*.

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

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.

Action

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

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.

Action

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

HSTCM0738E Cluster Manager policy conditions table key/record wrong size for key (*cm_key*).

Explanation

No additional information is available for this message.

Action

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

HSTCM0739E Cluster Manager policy conditions table segment number *cm_segment_number* 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.

HSTCM0740E Cluster Manager policy conditions table data is empty.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0741E Cluster Manager policy conditions table segments are 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.

HSTCM0742E Cluster Manager storage pools table key/record wrong size for key (*cm_key*).**Explanation**

No additional information is available for this message.

Action

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

HSTCM0743E Cluster Manager storage pools last allocated disk ID *0xcm_disk_id* is not correct.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0744E Cluster Manager storage pools block size *cm_pool_block_size* is not correct.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0745E Cluster Manager storage pools allocation size *cm_pool_alloc_size* is not correct.

Explanation

No additional information is available for this message.

Action

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

HSTCM0746E Cluster Manager storage pools partition size *cm_partition_size* is not correct.

Explanation

No additional information is available for this message.

Action

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

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.

Action

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

HSTCM0748E Cluster Manager storage pools volume count *cm_volume_count* is not correct.

Explanation

No additional information is available for this message.

Action

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

**HSTCM0749E Cluster Manager storage pools partition count
cm_partition_count is not correct.**

Explanation

No additional information is available for this message.

Action

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

**HSTCM0750E Cluster Manager storage pools free partition count
cm_partition_count is not correct.**

Explanation

No additional information is available for this message.

Action

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

**HSTCM0751E Cluster Manager storage pools alert percentage
cm_alert_percent is not correct.**

Explanation

No additional information is available for this message.

Action

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

HSTCM0752E Cluster Manager storage pools table name length 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.

HSTCM0753E Cluster Manager storage pools table description length 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.

HSTCM0754E Cluster Manager storage pools table is empty.**Explanation**

No additional information is available for this message.

Action

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

HSTCM0755E Cluster Manager storage pools table missing the default pool**Explanation**

No additional information is available for this message.

Action

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

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.

Action

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

HSTCM0757E Cluster Manager volumes table key/record wrong size for key (*cm_pool_id*,0x*cm_disk_id*)

Explanation

No additional information is available for this message.

Action

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

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0759E Cluster Manager volumes key, disk ID 0x*cm_disk_id* 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.

HSTCM0760E OBSOLETE Cluster Manager volumes table vector size *cm_vector_size* should be *cm_vector_size*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0761E OBSOLETE Cluster Manager volumes partition size
cm_partition_size should be *cm_partition_size*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0762E OBSOLETE Cluster Manager volumes table partition count
cm_partition_count should be *cm_partition_count*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0764E Cluster Manager volumes partition map reserved field =
\$1\$u should be 0.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0767E Cluster Manager volumes table allocation flag is incorrect.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0768E Cluster Manager volumes table name length 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.

HSTCM0769E Cluster Manager volumes table description length 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.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0771E Cluster Manager fileset bindings table key/record wrong size for key (*cm_fileset_id*).

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0772E Cluster Manager fileset bindings table key, fileset ID *cm_fileset_id* not found in Filesets table.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0773E Cluster Manager fileset 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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0774E Cluster Manager fileset bindings table is empty.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0776E Cluster Manager write-ahead log volumes table version *cm_wal_version* is invalid.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**HSTCM0777E Cluster Manager write-ahead log volumes table:
Write-ahead log volume ID= *cm_wall_volume_id* ,write-ahead log
version= *cm_wall_version* was not found in internal load map.**

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0778E Cluster Manager write-ahead log volumes table is empty.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**HSTCM0780E Cluster Manager service class table key/record wrong
size for key (*cm_key*).**

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0781E Cluster Manager service class table key *cm_key* 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.

HSTCM0782E Cluster Manager service class table has more than one default class.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0783E Cluster Manager service class table cache is not correct.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0784E Cluster Manager service class table sparsity is not correct.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0785E Cluster Manager service class table name length 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.

HSTCM0786E Cluster Manager service class table description length 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.

HSTCM0787E Cluster Manager service class table is empty.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0788E Cluster Manager service class table is missing the default pool.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0789E Cluster Manager *cm_object_name* table reserved1 field *cm_reserved1_field* should be 0.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0790E Cluster Manager *cm_object_name* table reserved2 field *cm_reserved2_field* should be 0.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0791E Cluster Manager arenas table *a_checkLptRoot* *0xcm_checkLptRoot* should be 0.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0792E Cluster Manager volumes table reserved1 field *cm_reserved1/field* should be 0.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0793I Warning. Master took *cm_seconds_count* seconds to extend arena.

Explanation

No additional information is available for this message.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0794I Warning. Master took *cm_seconds_count* seconds to translate partition.

Explanation

No additional information is available for this message.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0795I Check Cluster Manager arenas table record fileset *cm_fileset_name* (*cm_fileset_id*), stgPool *cm_pool_name*. (*cm_pool_id*). LPT changed during check. Check is incomplete.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0796S Salvage Cluster Manager arenas record failure: Check of previously salvaged record failed. Arena=<fileset *cm_fileset_name* (*cm_fileset_id*) stgPoolId=*cm_pool_id*>

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0797I Check Cluster Manager arenas record information: Check of arena record with key <filesetId=*cm_fileset_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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0799E CM Redo Actions table, Destroy volume Id = (*cm_volume_id*) found in Filesets table.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0801W Check CM Info: Cannot validate attach point reverse lookup because fileset *cm_fileset_name* (*cm_fileset_id*) is bound to unavailable server *server_name*

Explanation

The metadata checker attempts a lookup of the filesets that make up an attach point as a part of metadata validation. If the server that serves that fileset is unavailable at the time the system metadata check is initiated, this validation is skipped.

Action

No action is required. If all filesets are bound to active servers when the startmetadatacheck command is issued, then lookup validation will be done and this message will no longer appear.

HSTCM0802W Check CM Info: Cannot validate lookup of attach point because fileset *cm_fileset_name* (*cm_fileset_id*) is bound to unavailable server *server_name*

Explanation

The metadata checker attempts to lookup filesets that make up an attach point as a part of metadata validation. If a server that serves the fileset 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 filesets bound to them, then the fileset root lookup validation will be done and this message no longer appear.

HSTCM0803W Check CM Info: Cannot validate lookup of fileset *cm_fileset_name* (*cm_fileset_id*) because it is bound to unavailable server *server_name*

Explanation

The metadata checker attempts to lookup the root of wormhole filesets 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 filesets bound to them, then the wormhole lookup validation will be done and this message will no longer appear.

HSTCM0804E update_root_fileset_server: Fetch fileset record failed. CID= *cm_fileset_id*, RC= *cm_result_code*,

Explanation

Fetch root fileset record from the fileset table failed.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0805E assign_static_filesets: 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.

HSTDB0001E Clean workload already in progress.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**HSTDB0002I Write-ahead log cleaner checkpoint
version=*db_wal_cleaner_version*.**

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**HSTDB0003E RC = *db_result_code* mounting DB space *db_dbspace_id* for
cleaning.**

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDB0005E Log Record: *db_log_name*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDB0006S cannot find redo action for action code = *0xdb_action_code*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDB0008S Redo Action Table: Slot (*db_action_tuple*, *db_action_cell*): *0xdb_action_code*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDB0011E DB: Error *db_result_code* locking DB volume *db_volume_id*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDB0012E DB: Unable to get aligned buffer.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDB0013S CALLHOME: DB: Unable to get aligned buffer. The server process is stopping.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDB0014E DB: Unable to get aligned buffer.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDB0015S CALLHOME: DB: Unable to get aligned buffer. The server process is stopping.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDB0016S DB Buffer Writer: Unable to get aligned buffer.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDB0017S CALLHOME: DB Buffer Writer: Unable to get aligned buffer. The server process is stopping.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDB0018E DB get_page_buffer: Failed attempt @1 to get page buffer, sleeping @2us.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDB0019E DB: Unable to allocate aligned page buffer - @1 buffers of @2 allocated.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDB0022E RC = *db_result_code* starting DB Space *db_dbspace_id*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDB0023S Out of log space.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDB0026S Nested transaction deadlock detected.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**HSTDB0027S Log Record Header: Type=Update,
action=0xdb_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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDB0028S Buffer Writer: RC = db_result_code from write. The server process is stopping.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDB0029S CALLHOME: Buffer Writer: RC = db_result_code from write. The server process is stopping.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDB0030E No space in DB space db_dbSPACE_id.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDB0031E Error Inject: Write-ahead log version mismatched while starting workload.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDB0032E Error Inject: Write-ahead log version set failed.**Explanation**

No additional information is available for this message.

Action

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0002E dioDiskCtlBlk: fstat error *dio_result_code* for disk *dio_disk_name***Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0005E dioDiskCtlBlk: Size zero for disk *dio_disk_name*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0006E dioDiskCtlBlk: Unsupported file type *dio_file_type* for disk *dio_disk_name*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0007E DI0: 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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0008E DI0: Error creating file *dio_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.

HSTDI0009E DI0: Write failed for file *dio_file_name* because there is insufficient disk space.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0010E DI0: Write failed for file *dio_file_name* because there is insufficient disk space.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0011E DI0: Write failed for file *dio_file_name* with error *dio_result_code***Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0012E DI0: Duplicate handle (*dio_handle_id*) returned by open.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0013E DI0: A disk handle that is not valid was passed to executeI0:*dio_handle_id*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0014E DI0: Error opening file *dio_file_name* for writing, errno *dio_result_code*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0015E DI0: 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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0016E DI0: Error reading file *dio_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.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0019E *dioDiskCtlBlk: Error dio_result_code occurred opening disk dio_disk_name*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0020E *dioDiskCtlBlk: fstat error dio_result_code for disk dio_disk_name*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0021E dioDiskCtlBlk: Unsupported file type *dio_file_type* for disk *dio_disk_name*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0022E DI0: 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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0023E DI0: Error creating file *dio_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.

HSTDI0024E DI0: Write failed for file *dio_file_name* because there is insufficient disk space.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0025E DI0: Write failed for file because there is insufficient disk space.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0026E DI0: Write failed for file *dio_file_name* with error *dio_result_code*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0027E DI0: Duplicate handle (*dio_*) returned by open.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0028E DI0: A disk handle that is not valid was passed to executeI0:*dio_handle_id*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0029E DI0: Writing the *dio_file_name* file failed with the following system message: *dio_system_message*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0031E DIO: Error reading file *dio_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.

HSTDI0032E DIO: Seek failed for disk *dio_disk_name* with errno *dio_result_code***Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0033E DIO: Write or read failed for disk.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0034E DIO: Write or read failed for disk.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0035E DI0: Write failed for disk *dio_disk_name* with errno *dio_result_code*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0036E DI0: Read failed for disk *dio_disk_name* with errno *dio_result_code*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0037E DI0: Write failed for disk *dio_disk_name* ; attempted=*dio_byte_count*, actual=*dio_byte_count*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0038E DI0: Read failed for disk *dio_disk_name* ; attempted=*dio_byte_count*, actual=*dio_byte_count*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0039E Active file system mount point, *dio_mount_point*, specified.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0040E dioDiskCtlBlk: Error *dio_result_code* occurred opening disk *dio_disk_name*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0041E dioDiskCtlBlk: fstat error *dio_result_code* for disk *dio_disk_name*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0042E dioDiskCtlBlk: ioctl error *dio_result_code* for disk *dio_disk_name*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0044E dioDiskCtlBlk: Unsupported file type *dio_file_type* for disk *dio_disk_name*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0045E DI0: 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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0046E DI0: Error creating file *dio_result_code*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0047E DI0: Write failed for file *dio_file_name* because there is insufficient disk space.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0048E DI0: Write failed for file *dio_file_name* with error *dio_result_code*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0049E DI0: Duplicate handle (*dio_handle_id*) returned by open.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0050E DI0: A disk handle that was not valid was passed to *executeIO:dio_io_handler*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0051E DI0: Error *dio_result_code* opening file *dio_file_name* for writing.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0052E DI0: Only *dio_byte_count* of *dio_byte_count* bytes were written to *dio_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.

HSTDI0053E DI0: Error reading file *dio_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.

HSTDI0054E DI0: Write or read failed for disk *dio_disk_name* with errno *dio_result_code***Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0055E DI0: 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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0056E DI0: Error deleting file *dio_file_name*: *dio_result_code***Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0057E DI0: Error deleting file *dio_file_name: dio_result_code*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDI0058E DI0: Error deleting file *dio_file_name: dio_result_code*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTD0001E Thread monitoring services were not started.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTD0002E Dispatcher startup failed. Could not start the required number of high priority threads.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDP0003E Dispatcher startup failed. Could not start all administrative priority threads.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDP0004E Dispatcher startup failed. Could not start worker threads for normal and master priorities.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDP0006I Callback registration failed for *dsp_thread_count*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDP0007I The cluster is quiesced, and there are no more administrative threads.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTDP0008I Emergency thread could not be started.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTEV0002E An error occurred while sending trap message. Message ID = *event_snmp_message_id*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTEV0003E Cannot find file *event_snmp_file_name*. SNMP will be disabled.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTFS0023E Salvage free space map. Vector index=*fs_vector_index* vector word=0x*fs_vector_word* bits used=*fs_bits_used*

Explanation

This message indicates that a free space map is being salvaged as a result of a metadata checker scan.

Action

View the logs on the specified server to view details of the metadata corruption and repair.

HSTFS0024E Fileset free space map index version *fs_version* should be *fs_version* Fileset=*fs_fileset_id* FS Map root page=*fs_page_number*

Explanation

A corruption was detected in the free space map (invalid map index version).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem

was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

HSTFS0025S Fileset free space map index root page is not correct
Fileset=*fs_fileset_id* FS Map root page=*fs_page_number*

Explanation

A corruption was detected in the free space map (invalid index root page).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

HSTFS0026S Fileset free space map index left sibling is not correct
Fileset=*fs_fileset_id* FS Map root page=*fs_page_number*

Explanation

A corruption was detected in the free space map (invalid map index left sibling).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

HSTFS0027E OBSOLETEUnable to lock page. Fileset=*fs_fileset_id* FS Map root page=*fs_page_number*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTFS0028S Fileset free space map index right sibling is not correct. Fileset=*fs_fileset_id* FS Map root page=*fs_page_number*

Explanation

A corruption was detected in the free space map (invalid map index right sibling).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem

was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

HSTFS0029E Fileset free space map index maximum records is not correct. Fileset=*fs_fileset_id* FS Map root page=*fs_page_number*

Explanation

A corruption was detected in the free space map (invalid maximum number of records in index).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

HSTFS0030E Fileset check free space map index payload is not NULL. Does not agree. Fileset=*fs_fileset_id* FS Map root page=*fs_page_number*

Explanation

A corruption was detected in the free space map (invalid index payload).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

HSTFS0031E Fileset free space map index record count is not correct. Fileset=*fs_fileset_id* FS Map root page=*fs_page_number*

Explanation

A corruption was detected in the free space map (invalid index record count).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

HSTFS0032E Fileset free space map index first reserved space is not correct. Fileset=*fs_fileset_id* FS Map root page=*fs_page_number*

Explanation

A corruption was detected in the free space map (invalid first reserved space in index).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

HSTFS0033E Fileset free space map index second reserved space is not correct. Fileset=*fs_fileset_id* FS Map root page=*fs_page_number*

Explanation

A corruption was detected in the free space map (invalid second reserved space number in index).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

HSTFS0034E Fileset free space map index third reserved space is not correct Fileset=*fs_fileset_id* FS Map root page=*fs_page_number*

Explanation

A corruption was detected in the free space map (invalid third reserved space in index).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

HSTFS0035E Fileset free space map index fourth reserved space is not correct Fileset=*fs_fileset_id* FS Map root page=*fs_page_number*

Explanation

A corruption was detected in the free space map (invalid fourth reserved space in index).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

HSTFS0036E Fileset free space map index fifth reserved space is not correct Fileset=*fs_fileset_id* FS Map root page=*fs_page_number*

Explanation

A corruption was detected in the free space map (invalid fifth reserved space in index).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

HSTFS0037E Fileset free space map index sixth reserved space is not correct Fileset=*fs_fileset_id* FS Map root page=*fs_page_number*

Explanation

A corruption was detected in the free space map (invalid sixth reserved space in index).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

HSTFS0038E Fileset free space map index seventh reserved space is not correct Fileset=*fs_fileset_id* FS Map root page=*fs_page_number*

Explanation

A corruption was detected in the free space map (invalid seventh reserved space in index).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

**HSTFS0039E Fileset free space map leaf version
fs_free_space_map_version should be *fs_free_space_map_version*
Fileset=*fs_fileset_id* FS Map page=*fs_page_number***

Explanation

A corruption was detected in a free space map (invalid leaf version).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

HSTFS0040E Fileset free space map leaf first reserved space is not correct. Fileset=*fs_fileset_id* FS Map page=*fs_page_number*

Explanation

A corruption was detected in a free space map (invalid first reserved space in leaf).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

HSTFS0041E Fileset free space map leaf left sibling is not correct Fileset=*fs_fileset_id* FS Map page=*fs_page_number*

Explanation

A corruption was detected in a free space map (invalid leaf left sibling).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

HSTFS0042E OBSOLETE Unable to lock page Fileset=*fs_fileset_id* FS Map page=*fs_page_number*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTFS0043E Fileset free space map leaf right sibling is not correct. Fileset=*fs_fileset_id* FS Map page=*fs_page_number*

Explanation

A corruption was detected in a free space map (invalid leaf right sibling).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

HSTFS0044E Fileset free space map leaf second reserved space is not correct. Fileset=*fs_fileset_id* FS Map page=*fs_page_number*

Explanation

A corruption was detected in a free space map (invalid second reserved space in leaf).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

HSTFS0045E Fileset free space map leaf low bit is not correct. Fileset=*fs_fileset_id* FS Map page=*fs_page_number*

Explanation

A corruption was detected in a free space map (invalid low bit in leaf).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

HSTFS0046E Fileset free space map leaf high bit is not correct. Fileset=*fs_fileset_id* FS Map page=*fs_page_number*

Explanation

A corruption was detected in a free space map (invalid high bit in leaf).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

HSTFS0047E Fileset free space map leaf word capacity is not correct. Fileset=*fs_fileset_id* FS Map page=*fs_page_number*

Explanation

A corruption was detected in a free space map (invalid word capacity in leaf).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

HSTFS0048E Fileset free space map leaf occupied words is not correct. Fileset=*fs_fileset_id* FS Map page=*fs_page_number*

Explanation

A corruption was detected in a free space map (invalid occupancy in leaf).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

**HSTFS0049E OBSOLETE Fileset free space map leaf bits
0xfs_free_space_bit_mask should be *0xfs_free_space_bit_mask*
Fileset=*fs_fileset_id* FS Map page=*fs_page_number* Vector
index=*fs_vector_index***

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**HSTFS0050E Fileset free space map leaf bits used
fs_free_space_bit_mask should be *fs_free_space_bit_mask*
Fileset=*fs_fileset_id* FS Map page=*fs_page_number***

Explanation

A corruption was detected in a free space map (invalid used bits in leaf).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

HSTFS0051E Fileset free space map leaf bits are not correct.

Fileset=*fs_fileset_id* **FS Map page=***fs_page_number*

Explanation

A corruption was detected in a free space map (invalid free bits).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

HSTFS0052E Fileset free space map leaf index is not correct.

Fileset=*fs_fileset_id* **FS Map page=***fs_page_number*

Explanation

A corruption was detected in a free space map (invalid leaf index ID).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

HSTFS0053E Fileset free space map leaf third reserved space is not correct. Fileset=*fs_fileset_id* **FS Map page=***fs_page_number*

Explanation

A corruption was detected in a free space map (invalid third reserved space in leaf).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

HSTFS0054E Fileset free space map leaf fourth reserved space is not correct. Fileset=*fs_fileset_id* FS Map page=*fs_page_number*

Explanation

A corruption was detected in a free space map (invalid fourth reserved space in leaf).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

HSTFS0055E Fileset free space map leaf fifth reserved space is not correct. Fileset=*fs_fileset_id* FS Map page=*fs_page_number*

Explanation

A corruption was detected in a free space map (invalid fifth reserved space in leaf).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

HSTFS0056E Fileset free space map leaf sixth reserved space is not correct. Fileset=*fs_fileset_id* FS Map page=*fs_page_number*

Explanation

A corruption was detected in a free space map (invalid sixth reserved space in leaf).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

**HSTFS0057E Unable to lock page. Error code *result_code*
Fileset=*fs_fileset_id* FS Map root page=*fs_page_number***

Explanation

A free space map page could not be locked.

Action

No action is required.

**HSTFS0058E PageType=0xfs_page_type_value not part of an fsMap.
Fileset=fs_fileset_id FS Map root page=fs_page_number**

Explanation

A corruption was detected in a free space map (invalid root page type).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

**HSTFS0059E Fileset free space map index root page sibling pointers
not correct. Fileset=fs_fileset_id FS Map root page=fs_page_number**

Explanation

A corruption was detected in a free space map (root left sibling).

Action

If the metadata checker is run with salvage enabled, it will automatically attempt to correct the problem. Run the metadata checker again to verify that the problem was corrected. If salvage is not enabled, the integrity lost flag is raised. If salvage is enabled but the problem persists, contact your service representative.

**HSTFS0060E OBSOLETE Fileset checker free space map index root page
sibling pointers not correct. Fileset=fs_fileset_id FS Map root
page=fs_page_number**

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGI0001I Scanning for global disk volumes.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGI0002I Global disk scan complete.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGI0003I Disk *gio_local_disk_name* configured with global ID *gio_global_disk_id*.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGI0004E GIO: The number of disk transfer orders specified was invalid.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGI0005E GIO: Global Id @1@2 could not be resolved for I/O.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGI0006E GIO scan disk: prepare failed. RC = *gio_result_code*.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGI0008E GIO scan disk: Too many master disks found, count = *gio_master_disk_count*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGI0009E GIO Start: Failed to register 2PC callback functions.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGI0010E Global Disk I/O Manager failed to decommission disk.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0001I GS: Installing. Cluster ID = *gs_cluster_id*

Explanation

This informational message is printed as the group services component is installed during initial cluster setup time. The cluster ID used to install the cluster is printed.

Action

No action is required. This message is informational only.

HSTGS0002E GS: Boot record install failed. RC = *gs_result_code*

Explanation

Initialization of the group services cluster bootstrap area failed during installation of SAN File System.

Action

This can be an indication of I/O issues when trying to access the system disk. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTGS0003W Warning. GS: Header size mismatch: sizeof(*gsMsgSession::gsMsgHdr*) = *gs_header_size*, sizeof(*GS::MsgHdr*) = *gs_header_size*

Explanation

This is an internal server error.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTGS0004E GS: Initialization failed. IP address *gs_ip_address* is bound to non-operational interface *gs_nic_name***Explanation**

The IP address specified in the metadata server configuration is not bound to an operational network interface.

Action

The server will fail to initialize if the IP address is not bound to an operational interface. Check the IP address in the metadata server configuration to make sure it is correct. Check the network interface to ensure it is operational. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTGS0005W Warning. GS: Cannot start with a zero (0) IP address.**Explanation**

The IP address specified in the metadata server configuration is not valid.

Action

The server will fail to initialize if the IP address is not valid. Check the ip address in the metadata server configuration to make sure it is valid.

HSTGS0006W Warning. GS: Failed to get netmask info { *netmask_1 = gs_netmask_name* }**Explanation**

The netmask obtained from the network interface is not valid.

Action

The server will fail to initialize if the IP address or netmask is not valid. Check the IP address in the metadata server configuration and the network interface.

HSTGS0007W OBSOLETE 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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0008I Group Services initialization complete. SAN File System cluster ID is *gs_cluster_id*, metadata server node ID is *gs_node_id*.

Explanation

Group services has completed initializing and will start cluster services.

Action

No action is required. This message is informational only.

HSTGS0009E GS: Start as a singleton failed

Explanation

A failure occurred while starting group services in singleton mode.

Action

View the metadata server logs for more details about the failure. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTGS0010E OBSOLETE GS: Start with hint failed

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0011E GS: Start normal failed

Explanation

A failure occurred while starting group services in normal mode.

Action

View the metadata server logs for more details about the failure. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTGS0012I OBSOLETE 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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0013I OBSOLETE GS: nodeId=gs_node_id, IP=gs_ip_address, port=gs_port_id

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0014I OBSOLETE 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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0015E GS: Error storing bootstrap record.

Explanation

An error occurred while storing the group services cluster definition.

Action

The fault is a possible indication of the inability of the SAN File System metadata server to write the system master disk. An I/O error such as this is a possible indication of SAN issues. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTGS0016E GS: Error storing committed bootstrap record

Explanation

An error occurred while storing the group services cluster definition.

Action

The fault is a possible indication of the inability of the SAN File System metadata server to write the system master disk. An I/O error such as this is a possible indication of SAN issues. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTGS0017E GS: Error storing local Tank.Bootstrap file.

Explanation

The metadata server is unable to write the local Tank.Bootstrap file. This could be an indication metadata server hardware faults such as a local hard drive fault.

Action

Consult the cluster logs and "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTGS0018E GS: Could not read the boot record

Explanation

The metadata server could not read the Tank.Bootstrap file. Prior to a node being added to the cluster, there is no Tank.Bootstrap file present, and this is an expected error. If the metadata server has been added to the cluster then this error indicates a system problem.

Action

If the metadata server is not added to the cluster, this error is expected and no further action is required. Otherwise, check for the local Tank.Bootstrap file. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. Contact IBM Technical support.

HSTGS0019E A Two Phase Commit was attempted on a subordinate or during a transition.

Explanation

No additional information is available.

Action

Contact IBM technical support.

HSTGS0020E The Two Phase Commit message payload is too large.

Explanation

This is an internal server error.

Action

Contact IBM technical support.

HSTGS0021E The Two Phase Commit aborting nodes array is too small. *gs_2pc_array_size*.

Explanation

This is an internal server error.

Action

Contact IBM technical support.

HSTGS0022E Concurrent 2PC transitions are not supported.

MastTwoPCInst state=gs_2pc_state SubTwoPCInst state=gs_2pc_state

Explanation

This is an internal server error.

Action

Contact IBM technical support.

HSTGS0023E Group Services is already running.

Explanation

This is an internal server error.

Action

Contact IBM technical support.

HSTGS0024E Could not start session

Explanation

Group services could not start the communication session.

Action

Check to make sure the port assigned as the clusterport is not used by another service. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTGS0025E Could not start Group Services thread

Explanation

This is an internal server error.

Action

Contact IBM technical support.

HSTGS0026E Failed to register net failover 2PC callbacks

Explanation

This is an internal server error.

Action

Contact IBM technical support.

HSTGS0027W Group Services is already running.

Explanation

This is an internal server error.

Action

Contact IBM technical support.

HSTGS0028E Could not start session

Explanation

This is an internal server error.

Action

Contact IBM technical support.

HSTGS0029E Could not start Group Services thread

Explanation

This is an internal server error.

Action

Contact IBM technical support.

HSTGS0030E Failed to register net failover 2PC callbacks

Explanation

This is an internal server error.

Action

Contact IBM technical support.

HSTGS0031E A group is forming or a node is joining, so the becomemaster command is not allowed.

Explanation

The setmaster command was issued during a group transition.

Action

Wait until the group transition has completed and attempt the command again.
The setmaster command might fail after the group transition is complete if the

group formation succeeds. The setmaster command can only be issued on a subordinate metadata server that has lost the master metadata server.

HSTGS0032E OBSOLETE Could not start session

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0033E OBSOLETE Could not start Group Services thread

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0034E OBSOLETE Failed to register net failover 2PC callbacks

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0035E Duplicate node name. Name = *gs_node_name*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0036E Node cannot be commissioned. The 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.

HSTGS0037E Callback for *gs_callback_name* protocol returned error code. RC = *gs_result_code*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**HSTGS0038I The master is beginning to reform the group.
Commissioning a new server.**

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0039E Failed to commission node

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**HSTGS0040I The master is beginning to reform the group.
Decommissioning the server that is down.**

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0042E GS: Decommissioning the master is not allowed in release 1. 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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0043I The master is beginning to reform the group. Decommissioning the server.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0044I The master is beginning to reform the group. Shutting down the remote server.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0045E GS: Shutting down the master is not allowed in release 1. 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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0046I The master is beginning to reform the group.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0047I The master is beginning to reform the group. Server *joining_server_name* is Joining.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0048I The master is beginning to reform the group (minority group).

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**HSTGS0049I The master is ending the reformation of the group
(*gs_group_id*): Uninitialized.**

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**HSTGS0051E GS: Internal error occurred during cluster transition.
The server process is stopping.**

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0054E GS: Aborting: group transition abort not yet supported (*gs_group_id*).

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0055E The master failed to get a majority of nodes to form the group. (*gs_group_id*): Re-attempting the reformation with minority pass.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0057I The master is ending the reformation of the group (*gs_group_id*): OK.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0058E Join: No forwarding address for 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.

HSTGS0059E The join was rejected. Shutting down and restarting.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0060E An attempt was made to join the group, but it could not communicate with the cluster master.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0062E GS: Cannot start diskhb monitor in cluster. The server process is stopping.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0063E GS: Cannot start diskhb monitor in single node. The server process is stopping.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0064E Group ended during failover.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0065E GS: NIC failover: Failed to deliver hb to master. RC = *gs_result_code*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**HSTGS0066I The subordinate is ending reformation of group
(*gs_group_id*): OK.**

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**HSTGS0067E The subordinate is ending reformation of group
(*gs_group_id*): Abort.**

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0068I The subordinate is beginning to reform group

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**HSTGS0069I The master is beginning to reform group: Departing
server.**

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0070E Received HError message for nonexistent server.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0071W Node already out of group.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0072E The master is beginning NIC failover thread.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0073E GS: Failed to start NIC Failover Thread

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0074E The master is beginning to reform group: Ejecting failed server *failed_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.

HSTGS0075E GS: 2PC abort command not called on master.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0078E GS: Boot record is not in a valid format.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0079S GS: A fatal I/O error occurred while loading the group.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0080S GS: Central boot record does not match local boot strap file. You might have a corrupted local file.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0081E GS: This node is not started.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0082E GS: Commission failed due to callback error. RC = *gs_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0083E GS: Commission rejected due to network mismatch with master.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0084E GS: Failed to configure devices for cluster *gs_cluster_id*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0085S A fatal I/O error occurred during commission.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0087W GS: Node is going down due to a configuration parameter mismatch during commission.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0088E GS: Node is going down due to a configuration file write error during commission.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0089E GS: Failed to fork off Group Services 2PC prepare thread

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0091E NIC Failover begin: The group pointer is NULL.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0092E NIC Failover prepare: The group pointer is NULL.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0093E NIC Failover prepare: Could not find data for *tpcid=gs_tpc_id*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0094E NIC Failover commit/abort: The group pointer is NULL.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0095E Failure in NIC Failover: The current group is not equal to data.curGroup

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0096E Master sock initialization for sending ping response to IP address: *gs_ip_address*, port: *gs_port_id* failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0097E Master socket initialization failed. Unable to send response to IP address: *gs_ip_address*, port: *gs_port_id*. Aborting.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0099S CALLHOME: Group Services have been forcibly halted. The server process is stopping.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0100E GS: Group Array: Out of memory.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0101E GS: gsGroupArray::install. A fatal I/O error occurred.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0102E GS: gsGroupArray::install. A shared partition write failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0103S GS: gsGroupArray::load. A fatal I/O error occurred.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0105E GS: gsGroupArray::load. A shared partition read failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0106E GS: gsGroupArray::load. The boot record is not in a valid format

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0107E GS: gsGroupArray::load. Incompatible version 1.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0108E GS: gsGroupArray::load. Incompatible version 2.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0109S GS: A fatal I/O error occurred while loading group from shared partition.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0110E GS: gsGroupArray::load. A shared partition read failed.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0111S GS: gsGroupArray::load. A fatal I/O error occurred.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0114E GS: gsGroupArray::load. A shared partition read failed with RC = *gs_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0115E GS: gsGroupArray::load. The boot record is not in a valid format

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0116E GS: gsGroupArray::store. A fatal I/O error occurred.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0117E GS: gsGroupArray::store. A shared partition write failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0118E GS: gsGroupArray::store. A fatal I/O error occurred.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0119E GS: gsGroupArray::store. A shared partition write failed. RC = *gs_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0120E GS: gsGroupArray::setMaster. The node 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.

HSTGS0121E GS: gsGroupArray::setMaster. 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.

HSTGS0122E GS: gsGroupArray::setMaster. Cannot swap nodes.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0123E GS: Set *gs_server_name* to master.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0125E GS Error: Failed to find a suitable left heartbeat partner.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0126E GS Error: Failed to find a suitable right heartbeat partner.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0127I GS: Received join subordinate response.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0128E GSMSG: Error. Create socket failed

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0129E GSMSG: Error. Bind socket failed *#gs_log_instance*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0130E GSMSG: Error. Create listener thread failed

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0131E GSMSG: Error. Initialize socket failed

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0132E GSMSG: Start error. Failed to start receiver thread

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0134I GSMSG: Peer IP address and port of all nodes in group follows:

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0136E GSMSG: Receive Error: Socket Table is NULL

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0137E GSMSG: Reliable send failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0138E GSMSG: Send failed. Socket is NULL.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0139E GSMSG: Send With Reply failed. Socket is NULL.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0141E GSSEND: Reply failed. Socket is NULL.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0142E GSMSG: Error starting listener.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0143E GSMSG: Error accepting connection.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0144E GSRECV: Listen error. Failed to start receiver thread.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0145E GSMSG: Receive thread exited. Error = *gs_result_code***Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0147E GSMSG: Initialize socket failed with IP address = *gs_ip_address*.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0149E GSMSG: set_sock_for_comm Error. Failed to start receiver thread.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0150E GSMSG: initMasterSock Error. Initializing master socket failed.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0151E GS: Socket missing from Out-Of-Group-Sock table.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0152E GS: gsQuorumDiskLock install: Invalid sector size.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0153E GS: gsQuorumDiskLock install: Out of memory.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0154E No Tank.Bootstrap file. This node is not started.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0155E Group Services protocol crash during commit message (unit testing).

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0156E Group Services protocol crash at the end of groiup message (unit testing).

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0157E Group Services protocol crash at ping message (unit testing).

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0158E Group Services protocol crash at group message (unit testing).

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0159E Group Services protocol crash after commit response sent (unit testing).

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0160E GS: Error. Master failed to form group (RC = *gs_result_code*). Aborting master server.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0162E Subordinate lost master of group (*gs_group_id*)

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0163I Group formation is in progress. Forwarded by the master. Join will be tried again.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0164I Concurrent start and stop callbacks were issued.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0165E GS: Commission rejected due to version incompatibility. RC = *vcm_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0166E Group Services send error at shutdown (unit testing).

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0167E Group Services send error at join (unit testing).

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0168E Group Services need all voting (unit testing).

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0169E Form group thread failed to stop as master. Return code (*cm_result_code*)

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0170E Form group thread failed master startup phase 1. Return code (*cm_result_code*)

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0171E Form group thread failed master startup phase 2. Return code (*cm_result_code*)

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0172E Failed to send the commit message response to master, subordinate has lost master node.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0173E Asynchronous start master action failed with return code (*cm_result_code*).

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0174E Asynchronous start master action failed with return code (*cm_result_code*).

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0175E Disks not scanned yet or scan failed, clusterId *gs_cluster_id*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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 thread 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 parameters.

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 stopping...

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.

HSTHA0001E HAMMON: Error: Create socket failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0002E HAMMON: Error: Bind socket failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0003S HAM: Fatal error: High Availability Manager already started.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0004E HAM: Failed to initialize network heartbeat system.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0005E HAM: Cannot initialize disk hb system..**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0006E HAM: Failed to fork failover management thread.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0007S Aborting: Failed to start net path LEFT 1**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0008E HAM: Failed to start one heartbeat monitor to left neighbor.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0009S Aborting: Failed to start net path RIGHT 1**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0010E HAM: Failed to start one heartbeat monitor to right neighbor.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0011E Stop network heartbeat failed.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0012I No disk HB in release 1, disable me...**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0013E HAM: Group ID inconsistent between Group Services and High Availability Manager.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0014E HAM: Cluster ID inconsistent between Group Services and High Availability Manager.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0015S Aborting. Disk heartbeat event not expected.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0016E HAM: reportEvent(disk): Invalid monitor type High Availability Manager: *ham_monitor_type*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0017E HAM: reportEvent(disk) event reported for non-neighbor node NodeId *ham_node_id***Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0018E HAM: Failed to allocate new Q element.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0019E HAM: Monitor type 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.

HSTHA0020E HAM: Monitor event 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.

HSTHA0021I HAM: Resource is already in a failed state. No event was reported.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0022I HAM: NIC failover completed, result=(COMMIT).

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0023I HAM: NIC failover completed, result=(ABORT).

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0024E Received network hb failure event for node not in cluster.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0025E Invalid state detected in High Availability Manager failure management thread: *ham_state_value*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0026E HAM:High Availability Manager state *ham_state_value* 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.

HSTHA0027S HAM: Node failover failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0028W HAM DECISION: --- TRANSIENT CONDITION ----

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0029E HAM DECISION: --- SERVER LOSS DETECTED ----

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0030E HAM DECISION: --- LOCAL NET FAILURE ----

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0031E HAM DECISION: --- REMOTE NET FAILURE ----**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0032S HAM DECISION: --- TOTAL NET LOSS FAILURE ----**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0033W HAM DECISION: --- NETWORK PARTITION ----**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0034E HAM DECISION: --- NODE/OS LOSS DETECTED ----**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0035E HAM: NICHAM_nic_id has failed. IP = ham_ip_address**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0036E HAM: Error: Refusing to fail over an IP that is marked bad.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0037E HAM: Failed to launch on-demand operating system ping monitor.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0038W HAM: All nodes are visible but not all gateways.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0039S Gateway paths are OK, but node paths failed. The server process is stopping.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0040W HAM: No path to primary gateway *ham_gateway_name***Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0041W HAM: No path to secondary gateway *ham_gateway_name*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0042E HAM: Monitor type in *report_event()* 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.

HSTHA0043E HAM: Gateways supplied for IP1 and IP2 are 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.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0045E HAM: Failover failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0046I Failed to allocate a new thread context

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0047I Hang Recovery..... *ham_recovery*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0048I Server Hang Detection thread started

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0049I Injected a Normal processing delay in *ham_worker_thread*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0050I Injected a Priority processing delay in *ham_worker_thread*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0051I Cannot set thread state. The state 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.

HSTHA0052I Null thread context

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0053I Thread state 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.

HSTHA0054I Thread context was not found: *ham_thread_id*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0055I Server hang detection scale factor = *ham_scale_factor*. It 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.

HSTHA0056E Server internal deadlock or hang detected.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0057E High Availability Manager in shutdown state: Server hang thread returning

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0058E *ham_api_msg*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0059E Socket receive error. The server process is stopping.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0060E Fatal I/O error. The server process is stopping.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0061W Stop exited because debug set: *cm_abort_flags*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTHA0062I Server hang thread disabled by error injection

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLM0001E LMRep: Unable to start cache manager thread.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLM0005E Error. Could not find data lock latch to release, objId @1

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLM0009E demandFilesetSessionLocks(): Session lock demand denied for OID @1

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLM0010E LMRep: Unable to start cache manager thread.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLM0013E Set Range Lock: Error. Range 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.

HSTLM0014E Set Range Lock: Error. Unknown flag specified

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLM0015E Set Range Lock: Error. Flag combination 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.

HSTLM0016E Set Range Lock: No session lock.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLM0017E Relinquish Range Lock: A range mode of None 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.

HSTLM0018E Relinquish Range Lock: A range length of 0 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.

HSTLM0019E Relinquish Range Lock: No session lock.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLM0021E Relinquish Range Lock: Operation is not valid in this context.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLM0025E demandFilesetSessionLocks(): Session lock demand denied for object ID *lm_object_id*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLM0028I LMRep: Warning. Created object *lm_object_id* 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.

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=*demand_mode*.

Explanation

The specified client has not responded to a data lock demand for an unusually long period of time. This might be due to a slow or overloaded client. If this situation continues, 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=*cliend_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.

HSTLV0001S CALLHOME: LVM: Unable to create an instance of *lvmMasterRep*. The server process is stopping.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0002E LVM: An attempt was made to store an empty disk table.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0005E LVM installation failed. Logical Volume Manager master is already started.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0006E LVM installation failed. Partition size 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.

HSTLV0007E LVM installation failed. The master disk is not configured.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0009E LVM master: Logical Volume Manager already started.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0010E LVM Master: Duplicate master disk was found.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0011E LVM Master: Unable to locate the 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.

HSTLV0012E LVM Master: Error *lvm_result_code* loading master record.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0013E LVM master: Error *lvm_result_code* loading metadata from disk.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0014E LVM master: *lvm_master_name* - Logical Volume Manager master was not started.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0015E LVM master *getPartitionSize()*: Logical Volume Manager master was not started.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0016E LVM master *getSectorSize()*: Logical Volume Manager master was not started.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0017E LVM master writeCMSector(): Logical Volume Manager master was not started.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0018E LVM master readCMSector(): Logical Volume Manager master was not started.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0019E LVM master initSharedPartitionSector(): Logical Volume Manager master was not started.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0020E LVM master addDisk(): Logical Volume Manager master was not started.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0021E LVM master addDisk(): Cannot allocate memory for disk control block.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0022E LVM Add Disk failed. Disk is not configured.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0023E Disk id *0xlvmdisk_id* sector size does not match installation sector size.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0024E Disk id *0xlvmdisk_id* is too small. The capacity must be at least *lvmpartition_size* physical partitions.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0025E LVM master updateDisk(): Logical Volume Manager master was not started.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0026E LVM master updateDisk(): Disk is not configured in Global Disk I/O Manager.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0027E LVM master fetchDisk(): Logical Volume Manager master was not started.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0028E LVM master createVolumes(): Logical Volume Manager master was not started.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0029E LVM master createVolumes(): Memory allocation failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0032E LVM master CreateVolumes: Volume class *lvm_volume_class* Volume ID *lvm_volume_id* already exists.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0033E LVM master findVolume(): Logical Volume Manager master was not started.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0034E LVM master destroyVolumes(): Logical Volume Manager master was not started.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0036E LVM master DestroyVolumes: Volume ID *lvm_volume_id* 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.

HSTLV0037E LVM master lockLV(): Logical Volume Manager master was not started.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0038E LVM master lockLP(): Logical Volume Manager master was not started.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0039E LVM master unlockLP(): Logical Volume Manager master was not started.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0040E LVM master unlockLV(): Logical Volume Manager master was not started.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0041E LVM master extendLV(): Logical Volume Manager master was not started.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0042E LVM master formatLV(): Logical Volume Manager master was not started.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0043W Alert. The SYSTEM storage pool has exceeded the threshold percentage of *lvm_pool_size*% with a new allocation of *lvm_pool_size*%.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0044S Alert. The server is stopping.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0045S CALLHOME: Alert. The server is stopping.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0046S CALLHOME: LVM: Unable to mark old master disk as a system disk.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0047E Logical Volume Manager master node started.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0048E Logical Volume Manager volume *lvm_volume_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.

HSTLV0049E Logical Volume Manager metadata table flush error 1.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0050E Logical Volume Manager metadata table flush error 2.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0051E Logical Volume Manager metadata tables flush error. RC = *lvm_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0052E An attempt to enable disk scan on subordinate nodes failed. RC = *lvm_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0053E An attempt to enable disk scan on subordinate nodes failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0054E Scan disk failed on subordinate nodes. RC = *lvm_result_code*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0055E Scan disk failed on subordinate nodes.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0056E Revalidation of disk table state failed. RC =
lvm_result_code

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0057E Revalidation of disk table state failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0058E Revalidation of disk table state failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0059E Revalidation of volume and partition failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0060E Demand LP release to node *lvm_node_id* failed. RC = *lvm_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0061E Demand LP release to node *lvm_node_id* failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0062E Not enough free partitions for drain. Required = *lvm_free_partitions*. Available = *lvm_free_partitions*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0063E GS: Lock share partition failed. RC = *lvm_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0064E GS: Unlock share partition failed. RC = *lvm_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0065E Switch Master disk failed. RC = *lvm_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0068E LVM: New Master disk verification failed. RC = *lvm_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0069E LVM: Read/write of old master disk label failed. RC = *lvm_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0070E LVM: Read/write of new master disk label failed. RC = *lvm_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0071E LVM: Update reserve partition map on new master disk failed. RC = *lvm_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0072E LVM: Find master volume failed. Integrity has been lost.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0074E LVM: Revalidation failed. This disk is no longer 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.

HSTLV0075E LVM demand LP release: Message send failed. RC = *lvm_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0076E LVM demand LP release: Response shows error. RC = *lvm_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0077E LVM redistribute partitions: This disk is no longer 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.

HSTLV0078E LVM partition allocation failed: Not enough space is available.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0079E LVM copy partition failed: Read partition failed.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0080E LVM copy partition failed: Write partition failed.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0081E LVM Subordinate cache invalidation failed.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0082E LVM verification of new master disk failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0084E LVM executeListIO: Specified volume ID is not valid:
lvm_volume_id

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0086E LVM executeListIO: Failed to lock partition:
lvm_partition_id

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0087E LVM executeListIO: Error reading partition:
lvm_partition_id

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0088E LVM executeListIO: Subordinate cannot see disk:
lvm_disk_num

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0089E LVM lockVolume: Error *lvm_volume_id* sending lockLV message.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0090E LVM lockVolume: Error code *lvm_result_code* from lockLV message.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0091E LVM unlockVolume: Logical Volume Manager is not started.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0092E LVM unlockVolume: volume ID *lvm_volume_id* is not locked.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0093E LVM unlockVolume: Error *lvm_result_code* sending unlockLV message.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0094E LVM unlockVolume: Error code *lvm_result_code* from unlockLV message.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0095E LVM updateFormattedCount: Error *lvm_result_code* sending formatLV message.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0096E VM updateFormattedCount: Error code *lvm_result_code* from formatLV message.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0097E LVM extend: Error *lvm_result_code* sending extendLV message.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0098E LVM lock_partition: Error *lvm_result_code* sending lockLP message.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0099E LVM lock_partition: Error code *lvm_result_code* from lockLP message.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0100E Logical Volume Manager *lvm_object_name*: Disk ID *0xlvmdisk_id* is not configured by Global Disk I/O Manager.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0101E LVM reassertLVLocks: Send RC = *lvm_result_code*, response RC = *lvm_result_code*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0102E LVM Invalidate cache: Logical Volume Manager local not started.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0103E LVM: An attempt was made to store an empty logical volume table.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0104E LVM: Disk label is corrupt for disk ID = *lvm_disk_id*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0105E LVM: Master record salvage failed. RC = *lvm_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0106E LVM: Master record reload failed. RC = *lvm_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0107E LVM: Starting FSCK internal failed, RC =
lvm_result_code.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0108E LVM: Master record verification failed, RC =
lvm_result_code.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0109E LVM: Salvage of metadata tables failed, RC =
lvm_result_code.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0110E LVM: Verification of metadata tables failed, RC =
lvm_result_code.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0111E LVM: Metadata commit failed.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0112E lockA11LP: Volume ID = *lvm_volume_id*. Cannot find volume or it is not locked.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0113E LVM lockA11LP: Error *lvm_result_code* sending lockA11LP message.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0114E LVM lockA11LP: All partition locks failed on volume ID *lvm_volume_id*, RC = *lvm_result_code*.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0115E cleanWorkload: Set write-ahead log version failed. RC = *db_result_code*.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0116I Logical Volume Manager metadata check stopped.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0117E Logical Volume Manager disk table header maximum disk number is too small

Explanation

The metadata checker encountered a disk number that cannot be correct.

Action

Run the metadata checker in salvage mode to recreate the disk table.

HSTLV0118E Logical Volume Manager disk table disk numbers are not unique.

Explanation

The metadata checker encountered a disk number that cannot be correct.

Action

Run the metadata checker in salvage mode to recreate the disk table.

HSTLV0119E Logical Volume Manager disk header maximum disk count is incorrect *lvm_max_disk_number*

Explanation

The largest disk number in the Logical Volume Manager disk table did not match the expected value.

Action

Run the metadata checker in salvage mode to recreate the disk table.

HSTLV0120E Logical Volume Manager disk header table magic number is incorrect *0xlvmdiskentrymagicnumber*. Should be *0xlvmdiskentrymagicnumber*

Explanation

The Logical Volume Manager disk table is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the disk table.

HSTLV0121E Logical Volume Manager disk header structure version is incorrect *lvmsstructureversion*

Explanation

The Logical Volume Manager disk table is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the disk table.

HSTLV0122E Logical Volume Manager disk header length *lvmsheaderlength* should be *lvmsheaderlength*

Explanation

The Logical Volume Manager disk table is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the disk table.

HSTLV0123E Logical Volume Manager disk header entry count is incorrect *lvmsentrycount*

Explanation

The Logical Volume Manager disk table is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the disk table.

HSTLV0124E Logical Volume Manager disk header second magic number *0xlvmdiskentrymagicnumber* should be *0xlvmdiskentrymagicnumber*

Explanation

The Logical Volume Manager disk table is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the disk table.

HSTLV0125E Logical Volume Manager disk entry table first magic number *0xlvmdiskentrymagicnumber* should be *0xlvmdiskentrymagicnumber*

Explanation

The Logical Volume Manager disk table is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the disk table.

HSTLV0126E Logical Volume Manager disk entry structure version *lvmstructureversion* should be *lvmstructureversion*

Explanation

The Logical Volume Manager disk table is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the disk table.

HSTLV0127E Logical Volume Manager disk entry length *lvmdiskentrylength* should be *lvmdiskentrylength*

Explanation

The Logical Volume Manager disk table is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the disk table.

HSTLV0128E Logical Volume Manager disk entry disk number *lvmdiskentrynumber* should be less than or equal to *lvmdiskentrynumber*

Explanation

The Logical Volume Manager disk table is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the disk table.

HSTLV0129E Logical Volume Manager disk entry allocate state is incorrect *lvm_disk_entry_allocate_state*

Explanation

The Logical Volume Manager disk table is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the disk table.

HSTLV0130E Logical Volume Manager disk entry first reserved space *lvm_disk_entry_reserved* **should be 0**

Explanation

The Logical Volume Manager disk table is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the disk table.

HSTLV0131E Logical Volume Manager disk entry disk ID is not correct *lvm_disk_entry_id*

Explanation

The Logical Volume Manager disk table is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the disk table.

HSTLV0132E Logical Volume Manager disk entry third reserved space is incorrect *lvm_disk_entry_reserved*

Explanation

The Logical Volume Manager disk table is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the disk table.

HSTLV0133E Logical Volume Manager disk entry space map length *lvm_disk_entry_space_map_length* **should be** *lvm_disk_entry_space_map_length*

Explanation

The Logical Volume Manager disk table is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the disk table.

**HSTLV0134E Logical Volume Manager disk entry free count
lvm_disk_entry_free_count should be *lvm_disk_entry_free_count***

Explanation

The Logical Volume Manager disk table is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the disk table.

**HSTLV0135E Logical Volume Manager disk entry fourth reserved space
is incorrect *lvm_disk_entry_reserved***

Explanation

The Logical Volume Manager disk table is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the disk table.

**HSTLV0136E Logical Volume Manager disk entry fifth reserved space
is incorrect *lvm_disk_entry_reserved***

Explanation

The Logical Volume Manager disk table is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the disk table.

**HSTLV0137E Logical Volume Manager disk entry sixth reserved space
is incorrect *lvm_disk_entry_reserved***

Explanation

The Logical Volume Manager disk table is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the disk table.

HSTLV0138E Logical Volume Manager disk entry second magic number is *0xlvmdiskentrymagicnumber* should be *0xlvmdiskentrymagicnumber*

Explanation

The Logical Volume Manager disk table is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the disk table.

HSTLV0139E Logical Volume Manager disk entry name is incorrect

Explanation

The Logical Volume Manager disk table is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the disk table.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTLV0141E Logical Volume Manager master disk ID = *0xlvmmasterdiskid* is incorrect *lvm_result_code*

Explanation

The metadata checker encountered an error checking the Logical Volume Manager master control block disk ID.

Action

Resolve the error before running the metadata checker again.

HSTLV0142E Logical Volume Manager master record load failed *lvm_result_code*

Explanation

The metadata checker encountered an error loading the Logical Volume Manager master control record.

Action

Resolve the error before running the metadata checker again.

HSTLV0143E Logical Volume Manager master record first magic number
***0x*lvm_master_record_magic_number should be**
***0x*lvm_master_record_magic_number**

Explanation

The Logical Volume Manager master record is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the master record.

HSTLV0144E Logical Volume Manager master record structure version
lvm_structure_version* should be *lvm_structure_version

Explanation

The Logical Volume Manager master record is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the master record.

HSTLV0145E Logical Volume Manager master record length
lvm_master_record_length* should be *lvm_master_record_length

Explanation

The Logical Volume Manager master record is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the master record.

HSTLV0146E Logical Volume Manager master record partition size
***lvm_master_record_partition_size* is not correct**

Explanation

The Logical Volume Manager master record is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the master record.

HSTLV0147E Logical Volume Manager master record sector size

lvm_master_record_sector_size should be

lvm_master_record_sector_size

Explanation

The Logical Volume Manager master record is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the master record.

HSTLV0148E One of:**Explanation**

The Logical Volume Manager master record is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the master record.

HSTLV0149E Logical Volume Manager master record partition size

lvm_master_record_partition_size

Explanation

The Logical Volume Manager master record is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the master record.

HSTLV0150E Logical Volume Manager master record sector size

lvm_master_record_sector_size

Explanation

The Logical Volume Manager master record is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the master record.

HSTLV0151E or Logical Volume Manager master record sectors per partition
*lvm_master_record_sectors_per_partition***Explanation**

The Logical Volume Manager master record is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the master record.

HSTLV0152E is incorrect because partition size should equal sector size times sectors per partition

Explanation

The Logical Volume Manager master record is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the master record.

HSTLV0153E Logical Volume Manager master record reserved partitions *lvm_master_record_resv_partitions* should be *lvm_master_record_resv_partitions*

Explanation

The Logical Volume Manager master record is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the master record.

HSTLV0154W Logical Volume Manager master record install time is in the future

Explanation

The Logical Volume Manager master record is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the master record.

HSTLV0155W Logical Volume Manager master record update time is before install time or in the future

Explanation

The Logical Volume Manager master record is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the master record.

HSTLV0156E Logical Volume Manager master record. Base of first copy of Logical Volume Manager tables is incorrect**Explanation**

The Logical Volume Manager master record is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the master record.

HSTLV0157E Logical Volume Manager master record. Base of second copy of Logical Volume Manager tables is incorrect**Explanation**

The Logical Volume Manager master record is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the master record.

HSTLV0158E Logical Volume Manager master record committed copy is incorrect**Explanation**

The Logical Volume Manager master record is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the master record.

HSTLV0159E Logical Volume Manager master record alert percentage is incorrect**Explanation**

The Logical Volume Manager master record is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the master record.

HSTLV0160E Logical Volume Manager master record shadow copy size is not *lvm_master_copy_size***Explanation**

The Logical Volume Manager master record is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the master record.

HSTLV0161E Logical Volume Manager master record update sequence number is incorrect

Explanation

The Logical Volume Manager master record is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the master record.

HSTLV0162E Logical Volume Manager master record third reserved space should be zero

Explanation

The Logical Volume Manager master record is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the master record.

HSTLV0163E Logical Volume Manager master record fourth reserved space should be zero

Explanation

The Logical Volume Manager master record is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the master record.

HSTLV0164E Logical Volume Manager master record fifth reserved space should be zero

Explanation

The Logical Volume Manager master record is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the master record.

HSTLV0165E Logical Volume Manager master record sixth reserved space should be zero

Explanation

The Logical Volume Manager master record is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the master record.

HSTLV0166E Logical Volume Manager master record second magic number *0xlvn_master_record_magic_number* should be *0xlvn_master_record_magic_number*

Explanation

The Logical Volume Manager master record is corrupt and should be salvaged.

Action

Run the metadata checker in salvage mode to recreate the master record.

HSTLV0167E Logical Volume Manager master record is corrupt. Attempting to repair.

Explanation

The Logical Volume Manager master record is being salvaged.

Action

No action necessary.

HSTLV0168I Logical Volume Manager master record was repaired.

Explanation

The Logical Volume Manager master record is being salvaged.

Action

No action necessary.

HSTLV0169E Logical Volume Manager tables are corrupt. Attempting to repair.

Explanation

The Logical Volume Manager disk and volume tables are being salvaged.

Action

No action necessary.

HSTLV0170I Logical Volume Manager metadata tables were repaired.

Explanation

The Logical Volume Manager disk and volume tables have been being salvaged.

Action

No action necessary.

HSTLV0171E Logical Volume Manager volume table volume IDs are not unique.

Explanation

The metadata checker encountered a volume ID that cannot be correct.

Action

Run the metadata checker in salvage mode to recreate the volume table.

HSTLV0172E Logical Volume Manager volume table physical partition IDs are not unique.

Explanation

The metadata checker encountered a partition id that cannot be correct.

Action

Run the metadata checker in salvage mode to recreate the volume table.

HSTLV0173E Logical Volume Manager volume table header first magic number *0xlvmmasterrecordmagicnumber* should be *0xlvmmasterrecordmagicnumber*

Explanation

The metadata checker Logical Volume Manager volume table is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to recreate the volume table.

HSTLV0174E Logical Volume Manager volume table header structure version *lvm_header_structure_version* should be *lvm_header_structure_version*

Explanation

The metadata checker Logical Volume Manager volume table is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to recreate the volume table.

HSTLV0175E Logical Volume Manager volume table header length *lvm_header_structure_length* should be *lvm_header_structure_length*

Explanation

The metadata checker Logical Volume Manager volume table is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to recreate the volume table.

HSTLV0176E Logical Volume Manager volume table header entry count is incorrect *lvm_header_entry_count*

Explanation

The metadata checker Logical Volume Manager volume table is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to recreate the volume table.

HSTLV0177E Logical Volume Manager volume table header first reserved space *lvm_volume_reserved_space* should be 0

Explanation

The metadata checker Logical Volume Manager volume table is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to recreate the volume table.

HSTLV0178E Logical Volume Manager volume table header second magic number *0xlvn_header_magic_number* should be *0xlvn_header_magic_number*

Explanation

The metadata checker Logical Volume Manager volume table is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to recreate the volume table.

HSTLV0179E Logical Volume Manager volume table entry first magic number *0xlvn_table_entry_magic_number* should be *0xlvn_table_entry_magic_number*

Explanation

The metadata checker Logical Volume Manager volume table is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to recreate the volume table.

HSTLV0180E Logical Volume Manager volume table entry structure version *lvn_structure_version* should be *lvn_structure_version*

Explanation

The metadata checker Logical Volume Manager volume table is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to recreate the volume table.

HSTLV0181E Logical Volume Manager volume table entry length *lvn_table_length* should be *lvn_table_length*

Explanation

The metadata checker Logical Volume Manager volume table is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to recreate the volume table.

**HSTLV0182E Logical Volume Manager volume table entry class
lvm_volume_class is incorrect**

Explanation

The metadata checker Logical Volume Manager volume table is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to recreate the volume table.

**HSTLV0183E Logical Volume Manager volume table entry page size
lvm_page_size is incorrect**

Explanation

The metadata checker Logical Volume Manager volume table is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to recreate the volume table.

**HSTLV0184E Logical Volume Manager volume table entry volume id is
incorrect *lvm_volume_id***

Explanation

The metadata checker Logical Volume Manager volume table is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to recreate the volume table.

**HSTLV0185E Volume table entry formatted partitions
lvm_format_partitions should be less than or equal
*lvm_format_partitions***

Explanation

The metadata checker Logical Volume Manager volume table is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to recreate the volume table.

HSTLV0186E Logical Volume Manager volume table entry first reserved space *lvm_reserved_space* should be 0

Explanation

The metadata checker Logical Volume Manager volume table is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to recreate the volume table.

HSTLV0187E Logical Volume Manager volume table entry second reserved space *lvm_reserved_space* should be 0

Explanation

The metadata checker Logical Volume Manager volume table is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to recreate the volume table.

HSTLV0188E Logical Volume Manager volume table entry second magic number *0xlvmtableentrymagicnumber* should be *0xlvmtableentrymagicnumber*

Explanation

The metadata checker Logical Volume Manager volume table is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to recreate the volume table.

HSTLV0189E Partition map entry disk number *lvm_map_disk_number* should be less than or equal to number *lvm_map_disk_number*

Explanation

The metadata checker Logical Volume Manager volume partition map is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to recreate the volume partition table.

HSTLV0190E Partition map entry disk entry *lvm_map_entry* does not exist**Explanation**

The metadata checker Logical Volume Manager volume partition map is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to recreate the volume partition table.

HSTLV0191E Partition map flags are incorrect *lvm_map_flags***Explanation**

The metadata checker Logical Volume Manager volume partition map is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to recreate the volume partition table.

HSTLV0192E Partition map physical partition number *lvm_phys_partition_number* is incorrect**Explanation**

The metadata checker Logical Volume Manager volume partition map is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to recreate the volume partition table.

HSTMG0001E Message catalog is already open.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTMG0002E File '@1' contains a message catalog that 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.

HSTMG0003E Unable to open message catalog file '@1'.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTNE0001E OBSOLETE 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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTNE0002E NET: Send failed for message number: *net_msg_number*, RetCode: *net_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTNE0003E OBSOLETE 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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTNE0004E NET: Ignoring acknowledgement for message number: *net_msg_number*. Receiver ID 0.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTNE0006E NET: Nagle not disabled for new connection *net_socket_error*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTNE0008E NET: Ignoring message; the header 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.

HSTOM0001E TM: Mismatch on OM:Null_LockEpoch.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTOM0002E OMRep::open_fileset: Duplicate fileset *om_fileset_name* (*om_fileset_id*)

Explanation

No additional information is available for this message.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTOM0003S OMRep: Out of memory.

Explanation

The metadata server has encountered an unexpected out of memory error.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health.

HSTOM0004E Out of memory

Explanation

The metadata server has encountered an unexpected out of memory error.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTOP0002W Duplicate system volume specified on the command line, *opt_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.

HSTOP0003E Error: Expecting GS::Null_Clusterid = 0, not *pgm_cluster_id*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTOP0004E Error: expecting GS::Null_NodeId = -1, not *pgm_cluster_id*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTOP0005E Error: The *opt_option_name* option cannot be processed.
Return code = *opt_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTOP0006E A maximum of *opt_msg_key_max* message keys or aggregates can be specified.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTOP0007E Probability value must be between 0 and 100

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTOP0008E Server needs to be compiled with Debug switch.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTOP0009E Argument not valid: *opt_arg_name*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTOP0010E Error: Option *opt_arg_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.

HSTOP0011E The option *opt_arg_name* must have a specified value.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTOP0012E The *opt_arg_name* option is the same as the *opt_arg_name* option.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTOP0013E A maximum of *opt_max_disks* disk names can be specified.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTOP0014E At least one system disk name must be specified.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTOP0015E The execution mode is not valid: *opt_execution_mode*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTOP0016I OPT: Would restart cluster here.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTOP0017I OPT: Would restart node here.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTOP0018E OPT: write_file() failed. RC = *opt_result_code*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTOP0019W OPT: parse_buffer() failed. The configuration parameters do not match.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTOP0020E Missing value for *opt_arg_name* option.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTOP0021W Warning. The *opt_arg_name* option was specified more than once.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTOP0023E Option *opt_arg_name* cannot be set in the current execution mode.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTOP0024E Error: port : ' *opt_port_name* is already specified for another option.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTOP0025I Consult the Administrator's Guide and Reference for information on parameters.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTOP0027E Registration of a Group Services callback failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTOP0028E The *opt_option_name* option was not set. Returning error code *opt_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTOP0030W The modification of the *opt_option_name* option has been canceled.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTOP0031W The *opt_option_name* option has already been set. Further changes are not permitted.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0001W The character string *string* was truncated during assignment.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0002W The result of character string concatenation was truncated.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0003E Insufficient memory was available to process the SQL statement.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0004E An SQL parser stack overflow occurred while processing token *sql_token*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0005E Unexpected SQL key word token - *sql_token*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0006E Unexpected SQL identifier token - *sql_token*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0007E Unexpected SQL literal token - *sql_token*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0008E Unexpected SQL operator token - *sql_token*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0009E Unexpected SQL punctuation token - *sql_token*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0010E The SQL statement is incomplete; additional tokens are required.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0011E SQL token *sql_token* 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.

HSTPC0012E SQL numeric literal token *sql_token* 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.

HSTPC0013E Character string literal token *sql_token* 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.

HSTPC0014E SQL identifier token *sql_token* 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.

HSTPC0015E SQL identifier token *sql_token* is too long.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0016E The SQL token beginning with *sql_token* is missing an ending delimiter.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0030E The expression *sql_expression* is not an integer constant.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0031E A subquery used in an SQL expression must specify a single result column.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0033E The maximum nesting depth for subquery expressions has been exceeded.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0034E The WHERE clause must not contain an aggregate function.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0037E The SQL aggregate function *sql_aggregate_function* cannot be nested within another aggregate function.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0038E An SQL subquery expression cannot be nested within an aggregate function.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0040E The reference *sql_table_name* is an unknown SQL table name.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0041E The reference *sql_column_name* is an unknown SQL column name.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0042E The column reference *sql_column_name* matches more than one SQL column name.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0045E The reference *sql_function_name* is an unknown SQL scalar function name.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0046E Too few arguments are specified for SQL scalar function *sql_function_name*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0047E Too many arguments are specified for SQL scalar function *sql_function_name*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0048E Division by zero was detected for operator *sql_operator_name*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0050E Arithmetic overflow occurred for SQL operator *sql_operator_name*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0056E The SQL character string expression *sql_expression* must return a single character.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**HSTPC0057E An error occurred accessing SQL base table
sql_table_name.****Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0058E An error occurred creating an SQL temporary table.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0059E An error occurred inserting a row in an SQL temporary table.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0060E SQL temporary table storage has been exhausted.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0061E SQL temporary table row is too large.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0062E Unexpected SQL enumerated type name token - *sql_token*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0063E SQL enumerated type name *sql_data_type* 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.

HSTPC0064E Unable to resolve SQL enumerated type for value *sql_value*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0066E The reference *sql_column_name* is not a column of the SQL result table.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0067E Unexpected SQL result code - *sql_result_code***Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0068E Context of SQL error: *sql_context_pointer***Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0070E Query requires temporary tables, which are not supported.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPC0071E Policy set syntax version *sql_syntax_version* is not supported.

Explanation

The policy set specified an invalid version.

Action

Policy sets must start with a VERSION statement. Currently only VERSION 1 is supported.

HSTPC0072E Object name *sql_object_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.

HSTPC0073E Error in rule - *sql_rule_name*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0001E Disk volume *disk_volume_name* 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.

HSTPG0002E Access to disk volume *disk_volume_name* was denied.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0004E Disk volume name *disk_volume_name* is not a valid global disk name.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0005E Access to disk volume *disk_volume_name* failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0006I Disk volume *disk_volume_name* was assigned global ID *global_id*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0007I Using IP *ip_address* port *port_number* for administration sessions.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0008I Using IP *ip_address* port *port_number* for client STP transactions.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0009I Using IP *ip_address* port *port_number* for Group Services messages.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0010I Using IP *ip_address* port *port_number* for High Availability Manager heartbeat messages.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0011I Build Version *build_version_string*, built by *builder_id*.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0012I Alert: The server log, type *log_type*, name *log_file_name*, has been rotated. If you wish to retain its data, save its backup file before the next rotation.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0014I Starting the log indexing subsystem.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0015I The log indexing subsystem has been started.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0016E The log indexing operation failed because of error *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.

HSTPG0017I SAN File System Version *pgm_server_version*
(*pgm_platform_name*)

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0018I Built at *pgm_server_build_time* on *pgm_server_build_date*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0019I Installation complete.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0020E Installation failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0021I Starting as the cluster master.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0022I Now running as the cluster master.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0023I Logical Volume Manager master failed to start.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0024I Cluster Manager master failed to start.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0025I Failed to start as the cluster master.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0026I Stopping as the cluster master.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0027I No longer running as the cluster master.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0028E Installation failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0029E Installation failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0030E Installation failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0031E Installation failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0032E Installation failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0033E Installation failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0034E Installation failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0035E Unknown trace class - @1

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0036E Incorrect number of arguments.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0037E The size argument 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.

HSTPG0038E Error generating the file.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0039I Symbols Library: *pgm_sym_lib_name* *pgm_sym_lib_name*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0040I Command "*pgm_command_name*" was entered.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0041I ***SERVER STARTED*******

Explanation

This is an informational message to indicate that the server started.

Action

No action is required.

HSTPG0042I ***SERVER EXITED*******

Explanation

This is an informational message to indicate that the server exited.

Action

No action is required.

HSTPG0043I ***SERVER STARTED*******

Explanation

This is an informational message to indicate that the server started.

Action

No action is required.

HSTPG0045I Reserving *pgm_log_space*MB for log files.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0046I Log space reserved successfully.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0048E Unknown error key - *pgm_result_code*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0049S Error: Server has encountered a fatal error and will now abort

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0050E Read local Tank.Bootstrap failed, the node is not started

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0051E Failed to configure devices for cluster *pgm_cluster_id***Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0053I System disk name = *pgm_disk_name***Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0054I Overwrite? = *pgm_response*, LP Size (MB) = *pgm_partition_size*, Version = *pgm_server_version***Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0055E Failed to commission system master disk *pgm_disk_name***Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0056E Commissioning system disk (non-master) *pgm_disk_name* FAILED

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0057E Failed to write master disk label to local disk.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0058E Installation of Group Services failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0059E Installation of quorum disk lock failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0060E Commission disk passed a NULL disk label pointer.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0062E Unable to install 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.

HSTPG0063E Unable to start server when server is already running.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0064E 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.

HSTPG0065E 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.

HSTPG0066E 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.

HSTPG0067E Unable to create PID file.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0069E The Tank.Bootstrap file does not match this cluster installation.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0071W Warning. Could not set core file size limit. Value remains `pgm_file_size_limit`.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0072I Debug crash: About to `adm_command_name` server.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0073E Debug crash: Error. Failed to `adm_command_name` server.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTPG0074E Cluster name length *gs_cluster_name_length* 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.

HSTPG0075E Cluster name *pgm_cluster_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.

HSTPM0001I No memory could be allocated.**Explanation**

The metadata server has encountered an unexpected out of memory error.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health.

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**

This adds a time delay of 10 seconds to the removal of a process from the process management table when doing error injection.

Action

No action is required.

HSTSC0001E SCMSG: Attempt to unlink file in nonexistent arena storage pool *sc_pool_name* (*sc_pool_id*).

Explanation

An attempt was made to unlink a file in a nonexistent arena. This is an internal error.

Action

Contact your service representative for additional assistance.

HSTSC0002E Attempt to set space in nonexistent arena.

Explanation

An attempt to set space was made in a nonexistent arena. This is an internal error.

Action

Contact your service representative for additional assistance.

HSTSC0003E Unexpected index error *sc_result_code* while setting up ODT check information

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0004E Error committing metadata check transaction.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0005E Unexpected index error *sc_result_code* clearing ODT check information.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0006E Error committing metadata check transaction.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0007E Out of memory**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0008E Descriptor length OID *sc_object_id* 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.

HSTSC0031E removeEntry: fetch search key index failed. RC = *sc_result_code***Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0032E removeEntry: Data length for search key index 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.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0061E FlashCopy image table overflow detected.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0062E Key in FlashCopy image table 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.

HSTSC0063E Record found in FlashCopy image table for epoch *sc_epoch_id* 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.

HSTSC0064E Unexpected index error *sc_result_code* loading FlashCopy image table for fileset *sc_fileset_name* (*sc_fileset_id*)

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0069E Record found in FlashCopy image table for epoch *sc_flashcopy_table_epoch_id* 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.

HSTSC0078E Corrupt segment table entry found for file
[*sc_cluster_id.sc_fileset_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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0097I OBSOLETE *sc_stsd_object_name*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0108E Nested segment scan for *sc_ste_pointer*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0117I handle_copy_on_write(*sc_block_id*): primary after

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0118E Key length for ATE is not valid.

Explanation

An invalid key length for an arena table entry was found. This may indicate a corrupted file system.

Action

If the problem persists, run the metadata checker in repair mode to correct the problem.

HSTSC0119E Data length for ATE is not valid.

Explanation

An invalid data length for an arena table entry was found. This may indicate a corrupted file system.

Action

If the problem persists, run the metadata checker in repair mode to correct the problem.

HSTSC0120E Error opening arena for fileset *sc_fileset_name* (*sc_fileset_id*), storage pool *sc_pool_name* (*sc_pool_id*)

Explanation

An attempt to open the arenas failed.

Action

Check the logs to determine the cause of the failure.

If the problem persists, run the metadata checker in repair mode to correct the problem. Check your SAN configuration for problems. Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTSC0121E Block size mismatch in ATE.

Explanation

A block size mismatch in an arena table entry was found. This may indicate a corrupted file system.

Action

If the problem persists, run the metadata checker in repair mode to correct the problem.

HSTSC0122E Unexpected index error *sc_result_code*, *sc_table_name*, root page: *sc_fileset_id*: *sc_root_page*.

Explanation

This is a generic error trying to fetch from a btree.

Action

None.

HSTSC0123E Unexpected index error RC=*sc_result_code*, Block ID=*sc_block_id*, fileset=*sc_fileset_name* (*sc_fileset_id*), root page: *sc_root_page*, key: *sc_key*.

Explanation

This is a generic error trying to fetch from a btree.

Action

None.

HSTSC0124E Warning. Error reopening arena for fileset *sc_fileset_name* (*sc_fileset_id*), storage pool *sc_pool_name* (*sc_pool_id*)

Explanation

An attempt to reopen arenas after cluster reconfiguration failed.

Action

View the logs to determine the cause of the failure.

If the problem persists, run the metadata checker in repair mode to correct the problem. Check your SAN configuration for problems. Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTSC0125E Illegal allocation block count: *sc_block_count* (minimum block count *sc_block_count*)**Explanation**

An attempt was made to allocate an invalid number of blocks. This is an internal error.

Action

Contact your service representative for additional assistance.

HSTSC0126E Attempt to allocate space in nonexistent arena.**Explanation**

An attempt was made to allocate space in a nonexistent arena. This is an internal error.

Action

Contact your service representative for additional assistance.

HSTSC0127E Illegal allocation block count: *sc_block_count***Explanation**

An attempt was made to reallocate an invalid number of blocks. This is an internal error.

Action

Contact your service representative for additional assistance.

HSTSC0128E Attempt to reallocate space in nonexistent arena.**Explanation**

An attempt was made to reallocate space in a nonexistent arena. This is an internal error.

Action

Contact your service representative for additional assistance.

HSTSC0129E Attempt to reallocate space in nonexisting arena, stgpool *sc_pool_name* (*sc_pool_id*)**Explanation**

An attempt was made to reallocate space in an arena with no free space map. This is an internal error.

Action

Contact your service representative for additional assistance.

HSTSC0130E Unexpected fsmap error *sc_result_code*

Explanation

An unexpected free space map error occurred. This is an internal error.

Action

Check the logs to determine the cause of the failure. Contact your service representative for additional assistance.

HSTSC0131E Illegal deallocation block count: *sc_block_count*

Explanation

An attempt was made to deallocate an invalid number of blocks. This is an internal error.

Action

Contact your service representative for additional assistance.

HSTSC0132E Attempt to deallocate space in nonexistent arena.

Explanation

An attempt was made to deallocate from a nonexistent arena. This is an internal error.

Action

Contact your service representative for additional assistance.

HSTSC0133E Attempt to deallocate space in nonexistent arena, stgpool *sc_pool_name* (*sc_pool_id*)

Explanation

An attempt was made to deallocate from an arena without a free space map. This is an internal error.

Action

Contact your service representative for additional assistance.

HSTSC0134E Deallocated range is beyond free space map capacity.

Explanation

An attempt was made to deallocate beyond an arena's capacity. This is an internal error.

Action

Contact your service representative for additional assistance.

HSTSC0135E The number of blocks per partition (*sc_block_count*) detected for fileset *sc_fileset_name* (*sc_fileset_id*), stgpool *sc_pool_name* (*sc_pool_id*) is not valid.

Explanation

An block size of zero was detected while translating a logical block number to a physical block number . This is an internal error.

Action

Contact your service representative for additional assistance.

HSTSC0136E Unexpected error *sc_result_code* creating arena for fileset *sc_fileset_name* (*sc_fileset_id*), storage pool *sc_pool_name* (*sc_pool_id*) at master.

Explanation

An attempt to create an arena resulted in an unexpected error. This is an internal error.

Action

View the logs to determine the cause of the failure. Contact your service representative for additional assistance.

HSTSC0137E Free space map capacity is larger than arena actual capacity.

Explanation

The free space map capacity is larger than the arena actual capacity. This is an internal error.

Action

View the logs to determine the cause of the failure. Contact your service representative for additional assistance.

HSTSC0138E Error extending arena for fileset *sc_fileset_name* (*sc_fileset_id*), storage pool *sc_pool_name* (*sc_pool_id*)

Explanation

An error occurred when trying to extend the arena capacity.

Action

View the logs to determine the cause of the failure. Contact your service representative for additional assistance.

HSTSC0139E Arena extension did not result in the addition of new capacity for fileset *sc_fileset_name* (*sc_fileset_id*), storage pool *sc_pool_name* (*sc_pool_id*)

Explanation

An arena extension attempt did not result in the addition of new capacity. This is an internal error.

Action

View the logs to determine the cause of the failure. Contact your service representative for additional assistance.

HSTSC0140E Unexpected error *sc_result_code* extending free space map for fileset *sc_fileset_name* (*sc_fileset_id*), stgpool *sc_pool_name* (*sc_pool_id*)

Explanation

An attempt to extend a free space map resulted in an unexpected error. This is an internal error.

Action

View the logs to determine the cause of the failure. Contact your service representative for additional assistance.

HSTSC0141E Invalid arena block size (*sc_arena_block_size*) reported for fileset *sc_fileset_name* (*sc_fileset_id*), stgpool *sc_pool_name* (*sc_pool_id*)

Explanation

An invalid block size for an arena was detected. This is an internal error.

Action

View the logs to determine the cause of the failure. Contact your service representative for additional assistance.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0143E Directory entry name length: *sc_directory_name_length* 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.

HSTSC0144E Attempt to insert entry into unlinked directory: Dir: *sc_fileset_id. sc_object_id*, Entry: *sc_entry_name*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0145E Called with non-empty directory count = *sc_directory_count*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0146E Incorrect link count = *sc_link_count*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0147E An attempt was made to remove '.' or '..' directory entry.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0148E Missing search key index.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0150E An attempt was made to allocate zero blocks.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0151E An error occurred *sc_result_code* assigning SVC class or storage pool.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0152E Unable to resolve default storage pool.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0153I sizeof(FileObjAttr) = *sc_attribute_size*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0154I Max_Type_Dependent_Attr_Size = *sc_attribute_size*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0156W Segment table present after whole file reclamation for object id (*object_id*), root page (*sc_fileset_id*). (*root_page*).

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0157W f_STECount is non-zero after whole file reclamation for object id (*object_id*), root page (*sc_fileset_id*). (*root_page*).

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0158E OBSOLETE MESSAGE

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0159E ste_allocCount is nonzero after segment deallocation.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0160E f_STECount is nonzero after whole file deallocation for file *sc_object_id*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0161E Underflow detected on b_blockCount.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0162E Underflow detected on allocCount.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0163E A block size that is not valid has been detected.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0164E A live block count that is not valid has been detected:

File: *sc_fileset_id.sc_object_id*, **Alloc Count:** *sc_block_count*, **Live Count:** *sc_block_count*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0165E Unable to access DB.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0167E Error updating anchor record. RC = *sc_result_code*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0168E Error committing assign OID transaction.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0169E Error in committing lock epoch.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0170E Update: Unexpected index error *sc_result_code*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0172E Anchor index root is not allocated at first allocatable DB page for fileset *sc_fileset_name* (*sc_fileset_id*)

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0173E Unable to load fileset anchor record for fileset *sc_fileset_name* (*sc_fileset_id*). Record length: *sc_record_length* 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.

HSTSC0174E Unable to load fileset anchor record for fileset *sc_fileset_name* (*sc_fileset_id*). Checksum: *0xsc_checksum_value* 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.

HSTSC0175E Unable to load fileset anchor record for fileset *sc_fileset_name* (*sc_fileset_id*). ODT root count: *sc_root_count* 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.

HSTSC0176E Unable to load fileset anchor record for fileset *sc_fileset_name* (*sc_fileset_id*). ODT compare function: *sc_compare_function* 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.

HSTSC0177E Unexpected index error *sc_result_code* inserting ODT record for fileset *sc_fileset_name* (*sc_fileset_id*), *OID=sc_object_id*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0178E Unexpected index error *sc_result_code* deleting ODT record for fileset *sc_fileset_name* (*sc_fileset_id*), *OID=sc_object_id*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0179E Unexpected index error *sc_result_code* replacing ODT record for fileset *sc_fileset_name (sc_fileset_id)*, OID=*sc_object_id*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0180E Unexpected index error *sc_result_code* fetching ODT record for fileset *sc_fileset_name (sc_fileset_id)*, OID=*sc_object_id*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0181E Out of memory

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0182E Unexpected index error *sc_result_code* fetching ODT record for fileset *sc_fileset_name (sc_fileset_id)*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0183E Descriptor length for OID *sc_object_id* 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.

HSTSC0184E *sc_pretty_function* called.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0185E Unexpected index error *sc_result_code* inserting FlashCopy image table record for fileset *sc_fileset_name* (*sc_fileset_id*), EpochId *sc_epoch_id*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0186E Unexpected index error *sc_result_code* deleting FlashCopy image table record for fileset *sc_fileset_name* (*sc_fileset_id*), EpochId *sc_epoch_id*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0187E Unexpected index error *sc_result_code* replacing FlashCopy image table record for fileset *sc_fileset_name* (*sc_fileset_id*), EpochId *sc_epoch_id*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0188E Unexpected index error *sc_result_code* fetching FlashCopy image table record for fileset *sc_fileset_name* (*sc_fileset_id*), EpochId *sc_epoch_id*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0198E ReclaimTable: Unexpected index error *sc_result_code* inserting record for fileset=*sc_fileset_name* (*sc_fileset_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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0199E ReclaimTable: Unexpected index error *sc_result_code* deleting record for fileset=*sc_fileset_name* (*sc_fileset_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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0200E ReclaimTable: Unexpected index error *sc_result_code* fetching record for *fileset=sc_fileset_name (sc_fileset_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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0201E Object type: *sc_object_type* 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.

HSTSC0202E An attempt was made to link to object with link count zero.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0203E An attempt was made to delete *OID sc_object_id* with nonzero link count.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0204E Object type 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.

HSTSC0205E Attempt to reclaim OID *sc_object_id*; it is not a file.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0206E Child object OID *sc_object_id* already has link count zero.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0207E Source child object OID *sc_object_id* already has link count zero.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0208E Target child object OID *sc_object_id* already has link count zero.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0209E An attempt was made to set file size.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0210E An attempt was made to set a NULL timestamp for fileset=*sc_fileset_name* (*sc_fileset_id*), OID=*sc_object_id*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0211E OID *sc_object_id* already has linked count zero.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0212E Expected spatial wormhole, but directory entry is of type *sc_entry_type*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0213E Directory link count is not 1 after unlinking name.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0214E store_inline_ste: *sc_segment_table_entry* has copy on write Segment Table Entry.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0229E *get_arena_offset: Extent for `sc_relative_block_number` is NULL.*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0231E [*sc_extent*]: *sc_extent_pointer*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0233E *STE magic value `0xsc_ste_magic_number` 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.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0235E STE has extent count/length mismatch

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0236E scStsdDataTable: Unexpected index error *sc_result_code* *sc_operation_string* record for fileset=*sc_fileset_name* (*sc_fileset_id*), ObjectId=*sc_object_id*, BE=*sc_epoch_id*, segment=*sc_segment_number*

Explanation

The STSD could not be inserted into the data table due to the given error, and was not created.

Action

The STSD cannot be used.

HSTSC0237E scStsdDataTable: Unexpected index error *sc_result_code* deleting record for fileset=*sc_fileset_name* (*sc_fileset_id*), ObjectId=*sc_object_id*, BE=*sc_epoch_id*, segment=*sc_segment_number*

Explanation

The STSD could not be deleted from the data table due to the given error.

Action

The STSD is still in the table.

HSTSC0238E *scStsdDataTable: Unexpected index error `sc_result_code` fetching record for fileset=`sc_fileset_name` (`sc_fileset_id`), ObjectId=`sc_object_id`, SE=`sc_epoch_id`, currentOffset=`sc_offset`, segnum=`sc_segment_number`*

Explanation

The record could not be fetched from the data table due to the given error.

Action

The STSD cannot be read, modified or deleted.

HSTSC0239E *scStsdDataTable: Unexpected record length fetching record for fileset=`sc_fileset_name` (`sc_fileset_id`), ObjectId=`sc_object_id`*

Explanation

The record retrieved from the ODT has an incorrect length.

Action

The STSD cannot be read, modified or deleted.

HSTSC0241E *scStsdHashTable: Unexpected index error `sc_result_code` inserting record for fileset=`sc_fileset_name` (`sc_fileset_id`), ObjectId=`sc_object_id`*

Explanation

The STSD could not be inserted into the hash table due to the given error, and was not created.

Action

The STSD cannot be used.

HSTSC0242E *scStsdHashTable: Unexpected index error `sc_result_code` deleting record for fileset=`sc_fileset_name` (`sc_fileset_id`), hashValue=`sc_hash_value`, operation=`sc_operation_name`*

Explanation

The STSD could not be deleted from the hash table due to the given error.

Action

The STSD is still in the table.

HSTSC0243E *scStsdHashTable*: Unexpected index error *sc_result_code* fetching record for fileset=*sc_fileset_name* (*sc_fileset_id*), hashValue=*sc_hash_value*

Explanation

The record could not be fetched from the hash table due to the given error.

Action

The STSD cannot be read, modified or deleted.

HSTSC0244E *scStsdHashTable*: Out of memory

Explanation

There was insufficient memory to open a scan on the stsd hash table.

Action

The STSD cannot be read, modified or deleted.

HSTSC0245E *Stsd sc_object_id* already has a zero reference count

Explanation

An attempt was made to decrement the reference count of the given object, even though it was already 0.

Action

If salvage is enabled, the data is automatically salvaged. If not, the integrity lost flag is raised.

HSTSC0246E Symbolic link value length: *sc_symlink_length* is not valid.

Explanation

The length of the symbolic link is either 0 or beyond the maximum limit.

Action

Reattempt to create the link with a valid length.

HSTSC0247E Symbolic link object attributes size (*sc_attribute_size*) exceeds maximum allowed in object descriptor (*sc_attribute_size_max*).

Explanation

The attribute size of the symbolic link is beyond the maximum limit.

Action

Reattempt to create the link with a valid attribute size.

HSTSC0248E *scSymLinkTable::insertRecord: Unexpected index error*
sc_result_code inserting record for fileset=*sc_fileset_name*
(*sc_fileset_id*), *OID=sc_object_id*

Explanation

The link could not be inserted into the link table due to the given error, and was not created.

Action

The link cannot be used. Retry inserting the link.

HSTSC0249E *scSymLinkTable::deleteRecord: Unexpected index error*
sc_result_code deleting record for fileset=*sc_fileset_name*
(*sc_fileset_id*), *OID=sc_object_id*, *operation=sc_operation_name*

Explanation

The link could not be deleted from the link table due to the given error.

Action

The link still exists.

HSTSC0250E *scSymLinkTable::fetch_record: Unexpected index error*
sc_result_code fetching record for fileset=*sc_fileset_name*
(*sc_fileset_id*), *OID=sc_object_id*

Explanation

The record could not be fetched from the link table due to the given error.

Action

The link cannot be read, modified, or deleted.

HSTSC0251E *scSymLinkTable::fetch_record: Unexpected record length*
fetching record for fileset=*sc_fileset_name* (*sc_fileset_id*),
OID=sc_object_id

Explanation

The record found in the link table had an incorrect length.

Action

The link cannot be read, modified, or deleted.

HSTSC0252E *scSymLinkTable::check: Could not test fit symbolic link data table due to data base error. RC = *sc_result_code**

Explanation

While running the data corrupt command, could not determine the capacity of records in the symbolic link table.

Action

The data is not corrupted.

HSTSC0253E Unexpected index error *sc_result_code* inserting metadata check's arena record for fileset *sc_fileset_name* (*sc_fileset_id*), stgpool *sc_pool_name* (*sc_pool_id*)

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0254E Unexpected index error *sc_result_code* replacing metadata check's arena record for fileset *sc_fileset_name* (*sc_fileset_id*), stgpool *sc_pool_name* (*sc_pool_id*)

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0255E Unexpected index error *sc_result_code* fetching link count record for fileset *sc_fileset_name* (*sc_fileset_id*), stgpool *sc_pool_name* (*sc_pool_id*)

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0256E Unexpected index error *sc_result_code* extending check arena free space map for fileset *sc_fileset_name* (*sc_fileset_id*), stgpool *sc_pool_name* *sc_pool_id*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0257E Unexpected index error *sc_result_code* setting check arena free space map for Conatiner *sc_fileset_name* (*sc_fileset_id*), stgpool *sc_pool_name* (*sc_pool_id*)

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0258E Unexpected index error *sc_result_code* fetching link count record for fileset=*sc_fileset_name* (*sc_fileset_id*), *OID*=*sc_object_id*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0259E Unexpected index error *sc_result_code* replacing link count record for fileset=*sc_fileset_name* (*sc_fileset_id*), *OID*=*sc_object_id*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**HSTSC0260E Unexpected index error *sc_result_code* inserting link count record for fileset=*sc_fileset_name* (*sc_fileset_id*),
OID=*sc_object_id***

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0261E destroy_dir_indices: Search key index for object *sc_fileset_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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0262E destroy_dir_indices: Name index for object *sc_fileset_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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0263E destroy_dir_indices: Search key index for object *sc_fileset_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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0264E destroy_dir_indices: Name index for object
sc_fileset_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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0265E scSymLinkTable::cleanTable: Unexpected index error
sc_result_code deleting record for fileset=sc_fileset_name
(sc_fileset_id), OID=sc_object_id, operation=sc_epoch_id

Explanation

The data table clean routine was prematurely stopped due to the given error.

Action

The table may still have dead records in it.

HSTSC0266E scSymLinkTable: Out of memory

Explanation

There was insufficient memory to open a scan on the symbolic link table.

Action

The link cannot be read, modified or deleted.

HSTSC0267E cleanFlashCopyObject: Object *sc_object_id.sc_object_id*
add to unlinked table failed. RC = *sc_result_code*.

Explanation

The object was not put on the unlink table.

Action

The object will not be deleted.

HSTSC0268E ReclaimTable: Unexpected index error *sc_result_code* cleaning record for fileset=*sc_fileset_name* (*sc_fileset_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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0269E ReclaimTable: Data size error *sc_result_code* fetching record for fileset=*sc_fileset_name* (*sc_fileset_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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0270E ReclaimTable: Unexpected index error *sc_result_code* fetching the next record for fileset=*sc_fileset_name* (*sc_fileset_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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0271E scStsdDataTable: testRecordFit error *sc_result_code* for fileset *sc_fileset_name* (*sc_fileset_id*).

Explanation

The attempt to find the capacity of btree record failed with the given error.

Action

The STSD cannot be read, modified or deleted.

HSTSC0272E scStsdDataTable: Out of memory

Explanation

There was insufficient memory to open a scan on the STSD data table.

Action

The STSD cannot be read, modified or deleted.

HSTSC0273E scStsdDataTable: Unexpected index error *sc_result_code* deleting record for fileset=*sc_fileset_name* (*sc_fileset_id*), ObjectId=*sc_object_id*, BE=*sc_epoch_id*

Explanation

The data table clean routine was prematurely stopped due to the given error.

Action

The table may still have dead records in it.

HSTSC0274E scStsdHashTable: Unexpected index error *sc_result_code* cleaning record for fileset=*sc_fileset_name* (*sc_fileset_id*), ObjectId=*sc_object_id*, BE=*sc_epoch_id*

Explanation

The data table clean routine was prematurely stopped due to the given error.

Action

The table may still have dead records in it.

HSTSC0275E clean ste: reclaim failed: fileset *sc_fileset_name* (*sc_fileset_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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0276E clean ste: store failed: fileset *sc_fileset_name* (*sc_fileset_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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0277E clean ste: remove failed: fileset *sc_fileset_name* (*sc_fileset_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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0280W rmvolume: FlashCopy image *sc_object_id* (*sc_fileset_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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0281I STSD 0ID = *sc_object_id* deleted

Explanation

The STSD was deleted because an attempt was made to decrement the reference count even though it was already 0.

Action

None.

HSTSC0282S Salvage SC arena record failure: Commit transaction failed. RC = *sc_result_code*.

Explanation

An attempt to salvage an arena record was unsuccessful.

Action

View the logs to determine the cause of the failure. Contact your service representative for additional assistance.

HSTSC0283I Salvaging SC arena record: <fileset *sc_fileset_name* (*sc_fileset_id*), stgpool *sc_pool_name* (*sc_pool_id*)>

Explanation

This message indicates that an arena record is being salvaged as a result of a metadata checker scan.

Action

View the logs on the specified server to view details of the metadata corruption and repair.

HSTSC0284E FSMap checkRoot integrity failure forced.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0285E Salvage SC arena record failure: FSMap LocateRoot for arena record <fileset *sc_fileset_name* (*sc_fileset_id*), stgpool *sc_pool_name* (*sc_pool_id*)> failed. RC = *sc_result_code*.

Explanation

An attempt to salvage an arena record failed because the root of the free space map was not found.

Action

View the logs on the specified server to view details of the metadata corruption and repair. Resolve the error code and run the metadata checker again.

Check your SAN configuration for problems. Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTSC0286S Salvage SC arena record failure: Insert/replace into table failed. RC = *sc_result_code*

Explanation

An attempt salvage an arena record failed while inserting or replacing into the arena table.

Action

View the logs on the specified server to view details of the metadata corruption and repair. Resolve the error code and run the metadata checker again.

Check your SAN configuration for problems. Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative

HSTSC0287I Salvaging full SC arena table for fileset *sc_fileset_name* (*sc_fileset_id*).

Explanation

This message indicates that an arena table is being salvaged as a result of a metadata checker scan.

Action

View the logs on the specified server to view details of the metadata corruption and repair.

HSTSC0288S Salvage SC arena table failure: Commit transaction failed. RC = *sc_result_code*.

Explanation

An attempt to salvage an arena table failed.

Action

View the logs on the specified server to view details of the metadata corruption and repair. Resolve the error code and run the metadata checker again.

Check your SAN configuration for problems. Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative.

HSTSC0289I Salvaging SC anchor record for fileset *sc_fileset_name* (*sc_fileset_id*).

Explanation

The Fileset anchor record is being salvaged.

Action

No action necessary.

HSTSC0290S Salvage SC anchor record failure: CheckRoot failed for *sc_result_code* table. RC = *sc_result_code*.

Explanation

The metadata checker encountered a problem while attempting to salvage the Fileset anchor record.

Action

Resolve the error code and run the metadata checker again.

HSTSC0291S Salvage SC anchor record failure: LocateRoot failed for *sc_result_code* table. RC = *sc_result_code*.

Explanation

The metadata checker could not salvage the Fileset anchor record.

Action

Recreate the Fileset and recover it from backup.

HSTSC0292S Salvage SC anchor record failure: Insert/Replace of anchor record failed. RC = *sc_result_code*

Explanation

The metadata checker encountered a problem while attempting to salvage the Fileset anchor record.

Action

Resolve the error code and run the metadata checker again.

HSTSC0293S Salvage SC anchor record failure: Commit transaction failed. RC = *sc_result_code*.

Explanation

The metadata checker encountered a problem while attempting to salvage the Fileset anchor record.

Action

Resolve the error code and run the metadata checker again.

HSTSC0294S Destroy SC *sc_stsd_data_string* table record failure: Delete from table failed. RC = *sc_result_code*

Explanation

The metadata checker encountered a problem while attempting to salvage a metadata table in the Fileset.

Action

Resolve the error code and run the metadata checker again.

HSTSC0295S Salvage SC *sc_stsd_data_string* table record failure: Commit transaction failed. RC = *sc_result_code*.

Explanation

The metadata checker encountered a problem while attempting to salvage a metadata table in the Fileset.

Action

Resolve the error code and run the metadata checker again.

HSTSC0296S Anchor record checkRoot integrity failure forced.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0297S Unexpected free space map error *fileset=sc_fileset_name (sc_fileset_id), stgpool=sc_pool_name (sc_pool_id), blockNo=sc_block_number*

Explanation

The metadata checker found a block that is allocated to two different objects.

Action

Run the metadata checker in salvage mode to mark the blocks. Recover the affected files from backup.

HSTSC0300E Salvage SC *sc_object_id* **Relative block number** *relative_block_number* **Arena offset** *block_number* **set to block_state**

Explanation

A block was found to be assigned to more than one file.

Action

The block is marked bad and set to be salvaged.

HSTSC0301E Salvage SC *sc_object_id* **copy on write Bad block.** **Relative block number** *relative_block_number* **Arena offset** *block_number*

Explanation

A copy on write block was found to be assigned to more than one file.

Action

The copy on write block is marked bad and set to be salvaged.

HSTSC0302E Check SC *sc_object_id* **Table failure: Fetch from table failed. RC =** *sc_result_code*

Explanation

There was a problem checking a metadata table in the Fileset.

Action

Resolve the error code and run the metadata checker again.

HSTSC0303E Salvage SC *sc_object_id* Table failure: Fetch from table failed. RC = *sc_result_code*

Explanation

The metadata checker encountered an error while salvaging a metadata table in the Fileset.

Action

Resolve the error code and run the metadata checker again.

HSTSC0304E Salvage SC *sc_object_id* Table failure: Delete from table failed. RC = *sc_result_code*

Explanation

The metadata checker encountered an error while salvaging a metadata table in the Fileset.

Action

Resolve the error code and run the metadata checker again.

HSTSC0305E Salvage SC *sc_object_id* Table failure: Insert into table failed. RC = *sc_result_code*

Explanation

The metadata checker encountered an error while salvaging a metadata table in the Fileset.

Action

Resolve the error code and run the metadata checker again.

HSTSC0306E Salvage free space unexpected error *sc_result_code* upgrading page lock. fileset=*fs_fileset_id* FS Map root page=*fs_page_number*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0307I fileset metadata check stopped.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0308E Fileset storage pool arena data does not agree with anchor record

Explanation

The in-memory arena data does not agree with the on-disk data.

Action

The data is automatically salvaged if the salvage option was selected. If not, the integrity lost flag is raised. Check the logs on specified server to view details of the metadata corruption and repair.

HSTSC0309E Could not find arena control block. Storage pool *sc_pool_name* (*sc_pool_id*)

Explanation

The arena could not be found because the storage pool ID is bad. An attempt to salvage the arena table will be made.

Action

The data is automatically salvaged if the salvage option was selected. If not, the integrity lost flag is raised. Check the logs on specified server to view details of the metadata corruption and repair.

HSTSC0310E Fileset arena table key stgpool *sc_pool_id* verify failed. RC = *sc_result_code*

Explanation

The verification of the storage pool ID failed. An attempt to salvage the arena table will be made.

Action

The data is automatically salvaged if the salvage option was selected. If not, the integrity lost flag is raised. Check the logs on specified server to view details of the metadata corruption and repair.

HSTSC0311E Fileset arena table entry version *sc_arena_version* should be *sc_arena_version***Explanation**

The arena version in the arena table entry is corrupt.

Action

The data is automatically salvaged if the salvage option was selected. If not, the integrity lost flag is raised. Check the logs on specified server to view details of the metadata corruption and repair.

HSTSC0312E Fileset arena table entry first reserved space is incorrect.**Explanation**

The first reserved field in the arena table entry is corrupt.

Action

The data is automatically salvaged if the salvage option was selected. If not, the integrity lost flag is raised. Check the logs on specified server to view details of the metadata corruption and repair.

HSTSC0313E Fileset arena table entry second reserved space is incorrect.**Explanation**

The second reserved field in the arena table entry is corrupt.

Action

The data is automatically salvaged if the salvage option was selected. If not, the integrity lost flag is raised. Check the logs on specified server to view details of the metadata corruption and repair.

HSTSC0314E Fileset arena table entry capacity is incorrect.**Explanation**

The free space map capacity in the arena table entry is corrupt.

Action

The data is automatically salvaged if the salvage option was selected. If not, the integrity lost flag is raised. Check the logs on specified server to view details of the metadata corruption and repair.

HSTSC0315E Fileset arena table entry occupancy *sc_arena_occupancy* should be less than or equal to *sc_arena_occupancy* .

Explanation

The free space map occupancy in the arena table entry is corrupt.

Action

The data is automatically salvaged if the salvage option was selected. If not, the integrity lost flag is raised. Check the logs on specified server to view details of the metadata corruption and repair.

HSTSC0316E Fileset arena table entry third reserved space is incorrect

Explanation

The third reserved field in the arena table entry is corrupt.

Action

The data is automatically salvaged if the salvage option was selected. If not, the integrity lost flag is raised. Check the logs on specified server to view details of the metadata corruption and repair.

HSTSC0317E Fileset arena table entry free space root page is incorrect.

Explanation

The free space map root page in the arena table entry is incorrect.

Action

The data is automatically salvaged if the salvage option was selected. If not, the integrity lost flag is raised. Check the logs on specified server to view details of the metadata corruption and repair.

HSTSC0318E Fileset arena table entry block size is incorrect.

Explanation

The arena table entry block size is incorrect.

Action

The data is automatically salvaged if the salvage option was selected. If not, the integrity lost flag is raised. Check the logs on specified server to view details of the metadata corruption and repair.

HSTSC0319E Could not find arena control block. Storage Pool *sc_pool_name* (*sc_pool_id*). Unexpected error.

Explanation

The metadata checker could not find an arena control block.

Action

Repeat the metadata check. If the error persists, contact your service representative.

HSTSC0320E Fileset arena table entry fetch check arena table failed, stgpool *sc_pool_name* (*sc_pool_id*). RC = *sc_result_code*

Explanation

An attempt to fetch a table entry from the check arena table failed.

Action

Resolve the error code and run the metadata checker again. Check your SAN configuration for problems. Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative.

HSTSC0321E Fileset directory object basic block size is incorrect.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0322E Fileset directory object version *sc_directory_version* should be *sc_directory_version*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0323E Fileset directory object first reserved should be 0

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0324E OBSOLETE Fileset directory object parent directory is incorrect.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0325E Fileset directory object search index root page is incorrect.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0326E Fileset directory object name index root page is incorrect.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0327E Fileset directory object next search key is incorrect.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0328E Fileset directory object search index object ID is incorrect. RC = *sc_result_code*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0329E Size of fileset directory object search index is incorrect.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0330E Fileset 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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0331E Fileset directory object search index version *sc_search_index_version* should be *sc_search_index_version*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0332E Fileset directory object search index name length 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.

HSTSC0333E Fileset directory object search index type 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.

HSTSC0334E Fileset directory object search index object ID is incorrect. RC = *sc_result_code*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0335E Fileset directory object search index directory object does not connect.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0336E Fileset directory object search index directory object 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.

HSTSC0337E Fileset directory object search index object death epoch ID is incorrect.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0338E Fileset directory object search index object birth epoch ID is incorrect.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0339E Fileset directory object name index key epoch ID is incorrect.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0340E Fileset directory object name index key name length 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.

HSTSC0341E Fileset directory object name index version *sc_name_index_version* should be *sc_name_index_version*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0342E Fileset directory object name index reserved space is incorrect.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0343E Fileset directory object name index type is incorrect.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0344E Fileset directory object name index object ID is incorrect. RC = *sc_result_code*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0345E Fileset directory object name index directory object does not connect.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0346E Fileset directory object name index directory object 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.

HSTSC0347E Fileset directory object name index search key 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.

HSTSC0348E Fileset directory object name index search key error.
RC = *sc_result_code*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0349E Fileset directory object name index death epoch ID is incorrect.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0350E Fileset directory object name index birth epoch ID is incorrect.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0351E Fileset file object version *sc_object_version* should be *sc_object_version*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0352E Fileset file object first reserved space is incorrect.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0353E Fileset file object status is incorrect.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0354E Fileset file object status error. RC = *sc_result_code*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0355E Fileset file object allocation unit *sc_object_size* is incorrect.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0356E Fileset file object second reserved space is incorrect.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0357E Fileset file object segment table entries is incorrect.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0358E Fileset file object live block count is incorrect.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0359E Fileset 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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0360E Fileset object common attributes basic block count is incorrect.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0361E Fileset file object third reserved space is incorrect.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0362E Fileset anchor record root page is incorrect.

Explanation

The metadata checker encountered a problem with the Fileset anchor record.

Action

Recreate the fileset and recover the contents from backup.

HSTSC0363E SC anchor record load for fileset *sc_fileset_name* (*sc_fileset_id*) failed *sc_result_code*.

Explanation

The metadata checker encountered a problem loading the Fileset anchor record.

Action

Run the metadata checker in salvage mode to recreate the Fileset anchor record.

HSTSC0364E Fileset anchor record on disk is not the same as in memory copy for fileset *sc_fileset_name* (*sc_fileset_id*).

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0365E Fileset anchor record version *sc_anchor_version* should be *sc_anchor_version* for fileset *sc_fileset_name* (*sc_fileset_id*).

Explanation

The Fileset anchor record is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the Fileset anchor record.

HSTSC0366E OBSOLETE Fileset anchor record reserved field is not correct for fileset *sc_fileset_name* (*sc_fileset_id*). reserved: *0xsc_anchor_reserved* reserved1:*0xsc_anchor_reserved*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0367E Fileset anchor record flags field is not valid for fileset *sc_fileset_name* (*sc_fileset_id*). Flags: *0xsc_anchor_flags*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0368E Fileset anchor record update progress

sc_update_progress should be *sc_update_progress* for fileset *sc_fileset_name* (*sc_fileset_id*).

Explanation

The Fileset anchor record is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the Fileset anchor record.

HSTSC0369E Fileset anchor record ODT root count *sc_root_count* should be *sc_root_count* for fileset *sc_fileset_name* (*sc_fileset_id*).

Explanation

The Fileset anchor record is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the Fileset anchor record.

HSTSC0370E Fileset anchor record ODT compare function

sc_compare_function should be *sc_compare_function* for fileset *sc_fileset_name* (*sc_fileset_id*).

Explanation

The Fileset anchor record is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the Fileset anchor record.

HSTSC0371E *sc_root_page* table root page is incorrect for fileset *sc_fileset_name* (*sc_fileset_id*).

Explanation

The Fileset anchor record is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the Fileset anchor record.

HSTSC0372E Fileset anchor record primary epoch ID *sc_epoch_id* should be between *sc_epoch_id* and *sc_epoch_id* for fileset *sc_fileset_name* (*sc_fileset_id*). Fatal error.

Explanation

The Fileset anchor record is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the Fileset anchor record.

HSTSC0373E Fileset anchor record revert from epoch ID *sc_epoch_id* is incorrect.

Explanation

The Fileset anchor record is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the Fileset anchor record.

HSTSC0374E Fileset anchor record quota is not valid. Value is *sc_record_quota* in fileset *sc_fileset_name* (*sc_fileset_id*).

Explanation

The Fileset anchor record is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the Fileset anchor record.

HSTSC0375E Fileset anchor record alert percentage is not valid. Value is *sc_alert_percentage* in fileset *sc_fileset_name* (*sc_fileset_id*).

Explanation

The Fileset anchor record is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the Fileset anchor record.

HSTSC0376E Fileset anchor record hard/soft flag is not valid.
Value is 0xsc_anchor_flag in fileset sc_fileset_name
(sc_fileset_id).

Explanation

Fileset anchor record is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the Fileset anchor record.

HSTSC0377E Fileset anchor record quota is different than master,
anchor quota sc_fileset_quota, master quota sc_fileset_quota,
fileset sc_fileset_name (sc_fileset_id).

Explanation

The Fileset anchor record is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the Fileset anchor record.

HSTSC0378E Fileset anchor record alert percentage is different
than master, anchor percentage sc_alert_percent, master percentage
sc_alert_percent, fileset sc_fileset_name (sc_fileset_id).

Explanation

The Fileset anchor record is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the Fileset anchor record.

HSTSC0379E Fileset anchor record hard/soft flag is different than
master.

Explanation

The Fileset anchor record is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the Fileset anchor record.

HSTSC0380E Fileset ODT <fileset *sc_fileset_name* (*sc_fileset_id*)> does not agree with anchor record <fileset *sc_fileset_name*, (*sc_fileset_id*)>

Explanation

The Fileset ID did not agree with the metadata tables memory copy.

Action

It might be necessary to restart the server servicing the Fileset to fix this problem.

HSTSC0381E Fileset ODT root address (0x*sc_root_address*) does not agree with anchor record (0X*sc_root_address*)

Explanation

The Fileset root page did not agree with the metadata tables memory copy.

Action

It might be necessary to restart the server servicing the Fileset to fix this problem.

HSTSC0382E Fileset object ID is incorrect.

Explanation

The object's ID is greater than any ID that has been used. It is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the object.

HSTSC0383E Fileset object epoch ID epoch is incorrect.

Explanation

The object's epoch is greater than any epoch that has been used. It is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the object.

HSTSC0384E Fileset object ID reserved is incorrect.

Explanation

The object is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the object.

HSTSC0385E Fileset object common attributes version
sc_object_version should be *sc_object_version*.

Explanation

The object is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the object.

HSTSC0386E Fileset object common attributes basic type
sc_object_type is incorrect.

Explanation

The object is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the object.

HSTSC0387E OBSOLETE Fileset object common attributes basic miscellaneous is incorrect.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0388E Fileset object common attributes basic block size is incorrect.

Explanation

The object is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the object.

HSTSC0389E Fileset object common attributes data version is incorrect.

Explanation

The object is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the object.

HSTSC0390E Fileset object common attributes session version is incorrect.

Explanation

The object is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the object.

HSTSC0391E Fileset object common attributes storage pool ID is incorrect.

Explanation

The object is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the object.

HSTSC0392E Fileset object common attributes strategy is incorrect.

Explanation

The object is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the object.

HSTSC0393E Fileset object common attributes birth epoch ID is incorrect.

Explanation

The object is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the object.

HSTSC0394E Fileset object common attributes death epoch ID is incorrect.

Explanation

The object is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the object.

HSTSC0395E Fileset object common attributes revertCount is incorrect.

Explanation

The object is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the object.

HSTSC0396E Fileset object common attributes reserved *sc_object_reserved* is incorrect.

Explanation

The object is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the object.

HSTSC0397E WORMHOLE type *sc_object_type*.

Explanation

The object is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the object.

HSTSC0398E Fileset object common attributes basic type *sc_object_type* is incorrect.

Explanation

The object is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the object.

HSTSC0399E Fileset object common attributes permissions are incorrect.

Explanation

The object is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the object.

HSTSC0400E Fileset object common attributes user ID/group ID are incorrect.

Explanation

The object is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the object.

HSTSC0401E Fileset object common attributes STSD ID is incorrect.

Explanation

The object is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the object.

HSTSC0402E Fileset object common attributes STSD domain is incorrect.

Explanation

The object is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the object.

HSTSC0403E Fileset object common attributes STSD permissions is incorrect.

Explanation

The object is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the object.

HSTSC0404E Fileset object common attributes security descriptor length *sc_descriptor_length* is incorrect.

Explanation

The object is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the object.

HSTSC0405E Fileset object common attributes security descriptor data is incorrect.

Explanation

The object is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the object.

HSTSC0406E Fileset object common attributes security descriptor data error. RC = *sc_result_code*

Explanation

The object is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the object.

HSTSC0407E Fileset object common attributes basic link count is *sc_link_count*. It should be *sc_link_count*

Explanation

The object is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the object.

HSTSC0408E Fileset object common attributes basic link count is incorrect.

Explanation

The object is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the object.

HSTSC0409E Fileset object common attributes basic link count error. RC = *sc_result_code*

Explanation

The object is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the object.

HSTSC0410E Unable to lock fileset FlashCopy table. Error *sc_result_code*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0411E Fileset FlashCopy data does not agree with the anchor record.

Explanation

The Fileset Flashcopy data did not agree with the metadata tables memory copy.

Action

It might be necessary to restart the server servicing the Fileset to fix this problem.

HSTSC0412E Fileset FlashCopy table key epoch ID is incorrect.

Explanation

The Fileset FlashCopy table is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the table.

HSTSC0413E Fileset FlashCopy table checksum is incorrect.

Explanation

The Fileset FlashCopy table is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the table.

HSTSC0414E Fileset FlashCopy table version *sc_data_version* should be *sc_data_version***Explanation**

The Fileset FlashCopy table is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the table.

HSTSC0415E Fileset FlashCopy table reserved space is incorrect.**Explanation**

The Fileset FlashCopy table is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the table.

HSTSC0416E Fileset FlashCopy table timestamp is in the future.**Explanation**

The Fileset FlashCopy table is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the table.

HSTSC0417E Fileset FlashCopy table flags is incorrect.**Explanation**

The Fileset FlashCopy table is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the table.

HSTSC0418E Fileset *sc_table_name* data does not agree with anchor record.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0419E Fileset FlashCopy table string lengths is incorrect.**Explanation**

The Fileset FlashCopy table is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the table.

HSTSC0420E Fileset *sc_table_name* table key storage pool ID 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.

HSTSC0421E Fileset *sc_table_name* table key object ID (*sc_object_id*) 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.

HSTSC0422E Fileset *sc_table_name* table key reserved space is incorrect.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0423E Fileset directory object segment table root page is incorrect.**Explanation**

The apparent root page of a file object does not match the signature of a root page.

Action

If salvage is enabled, the corrupt block is removed from the file, and the contents of the file will need to be recreated or restored from backup. If not, the integrity lost flag is raised.

HSTSC0424E Fileset file object segment header *sc_error_message* **version: *sc_version***

Explanation

The segment table entry in the specified file is corrupt and the file needs to be salvaged. This message reports the segment header version.

Action

The contents of the file will need to be recreated or restored from backup.

HSTSC0425E Fileset file object segment header *sc_error_message* **magic: *0xsc_magic_number***

Explanation

The segment table entry in the specified file is corrupt, and the file needs to be salvaged. This message reports the segment header magic number.

Action

The contents of the file will need to be recreated or restored from backup.

HSTSC0426E Fileset file object segment header *sc_error_message* **flags: *0xsc_flags***

Explanation

The segment table entry in the specified file is corrupt and the file needs to be salvaged. This message reports the segment header flags.

Action

The contents of the file will need to be recreated or restored from backup.

HSTSC0427E Fileset file object segment header *sc_error_message* **reserved*sc_reserved_number*: *sc_reserved***

Explanation

The segment table entry in the specified file is corrupt and the file needs to be salvaged. This message reports the segment header reserved value.

Action

The contents of the file will need to be recreated or restored from backup.

HSTSC0428E Fileset file object segment header *sc_error_message*
extentCount: *sc_extent_count*

Explanation

The segment table entry in the specified file is corrupt and the file needs to be salvaged. This message reports the segment header extent count.

Action

The contents of the file will need to be recreated or restored from backup.

HSTSC0429E OBSOLETE Fileset file object segment header
***sc_error_message* objectId:** *sc_object_id*

Explanation

The segment table entry in the specified file is corrupt and the file needs to be salvaged. This message reports the segment header object ID.

Action

The contents of the file will need to be recreated or restored from backup.

HSTSC0430E Fileset file object segment header *sc_error_message*
birthEpochId: *sc_epoch_id*

Explanation

The segment table entry in the specified file is corrupt and the file needs to be salvaged. This message reports the segment header birth epoch.

Action

The contents of the file will need to be recreated or restored from backup.

HSTSC0431E Fileset file object segment header *sc_error_message*
deathEpochId: *sc_epoch_id*

Explanation

The segment table entry in the specified file is corrupt and the file needs to be salvaged. This message reports the segment header death epoch.

Action

The contents of the file will need to be recreated or restored from backup.

HSTSC0432E Fileset file object segment header *sc_error_message*
denseCount: *sc_dense_count*

Explanation

The segment table entry in the specified file is corrupt and the file needs to be salvaged. This message reports the segment header dense count.

Action

The contents of the file will need to be recreated or restored from backup.

HSTSC0433E Fileset file object segment header *sc_error_message*
allocCount: *sc_alloc_count*

Explanation

The segment table entry in the specified file is corrupt and the file needs to be salvaged. This message reports the segment header alloc count.

Action

The contents of the file will need to be recreated or restored from backup.

HSTSC0434E Fileset file object segment extent *sc_error_message*
startRBN: *sc_event*

Explanation

The segment table entry in the specified file is corrupt and the file needs to be salvaged. This message reports the segment extent startRBN.

Action

The contents of the file will need to be recreated or restored from backup.

HSTSC0435E Fileset file object segment extent *sc_error_message*
count: *sc_count*

Explanation

The segment table entry in the specified file is corrupt and the file needs to be salvaged. This message reports the segment extent count.

Action

The contents of the file will need to be recreated or restored from backup.

HSTSC0436E Fileset file object segment extent *sc_error_message*
arenaOffset: *sc_arena_offset*

Explanation

The segment table entry in the specified file is corrupt and the file needs to be salvaged. This message reports the segment extent arena offset.

Action

The contents of the file will need to be recreated or restored from backup.

HSTSC0437E Fileset file object segment header *sc_error_message*
blockState: *sc_block_state*

Explanation

The segment table entry in the specified file is corrupt and the file needs to be salvaged. This message reports the segment header block state.

Action

The contents of the file will need to be recreated or restored from backup.

HSTSC0438E Fileset file object segment *sc_error_message*
calculated: *sc_checksum*, **expected:** *sc_checksum*

Explanation

The segment table entry in the specified file has an incorrect checksum, and the file needs to be salvaged.

Action

The contents of the file will need to be recreated or restored from backup.

HSTSC0439E Fileset object STSD data consistency error for STSObj:
sc_stsd_object_id

Explanation

No stsd with the given object ID was found in the data table.

Action

The integrity lost flag is raised.

HSTSC0440E Fileset object STSD data fetch error for STSObj:
sc_stsd_object_id **RC =** *sc_result_code*

Explanation

The object could not be fetched from the data table due to the given error.

Action

If salvage is enabled, the data is automatically salvaged. If not, the integrity lost flag is raised.

HSTSC0441E Fileset object STSD hash not found for STSDobj:

sc_stsd_object_id

Explanation

No STSD with the given hash value was found in the hash table.

Action

If salvage is enabled, the data is automatically salvaged. If not, the integrity lost flag is raised.

HSTSC0442E Fileset object STSD hash fetch error for STSDobj:

sc_stsd_object_id

Explanation

The object could not be fetched from the hash table due to the given error.

Action

If salvage is enabled, the data is automatically salvaged. If not, the integrity lost flag is raised.

HSTSC0443E Fileset object STSD hash value corrupt for STSDobj:

sc_stsd_object_id

Explanation

The hash value computed from the data entry does not match the one retrieved from the hash table.

Action

If salvage is enabled, the data is automatically salvaged. If not, the integrity lost flag is raised.

HSTSC0444E Fileset STSD data does not agree with anchor record.

Explanation

The object anchor data (fileset ID, root address) is invalid.

Action

The metadata check prematurely stops and fails.

HSTSC0445E Fileset STSD table key object ID is not valid.**Explanation**

The object ID of the given STSD was not found in the ODT, and is likely invalid.

Action

If salvage is enabled, the data is automatically salvaged. If not, the integrity lost flag is raised.

HSTSC0446E Fileset STSD table key object ID error *sc_result_code***Explanation**

The object ID of the given STSD was not found in the ODT due to the reported error.

Action

If salvage is enabled, the data is automatically salvaged. If not, the integrity lost flag is raised.

HSTSC0448E Fileset STSD Hash data does not agree with anchor record.**Explanation**

The object anchor data (fileset ID, root address) is invalid.

Action

The metadata check prematurely stops and fails.

HSTSC0449E Fileset STSD table key object ID is not valid.**Explanation**

The object ID of the given STSD was not found in the ODT, and is likely invalid.

Action

If salvage is enabled, the data is automatically salvaged. If not, the integrity lost flag is raised.

HSTSC0450E Fileset STSD table key object ID error=*sc_result_code***Explanation**

The object ID of the given STSD was not found in the ODT due to the given error.

Action

If salvage is enabled, the data is automatically salvaged. If not, the integrity lost flag is raised.

HSTSC0451E Fileset object common attributes basic file size is incorrect.

Explanation

The object anchor data (fileset ID, root address) is invalid.

Action

The metadata check prematurely stops and fails.

HSTSC0452E Fileset object common attributes basic block count is incorrect.

Explanation

The basic block count of the given object is incorrect.

Action

If salvage is enabled, the data is automatically salvaged. If not, the integrity lost flag is raised.

HSTSC0453E Fileset object common attributes basic file size is incorrect.

Explanation

The file size of the given object is incorrect.

Action

If salvage is enabled, the data is automatically salvaged. If not, the integrity lost flag is raised.

HSTSC0454E Fileset symbolic links data does not agree with anchor record.

Explanation

The object anchor data (fileset ID, root address) is invalid.

Action

The metadata check prematurely stops and fails.

HSTSC0455E Fileset symbolic link table key object ID is not valid.

Explanation

The object ID of the given STSD was not found in the ODT, and is likely invalid.

Action

If salvage is enabled, the data is automatically salvaged. If not, the integrity lost flag is raised.

HSTSC0456E Fileset symbolic link table key object ID error=*sc_result_code*

Explanation

The object ID of the given STSD was not found in the ODT due to the given error.

Action

If salvage is enabled, the data is automatically salvaged. If not, the integrity lost flag is raised.

HSTSC0457E Fileset symbolic link table key reserved space is incorrect.

Explanation

The reserved field of the given STSD has an incorrect value.

Action

If salvage is enabled, the data is automatically salvaged. If not, the integrity lost flag is raised.

HSTSC0458E OID scan: out of memory.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0459E Fileset file object block state should not be allocated.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0460E Fileset file object block state should be bad.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0462E *sc_function: sc_fileset_id.sc_object_id* filesize mismatch: file*Size: sc_file_size*, b_fileSize: *sc_block_size*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0463E *sc_function: sc_fileset_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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0464E FlashCopy Image Cleaner: Error *sc_result_code* replacing key *sc_key.sc_epoch_id* in directory searchkey index at root page *sc_fileset_id.sc_key_index_root*, objectId *sc_object_id*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0465E FlashCopy Image Cleaner: Error *sc_result_code* replacing key *sc_name.sc_epoch_id* in directory name index at root page *sc_fileset_id.sc_index_root*, objectId *sc_object_id*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0466E FlashCopy Image Cleaner: Error *sc_result_code* removing key *sc_key.sc_epoch_id* from directory searchkey index at root page *sc_fileset_id.sc_index_root*, objectId *sc_object_id*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0467E FlashCopy Image Cleaner: Error *sc_result_code* removing key *sc_key.sc_epoch_id* from directory name index at root page *sc_fileset_id.sc_index_root*, objectId *sc_object_id*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0468E FlashCopy Image Cleaner: Unexpected error

sc_result_code **processing directory** *sc_object_id*, **searchKey index**
sc_fileset_id.sc_index_root, **name index** *sc_fileset_id.sc_index_root*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSM0001I Connection request received from IP address *ip_address*, port *port_number*.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSM0002W asmNetworkOutputStream: Tabular output was still in progress when end-of-response marker written.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSM0003E asmNetworkOutputStream: Untranslated ADM command result code - *asm_result_code***Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSM0004E Unable to create acceptor socket.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSM0005E Unable to start session acceptor daemon.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSM0006E Error *asm_result_code* sending data for session *asm_session_number*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSM0007I Received 0 bytes for session *asm_session_number*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSM0008E Error *asm_result_code* receiving data for session *asm_session_number*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSM0009E Error accepting new connection.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSM0010I Stopping session acceptor daemon.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSM0011E Error *asm_result_code* initializing acceptor socket.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSM0012E Error *asm_result_code* setting socket option for acceptor socket.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSM0013E Error *asm_result_code* binding port *asm_port_number* to acceptor socket.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSM0014E Error *asm_result_code* listening on acceptor socket.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSM0015E Administrative command failed: unable to allocate required memory.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSM0016E Administrative command failed: invalid message header.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSM0017E Administrative command failed: invalid message type.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSM0018E Administrative command failed: invalid message length.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**HSTSM0019E asmShippedCmdAction: Error sending reply to node
*asm_result_code***

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**HSTSM0020I Dropping connection for IP address *asm_ip_address*, port
asm_port_id.**

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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

Client is not able to reassert its lock because server has already stolen it. Lock is either used by server or it is handed over to some other client. Reasserting client will return error to the application.

Action

Restart your application. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. View the operating system log on the server machine. Check your SAN configuration for problems. Contact Technical Support.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0004E getObjectType: Detach in progress. Retry the request for < @1. @2.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**HSTTM0006E DeferredDowngradeDataLock: too much STSD Data:
client=*tm_client_id*, size=*tm_stsd_length*.**

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0007E Warning. OM RC *tm_om_result_code* not translated.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0008E tmMsgBuilder::setUnicodeString: Insufficient space in message.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0009S CALLHOME: tmMsgBuilder::setUnicodeString: Insufficient space in message. The server process is stopping.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0012E TM immediate message: Ignored message - The message type is not valid (0x@1@2).

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0013E TMRep: Error initializing UDP socket.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0014E TMRep: Error binding port *tm_port_id* to TCP socket.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0015E TMRep: Error initializing UDP socket.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0016E TMRep: Error binding port @1 to TCP socket.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0017E TMRep: Unable to start UDP receiver thread.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0018E TMRep: Unable to start *tm_thread_name* cleanup thread.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0019E TMRep: Error initializing the STP ping socket.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0020E TMRep: Error binding STP ping socket to ip=*tm_ip_address*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0021E Expire Lease: ClientId=*tm_client_id*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0023E OBSOLETE TM receiver: Error *tm_result_code*(*tm_session_id*) receiving datagram.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0025E TM receiver: Invalid signature in message header.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0027E TM receiver: protocol version number (*tm_protocol_version*) in message header is invalid.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0029E TM receiver: Ignored shutdown. The client *client_id* is unidentified.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0030E TM receiver: Ignored message. The client *client_id* is unidentified.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0031E TM receiver: Sending ExpireLease message to client
***tm_client_id*. MessageType: (*tm_msg_name*:0x*tm_msg_type_value*)**

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0032E TM receiver: ignored message. The message type (*0x_{tm}_msg_type*) 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.

HSTTM0033E TM: Mismatch on LM::SessionLockMode enumeration.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0034E TM: Mismatch on LM::DataLockMode enumeration.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0035E TM: Mismatch on OM:Null_SessionVersion.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0036E TM: Mismatch on OM:Null_DataVersion.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0037E TM: Mismatch on ObjType enumeration.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0038E TM: Mismatch on MiscObjAttr enumeration.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0039E TM: Mismatch on Permission enumeration.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0040E TM: Mismatch on BasicObjAttrFlags enumeration.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0041E TM: Mismatch on AccessCtlFlags enumeration.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0042E TM: Open directory scan failed: DIR OID = *tm_object_id*, RC = *tm_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0043E TM: Check file on disk failed: OID = *tm_object_id*, RC = *tm_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0044E TM: Fetch directory entry failed: DIR OID = *tm_object_id*, RC = *tm_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0045E TM: Revoke session lock failed: OID = *tm_object_id*, RC = *tm_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0046E TM: An error occurred during the operation. A cluster transition has occurred.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0047E TM: Operation failed because the fileset access mode changed. Old = *tm_access_mode*, New = *tm_access_mode*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0048E The `getObjAttr()` function failed in line *tm_line_number* of file *tm_file_name*. RC = *tm_result_code*.

Explanation

Server is not able to fetch object attributes from the schema manager.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. View the operating system log on the server machine. Check your SAN configuration for problems. Contact Technical Support.

HSTTM0049E Internal error: A grace period was initiated on fileset *tm_fileset_name* (*tm_fileset_id*) that is already in grace period. You might need to restart the server to correct the problem.

Explanation

Subordinate has been asked to open the fileset which is already opened and going through the grace period.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. Check operating system log on the server machine. Check your SAN configuration for problems. Contact Technical Support.

**HSTTM0050E Unable to activate fileset grace period lock filter:
node=*tm_node_id* fileset=*tm_fileset_name* (*tm_fileset_id*).
RC=*tm_result_code*.**

Explanation

Check the return code description to understand this failure.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. Check operating system log on the server machine. Check your SAN configuration for problems. Contact Technical Support.

**HSTTM0051E Start fileset grace period cleaner thread failed:
errno=*tm_result_code*.**

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0052E Committing fileset *tm_fileset_name* (*tm_fileset_id*) to current epoch failed. RC = *tm_result_code*. Fileset will not be accessible. You might need to restart the server to correct the problem.

Explanation

Fileset manager is not able to commit the current epoch. The reason could be lower level transaction manager is not able to update the anchor record.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. View the operating system log on the server machine. Check your SAN configuration for problems. Contact Technical Support.

HSTTM0053W TM immediate message: Ignored message - Message type (*0xtm_msg_type*) 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.

HSTTM0054S tmMsgBuilder:setObjAttr: Insufficient space in message.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0055S CALLHOME: tmMsgBuilder:setObjAttr: Insufficient space in message. The server process is stopping.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0056S File removed from fileset *tm_fileset_name* (*tm_fileset_id*) : *tm_path_name/tm_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.

HSTTM0057S File has blocks that are not valid in fileset *tm_fileset_name* (*tm_fileset_id*) : *tm_path_name/tm_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.

HSTTM0058E TMRP: Error initializing TCP socket.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0059E TMRep: Unable to start TCP listener thread.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0060E TMRep: Error binding port *tm_port_id* to UDP socket.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0061E TMRep: Error connecting STP ping socket to peer *tm_ip_address:tm_port_id*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0062E TM receiver: Peer disconnected from IPaddress=*tm_ip_address*, Port=*tm_port_id*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0063E TM: Error *tm_result_code* setting socket option for acceptor socket.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0064E TM: Listen call failed**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0065E TM: Error accepting new connection.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0066S TMRep: Unable to start TCP receiver thread.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0067I Information. Disconnect_all_clients() callback called from Group Services.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0068S TM: Mismatch on Group Services and STP cluster name lengths.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0072E Unable to send atime publish message to client *tm_client_id*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0074W TM: Expiring overdue lease of client: *tm_client_id*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0075W TM: Removing inactive client: *tm_client_id*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0076I getObjType: Detach In progress. Retry the request for *tm_object_id*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0077W TM process transaction message: Ignored message - Message type (*0x_{tm_msg_type}*) 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.

HSTTM0078E tmUnblockClientAccess failed.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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:0xtm_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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0082E TM: fetchF0VinFileset failed while scanning fileset *tm_fileset_name*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0083E TM: fetchF0VinFileset failed while repositioning in fileset *tm_fileset_name*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0084E Remove file failed: Object ID = *tm_object_id*, RC = *tm_result_code*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0085E Returning partial path: *tm_path_name*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0086E Stop: Returning intermediate path: *tm_path_name*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0087E Continue: Returning tail path: *tm_path_name*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**HSTTM0088I OBSOLETE Last file (not saved): *tm_path_name*
*tm_path_length***

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0089I OBSOLETE Last file (saved): *tm_path_name tm_path_length*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0090E TM: fetch_files_from_directory failed while scanning directory *tm_path_name*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0091E TM: refetch_files_from_directory failed while repositioning in directory *tm_path_name*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0092E TM: refetch_files_from_directory failed while scanning directory *tm_path_name*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0093E File = *tm_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.

**HSTTM0094E startFlashCopyCleaner failed to start pit_cleaner():
Thread ID = *tm_thread_id*****Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0095E No memory for FlashCopy cleaner state**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**HSTTM0096E Open fileset failed for node *dg_node_id*, fileset
tm_fileset_name (*tm_fileset_id*), RC = *dg_result_code*.****Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**HSTTM0097E Lock grace period filter could not be installed for
node *tm_node_id*, fileset *tm_fileset_name* (*tm_fileset_id*), RC =
tm_result_code.****Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0098I Starting lock grace period of *tm_lock_grace_period* seconds on fileset *tm_fileset_id*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0099I Ending lock grace period on fileset. *tm_fileset_id*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0100E Unable to end lock grace period because committing to current epoch failed. Fileset *tm_fileset_id* will be in restricted access mode. This failure might be due to an inability to write to the disks. You might need to restart the server.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0101I Metadata check rescan

Explanation

This is an informative message that tells us about the fileset check and salvage progress. If there was a problem that was salvaged the first time, rescan the ODT to clean up the results of the salvage.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

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

Response for the create directory request is not delivered to the requesting client due to network error or due to invalid client.

Action

Make sure that network and client is healthy. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. View operating system log on the server machine. Check your SAN configuration for problems. Contact Technical Support.

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

Response for the create file request is not delivered to the requesting client due to network error or invalid client.

Action

Make sure that network and client is healthy. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. View the operating system log on the server machine. Check your SAN configuration for problems. Contact Technical Support.

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

Response for the create hard link request is not delivered to the requesting client due to network error or invalid client.

Action

Make sure that network and client is healthy. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. View the operating system log on the server machine. Check your SAN configuration for problems. Contact Technical Support.

HSTTM0105W CreateSymLink: Response not delivered, ToClient
tm_client_id, TxnId *tm_txn_id*, Parent Directory *tm_directory_name*,
Sym Link *tm_symlink_name*

Explanation

Response for the create symbolic link request is not delivered to the requesting client due to network error or invalid client.

Action

Make sure that network and client is healthy. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. View operating system log on the server machine. Check your SAN configuration for problems. Contact Technical Support.

HSTTM0106W BlkDiskAllocate: Response not delivered, ToClient
tm_client_id, TxnId *tm_txn_id*, File *tm_file_name*

Explanation

Response for the block allocation request is not delivered to the requesting client due to network error or invalid client.

Action

Make sure that network and client is healthy. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. View the operating system log on the server machine. Check your SAN configuration for problems. Contact Technical Support.

HSTTM0107W BlkDiskUpdate: Response not delivered, ToClient
tm_client_id, TxnId *tm_txn_id*, File *tm_file_name*

Explanation

Response for the block state update request is not delivered to the requesting client due to network error or invalid client.

Action

Make sure that network and client is healthy. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. View the operating system log on the server machine. Check your SAN configuration for problems. Contact Technical Support.

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

Response for the change name request is not delivered to the requesting client due to network error or invalid client.

Action

Make sure that network and client is healthy. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. View operating system log on the server machine. Check your SAN configuration for problems. Contact Technical Support.

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

Response for the remove name request is not delivered to the requesting client due to network error or invalid client.

Action

Make sure that network and client is healthy. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. View the operating system log on the server machine. Check your SAN configuration for problems. Contact Technical Support.

HSTTM0110W SetBasicObjAttr: Response not delivered, ToClient
tm_client_id, **TxnId** *tm_txn_id*, **Object** *tm_object_id*

Explanation

Response for the set basic object attribute request is not delivered to the requesting client due to network error or invalid client.

Action

Make sure that network and client is healthy. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. View operating system log on the server machine. Check your SAN configuration for problems. Contact Technical Support.

HSTTM0111W SetAccessCtlAttr: Response not delivered, ToClient
*tm_client_id, TxnId tm_txn_id, Object tm_object_id***Explanation**

Response for the set access control attribute request is not delivered to the requesting client due to network error or invalid client.

Action

Make sure that network and client is healthy. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. View operating system log on the server machine. Check your SAN configuration for problems. Contact Technical Support.

HSTTM0112I TM metadata check stopped.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0113E Protocol Transaction Manager metadata check error. RC =
*tm_result_code***Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0114E TM metadata check out of memory**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0115E OBSOLETE Salvage object *tm_object_id***Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0117E OBSOLETE Salvage object removing directory entry *tm_directory_name*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0118E OBSOLETE Fileset object common attributes basic file size is *tm_file_size*. It should be *tm_file_size*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0119E Salvage reclaim entry removing *tm_object_name*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTTM0120E TMFilter: *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 TMFilter: *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 TMFilter: *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 TMFilter: *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 OBSOLETE 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.

HSTVC0001S VCMSG: Internal VCM error: *vcm_result_code*.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTVC0002S VCMSG: Metadata is not compatible with this code version.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTVC0003S VCMSG: An I/O error occurred while reading version control records.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTVC0004S VCMSG: The version control master record 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.

HSTVC0005S VCMSG: The version control present versions record 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.

HSTVC0006S VCMSG: Generation mismatch between version control master and present versions records.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTVC0008S VCMSG: Store of version control records failed with error: *vcm_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

**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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTVC0011S VCMSG: Commit of version control data failed with error: *vcm_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTVC0012S VCMSG: Version control data is corrupt.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTVC0013I VCMSG: Version control data has been repaired.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTVC0014S VCMSG: Version control data repair failed with error *vcm_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTVC0016E VCMSG: Data Incompatible: Index: *vcm_index_value*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTVC0017I VCMMSG: repair(): Master record is newer, applying data to present versions record.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTVC0018I VCMMSG: repair(): Master Record is older, but committed version is same as software, fixing generation.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTVC0019I VCMMSG: repair(): Master Record is older, missed upgradecluster, repairing Master Record.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTVC0020E VCMMSG: A read of version control records failed with error: *vcm_result_code*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTVC0021I Version Control Manager metadata check stopped.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTVC0023E Version control data is corrupt.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTVC0024E Version Control Manager load failed *vcn_result_code***Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTVC0025I Repairing version control data.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTVC0033W VCM: Upgrade cluster failed because not all nodes are running the same software version.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTVC0036I VCM: Upgrade cluster to software version *vcm_version_string* succeeded. No data conversion is necessary.

Explanation

The cluster has been successfully updated to the new software version. No data conversion is necessary.

Action

None.

HSTWA0001E OBSOLETE WAL: Unable to get aligned buffer.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTWA0002E OBSOLETE WAL: Unable to get aligned buffer.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTWA0003E OBSOLETE An error occurred while formatting space on volume ID @1

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTWA0004E OBSOLETE Error @1 locking volumeId @2

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTWA0005E OBSOLETE Unable to get aligned buffer.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTWA0006E OBSOLETE Checkpoint area is not valid, WAL volId=@1, emptyState=@2**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTWA0007E OBSOLETE Unable to start Write-ahead log extender thread.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTWA0008E OBSOLETE Version is not valid, WAL volId=@1, newVersion=@2, oldVersion=@3**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTWA0009E OBSOLETE WAL VolId=@1: Head caught up with tail. No space is available.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTWA0010E OBSOLETE Unable to allocate aligned buffer.**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTWA0011S WAL: Unable to get aligned buffer (install).

Explanation

The metadata server has encountered an unexpected out of memory error while installing the write-ahead-log.

Action

Check your SAN configuration for problems. Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTWA0012S CALLHOME: WAL: Unable to get aligned buffer (install). The server process is stopping.

Explanation

The metadata server has encountered an unexpected out of memory error while installing the write-ahead-log.

Action

Check your SAN configuration for problems. Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTWA0013S WAL: Unable to get aligned buffer (extend).

Explanation

The metadata server has encountered an unexpected out of memory error while extending the write-ahead-log.

Action

Check your SAN configuration for problems. Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTWA0014S CALLHOME: WAL: Unable to get aligned buffer (extend). The server process is stopping.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTWA0015E Error formatting space on volume ID *wal_volume_id*

Explanation

The metadata server has encountered an unexpected I/O error while extending the write-ahead-log.

Action

Check your SAN configuration for problems. Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTWA0016E Error *wal_result_code* locking volume ID *wal_volume_id*.

Explanation

The metadata server has encountered an unexpected I/O error while opening the write-ahead-log.

Action

Check your SAN configuration for problems. Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTWA0017E Unable to get aligned buffer.

Explanation

The metadata server has encountered an unexpected out of memory error while opening the write-ahead-log.

Action

Check your SAN configuration for problems. Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTWA0018S CALLHOME: WAL: Unable to get aligned buffer. The server process is stopping.

Explanation

The metadata server has encountered an unexpected memory error while opening the write-ahead-log.

Action

Check your SAN configuration for problems. Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTWA0019S CALLHOME: WAL: Forced abort in walwriterrep.C, line *wal_line_number*. The server process is stopping.

Explanation

The metadata server has encountered an unexpected write error while opening the write-ahead-log.

Action

Check your SAN configuration for problems. Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTWA0020E Checkpoint area is not valid. Write-ahead log volume ID = *wal_volume_id*, emptyState = *wal_empty_state*

Explanation

The metadata server has encountered a critical error while opening a write-ahead-log. The checkpoint header is corrupt.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTWA0021E Unable to start write-ahead log extender thread.

Explanation

The metadata server has encountered a critical error while trying to change the write-ahead-log size. A thread could not be started.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTWA0022E Version is not valid. Write-ahead log volume ID = *wal_volume_id*, newVersion = *wal_wal_version*, oldVersion = *wal_wal_version*.

Explanation

The specified write-ahead-log volume's persistent version number is larger than the new version specified. This is an internal error.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTWA0024S Unable to allocate aligned buffer.

Explanation

The metadata server has encountered an unexpected out of memory error while replenishing the free list buffers for the write-ahead-log.

Action

Check your SAN configuration for problems. Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTWA0025S CALLHOME: Unable to allocate aligned buffer. The server process is stopping.

Explanation

The metadata server has encountered an unexpected memory error while replenishing the free list buffers for the write-ahead-log.

Action

Check your SAN configuration for problems. Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTWA0026E Error *wal_result_code* locking volume ID *wal_volume_id*

Explanation

The metadata server has encountered an unexpected error while locking the write-ahead-log.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTWA0027E Unable to get aligned buffer.

Explanation

The metadata server has encountered an unexpected out of memory error while initializing the write-ahead-log IO buffer.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTWA0028S CALLHOME: WAL: Unable to get aligned buffer. The server process is stopping.

Explanation

The metadata server has encountered an unexpected out of memory error while initializing the write-ahead-log IO buffer.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTWA0029E Checkpoint area is not valid.

Explanation

The metadata server has encountered a critical error while opening a write-ahead-log. The checkpoint header is corrupt.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTWA0030E Unable to get aligned buffer.

Explanation

The metadata server has encountered an unexpected out of memory error while initializing the write-ahead-log IO buffer.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTWA0031S CALLHOME: WAL: Unable to get aligned buffer. The server process is stopping.

Explanation

The metadata server has encountered an unexpected out of memory error while initializing the write-ahead-log IO buffer.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

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

The specified write-ahead-log volume's persistent tail page number is inconsistent. This is an internal error.

Action

Contact your service representative for assistance.

HSTWA0033E Write-ahead log record header is not valid.

Explanation

The metadata server has encountered an unexpected error while processing the write-ahead-log. The log record header is invalid.

Action

Contact your service representative for assistance.

HSTWA0034E Write-ahead log record epoch is not equal to checkpoint epoch. recordEpoch = *wal_epoch_id* checkpoint epoch = *wal_epoch_id*.

Explanation

The specified write-ahead-log volume's persistent epoch number does not equal the page's epoch number. This is an indication that the end of the log has been reached.

Action

This is an informational message only, and the metadata server has internally corrected the problem. The server log information should be retained and supplied to your service representative.

HSTWA0035E RC = *wal_result_code* making write-ahead log empty.

Explanation

The metadata server has encountered an unexpected IO error while updating the write-ahead-log.

Action

Check your SAN configuration for problems. Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health.

HSTWA0036E Write-ahead log record epoch is not equal to checkpoint epoch. pageEpoch = *wal_epoch_id* checkpoint epoch = *wal_epoch_id*.

Explanation

The specified write-ahead-log volume's persistent epoch number does not equal the page's epoch number. This is an indication that the end of the log has been reached.

Action

This is an informational message only, and the metadata server has internally corrected the problem. The server log information should be retained and supplied to your service representative.

HSTWA0037E OBSOLETE 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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTWA0038E Write-ahead log page header is not valid. Volume ID = *wal_volume_id*, PageUSN = *wal_page_usn*, Bytes used = *wal_byte_count*

Explanation

A sanity check of the remaining bytes left is greater than the maximum. This is an internal error.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

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

This is diagnostic information in the case of an error.

Action

Retain this information and contact your service representative for additional assistance.

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

This is diagnostic information in the case of an error.

Action

Retain this information and contact your service representative for additional assistance.

HSTWA0041S CALLHOME: WAL: Unable to update the version on disk. The server process is stopping.

Explanation

The metadata server has encountered an unexpected IO error while updating the write-ahead-log.

Action

Check your SAN configuration for problems. Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTWA0042E Version is not valid., Write-ahead log volume ID = *cm_wal_volume_id*, newVersion = *cm_wal_version*, oldVersion = *cm_wal_version*.

Explanation

The specified write-ahead-log volume's persistent version number is larger than the new version specified. This is an internal error.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTTM0125E Revoke fileset locks failed due to cluster transition.

Explanation

Cluster transition happened while revoking fileset locks.

Action

Redrive the admin command after the cluster reformation.

HSTTM0126E Revoke fileset 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 fileset 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 fileset 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 fileset 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.

HSTCK0026I Metadata of fileset *fsck_fileset_name* successfully salvaged. View the logs on node *fsck_server_name*

Explanation

IBM SAN File System server successfully found and repaired fileset metadata corruptions.

Action

View the logs on the specified server to view details of the metadata corruption and repair.

HSTCM0806E Cluster Manager volume partition maps table key reserved1 *cm_reserved1* should be 0.

Explanation

The metadata checker 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. This error will still appear in repair mode, 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 0xcm_disk_id was not found.

Explanation

The metadata checker 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. This error will still appear in repair mode, but the problem will be corrected.

HSTCM0809E Check/Salvage Cluster Manager volume partition maps record: verifyDiskId diskID=0xcm_disk_id failed with error cm_result_code

Explanation

The metadata checker 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. This error will still appear in repair mode, 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 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. This error will still appear in repair mode, 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 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. This error will still appear in repair mode, 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 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. This error will still appear in repair mode, 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 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. This error will still appear in repair mode, 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 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. This error will still appear in repair mode, 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 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. This error will still appear in repair mode, 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 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. This error will still appear in repair mode, but the problem will be corrected.

HSTCM0817E Cluster Manager storage pools table reserved1 *cm_reserved1* should be 0.

Explanation

The metadata checker 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. This error will still appear in repair mode, 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 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. This error will still appear in repair mode, 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 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. This error will still appear in repair mode, 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 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. This error will still appear in repair mode, but the problem will be corrected.

HSTCM0821E Cluster Manager logical partitions table physical partition *cm_partition_number* is a duplicate.

Explanation

The metadata checker 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. This error will still appear in repair mode, 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 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. This error will still appear in repair mode, but the problem will be corrected.

HSTCM0823E Check Cluster Manager Destroying Volume Partion Map **Record: Storage Pool *cm_pool_id* (*cm_pool_name*) , Disk 0x*cm_disk_id* ,** **Segment *cm_segno***

Explanation

The metadata checker 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. This error will still appear in repair mode, but the problem will be corrected.

HSTCM0824E Check Cluster Manager Missing Volume Partion Map **Records for: Storage Pool *cm_pool_id* , Disk 0x*cm_disk_id***

Explanation

The metadata checker 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. This error will still appear in repair mode, but the problem will be corrected.

**HSTCM0825W Check CM Info: Cannot validate lookup of fileset
*cm_filesset_name (cm_filesset_id) because it is not served.***

Explanation

The metadata checker attempts to lookup the root of wormhole filesets as a part of metadata validation. If the fileset is not served at the time the system metadata check is initiated, this validation cannot be done. This problem might be caused by metadata corruption.

**HSTCM0826E OBSOLETE Cluster Manager volumes table segment count
*cm_segment_count should be cm_segment_count***

Explanation

The metadata checker 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. This error will still appear in repair mode, but the problem will be corrected.

**HSTCM0827E Cluster Manager storage pools table NULL storage pool
*id (cm_pool_id).***

Explanation

The metadata checker 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. This error will still appear in repair mode, 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 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. This error will still appear in repair mode, 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 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. This error will still appear in repair mode, but the problem will be corrected.

**HSTTM0130I Protocol transaction manager started using
*client_protocol*****Explanation**

The metadata server is using the specified network protocol to listen for client communication.

Action

No action is required. This message is only informational.

HSTGS0183I GS MESSAGE SESSION USING UDP**Explanation**

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTGS0184I GS MESSAGE SESSION USING TCP

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTOP0032E The value for *option_name* can not be changed.

Explanation

The option specified on the command line is one that cannot be changed. This is by design and is hard coded into the server.

Action

No action is required. The option specified was ignored.

HSTCM0831E Check Cluster Manager failure: Cluster Manager filesets table record attach point name is incorrect. Global root fileset should have cluster name *cm_cluster_name* as attach point, but has *cm_name*

Explanation

Cluster Manager filesets table root fileset record attach point name is corrupt.

Action

System metadata check with repair option will repair this corruption.

HSTCM0832I Check Cluster Manager Salvaging Volume Partion Map Record: Storage Pool *cm_pool_id* (*cm_pool_name*) , Disk 0x*cm_disk_id* , Segment *cm_segno*

Explanation

Informational message that the metadata checker is repairing a volume partition maps table record.

Action

No action is required.

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 and use the policy set with the extra service class references removed.

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 and use the policy set with the extra service class references removed.

HSTOP0033E A new thread to run the opt callback method could not be started.

Explanation

There was an error while trying to create a new thread for changing a configuration parameter.

Action

If there are no other problems, reissue the command to change the configuration parameter.

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 metadata server loss.

Action

The defined actions like failover script or admin notification will be started.

HSTCM0835W Error *cm_result_code* during attempt to invalidate subordinate partition-map cache for node: *cm_node_id*, arena: <*cm_fileset_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 might fail if the fileset is not being served at the time the system metadata check is initiated. This problem might be 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

Retry the command or run the metadata checker on the system metadata.

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.

HSTSC0469E Fileset 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 them. Run the metadata check command again to finish.

Action

Run the metadata check command again.

HSTCK0027I Check fileset *fsck_fileset_name***Explanation**

Metadata checker fileset check start message on the subordinate.

Action

No action is required.

**HSTFS0061E Unable to lock page. Error code *result_code*
fileset=*fs_fileset_id* Metadata checker temporary FS Map root
page=*fs_page_number*****Explanation**

The metadata checker was unable to lock a database page. This is likely caused by a conflict with another application.

Action

Run the metadata check again.

**HSTSC0471E Object *sc_object_id* in fileset *sc_fileset_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

Run the metadata checker on the system metadata for the specified fileset.

**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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0838E Cluster Manager *cm_object_name* table newName field *cm_fileset_name* does not match with the fileset name *cm_fileset_name*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0839I Command failed for fileset *cm_fileset_name* because fileset is in grace period.

Explanation

The metadata server provides clients with a grace period to establish their locks after a server failure. Metadata changing administrative commands are not permitted during this grace period.

Action

Run the command again after one minute.

HSTCM0840E Update fileset name on the subordinate failed with RC = *cm_result_code*. fileset *cm_fileset_name* (*cm_fileset_id*) to new name = *cm_fileset_name*

Explanation

The master asked a subordinate to update a fileset's name, but the operation failed.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

**HSTHA0064I The following failover script will be executed:
*failover_script_cmdline***

Explanation

When a metadata server detects the irrecoverable loss of another cluster metadata server, it executes an HA failover action script.

Action

No action is required. Review the server and cluster logs to determine if the failover action was successful. The action will vary depending on whether the lost node was the master server or a subordinate, and the workloads of the lost node and the designated failover node.

HSTHA0065I Launching failover script: *failover_script_cmdline*

Explanation

When a metadata server detects the irrecoverable loss of another cluster metadata server, it executes an HA failover action script.

Action

No action is required. Review the server and cluster logs to determine if the failover action was successful. The action will vary depending on whether the lost node was the master server or a subordinate, and the workloads of the lost node and the designated failover node.

HSTHA0066I The failover script execution completed successfully

Explanation

When a metadata server detects the irrecoverable loss of another cluster metadata server, it executes an HA failover action script.

Action

No action is required. Review the server and cluster logs to determine if the failover action was successful. The action will vary depending on whether the lost node was the master server or a subordinate, and the workloads of the lost node and the designated failover node.

HSTHA0067E The failover script execution failed with return code: *return_code*

Explanation

When a metadata server detects the irrecoverable loss of another cluster metadata server, it executes an HA failover action script.

Action

View log.std and log.failover to determine what failed. The action will vary depending on whether the lost node was the master server or a subordinate, and the workloads of the lost node and the designated failover node.

HSTHA0068I Failover script launched sucessfully. Look in /usr/tank/server/log/log.failover for details. If it does not exist, look in /var/log/messages for more details. NOTE: The failover script will do nothing if it is not enabled. Refer to SAN File System documentation for information on how to enable it.

Explanation

When a metadata server detects the irrecoverable loss of another cluster metadata server, it executes an HA failover action script.

Action

No action is required. Review the server and cluster logs to verify the failover actions. The action will vary depending on whether the lost node was the master server or a subordinate, and on the workloads 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 look in /var/log/messages for more details. NOTE: The failover script will do nothing if its not enabled. Refer to SAN File System documentation for information on how to enable it.

Explanation

When a metadata server detects the irrecoverable loss of another cluster metadata server, it executes an HA failover action script.

Action

View log.std and log.failover to determine what failed. The action will vary depending on whether the lost node was the master server or a subordinate, and on the workloads of the lost node and the designated failover node.

HSTHA0070I Unable to fork failover script execution thread.

Explanation

The Metadataserver was unable to create a thread to execute the failover script.

Action

View the server logs.

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 metadata server detects the irrecoverable loss of the master metadata server, it might 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 is required. View the server and cluster logs. If the network partition is repaired and connectivity with the master is restored, the subordinate will automatically re-join the cluster.

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 of the nodes during the start workload after the cluster formation is complete. Currently the master server cannot shut down the inconsistent node. The master server must quit.

Action

Perform the following actions. - Reboot the inconsistent node. - Start the master server. - Start the inconsistent node. If you are still getting this failure, 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 look up a specified storage pool ID, but it was not found.

Action

If you are not sure what caused this message, contact your service representative.

HSTCM0843E Addserver: Failed. The cluster is in transition, run this command later.

Explanation

Cannot addserver while the cluster is in transition.

Action

Retry the operation after cluster transition finishes.

HSTCM0844E Dropserver: Failed. The cluster is in transition, run this command later.

Explanation

Cannot dropserver while the cluster is in transition.

Action

Retry the operation after cluster transition concludes.

HSTCM0845E Shutdownserver: Failed. The cluster is in transition, run this command later.

Explanation

Cannot shutdownserver while the cluster is in transition.

Action

Retry the operation after cluster transition concludes.

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 stopped a long transaction.

Action

If you are not sure what caused this message, 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 detected a potentially long transaction.

Action

This is just a warning alert. Be aware of possible long transaction exits. 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 detected a potentially long transaction.

Action

This is just a warning alert. Be aware of possible long transaction exits. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0846E CM Master: isFilesetOnStoragePool() - 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 occurs again, contact your service representative.

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.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

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.

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. This error will still appear in repair mode, 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 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. This error will still appear in repair mode, 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 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. This error will still appear in repair mode, 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 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. This error will still appear in repair mode, 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 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. This error will still appear in repair mode, 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 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. This error will still appear in repair mode, 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 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. This error will still appear in repair mode, 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 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. This error will still appear in repair mode, 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 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. This error will still appear in repair mode, but the problem will be corrected.

HSTCM0856E Cluster Manager policy set fileset applicability table: Fileset applicability count *cm_appl_count* should have been *cm_appl_count*.

Explanation

The metadata checker 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. This error will still appear in repair mode, 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 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. This error will still appear in repair mode, 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 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. This error will still appear in repair mode, 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 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. This error will still appear in repair mode, 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 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. This error will still appear in repair mode, 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 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. This error will still appear in repair mode, 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 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. This error will still appear in repair mode, but the problem will be corrected.

**HSTCM0863I Destroying Cluster Manager policy sets record:
<PolicyId=*cm_policy_name*>**

Explanation

The metadata checker 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 found a problem with a policy set and repaired it.

Action

Make sure the policy set is correct.

HSTTM0132I OBSOLETE Deleted object *tm_object_id* for salvage.**Explanation**

The metadata checker salvaged a corrupted object by deleting it.

Action

View the logs on the specified server to view details of the metadata corruption and repair.

**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 no longer exists.

Action

The file data is now stored in the default pool instead of the original pool because that pool no longer exists.

HSTSC0473I Deleted directory key with name *sc_object_name* for salvage.**Explanation**

The metadata checker salvaged a corrupted object by deleting it.

Action

View 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

View the logs on specified server to view details of the metadata corruption. You might need to restore the object from a backup.

**HSTFS0062E Fileset free space map leaf bits
0xfs_free_space_bit_mask should be *0xfs_free_space_bit_mask*
Fileset=*fs_fileset_name* (*fs_fileset_id*), FS Map page=*fs_page_number*
Vector index=*fs_vector_index***

Explanation

The metadata checker detected that 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. This error will still appear in repair mode, but the problem will be corrected.

**HSTLV0193E LVM: verify_volumes: Number of LVM disks
(*DiskTableCount*), != number of GIO disks (*SystemDiskCount*).**

Explanation

The server did not find the correct number of system disks. The log message indicates the number that it expects (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 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.

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 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. View the logs to determine if more critical errors have occurred.

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.

HSTSC0475E Salvage Free Space Map Leaf failure: Commit transaction failed with Error = *sc_result_code*. Fileset=*fs_fileset_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. If the error occurs again, contact your service representative.

HSTCM0868E undo_fileset_detach() of fileset *cm_fileset_name* (*cm_fileset_id*) failed with *cm_result_code*. Try using attachfileset *cm_fileset_name*

Explanation

This is an internal error. An error occurred while trying to revert from a failed fileset detach.

Action

Retry the operation. If the error occurs again, contact your service representative.

HSTCM0869E CM Redo Actions table, Delete fileId = (*cm_fileset_id*) found in Filesets table.

Explanation

Metadata checker has found a fileset entry in the fileset 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 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. This error will still appear in repair mode, 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 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. This error will still appear in repair mode, 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. 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 created a new storage pool to be the default because 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_result_code*.**Explanation**

The metadata checker has failed to create a new default storage pool when the table was empty.

Action

Repeat the metadata check. If the error persists, contact your service representative.

HSTTM0133E Metadata fileset salvage failed on rescan.**Explanation**

Metadata checker detected that it could not salvage the fileset in two passes. This could mean that the fileset has a corruption that causes cascaded salvage of objects in every pass.

Action

Retry the operation. If the error occurs again, contact your service representative. The fileset might be severely corrupted and might need to be removed. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. View the operating system log on the server machine. Check your SAN configuration for problems. Contact Technical Support.

HSTTM0134E OBSOLETE Metadata fileset salvage done too many times on same object *tm_object_id*.**Explanation**

Metadata checker detected that it could not salvage the object in five consecutive passes.

Action

Retry the operation. If the error occurs again, contact your service representative. The object might be severely corrupted and might need to be removed.

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.

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. If the error persists, contact your service representative.

HSTBT0010S Root page is not a valid page.

Explanation

The metadata checker 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.

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*.

Explanation

The metadata checker found a problem with an arena. The storage pool record is missing.

Action

Run the metadata checker in salvage mode to try to 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 found a problem with an arena. The allocation size is incorrect.

Action

Run the metadata checker in salvage mode to try to repair the problem.

HSTCM0880I Salvaging Cluster Manager arena record: Arena filesset=*cm_filesset_name* (*cm_filesset_id*), stgpool=*cm_pool_name* (*cm_pool_id*).

Explanation

The metadata checker found a problem with an arena and repaired it.

Action

Run the metadata checker again to ensure that no further corruption exists. Run the metadata checker on the filesset in question to ensure that no corruption exists in the filesset.

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 found a problem with an arena. The backup capacity field is incorrect.

Action

Run the metadata checker in salvage mode to try to 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 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. This error will still appear in repair mode, but the problem will be corrected.

HSTCM0883E OBSOLETE Destroy Cluster Manager *cm_table* record
failure: Delete from *cm_table* table failed with error *cm_result_code*

Explanation

The metadata checker found a problem with a system table and could not repair it.

Action

Retry the operation. If the error occurs again, contact your service representative.

HSTSC0476E OBSOLETE Salvage object *sc_object_id*

Explanation

The metadata checker salvaged an object. The object was corrupt and needed 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. Salvage implies that the object is set to a consistent state. It does not imply that the object is set to a previous state. The object might need to be recovered from backup.

HSTSC0477E OBSOLETE Object *sc_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.

HSTSC0478E Salvage directory object, removing directory entry.
Directory object *sc_object_id* entry object *sc_object_id*

Explanation

The metadata checker salvaged a directory. The directory was corrupt and needed 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 objects in the directory should be notified.

HSTSC0479E Fileset directory object parent directory incorrect
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.

HSTSC0480I Deleted object *sc_object_id* for salvage.

Explanation

The metadata checker has salvaged a corrupted object by deleting it.

Action

View the logs on specified server to view details of the metadata corruption and repair.

HSTSC0481E Metadata fileset salvage done too many times on same object *sc_object_id*.

Explanation

Metadata checker 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 might need to be removed.

HSTTM0135E FlashCopy cleaner: Unable to clean object *cm_object_id* in fileset *cm_fileset_name*, RC = *om_result_code*

Explanation

An error occurred while trying to perform garbage collection on removed FlashCopy images. As a result an object could not be processed.

Action

Contact your service representative.

HSTSC0482E FlashCopy cleaner: Internal Error: Entry still exists for object *cm_fileset_id.cm_object_id., BirthEpochId: *sc_epoch_id*, DeathEpochId: *sc_epoch_id***

Explanation

An internal error occurred while trying to perform garbage collection on removed FlashCopy images. An object had been reported as successfully processed, however subsequent verification found unprocessed records.

Action

Contact your service representative. Do not execute the mkimage command until you have contacted your service representative.

HSTSC0483I FlashCopy cleaner: Do not execute the mkimage command on fileset *cm_fileset_name* until you have contacted your service representative.

Explanation

Contact your service representative before you execute the mkimage command on the specified fileset.

Action

Contact your service representative. Do not execute the mkimage command until you have contacted your service representative.

HSTSC0484I FlashCopy cleaner: Do not execute the reverttoimage command on fileset *cm_fileset_name* until you have contacted your service representative.

Explanation

Contact your service representative before you execute the reverttoimage command on the specified fileset. You can execute the mkimage command as long as you do not execute the reverttoimage command first.

Action

Contact your service representative. Do not execute the reverttoimage command until you have contacted your service representative.

HSTSC0485I FlashCopy cleaner: Contact your service representative. *cm_fileset_name*.

Explanation

Contact your service representative. IBM recommends that you run the checkmetadata command.

Action

Contact your service representative.

HSTCM0884E Server *gs_node_name* (*cm_node_id*) has one or more filesets in a lock grace period.

Explanation

This server has at least one fileset in a lock grace period. Locks cannot be revoked at this time, meaning the cluster cannot go to quiescent mode.

Action

Wait until the grace periods have all expired and try the command again.

HSTSC0486E Object attribute checksum is incorrect.

Explanation

The metadata checker has found a problem with an object's attribute checksum.

Action

If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. This error will still appear in repair mode, but the problem will be corrected.

HSTSC0487E Inline STE bit vector is incorrect.

Explanation

The metadata checker has found a problem with a file's live or shared bit vector.

Action

If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. This error will still appear in repair mode, but the problem will be corrected.

HSTTM0136I FlashCopy cleaner: processing fileset *cm_fileset_name*.

Explanation

The FlashCopy cleaner has started cleaning the specified fileset.

Action

No action is required.

HSTTM0137I FlashCopy cleaner: finished processing fileset
cm_filesset_name.

Explanation

The FlashCopy cleaner has finished cleaning the specified fileset.

Action

No action is required.

HSTSC0488E Fileset file object segment header *sc_error_message*
storage pool id: *cm_stg_pool_id*

Explanation

The segment table entry in the specified file is corrupt and the file needs to be salvaged. This message reports the segment header storage pool ID.

Action

The contents of the file will need to be recreated or restored from backup.

HSTSC0489I Block at vbn *cm_virtual_block_number* in file
***cm_filesset_id.cm_object_id* is corrupt and needs to be salvaged.**

Explanation

The block at the specified offset in the specified file is corrupt and the file needs to be salvaged.

Action

The contents of the file will need to be recreated or restored from backup.

HSTSC0490I Block salvaged at vbn *cm_virtual_block_number* in file
cm_filesset_id.cm_object_id

Explanation

The block at the specified offset in the specified file was salvaged.

Action

A corrupt block in the file has been removed from the file. The contents of the file will need to be recreated or restored from backup.

HSTSC0491I Block count salvaged for file *cm_filesset_id.cm_object_id*

Explanation

The block count for the specified file was salvaged.

Action

No action is required.

HSTSC0492E Schema corruption detected in fileset *sc_fileset_name* (*sc_fileset_id*, *sc_pool_id*): arena capacity *sc_arena_capacity*, FSmap limit *sc_fshighbit*.

Explanation

There is a problem with the allocation schema of some objects.

Action

Contact support immediately.

HSTSC0493E FlashCopy cleaner: Error *sc_result_code* returned while cleaning object *cm_fileset_id.cm_object_id. in fileset *cm_fileset_name*.**

Explanation

An error was encountered while the FlashCopy cleaner was cleaning an object.

Action

If this error persists, contact your service representative.

HSTSC0494I Directory entry removed for missing object *cm_fileset_name cm_object_id* from directory *cm_object_id*

Explanation

The metadata checker salvaged a directory because an entry referenced an object that does not exist.

Action

No action is required.

HSTSC0495I Directory entry should be removed for missing object *cm_fileset_name cm_object_id* from directory *cm_object_id*

Explanation

The metadata check is in scan only mode. The directory is corrupt because an entry references an object that does not exist. It needs to be salvaged to solve and/or prevent errors.

Action

To salvage the object, run the metadata checker in salvage mode.

HSTSC0496E Salvage object *sc_fileset_name* *sc_object_id***Explanation**

The metadata checker salvaged an object. The object was corrupt and needed 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. Salvage implies that the object is set to a consistent state. It does not imply that the object is set to a previous state. The object might need to be recovered from backup.

HSTSC0497E Object *sc_fileset_name* *sc_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.

HSTFS0063E Free Space Map: deallocation requested for unallocated blocks, index id: *0xfs_index_id*, start: *0xfs_start_block*, count: *fs_block_count*.**Explanation**

A request was made to deallocate a block from a user storage pool, but the block was not allocated.

Action

Contact your service representative.

HSTSC0498E Block deallocation failed. Fileset: *sc_fileset_name*, storage pool: *sc_storage_pool_name*, Arena: *sc_fileset_id:sc_storage_pool_id*, File: *sc_object_id*, segment: *sc_segment_number*, rbn: *sc_relative_block_number*, arena offset: *sc_arena_offset*, count: *block_count*, error: *sc_result_code***Explanation**

A request was made to deallocate a block from a user storage pool, but the block was not allocated.

Action

Contact your service representative.

HSTGS0188I The Master has been manually stopped. Failover action will occur since it is enabled. Check the failover log for details.

Explanation

When we issue stopserver on the master then it is an administrative shutdown rather than a loss. If failover is enabled, the failover script is executed.

Action

No action is required, but review server and cluster logs.

HSTGS0189I The Master has been manually stopped. Failover action will not occur since it is disabled.

Explanation

When we issue stopserver on the master then it is an administrative shutdown rather than a loss. If failover is disabled, the failover script does not get executed.

Action

No action is required, but review server and cluster logs.

HSTGS0190I IRRECOVERABLE LOSS BUT FAILOVER DISABLED, no action

Explanation

If failover policy is disabled then automatic recovery is not initiated.

Action

No action is required, but review server and cluster logs.

HSTSC0499E Fileset symbolic link table data version for key = *sc_object_id* is not valid. The invalid version is *scSymLinkTable_Version* , but valid version is *scSymLinkTable_Version*.

Explanation

The metadata checker found the version field in a symlink table entry to be invalid.

Action

If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. This error will still appear in repair mode, but the problem will be corrected.

HSTSC0500E Failed to replace a symbolic link table entry for key = *sc_object_id* , RC = *om_result_code*

Explanation

The metadata checker was unable to replace a symlink table entry to be invalid.

Action

Retry the operation. If the error recurs, contact your service representative.

HSTSC0501I Deleted directory name key with name *sc_object_name* for salvage.

Explanation

The metadata checker has salvaged a corrupted object by deleting it.

Action

View the logs on specified server to view details of the metadata corruption and repair.

HSTSC0502E Salvage directory name key with name *sc_object_name* failed with error *sc_result_code*.

Explanation

The metadata checker failed to salvage a corrupted object.

Action

View the logs on specified server to view details of the metadata corruption. You might need to restore the object from a backup.

HSTSC0503E The version number is incorrect for STSD data table entry. Object ID=*CM::LocalId* Incorrect version = . Correct version =

.

Explanation

The metadata checker detected a corrupted version field in an STSD data table record.

Action

If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. This error will still appear in repair mode, but the problem will be corrected.

HSTSC0504E Replace record failed during salvage in an STSD data table record. Object ID = *CM::LocalId* rc = *sc_result_code*. failed with error

Explanation

Replace record failed during salvage in an STSD data table record.

Action

View the logs on specified server to view details of the metadata corruption. You might need to restore the object from a backup.

HSTSC0505E The version number is incorrect for STSD hash table entry. Object ID=*CM::LocalId* Incorrect version = . Correct version = .

Explanation

The metadata checker detected a corrupted version field in an STSD hash table record.

Action

If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. This error will still appear in repair mode, but the problem will be corrected.

HSTSC0506E Replace record failed during salvage in an STSD hash table record. Object ID = *CM::LocalId* rc = *sc_result_code*. failed with error

Explanation

Replace record failed during salvage in an STSD hash table record.

Action

View the logs on specified server to view details of the metadata corruption. You might need to restore the object from a backup.

HSTSC0507E Fileset STSD data table key segment number is not valid

Explanation

The metadata checker detected a corrupted version field in an STSD data table record.

Action

If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. This error will still appear in repair mode, but the problem will be corrected.

HSTSC0508E Fileset symlink table entry missing 1 or more objects

Explanation

The metadata checker detected that a symlink overflow table record had an entry in which the number of referencing objects did not match the number of live images.

Action

If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. This error will still appear in repair mode, but the problem will be corrected.

HSTSC0509E Fileset STSD data table entry missing 1 or more objects

Explanation

The metadata checker detected that an STSD data table record had an entry in which the number of referencing objects did not match the number of live images.

Action

If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. This error will still appear in repair mode, but the problem will be corrected.

HSTSC0510E Fileset STSD hash table entry missing 1 or more objects

Explanation

The metadata checker detected that an STSD hash table record had an entry in which the number of referencing objects did not match the number of live images.

Action

If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. This error will still appear in repair mode, but the problem will be corrected.

HSTGS0191E The setmaster operation is not supported by the software version the cluster is running (gs_version= *gs_version*).

Explanation

The release 1.0 capability of manually setting the static master metadata server is not allowed in releases that support a dynamic master election model.

Action

No action is required. Refer to the documentation relating to dynamic master election.

HSTGS0192I Subordinate metadata server *s_name* has lost the master metadata server *m_name*. Attempting to become the new master.

Explanation

A subordinate metadata server lost contact with the master metadata server and is attempting to become the new cluster master.

Action

View the cluster logs to verify that the fault causing the loss of the cluster master has been resolved. Refer to the documentation about dynamic master election.

HSTGS0193W A cluster transition was attempted while another transition is in progress.

Explanation

A cluster transition was attempted while another transition was already in progress. Transition request rejected.

Action

No action required.

HSTGS0194I A cluster transition has been initiated

Explanation

A cluster transition has been initiated

Action

No action required. Informational only.

HSTGS0195I Failed to get the cluster quorum. This metadata server will not become the master metadata server.

Explanation

A node failed to acquire the cluster quorum to allow it to reform the cluster as master.

Action

No action required. This is expected behavior in certain cases where more than one node is attempting to become the cluster master.

HSTGS0196I Subordinate metadata server has aquired cluster quorum and is demoting the master.**Explanation**

A Subordinate metadata server has succesfully acquired the cluster quorum and demoted the existing master metadata server. This subordinate will become the new cluster master and reform the cluster with reachable peer metadata server.

Action

No action required. Informational only.

HSTGS0197E This metadata server does not have IP network connectivity for IP addr *ip*.**Explanation**

An metadata server is attempting to re-form the cluster and has detected that it does not have IP network connectivity. An metadata server without network connectivity cannot reform the cluster.

Action

Verify that the network interface that the IP address is bound is physically connected to the network and that the interface has been started.

HSTGS0198I Received the addserver message from the master metadata server. The local metadata server is being added.**Explanation**

A NotAdded metadata server has received notification from the master metadata server that it is being added to the cluster.

Action

No action. Informational only.

HSTGS0199E Addserver failed due to unsupported GS protocol version. Local metadata server cannot understand the GS version that the cluster is running (*cluster_ver*).**Explanation**

The local metadata server does not understand the GS protocol version that the cluster is currently running. The addserver request has been rejected due to a GS protocol mismatch.

Action

Install a version of the SAN File System software on the local node that supports the GS protocol version that the cluster is running.

HSTGS0200E The network connectivity check failed because the interface *name (ip)* is not operational.

Explanation

The network connectivity check has determined that the network interface on the SAN File System metadata server engine is not configured correctly.

Action

Configure the network interface and make it operational.

HSTGS0201E The network connectivity check failed because physical link for interface *name (ip)* could not be verified.

Explanation

The network connectivity check has determined that the network interface on the SAN File System metadata server engine is not physically connected.

Action

Check SAN File System engine network cable and network interface for correct connection.

HSTCM0885E Cluster Manager volumes table flags field *cm_volume_flags* should be *cm_volume_flags*

Explanation

The flags field in a volume record was corrupt.

Action

Run the metadata checker again in repair mode to correct the problem.

HSTLV0196E LVM master updateDisk(): Disk is was not larger than previous configuration.

Explanation

A request was made to grow a system disk but the physical disk size has not increased.

Action

Verify the disk configuration in the SAN and run the command again.

HSTTM0138E CreateFIFO: Response not delivered, ToClient

tm_client_id, TxnId *tm_txn_id*, Parent Directory *tm_directory_name*,
FIFO object name *tm_fifo_name*

Explanation

Response for the create FIFO object request is not delivered to the requesting client due to network error or due to invalid client.

Action

Make sure that network and client is healthy. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. View the operating system log on the server machine. Check your SAN configuration for problems. Contact Technical Support.

**HSTSC0511E FIFO object file size is incorrect. Current size=
sc_common_attrib_size should be equal to *sc_common_attrib_size*****Explanation**

The metadatchecker has found a FIFO object with an incorrect file size.

Action

If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. This error will still appear in repair mode, but the problem will be corrected.

**HSTSC0512E FIFO object common attributes basic block count is
incorrect. Current count= *sc_block_count* should be equal to
*sc_block_count*****Explanation**

The metadatchecker has found a FIFO object with an incorrect block count.

Action

If the metadata checker was only run in scan mode, run the metadata checker in repair mode to correct the problem. This error will still appear in repair mode, but the problem will be corrected.

HSTDB0036I Real Time Monitor thread has started.**Explanation**

The Real Time Monitor succesfully started.

Action

The Real Time Monitor can be used now.

HSTDB0037E Monitor thread failed to start.

Explanation

The Real Time Monitor failed to start due to thread startup failure.

Action

Freeing up memory resources should help avoiding this problem.

HSTDB0038E Socket failed to open in Real Time Monitor.

Explanation

The Real Time Monitor failed to start due to socket failure.

Action

Verify network configuration.

HSTDB0039W Real Time Monitor failed to send packet.

Explanation

The Real Time Monitor failed to send packet over a network.

Action

Verify network configuration.

HSTCM0886E Request to start long running process request of type *cm_cmd_type* on node *cm_node_id* failed with error *cm_result_code*.

Explanation

The node failed to successfully submit a request to start a long running process. Examine the error code to determine why.

Action

If the long running process is part of running an admin command, try the command again. If the long running process was part of an internal command, it will be resolved automatically.

HSTLV0197E Request to start long running process request on node *lvm_node_id* of type *lvm_cmd_type* failed with error *lvm_result_code*.

Explanation

The node failed to successfully submit a request to start a long running process. Examine the error code to determine why.

Action

If the long running process is part of running an admin command, run the command again. If the long running process was part of an internal command, it will be resolved automatically.

HSTLV0198E Error encountered while sending long running process ping message to node ID = *lvm_node_id* for command type = *lvm_cmd_type*, RC = *lvm_result_code*

Explanation

The node failed to successfully ping the node serving the long running process request, and cannot determine if progress is still being made on the request.

Action

The node will try to ping two more times. If they both fail, the long running process will be stopped.

HSTLV0199E Error long running process failed: Cluster failure.

Explanation

A cluster transition occurred before the long running process was completed, and the long running process was stopped.

Action

If the long running process is part of running an admin command, run the command again. If the long running process was part of an internal command, it will be resolved automatically.

HSTGS0202I Failover script failed with error code = *error_code*,

Explanation

When a rogue server is detected, a failover script is invoked to shut it down and prevent corruption of metadata and preserve consistency of the cluster.

Action

Check the failover log for details.

HSTGS0203I Cluster Failover failed with error code = *error_code*,

Explanation

Failover due to a rogue server resulted in an error.

Action

Contact Technical Support

HSTSC0513I Segment table entry *sc_file_segment_virtual_segment_no* in file *sc_container_name sc_object_id* is corrupt and needs to be salvaged.

Explanation

The segment table entry in the specified file is corrupt and the file needs to be salvaged.

Action

The contents of the file will need to be recreated or restored from backup.

HSTSC0514I STE *sc_file_segment_virtual_segment_no* salvaged in file *sc_container_name sc_object_id*

Explanation

The block at the specified offset in the specified file was salvaged.

Action

A corrupt block in the file has been removed from the file. The contents of the file will need to be recreated or restored from backup.

HSTSC0515E Salvage STE *sc_file_segment_virtual_segment_no* in file *sc_container_name sc_object_id*

Explanation

Some blocks have been lost in the specified file. The file was salvaged and no longer includes them.

Action

The contents of the file will need to be recreated or restored from backup.

HSTFS0064E Metadata checker found used space that is not in the free space map FilesetId=*fs_container_id*

Explanation

Some or all of the salvage messages preceding this message are for blocks that are not in the free space map.

Action

Corrupt blocks in some files have been removed from the files. The contents of the files will need to be recreated or restored from backup.

HSTFS0065E Unable to access page *fs_result_code*
FilesetId=*fs_container_id* FS Map page=*fs_page_number*

Explanation

This is an internal error. The metadata server was not able to access a page that should have been in its buffer cache.

Action

View the server logs to determine the cause of the fault. If the cause is not obvious, contact your service representative. If you were running the metadata checker when this error was reported, retry the operation.

HSTFS0066E Unable to lock page. *fs_result_code*
FilesetId=*fs_container_id* FS Map root page=*fs_page_number*

Explanation

The metadata server encountered an error while attempting to lock an index page in its buffer cache.

Action

View the server logs to determine the cause of the fault. If the cause is not obvious, contact your service representative. If you were running the metadata checker when this error was reported, retry the operation.

HSTFS0067E Unable to access page *fs_result_code*
FilesetId=*fs_container_id* FS Map page=*fs_page_number*

Explanation

This is an internal error. The metadata server was not able to access a page that should have been in its buffer cache.

Action

View the server logs to determine the cause of the fault. If the cause is not obvious, contact your service representative. If you were running the metadata checker when this error was reported, retry the operation.

HSTFS0068E Unable to lock page *fs_result_code*
FilesetId=*fs_container_id* FS Map page=*fs_page_number*

Explanation

The metadata server encountered an error while attempting to lock an index leaf page in its buffer cache.

Action

View the server logs to determine the cause of the fault. If the cause is not obvious, contact your service representative. If you were running the metadata checker when this error was reported, retry the operation.

HSTFS0069E Unable to access page *fs_result_code* Fileset=*fs_container_id* FS Map page=*fs_page_number*

Explanation

This is an internal error. The metadata server was not able to access a page that should have been in its buffer cache.

Action

View the server logs to determine the cause of the fault. If the cause is not obvious, contact your service representative. If you were running the metadata checker when this error was reported, retry the operation.

HSTFS0070E Unable to apply salvage *fs_result_code* FilesetId=*fs_container_id* FS Map page=*fs_page_number*

Explanation

Unable to apply the salvage operation to disk and write to the log.

Action

Resolve the error code and run the metadata checker again.

HSTSC0516E Fileset object common attributes basic file size is incorrect. *sc_common_attrib_size* should be *sc_common_attrib_size*

Explanation

A directory did not have the right number of entries in it. In salvage mode the directory size will be fixed.

Action

If the metadata check is in scan mode, run it in salvage mode to fix the size.

HSTGS0204I UPGRADE: Group Services is performing an upgrade from version *gs_current_ver* to version *gs_upgrade_ver*

Explanation

The cluster is being upgraded from one software version to another.

Action

No action is required. This message is informational only.

HSTGS0205I UPGRADE: Quorum Disk Lock has been installed during GS upgrade.

Explanation

The cluster is being upgraded from one software version to another.

Action

No action is required. This message is informational only.

HSTGS0206I UPGRADE: Group services has completed upgrading from version *gs_current_ver* to version *gs_upgrade_ver*.

Explanation

The cluster upgrade has completed.

Action

No action is required. This message is informational only.

HSTGS0207I UPGRADE: A disruptive cluster scope configuration parameter was updated. This server must go down and re-start for the disruptive parameter change to take effect.

Explanation

The local value of a disruptive cluster scoped parameter was found to be out of sync with the master. This node has applied the new setting for the cluster scoped parameter, but must re-start in order for that setting to take effect.

Action

Ensure that the metadata server stopped, re-started and rejoined the cluster. The re-start will only happen automatically if the admin autorestart capability was enabled on this node. The verify the state of autorestart use the `sfscli lsautorestart` command

HSTGS0208E Initializing the shared configuration sectors failed during install, rc= *ret_code*.

Explanation

The initialization of shared configuration sectors has failed during a SAN File System install.

Action

Inspect log files and determine why the metadata server is not able to read/write the system master device that is specified on the command line used to install the SAN File System cluster.

HSTGS0209E Failed to commit the upgrade with error code *ret_code*.**Explanation**

An error occurred while committing VCM during the upgrade cluster command.

Action

View the server logs to determine the nature of the fault. Once the reason for the fault is resolved, the upgradecluster command can be issued again.

HSTGS0210E Master metadata server failed to reform the cluster during the upgradecluster operation with error code *ret_code*.**Explanation**

The upgrade cluster operation committed successfully with the Version Control Manager. However, a fault has occurred during the subsequent group transition that coordinates the upgrade of all other metadata server components and GS itself.

Action

View the server logs to determine the cause of the fault. The upgradecluster command has committed with the Version Control Manager, so the next successful group transition will complete the upgrade automatically, and there is no need to re-issue the upgradecluster command.

HSTHA0071I Unable to fork shutdown script execution thread.**Explanation**

The High Availability Manager was unable to create a thread to execute the shutdown script.

Action

View the server logs.

HSTHA0072I Stopengine script executed successfully. Look in /usr/tank/server/log/log.stopengine for details. If it does not exist then look in /var/log/messages for more details**Explanation**

When a metadata server detects the existence of a rogue server, it executes a stopengine script to shut it down.

Action

No action required, review server and cluster logs to verify the stopengine actions.

HSTHA0073E Stopengine script execution failed with return code: *return_code* Look in /usr/tank/server/log/log.stopengine for details. If it does not exist then look in /var/log/messages for more details

Explanation

When a metadata server detects the existence of a rogue server, it executes a stopengine script to shut it down.

Action

Check log.std and log.stopengine to see what failed.

HSTHA0074I Launching failover script: *stopengine_script_cmdline*

Explanation

When a metadata server detects the existence of a rogue server, it executes an HA stopengine script to shut it down.

Action

No action is required. Review server and cluster logs to see if the stopengine action was successful.

HSTHA0075I Invalid script type *script_type*

Explanation

Action

No action is required. Review server and cluster logs.

HSTGS0211I The following failover script will be executed: *failover_script_cmdline*

Explanation

When a metadata server detects the irrecoverable loss of another cluster metadata server, it executes an HA failover action script.

Action

No action is required. Review server and cluster logs to see if the failover action was successful. The action will vary depending on whether the lost node was the master server or a subordinate, and depending on the workloads of the lost node and the designated failover node.

HSTGS0212I Launching failover script: *failover_script_cmdline*

Explanation

When a metadata server detects the irrecoverable loss of another cluster metadata server, it executes an HA failover action script.

Action

No action is required. Review server and cluster logs to see if the failover action was successful. The action will vary depending on whether the lost node was the master server or a subordinate, and depending on the workloads of the lost node and the designated failover node.

HSTGS0213I The failover script execution completed sucessfully

Explanation

When a metadata server detects the irrecoverable loss of another cluster metadata server, it executes an HA failover action script.

Action

No action is required. Review server and cluster logs to see if the failover action was successful. The action will vary depending on whether the lost node was the master server or a subordinate, and depending on the workloads of the lost node and the designated failover node.

HSTGS0214E The failover script execution failed with return code: *return_code*

Explanation

When a metadata server detects the irrecoverable loss of another cluster metadata server, it executes an HA failover action script.

Action

Check log.std and log.failover to see what failed. The action will vary depending on whether the lost node was the master server or a subordinate, and depending on the workloads of the lost node and the designated failover node.

HSTGS0215I Failover script launched sucessfully for server: *servername*. Look in /usr/tank/server/log/log.failover for details. If it does not exist then look in /var/log/messages for more details NOTE: The failover script will do nothing if its not enabled. Refer to SAN File System documentation for information on how to enable.

Explanation

When a metadata server detects the irrecoverable loss of another cluster metadata server, it executes an HA failover action script.

Action

No action is required. Review server and cluster logs to see if the failover action was successful. The action will vary depending on whether the lost node was the master server or a subordinate, and depending on the workloads of the lost node and the designated failover node.

HSTGS0216E Failover script launch failed for server: *servername* with return code: *return_code* Look in */usr/tank/server/log/log.failover* for details. If it does not exist then look in */var/log/messages* for more details NOTE: The failover script will do nothing if its not enabled. Refer to SAN File System documentation for information on how to enable.

Explanation

When a metadata server detects the irrecoverable loss of another cluster metadata server, 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.

HSTGS0217I 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.

HSTCM0887W Client *clientName* does not have access to *count* volume(s) in storage pool *stgPoolName*.

Explanation

The specified client can see some but not all volumes in the specified storage pool. The server log contains a list of these volumes.

Applications running on the client may get I/O errors while accessing part or all of a file. If the application does not handle these errors gracefully, data loss or data corruption could result.

Action

It is likely that either the client or the SAN is misconfigured. Verify that the client and SAN are properly configured.

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

**HSTCM0888W Failed to broadcast get volume information for diskId
0xcm_disk_id RC=*rc***

Explanation

An error occurred while requesting volume lists from all clients.

Action

The problem might be due to low system resources or network connectivity problems. If this error persists, contact your service representative.

**HSTCM0889W Failed to broadcast get lun information for format '
lunIdFormat ', lunId '*lunId* ', RC=*rc***

Explanation

An error occurred while requesting information about a lun from all clients.

Action

The problem might be due to low system resources or network connectivity problems. If this error persists, contact your service representative.

HSTCM0890W Failed to broadcast get lun list message, RC=*rc*

Explanation

An error occurred while requesting LUN lists from all clients.

Action

The problem might be due to low system resources or network connectivity problems. If this error persists, contact your service representative.

**HSTCM0891I Unable to use format='*lun_format*' , lunId='*lun_id*' as a
system volume. Try again later.**

Explanation

The specified LUN was previously the target of a mkvol command that failed due to lost client connectivity. Until the metadata server can confirm from the affected client that the previous mkvol is not being processed, this LUN may not be used to create a system volume.

Action

Use a different LUN for your mkvol command or wait until the LUN is available for use again.

HSTCM0892W Broadcast of getVolInfo failed with rc=*result_code*'**Explanation**

An error occurred while requesting volume lists from all clients.

Action

The problem might be due to low system resources or network connectivity problems. If this error persists, contact your service representative.

HSTCM0893W Volume check failed with rc=*result_code*'**Explanation**

An unexpected error occurred while scanning the volumes table.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

If this error persists, contact your service representative.

HSTCM0894W Client *client_name* sees count non-existent volumes.**Explanation**

The specified client has found one or more LUNs that appear to be labelled as SAN File System volumes, however the LUNs are not configured volumes.

Action

Verify that the LUNs that the client sees are not part of another SAN File System cluster.

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

**HSTGI0012I Server has access to user volume with diskId *diskId*
diskID at *localName*.****Explanation**

The server has access to a user volume that it should not be able to access. This indicates that the SAN is not correctly configured.

Action

Reconfigure the SAN so that the server does not have access to the specified user volume. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTTM0139W sendMsg to client *client_name* failed for message_name, rc=result_code

Explanation

The server received an error while attempting to send the specified message to a client.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTTM0140W Receive for message_name from client *client_name* failed with RC=result_code.

Explanation

The server received an error while attempting to receive a response to the specified message from a client.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTTM0141E TMRep: Unable to initialize remote transaction services.

Explanation

An error occurred while initializing the remote transaction service.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0895W 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 found a disk that was labeled as a system disk.

Action

Make sure that the reported disk is the correct type.

HSTCM0896W Server does not have access to *missingCount* volume(s) in user storage pool *stgPoolName***Explanation**

The server expected to find all of the user volumes in the specified storage pool, but did not find all of them.

Action

Verify the SAN configuration is correct.

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0897I The server has access to all volumes for user storage pool *stgPoolName***Explanation**

The server has access to all volumes in the specified storage pool.

Action

Verify that the SAN configuration is correct.

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0898I Server has no access to volumes in user storage pool *stgPoolName***Explanation**

The server does not have access to any volumes in the specified storage pool. This might or might not be a problem depending on your SAN configuration.

Action

If you expected the server to have access to volumes in the storage pool, then verify the SAN configuration is correct.

HSTCM0899W Server does not have access to volume *volumeName* with *diskId=diskId* in user storage pool *stgPoolName***Explanation**

The server expected to find all of the user volumes in the specified pool, but is missing the specified disk.

Action

Verify the SAN configuration is correct.

HSTSC0517E Unexpected index error *sc_result_code* inserting back block record for fileset=*sc_container_name* (*sc_container_id*), blockNo=*sc_block_no* storage Pool Id=*sc_block_no*

Explanation

The metadata checker encountered an unexpected error while inserting a record in a bad block list.

Action

Resolve the error code and try again.

HSTSC0518E Bad block list error rc = *sc_result_code* block No rc = *sc_block_no* object Id rc = *sc_object_id* storage pool id rc = *sc_storage_pool_id*.

Explanation

The metadata checker could not add a block to the bad block list.

Action

Resolve the error code and run the metadata check command again.

HSTSC0519E Unexpected index error *sc_result_code* inserting back block record for fileset=*sc_container_name* (*sc_container_id*), blockNo=*sc_block_no* storage_pool Id=*sc_storage_pool_id*

Explanation

The metadata checker encountered an unexpected error while inserting a record in a bad block list.

Action

Resolve the error code and try again.

HSTSC0520E Deallocate bad block failed Storage pool id *sc_stgPool_id*, Block Number *sc_block_id*, Error code *sc_result_code*

Explanation

The metadata checker encountered an unexpected error while cleaning up the bad block list.

Action

Resolve the error code and try again.

HSTSC0521E Fileset anchor record reserved field is not correct for fileset *sc_fileset_name* (*sc_fileset_id*). reserved: 0xsc_anchor_reserved reserved1:0xsc_anchor_reserved

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0900E Service class not found, svcClassId = *cm_svcclass_id*. RC = *cm_result_code*.

Explanation

This is an internal error. The master was asked by a subordinate to lookup a specified service class ID, but it was not found.

Action

If you unable to determine the cause of this message, contact your service representative.

HSTCM0901E Error *cm_result_code* sending StatFile message to node *cm_node_id*

Explanation

The master server was unable to send a StatFile message to a subordinate server.

Action

Verify that all servers are operational and communicating.

HSTCM0902E Error *cm_result_code* in StatFile message response

Explanation

An error occurred on a StatFile message sent to a subordinate server.

Action

Verify that the file path specified in the StatFile command is correct and that the file exists. If this error persists, examine the log for other errors or contact your service representative.

HSTCM0903E Error *cm_result_code* processing assign service class.

Explanation

There was some problem assigning a service class to a file.

Action

If you are unsure of what is causing this message, contact your service representative.

HSTCM0904E Fileset *cm_fileset_name* was not found for an administrative command, RC = *cm_result_code*.

Explanation

The specified fileset does not exist.

Action

Make sure the correct fileset name is specified on the command.

HSTCM0905E Node serving Fileset *cm_fileset_name* was not found, RC = *cm_result_code*.

Explanation

The specified fileset was not served by an active node.

Action

Make sure fileset is attached and is served by an active node.

HSTCM0906E Find referenced rules for fileset *cm_fileset_name* failed with RC = *cm_result_code*.

Explanation

An error occurred while searching for the policy set rules referenced by the specified fileset.

Action

No additional information is available for this message.

HSTCM0907E Find referenced storage pools for fileset *cm_fileset_name* failed with RC = *cm_result_code*.

Explanation

An error occurred while searching for the policy set rules referenced by the specified fileset.

Action

No additional information is available for this message.

HSTCM0908E Error *cm_result_code* sending Get Policy Set Stats message to node *cm_node_id*

Explanation

The master server was unable to send a Get Policy Set Stats message to a subordinate server.

Action

Verify that all servers are operational and communicating.

HSTCM0909E Error *cm_result_code* in Get Policy Set Stats message response

Explanation

An error occurred on a Get Policy Set Stats message.

Action

Verify that all servers are operational and communicating.

HSTCM0910E Error *cm_result_code* sending Get Storage Pool Assignments message to node *cm_node_id*

Explanation

The master server was unable to send a Get Storage Pool Assignments message to a subordinate server.

Action

Verify that all servers are operational and communicating.

HSTCM0911E Error *cm_result_code* in Get Storage Pool Assignments message response

Explanation

An error occurred on a Get Storage Pool Assignments message.

Action

Verify that all servers are operational and communicating.

HSTGS0218E Unable to write a disk based message. My Node Id = *node_id*

Explanation

Disk based message failed.

Action

View the server logs.

**HSTGS0219I ----- INTERNAL SHUTDOWN ----- initiated by new Master
= *master_server***

Explanation

Disk based message failed.

Action

View the server logs.

**HSTGS0220E Failed to init disk service sectors with return code:
*return_code***

Explanation

Init disk service sectors failed. You are probably running I/O problems.

Action

View the server logs.

HSTGS0221E Shared part access failed with return code: *return_code*

Explanation

Access shared part failed. You are probably running I/O problems.

Action

View the server logs.

**HSTCM0912E An error occurred while starting CM upgrade manager
thread.**

Explanation

CM-UpgradeManager: An error occurred while starting CM upgrade manager thread.

Action

Make sure that you have enough resources on your system. If the problem still exists then contact Technical Support. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0913I CM-UpgradeManager: Upgrade of all filesets is completed.

Explanation

Upgrade work for all filesets is completed.

Action

No action is require.

HSTCM0914W CM-UpgradeManager: Cluster transition detected, upgrade work ended.

Explanation

Cluster transition detected while doing upgrade file set work. Aborting current upgrade work.

Action

Upgrade work will be restarted once cluster transition is complete. No action is required.

HSTCM0915E Create upgrade progress table failed with error (*adm_result_code*)

Explanation

CM-UpgradeManager: An error occured while creating index.

Action

Contact technical support. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0916E CM-UpgradeManager: Replace master record failed. RC=(*adm_result_code*)

Explanation

An error occured while replacing the master record.

Action

Contact technical support. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0917E CM-UpgradeManager: Committing master record update failed. RC=(*adm_result_code*)

Explanation

An error occurred while replacing the master record.

Action

Contact technical support. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0918I CM-UpgradeManager: Upgrade progress table created. Root PageNo=(*db_page_number*)

Explanation

An error occurred while replacing the master record.

Action

Contact technical support. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0919E CM-UpgradeManager: Internal error detected. Restarting upgrade after some wait.

Explanation

An internal error was detected. Look for another error in the log.

Action

Contact technical support.

HSTCM0920I CM-UpgradeManager: Fileset is already upgraded. CID=(*cm_arena_id*)

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0921E CM-UpgradeManager: Fetch from upgrade progress table failed. RC=(*cm_result_code*)

Explanation

An error occurred while fetching record from upgrade progress table.

Action

Contact technical support.

HSTCM0922E CM-UpgradeManager: Insert into upgrade progress table failed. RC=(*cm_result_code*)

Explanation

An error occurred while inserting record into upgrade progress table.

Action

Contact technical support.

HSTCM0923E CM-UpgradeManager: Committing inserts in the upgrade progress table failed. RC=(*cm_result_code*)

Explanation

An error occurred while committing inserts in for upgrade progress table.

Action

Contact technical support.

HSTCM0924I CM-UpgradeManager: Upgrade for fileset done. filesetId=(*cm_fileset_id*)

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0925E CM-UpgradeManager: Scan upgrade progress table failed. RC=(*cm_result_code*)

Explanation

An error occurred while scanning upgrade progress table.

Action

Contact technical support.

HSTCM0926E CM-UpgradeManager: Delete record from upgrade progress table failed. RC=(*cm_result_code*)

Explanation

An error occurred while deleting record from upgrade progress table.

Action

Contact technical support.

HSTCM0927E CM-UpgradeManager: Committing delete record from upgrade progress table failed. RC=(*cm_result_code*)

Explanation

An error occurred while committing delete record from upgrade progress table.

Action

Contact technical support.

HSTCM0928E CM-UpgradeManager: Destroy upgrade progress table failed. RC=(*cm_result_code*)

Explanation

An error occurred while destroying upgrade progress table.

Action

Contact technical support.

HSTCM0929E CM-UpgradeManager: Commit destroy upgrade progress table failed. RC=(*cm_result_code*)

Explanation

An error occurred while committing destroy upgrade progress table.

Action

Contact technical support.

HSTCM0930I CM-UpgradeManager: Upgrade progress table destroyed.

Explanation

Temporary table created to track the upgrade process is now destroyed.

Action

None.

HSTCM0931E CM-UpgradeManager: Upgrade fileset message send failed.
NodeId=(*cm_result_code*), RC=(*cm_result_code*)

Explanation

An error occurred while sending upgrade fileset message.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. Check operating system log on the server machine. Check your SAN configuration for problems. Contact technical support.

HSTCM0932E CM-UpgradeManager: Error returned by subordinate as a response. RC=(*cm_result_code*)

Explanation

Subordinate server failed to upgrade the fileset.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. Check operating system log on the server machine. Check your SAN configuration for problems. Contact technical support.

HSTSC0522E Fileset anchor record old symlink root field is not correct for fileset *sc_fileset_name* (*sc_fileset_id*). oldSymlinkRoot: 0x*sc_anchor_old_symlink_root*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTWA0043E 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

During log recovery the calculated USN from the page header does not equal the USN stored in the checkpoint record.

Action

Contact your service representative.

HSTTM0142E Name contains characters unsupported by SAN File System: *name_string*.

Explanation

The name contains lowercase non-ASCII characters which are not supported in the initial release of SAN File System. The unsupported characters are lowercase characters which are not in the ASCII character set.

Action

Replace the lowercase non-ASCII characters in the name with uppercase characters.

HSTSC0523E Salvage SC file attributes segment failure: LocateRoot failed for segment table *<sc_fileset_name (sc_fileset_id).sc_object_id>* failed. RC = *sc_result_code*.

Explanation

The metadata checker was unable to find the root of the segments in a file.

Action

Delete the file and recover it from backup.

HSTSC0524I File Attributes salvaged for file *<sc_fileset_name (sc_fileset_id.sc_object_id)>*

Explanation

The file attributes for the specified file were salvaged.

Action

No action is required.

HSTSC0525E Fileset file object segment table count *sc_segment_count* but segment table root NULL.

Explanation

The metadata checker discovered a problem with the segments in a file.

Action

Run the metadata checker in repair mode to salvage the file. Then recover the file from backup.

**HSTSC0526E Fileset file object segment table count
sc_segment_count but should be *sc_segment_count***

Explanation

The metadata checker discovered a problem with the segments in a file.

Action

Run the metadata checker in repair mode to salvage the file. Then recover the file from backup.

HSTCM0933W checkmetadata: Disabling default storage pool

Explanation

The metadata checker could not validate the identity of the default storage pool. The default storage pool has been disabled.

Action

Run the setdefaultpool command to reassign the default storage pool.

HSTCM0934W checkmetadata: DiskId *diskID* might be invalid.

Explanation

The diskID has an invalid format, however the metadata checker cannot confirm that it is corrupt.

Action

Use the lsln command to verify that there is a volume with this label. If no such volume exists, then you can remove the volume from the metadata servers tables by issuing the rmvol command.

HSTCM0935W No storage pool has been assigned to file '*filename*' in fileset *fileset_id* (*fileset_name*) since no policy rule applied and there is no default storage pool.

Explanation

The active policy set does not have any rules that apply for the file and the default storage pool was disabled so no storage pool could be assigned to the specified file.

Action

Update your policy set rules to specify an explicit default, or issue the setdefaultpool command to specify a default storage pool.

HSTSC0527E Unable to create file '*filename*' in fileset *fileset_id* (*fileset_name*) because no storage pool was assigned to it.

Explanation

The file could not be created because it was not assigned to a storage pool.

Action

Update your policy set rules to specify an explicit default or issue the `setdefaultpool` command to specify a default storage pool.

HSTCM0936E Master server failed to stop the master workload. RC = *cm_return_code*.

Explanation

During cluster formation Master server is not able to stop the master workload due to some error.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. View the operating system log on the server machine. Check your SAN configuration for problems. Contact technical support.

HSTDB0040E Master-BufferWriter: IO error. RC = *db_result_code*.

Explanation

Master buffer writer failed to flush data buffers.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. View the operating system log on the server machine. Check your SAN configuration for problems. Contact technical support.

HSTDB0041E Sub-BufferWriter: IO error. RC = *db_result_code*.

Explanation

Subordinate buffer writer failed to flush data buffers.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. View the operating system log on the server machine. Check your SAN configuration for problems. Contact technical support.

HSTDB0042E Master-BufferWriter: Wal truncate failed. TruncUSN = *db_log_usn*, RC = *db_result_code*.

Explanation

Master buffer writer failed to truncate the wal to specified USN.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. View the operating system log on the server machine. Check your SAN configuration for problems. Contact technical support.

HSTDB0043E Sub-BufferWriter: Wal truncate failed. TruncUSN = *db_log_usn*, RC = *db_result_code*.

Explanation

Subordinate buffer writer failed to truncate the wal to specified USN.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. View the operating system log on the server machine. Check your SAN configuration for problems. Contact technical support.

HSTDB0044E Master-BufferWriter: Wal flush failed. FlushUSN = *db_log_usn*, RC = *db_result_code*.

Explanation

Master buffer writer failed to flush the wal to specified USN.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. View the operating system log on the server machine. Check your SAN configuration for problems. Contact technical support.

HSTDB0045E Sub-BufferWriter: Wal flush failed. FlushUSN = *db_log_usn*, RC = *db_result_code*.

Explanation

Subordinate buffer writer failed to flush the wal to specified USN.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. View the operating system log on the server machine. Check your SAN configuration for problems. Contact technical support.

HSTWA0044E Wal writer failed to do checkpoint. Ckpt USN = *db_log_usn*, RC = *db_result_code*.

Explanation

Wal Writer failed to write checkpoint record due to IO failure.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. View the operating system log on the server machine. Check your SAN configuration for problems. Contact technical support.

HSTGS0222E CM state manager failed to shutdown server gracefully. RC = *db_result_code*. Exiting...

Explanation

CM state manager failed to do the graceful shutdown.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. View the operating system log on the server machine. Check your SAN configuration for problems. Contact technical support.

HSTGS0223I metadata server *server* is beginning to reform the group. Manual on-demand reform.

Explanation

A cluster reformation has been manually initiated using the internal legacy `reformcluster` command.

Action

No action is required. This command is mainly for test, but might be used by service in the field to force a cluster transition on-demand.

HSTGS0224E Attempted to execute an on-demand group reformation on subordinate node.

Explanation

An on-demand cluster reformation was attempted on a subordinate metadata server using the internal legacy `reformcluster` command.

Action

Execute the command on the master metadata server. This internal command is mainly for test, but might be used by service in the field to force a cluster transition on-demand.

HSTSC0528E OBSOLETE Fileset STSD table data object was not found in the hash table. Object ID = *sc_objectId*, Birth epoch = *sc_birthEpoch*.

Explanation

The hash value of the data row being scanned was not found in the STSD hash table. This could either be from an incorrect length or corruption within the data.

Action

If salvage is enabled, the data is automatically salvaged. If not, the integrity lost flag is raised.

HSTSC0529E Fileset STSD hash table object has invalid hash value. Object ID = *sc_objectId*, Birth epoch = *sc_birthEpoch*, STSD length = *sc_stsdLength*, Hash value = *sc_hashVal*.

Explanation

The hash value of the data row being scanned does not match the hash value to the corresponding entry in the data table.

Action

The data is automatically salvaged if the salvage option was selected. If not, the integrity lost flag is raised.

HSTSC0530E OBSOLETE Fileset STSD hash table object not found in data table. Object ID = *sc_objectId*, Birth epoch = *sc_birthEpoch*, STSD length = *sc_stsdLength*, Hash value = *sc_hashVal*.

Explanation

The STSD object referenced by this row in the hash table was not found in the STSD data table.

Action

If salvage is enabled, the data is automatically salvaged. If not, the integrity lost flag is raised.

**HSTFS0071E Unable to apply salvage *fs_result_code*
filesetId=*fs_container_id* FS Map page=*fs_page_number***

Explanation

Unable to apply the salvage operation to disk and write to the log.

Action

Resolve the error code and run the metadata checker again.

HSTFS0072E Fileset free space map index, index id is not correct. Fileset=*fs_fileset_id* FS Map root page=*fs_page_number* Index id is *fs_index_id* but should be *fs_index_id*

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTCM0937E Get write-ahead log List: Upgrade of WAL Volume table failed. RC = *cm_result_code*.

Explanation

The upgrade of the WALs Volume table in the Master DBSpace failed. The WAL table upgrade will be attempted at the next cluster reformation.

Action

Contact technical support if the error keeps recurring.

HSTCM0938I Fileset *filesetname* (FilesetId = *cm_fileset_id*) was successfully removed from the workload of Server *servername* (NodeId = *cm_node_id*)

Explanation

The metadata server master subtracts the fileset from a servers workload for load balancing during a cluster reformation or on behalf of an administrator command for creating/updating/deleting a fileset.

Action

No action required.

HSTCM0939I Fileset *filesetname* (FilesetId = *cm_fileset_id*) was successfully added to the workload of Server *servername* (NodeId = *cm_node_id*)

Explanation

The metadata server master adds the fileset to a servers workload for load balancing during a cluster reformation or on behalf of an administrator command for creating/updating/deleting a fileset.

Action

No action required.

HSTCM0940I Fileset *filesetname* (FilesetId = *cm_fileset_id*) was successfully failed over to the workload of Server *servername* (NodeId = *cm_node_id*)

Explanation

The metadata server master fails over the fileset to a servers workload during a cluster reformation if the originally serving server fails or is shutdown.

Action

No action required.

HSTCM0941I Fileset *filesetname* (FilesetId = *cm_fileset_id*) will NOT be failed over because Server *servername* (NodeId = *cm_node_id*) was flagged Not In Service (Rogue).

Explanation

The metadata server master cannot fail over the fileset to another servers workload during a cluster reformation because the originally serving server has failed and declared rogue as it could not be shutdown.

Action

The rogue server will have to be manually shutdown and a stopserver command with (TODO) option should be issued to force a failover of its filesets.

HSTCM0942W WARNING : WAL Volume *wal_volume_id* that was previously assigned to Server *servername* (NodeId = *cm_node_id*) will not be cleaned and its filesets will not be failed over because the server was flagged Not In Group (possibly rogue).

Explanation

The metadata server master cannot fail over the fileset to another servers workload during a cluster reformation because the originally serving server has failed and declared rogue as it could not be shutdown.

Action

The rogue server will have to be manually shutdown and a stopserver command with (TODO) option should be issued to force a failover of its filesets.

HSTCM0943E Error updating WAL version while cleaning WAL previously assigned to *cm_node_id*

Explanation

An unexpected error occurred while attempting to update WAL version after cleaning the WAL.

Action

Contact technical support.

HSTCM0944E Error updating WAL record to remove node association while decommissioning or stopping a server.

Explanation

An unexpected error occurred while attempting to update WAL record while decommissioning/stopping a server.

Action

Contact technical support.

HSTCM0945E Start cluster: Failover failed. Cluster Manager master state is incorrect.

Explanation

The Cluster Manager Master was in an unexpected state while attempting failover. Another cluster transition will be initiated due to this.

Action

Contact technical support.

HSTCM0946E Rebalance of workloads (after create/update/delete of fileset) failed. RC = *cm_result_code*.

Explanation

Rebalancing of workload had an unexpected failure.

Action

Contact technical support.

HSTPG0078I Starting the cluster master failover callback.

Explanation

Informational message that the cluster master has initiated fileset failover.

Action

No action required.

HSTSC0531I Fileset object <sc_fileset_name (sc_fileset_id.sc_object_id)> moved to the lost+found directory.

Explanation

The file was lost because it was not reachable in the directory hierarchy. The file was moved to the lost+found directory.

Action

Move the object back to where it belongs.

HSTSC0532E Should salvage directory entry sc_object_id by removing entry sc_object_id

Explanation

The metadata checker found a directory that needs to be salvaged. The directory is corrupt and needs to be salvaged to solve and/or prevent errors. There should be a message before this one describing the problem.

Action

Users of the objects in the directory should be notified.

HSTSC0533S The root directory object is missing in sc_fileset_name sc_fileset_id epoch sc_epoch_id

Explanation

The metadata checker found that the root directory is missing.

Action

Run the metadata checker in salvage mode to create the root directory.

HSTSC0534E The root directory object was created in sc_fileset_name sc_fileset_id epoch sc_epoch_id

Explanation

The metadata checker created the root directory.

Action

None

HSTSC0535S The .flashcopy directory object is missing in sc_fileset_name sc_fileset_id epoch sc_epoch_id

Explanation

The metadata checker found that the .flashcopy directory is missing.

Action

Run the metadata checker in salvage mode to create the .flashcopy directory.

HSTSC0536E The .flashcopy directory object was created in

sc_fileset_name sc_fileset_id epoch sc_epoch_id

Explanation

The metadata checker created the .flashcopy directory.

Action

None

HSTSC0537I The lost+found directory object is missing in

sc_fileset_name sc_fileset_id epoch sc_epoch_id

Explanation

The metadata checker found that the lost+found directory is missing.

Action

After upgrade is complete the the metadata checker will create the lost+found directory in salvage mode.

HSTSC0538I The lost+found directory object was created in

sc_fileset_name sc_fileset_id epoch sc_epoch_id

Explanation

The metadata checker created the lost+found directory.

Action

None

HSTSC0539S The .flashcopy directory entry is missing in

sc_fileset_name sc_fileset_id epoch sc_epoch_id

Explanation

The metadata checker found that the .flashcopy directory entry is missing.

Action

Run the metadata checker in salvage mode to create the .flashcopy directory entry.

HSTSC0540E The .flashcopy directory entry was created in
sc_fileset_name sc_fileset_id epoch sc_epoch_id

Explanation

The metadata checker created the .flashcopy directory entry.

Action

None.

HSTSC0541I The lost+found directory entry is missing in
sc_fileset_name sc_fileset_id epoch sc_epoch_id

Explanation

The metadata checker found that the lost+found directory entry is missing.

Action

Run the metadata checker in salvage mode to create the lost+found directory entry.

HSTSC0542I The lost+found directory entry was created in
sc_fileset_name sc_fileset_id epoch sc_epoch_id

Explanation

The metadata checker created the lost+found directory entry.

Action

None.

HSTSC0543E Metadata check could not move an orphaned directory to the lost+found directory error code *sc_result_code*) object
sc_fileset_name sc_fileset_id sc_object_id

Explanation

The metadata checker could not move an directory to the lost+found directory entry.

Action

Resolve the error and run the metadata check again.

HSTSC0544I Directory entry loops back on itself *sc_fileset_name*
sc_fileset_id sc_object_id

Explanation

The directory is corrupt because an entry references the directory.

Action

To salvage the object run the metadata checker in salvage mode.

HSTSC0545I Root directory parent object is incorrect

sc_fileset_name sc_fileset_id sc_epoch_id. It is sc_object_id and should be sc_object_id.

Explanation

The directory is corrupt because its parent is incorrect.

Action

To salvage the object run the metadata checker in salvage mode.

HSTSC0546I .flashcopy directory parent object is incorrect

sc_fileset_name sc_fileset_id sc_epoch_id. It is sc_object_id and should be sc_object_id.

Explanation

The directory is corrupt because its parent is incorrect.

Action

To salvage the object run the metadata checker in salvage mode.

HSTSC0547I lost+found directory parent object is incorrect

sc_fileset_name sc_fileset_id sc_epoch_id. It is sc_object_id and should be sc_object_id.

Explanation

The directory is corrupt because its parent is incorrect.

Action

To salvage the object run the metadata checker in salvage mode.

HSTSC0548I Directory parent object salvaged *sc_fileset_name*

sc_fileset_id sc_epoch_id.

Explanation

The directory's parent object, mentioned in the preceding message, has been fixed.

Action

None.

HSTSC0549I Attempt to put *sc_object_id* in lost+found directory failed. *sc_fileset_name sc_fileset_id*

Explanation

The metadata checker found that one of the root or .flashcopy or lost+found directories to be orphaned.

Action

To salvage the object run the metadata checker in salvage mode.

HSTSC0550E Fileset object common attributes basic miscellaneous is incorrect. *sc_fileset_name sc_fileset_id sc_object_id*

Explanation

The object is corrupt and needs to be salvaged.

Action

Run the metadata checker in salvage mode to salvage the object.

HSTWA0045E IO error detected while setting the new WAL checkpoint version, RC= *wal_return_code*.

Explanation

Error detected while setting the new version in wal checkpoint area.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. View the operating system log on the server machine. Check your SAN configuration for problems. Contact technical support.

HSTCM0947I Salvaging redo record with key *cm_redo_key*.

Explanation

The redo action was successfully salvaged.

Action

HSTCM0948I Cluster Manager volumes table mkvol attempts *mkvol_attempts*, should be *mkvol_attempts*.

Explanation

The redo action record was successfully salvaged.

Action

HSTCM0949W Invalid redo action type (*redo_action_type*) for volume with diskId *diskId*.

Explanation

The redo action was successfully salvaged.

Action

HSTCM0950E Cluster Manager volumes table lunid length is not valid.

Explanation

The lunid length was not consistent with other fields in the volume record.

Action

Run the metadata checker in repair mode to correct the problem.

HSTCM0951E Cluster Manager volumes table redo action not found for volume *cm_volume_name*.

Explanation

The lunid length was not consistent with other fields in the volume record.

Action

Run the metadata checker in repair mode to correct the problem.

HSTTM0143I Changing default response timeout for remote transactions from *timeout* to *timeout*.

Explanation

The default timeout period for remote transactions has been changed.

Action

HSTCM0952E Client *client_name* has incorrect volume size for volume *volume_name* in storage pool *pool_name*. Client volume size *volume_size_bytes*, expected volume size *volume_size_bytes*.

Explanation

The client reported a volume size that was less than the recorded size for the volume. This means that the client will not be able to access all data blocks stored on the volume. If the client accesses a file with data blocks stored on the volume beyond the client's access, then application errors may occur, including data loss or file corruption.

Note, the expected volume size is the size of the volume rounded down to a multiple of the partition size, so the value reported here may not exactly match the true volume size.

Action

Issue the `rediscoverluns` command and then verify the size with the `lsun` command using the `-client` option. Some storage hardware and some client operating systems do not support dynamic resizing of volumes. If the size is still incorrect after issuing the `rediscoverluns` command, then try rebooting the client. If the problem persists, contact your service representative.

HSTVC0037I VCM: Upgrade cluster to software version *vcm_version_string* succeeded. Data conversion is complete.

Explanation

The cluster has been successfully updated to the new software version. Data conversion is complete.

Action

None.

HSTGS0225W The master attempting to shut down rogue metadata server *server*.

Explanation

The Master metadata server has encountered a rogue server during group re-formation and is attempting to shut that rogue server down using a shutdown message.

Action

Check the cluster logs. This may be an indication of a network partition.

HSTGS0226W Master metadata server received a shutdown response. metadata server *server* is now not in service.

Explanation

The Master metadata server has encountered a rogue server during group re-formation and is attempting to shut that rogue server down.

Action

View the cluster logs. This might be an indication of a network partition.

HSTGS0227I Fileset failover actions complete.

Explanation

The master has completed any required fileset failover actions.

Action

No action is required, this message is informational only.

HSTLV0200W Long running message reply failed. RC=*lvm_result_code*.

Explanation

Reply to the ping message failed. This failure could occur due to the transient network failure or receiver server is not ready to receive messages.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. View the operating system log on the server machine. Check your SAN configuration for problems. Contact technical support.

HSTCM0953E Commit transaction failed. RC=*cm_result_code*.

Explanation

Master failed to commit the transaction.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. View the operating system log on the server machine. Check your SAN configuration for problems. Contact technical support.

HSTCM0954W Client *clientName* does not have access to volume *volumeName* with diskId *diskId* in storage pool *stgPoolName*.

Explanation

The specified client can see some volumes in the specified storage pool but cannot see the specified volume.

Applications running on the client may get I/O errors while accessing part or all of a file. If the application does not handle these errors gracefully, data loss or data corruption could result.

Action

This might be a transient SAN problem. If the error persists, then it is likely that either the client or the SAN is misconfigured. Verify that the client and SAN are correctly configured.

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTSC0551W ALERT: No storage pool assigned during file creation in fileset *fileset_id* (*fileset_name*), error occurred *count* time(s) since the last alert.

Explanation

The policy set rules did not assign a storage pool to one or more newly created files in the specified fileset. This message is a summary alert. A different error message was printed for each incident.

Action

Verify that the policy set rules are correct.

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTTM0144I Client *client_name* (client ID *client_id*) is using NLS converter *ip_address*.

Explanation

No additional information is available for this message.

Action

Consult the Maintenance and Problem Determination Guide for suggestions for assessing system health.

HSTSC0552E Error while extending arena for fileset *sc_fileset_name* (*sc_fileset_id*), storage pool *sc_pool_name* (*sc_pool_id*)

Explanation

Either you have run out of disk space, or there is a network error.

Action

Free disk space by archiving and removing unused files, or add more disk space or/and check the network connection. Make sure that you have enough resources on your system. If the problem still exists, then contact technical support.

HSTSC0553E Arena extension did not result in the addition of new capacity for fileset *sc_fileset_name* (*sc_fileset_id*), storage pool *sc_pool_name* (*sc_pool_id*)

Explanation

Internal error while extending the arena.

Action

Run the metadata check command to determine the cause and fix the problem.

HSTCM0955E Delete Redo Action - supported Action.

Action=*cm_action_code*.

Explanation

Internal Error: The action is not supported for this operation.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTCM0956E Not a supported Action for a Gap Reused partition

<filesetId=*cm_fileset_id***,stgPoolId=***cm_pool_id***>,**

lpNo=*cm_partition_id***, Action=***cm_action_code*.

Explanation

Internal Error: The action is not supported for this operation.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact your service representative for additional assistance.

HSTCM0957E Error *cm_result_code* sending ChgGapReuseLPTState message.

Explanation

Could not send the message to the master node. This failure could occur due to the transient network failure or receiver server is not ready to receive messages.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. View the operating system log on the server machine. Check your SAN configuration for problems. Contact technical support.

HSTCM0958E Error *cm_result_code* sending cmChgGapReuseLPTStateMsg message.

Explanation

The message from the subordinate to the Master node could not be sent.

Action

Check the network connections. Contact technical support.

HSTCM0959E Error *cm_result_code* processing changeGapReuseLptState.**Explanation**

Error while changing the LPT state of the reused partition.

Action

Check the log for more information for main error source.

HSTCM0960E Commit transaction failed while undoing reuse Lpt with error = *cm_result_code*.**Explanation**

This is an internal error. An error occurred while committing transaction.

Action

Contact your service representative.

HSTCM0961E Commit transaction failed while committing reuse Lpt with error = *cm_result_code*.**Explanation**

This is an internal error. An error occurred while committing transaction.

Action

Contact your service representative.

HSTGS0228E Addserver request rejected. Server being added failed to write Tank.Config or Tank.Bootstrap file.**Explanation**

The metadata server that is being added to the cluster failed to write the Tank.Bootstrap or Tank.Config file

Action

View the cluster log on the metadata server being added for details. Verify that the TANKDIR directory is writable on the metadata server that is being added.

HSTGS0229E Addserver request rejected. Server being added has invalid network.**Explanation**

The metadata server being added to the cluster has an invalid network configuration.

Action

View the cluster log on the metadata server being added for details. Verify that the network configuration is correct on the metadata server that is being added. Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact technical support.

HSTGS0230E Addserver request rejected. Server being added has incompatible software version.

Explanation

The metadata server that is being added is running a software version that is incompatible with the version of software the cluster is running.

Action

View the cluster log on the metadata server being added for details. Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact technical support.

HSTGS0231W Addserver request rejected. Server being added has mismatched configuration parameters.

Explanation

The metadata server that is being added has disruptive configuration settings that are out of synch with the current cluster settings. The server being added should have applied the current cluster settings and restarted in order to make the disruptive configuration changes take effect.

Action

View the cluster log on the metadata server being added for details. Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact technical support.

HSTGS0232I Server *name* accepted addserver request.

Explanation

The metadata server being added has accepted a request to be added to the cluster definition. It should join the active group in the following group transition which is executed as part of the addserver operation.

Action

No action is required. This message is informational only.

HSTOP0034W Disruptive configuration parameter *param* local setting (*l_val*) does not match the cluster setting (*c_val*).**Explanation**

A local setting for a cluster scoped disruptive configuration value was found to be out of synch with the current cluster setting. Local values of cluster scoped configuration settings are compared to the current cluster values during group transitions. If the local setting does not match the cluster setting, the local value is updated to the cluster setting. The local metadata server must then re-start in order for the disruptive setting to take effect.

Action

The local server that has detected disruptive parameters to be out of synch with the current cluster settings will exit. If the administrative agent watchdog is enabled, then the metadata server will be restarted and re-join the cluster.

HSTOP0035W Failed to set dynamic configuration parameter *param* local setting (*l_val*) does not match the cluster setting (*c_val*).**Explanation**

A failure occurred while attempting to set a dynamic configuration parameter.

Action

The local server was unable to apply a cluster scoped dynamic parameter setting. Check the cluster log on the metadata server that failed to update the setting for details. Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Contact technical support.

**HSTSC0554E Fileset file object inline segment incorrect
*sc_fileset_name sc_object_id*****Explanation**

The metadata checker has discovered a problem with the inline segment in a file.

Action

Run the metadata checker in repair mode to salvage the file. Then recover the file from backup.

HSTPC0074E Policy set must start with VERSION.**Explanation**

A policy set was missing the VERSION statement.

Action

Policy sets must start with a VERSION statement. Currently only VERSION 1 is supported.

HSTCM0962W Error *cm_result_code* sending reset policy statistics message.

Explanation

An error has occurred while resetting the policy set statistics.

Action

The policy set statistics may not be in synch on all servers. Issue the USEPOLICY command to reactivate the current policy set if desired.

HSTGS0233E An invalid pointer was passed into diskUnicast.

Explanation

An invalid pointer was passed into diskUnicast.

Action

See the server logs.

HSTGS0234E Rogue server *node_name* cannot be found in diskmsg array.

Explanation

Rogue server is not in group.

Action

See the server logs.

HSTSC0555E Object ID on data table object OID = *sc_stsd_objectId*, BirthEpochId = *sc_stsd_birthEpoch*, SegmentNum = *sc_stsd_segmentNum* is incorrect. Should not be equal to previous OID *sc_stsd_prev_objectId*.

Explanation

The object id of the first segment of an STSD data entry is equal to the previous entry instead of a unique value.

Action

If salvage is enabled, the data is automatically salvaged. If not, the integrity lost flag is raised.

HSTSC0556E Object ID on data table object OID = *sc_stsd_objectId*, BirthEpochId = *sc_stsd_birthEpoch*, SegmentNum = *sc_stsd_segmentNum* is incorrect. Should be *sc_stsd_correct_objectId*.

Explanation

The object id of a subsequent segment of an STSD data entry is not equal to the previous entry.

Action

If salvage is enabled, the data is automatically salvaged. If not, the integrity lost flag is raised.

HSTSC0557E Birth epoch id on data table object OID = *sc_stsd_objectId*, BirthEpochId = *sc_stsd_birthEpoch*, SegmentNum = *sc_stsd_segmentNum* is incorrect. Should be *sc_stsd_correct_birthEpoch*,

Explanation

The birth epoch id of a subsequent segment of an STSD data entry is not equal to the previous entry.

Action

If salvage is enabled, the data is automatically salvaged. If not, the integrity lost flag is raised.

HSTSC0558E Segment number on data table object OID = *sc_stsd_objectId*, BirthEpochId = *sc_stsd_birthEpoch*, SegmentNum = *sc_stsd_segmentNum* is incorrect. Should be *sc_stsd_correct_segmentNum*.

Explanation

The segment number of an STSD data table entry is not equal to one more than the previous segment, or 0 for the first segment.

Action

If salvage is enabled, the data is automatically salvaged. If not, the integrity lost flag is raised.

HSTSC0559E Number of segments on data table object OID = *sc_stsd_objectId*, BirthEpochId = *sc_stsd_birthEpoch*, SegmentNum = *sc_stsd_segmentNum* is too big.

Explanation

An end of scan was reached before all of the segments of the last stsd object were read. This could either be because the numSegments entry is too big or that one of the records is missing.

Action

If salvage is enabled, the data is automatically salvaged. If not, the integrity lost flag is raised.

HSTGS0235I Unable to fork server startup script execution thread.

Explanation

The High Availability Manager was unable to create a thread to execute the server restart script.

Action

See the server logs.

HSTGS0236W The master metadata server is ignoring a notification from a peer that a peer metadata server has failed.

Explanation

When the master is not in an appropriate state to handle a peer failure notification it will ignore these requests. This can happen when the master is in the middle of group formation and receives a notification that a peer has failed.

Action

Check the cluster logs. The cluster may have been handling another fault at the time of the failure notification.

HSTGS0237I A script has successfully been launched to start engine *engine*. Look in */usr/tank/server/log/log.stopengine* for results.

Explanation

When a metadata server powers off peer metadata server while handling faults, it attempt to restart that server.

Action

No action required, review log.stopengine and log.std. or /var/log/messages to verify the startengine actions.

HSTGS0238E Executing the startengine script to start server *engine* failed with return code *return_code* Look in */usr/tank/server/log/log.stopengine* or */var/log/messages* for more details.

Explanation

A failure occurred while executing a script to start a peer engine.

Action

See the cluster logs and */usr/tank/server/log/log.stopengine* for details.

HSTGS0239I Launching startengine script: *scart_engine_cmdline*

Explanation

When a metadata server powers off another metadata server it attempts to restart it once it is verified that the power is off.

Action

No action required, review server and cluster logs to see if the startengine action was successful.

HSTCM0963E Command failed for fileset *cm_fileset_name* with error *cm_result_code*

Explanation

Error processing control data access while detach fileset.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health.

Check operating system log on the server machine. Check your SAN configuration for problems. Contact Technical Support.

HSTGS0240E Internal logic error (inconsistency in asserting lock over cluster mastership). My node name is: *my_nodename*, this node name is: *nodename*,

Explanation

There is another node writing into master diskhb sector while master is alive.

Action

If this log appears many times, then check to see if there are two masters running at the same time.

HSTGS0241E I am the master, but I received a ballot to vote for node *candidate*, in a leadership election. last_group= *group_id*

Explanation

Current alive master received a ballot to vote from another node. This might have been caused by subordinate that timed out in some temp state.

Action

If this log message appears many times, then check to see if any node hangs.

HSTCM0964W Unable to verify the size of the user volume with diskId *diskId* since no clients with access to the volume have been active.

Explanation

The metadata server does not have access to user volumes and therefore relies on clients to verify the actual size of user volumes. In this case, no clients with access to the specified volume had been active so the metadata server does not know the actual volume size.

Action

Issue the `lsvol` command to determine the name of the volume and then issue the `reportclients` command to list all clients with access to the volume. It is recommended that at least one of these clients be active on the master metadata server before checking metadata.

HSTCM0965I Allocations from user volume *diskId* are suspended.

Explanation

Allocations from the volume have been suspended. Either allocations from the volume were already suspended or the metadata repair operation suspended allocations from the volume because it found the size of the volume to be inconsistent and could not verify the actual size of the volume.

Action

Verify that the volume size is correct and then issue the `chvol` command to resume allocations from the volume. If the salvaged volume size is incorrect, then make sure a client with access to the volume is active on the metadata server and then issue the `checkmetadata` command again.

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health.

HSTCM0966E An improperly formatted *message_name* message was received from client *client_name*.

Explanation

An improperly formatted message was received from the client. This may be due to a network error or is caused by an internal error.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health.

If the problem persists, contact your service representative.

HSTCM0967E An improperly formatted *message_name* message was received from client *client_name*.

Explanation

An improperly formatted message was received from the client. This may be due to a network error or is caused by an internal error.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health.

If the problem persists, contact your service representative.

HSTCM0968E *cm_function_name*: Error *cm_result_code* subtracting capacity from fileset *cm_fileset_name* (*cm_fileset_id*)

Explanation

Could not subtract an arena's capacity from that of the fileset.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0969E *cm_function_name*: Error *cm_result_code* occurred while releasing the reference to fileset *cm_fileset_name* (*cm_fileset_id*)

Explanation

Could not release the reference to the fileset.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0970E Error *cm_result_code* occurred while determining which server is serving fileset *cm_fileset_name* (*cm_fileset_id*).

Explanation

A problem occurred while searching for the server serving the specified fileset.

Action

Try the command again. If the error continues to occur, contact your service representative.

HSTCM0971E CM master: *cm_caller()* - arena locker unknown. filesetID= (*cm_fileset_id*), stgpoolID= (*cm_pool_id*) Current locker node id= (*cm_locker_id*) Requestor node id= (*cm_locker_id*).

Explanation

Arena operation detected that this arena is not yet locked or some other node locked it. This is a internal error.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. Contact Technical Support.

HSTCM0972E CM master: *cm_caller()* - arena is already locked. filesetID= (*cm_fileset_id*), stgpoolID= (*cm_pool_id*) Current locker node id= (*cm_locker_id*) Requestor node id= (*cm_locker_id*).

Explanation

Arena operation detected that arena is already locked by some other node. This is a internal error.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. Contact Technical Support.

HSTCM0973E CM master: *cm_caller()* - fetch arena failed. Return code= (*cm_result_code*), filesetID= (*cm_fileset_id*), stgpoolID= (*cm_pool_id*) Requestor node id= (*cm_locker_id*).

Explanation

Failure occurred while fetching record from arena table.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. Contact Technical Support.

HSTCM0974E CM master: *cm_caller()* - commit operation error. Return code= (*cm_result_code*), filesetID= (*cm_fileset_id*), stgpoolID= (*cm_pool_id*) Requestor node id= (*cm_locker_id*).

Explanation

Failure occurred while committing arena transaction.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. Contact Technical Support.

HSTCM0975E CM master: *cm_caller()* - replace record error. Table name= *cm_caller()* - Return code= (*cm_result_code*), filesetID= (*cm_fileset_id*), stgpoolID= (*cm_pool_id*)

Explanation

Failure occurred while replacing record from the table.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. Contact Technical Support.

HSTCM0976E CM master: *cm_caller()* - index replace record error. Table name= *cm_caller()* - Return code= (*cm_result_code*), stgpoolID= (*cm_pool_id*)

Explanation

Failure occurred while replacing record from the table.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. Contact Technical Support.

HSTCM0977W WARNING:Error *cm_result_code* sending scan disks message to node *cm_node_id* with scan flag: (*cm_scan_flag*)

Explanation

Server communication error occurred while sending scan disk message. This is possible even with transient slow IO.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. Contact Technical Support.

**HSTCM0978E Error *cm_result_code* occurred while enabling disk scan.
'*cm_command*' command failed for volume:' *cm_volume_name*'.**

Explanation

Server failed to enable disk scan on some node.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. Contact Technical Support.

HSTSM0021I The Administration session manager has been stopped.

Explanation

The ASM was shutdown during a stopserver operation.

Action

No action is required. This message is informational only.

HSTSM0022W Stopping the Administration session manager timed out.

Explanation

The ASM was unable to shutdown during a stopserver operation within the allowed time. Other administrative sessions may have been terminated forcefully.

Action

No action is required. Review the admin and metadataserver logs.

HSTPG0079W PGM : Stop As Master found PGM in invalid state.

Explanation

LVM Master stop found that it was not in a normally expected state. This may happen if cluster reformation was internally retried.

Action

Subsequent cluster reformation retries should succeed. If not, contact your service representative.

HSTCM0979W CM Master: Stop found CM Master in invalid state.

Explanation

CM Master stop found that it was not in a normally expected state. This may happen if cluster reformation was internally retried.

Action

Subsequent cluster reformation retries should succeed. If not, contact your service representative.

HSTLV0201W LVM Master: Stop found LVM Master in invalid state.

Explanation

LVM Master stop found that it was not in a normally expected state. This may happen if cluster reformation was internally retried.

Action

Subsequent cluster reformation retries should succeed. If not, contact your service representative.

HSTEV0004E Cannot find the machine serial number. SNMP traps will not have the serial number.

Explanation

Failure occurred while reading the Machine serial number from the System BIOS.

Action

Contact Technical Support.

HSTEV0005I The machine's serial number is *serial_number*. The machine's model number is *model_number*.

Explanation

This message contains the machine serial and model numbers.

Action

No action is required. This message is informational only.

HSTTM0145I Ending lock grace period on fileset *tm_fileset_name* (*tm_fileset_id*)

Explanation

The lock grace period on the fileset just finished. The fileset will now allow new lock requests from clients. In the grace period only old lock reassertions were allowed from clients.

Action

No action required.

HSTNE0009E NET: Addr *net_ip_address:net_port_id* Failed to get acknowledgement for message: *net_msg_number* after: *net_msg_attempts* attempts. Maximum attempts: *net_msg_attempts*.

Explanation

A network message failed to be acknowledged.

Action

Check the network interface to ensure it is operational. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTTM0146E TM receiver error : client at IP address *tm_ip_address* Error: *tm_result_code(tm_scket_err)* receiving datagram.

Explanation

A network error occurred while receiving data from a client.

Action

Check the network interface to ensure it is operational. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTGS0242E The IP address *ip_adr* is not bound to any interface.

Explanation

The IP address specified for the SANFS Metadataserver is not bound to any configured interface on the Metadataserver.

Action

Verify the IP address is correct for the given Metadataserver. Consult the "Maintenance and Problem Determination Guide". Contact Technical Support.

HSTTM0147I Grace period restarted after cluster transition for Fileset= (*fileset_id*).

Explanation

Fileset grace period restarted after cluster transition.

Action

None.

HSTTM0148I Grace period extended for Fileset= (*fileset_id*) by (*tm_time*) seconds.

Explanation

Fileset grace period extended for client to reassert their locks.

Action

None.

HSTTM0149I Published load unit to all clients. FilesetId= (*fileset_id*).

Explanation

Publish new serving server for fileset to all clients.

Action

None.

HSTTM0150I Fileset Id= (*fileset_id*) opened with access mode= (*fileset_id*).

Explanation

Fileset opened on current server for serving.

Action

None.

HSTTM0151I New cluster information published to client. ClientId= (*client_id*).

Explanation

New cluster image published to client after cluster transition.

Action

None.

HSTCM0980E Cluster Manager volumes table partition count for Volume Disk Id *cm_disk_id* is *cm_partition_count* should be *cm_partition_count*.

Explanation

The metadata checker has found a problem in the volume 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.

HSTCM0981E Cluster Manager volumes table vector size for Volume Disk Id *cm_disk_id* is *cm_vector_size* should be *cm_vector_size*

Explanation

The metadata checker has found a problem in the volume 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.

HSTCM0982E Cluster Manager volumes partition size for Volume Disk Id *cm_disk_id* is *cm_partition_size* should be *cm_partition_size*.

Explanation

The metadata checker has found a problem in the volume 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.

HSTCM0983E Cluster Manager volumes table segment count for Volume Disk Id *cm_disk_id* is *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.

HSTTM0152E Server is aborting clean shutdown because client activity can't be stopped.

Explanation

The Metadata server waited over 15 minutes for client activity to cease. There could be a software, hardware or operating system defect which doesn't allow the client thread to complete its work.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. Check operating system log on the server machine. Check your SAN configuration for problems. Contact Technical Support.

HSTCM0984I CM subordinate workload pause started.

Explanation

CM subordinate workload pause is started. This is initiated by the group services as a part of cluster transition.

Action

None.

HSTCM0985I CM subordinate workload is now paused.

Explanation

CM subordinate workload is paused. This is initiated by the group services as a part of cluster transition.

Action

None.

HSTCM0986E CM master: *cm_caller()* - fetch from table (*cm_result_code*), failed. Return code= (*cm_result_code*), filesetID= (*cm_fileset_id*), stgpoolID= (*cm_pool_id*).

Explanation

Failure occurred while fetching record from specified table.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health. Contact Technical Support.

HSTSC0560E The .flashcopy directory is missing an image reference
sc_fileset_name sc_object_id sc_image_name epoch sc_epoch_id

Explanation

The .flashcopy directory is corrupt and needs to be salvaged to create a missing directory entry for a FlashCopy image.

Action

To salvage the .flashcopy directory run the metadata checker in salvage mode.

HSTSC0561E The metadata checker created an entry in the .flashcopy directory for the missing FlashCopy image <sc_image_name>

Explanation

The metadata checker created an entry for a missing entry in the .flashcopy directory.

Action

No action.

HSTSC0562E The metadata checker failed to create an entry in the .flashcopy directory for the missing FlashCopy image <sc_image_name>
Error code *sc_return_code*

Explanation

The metadata checker failed to create an entry for a missing entry in the .flashcopy directory.

Action

Resolve the error code. Then run the metadata checker again.

HSTSC0563E The metadata checker deleted an entry in the .flashcopy directory for the FlashCopy image <sc_image_name>

Explanation

The metadata checker deleted an entry for a nonexistent image in the .flashcopy directory.

Action

No action.

HSTSC0564E The metadata checker fixed an entry in the .flashcopy directory for the FlashCopy image <sc_image_name>

Explanation

The metadata checker fixed an entry in the .flashcopy directory.

Action

No action.

HSTSC0565S A .flashcopy directory already exists sc_fileset_name sc_fileset_id epoch sc_epoch_id remove it before running the metadata checker.

Explanation

The metadata checker found a .flashcopy directory with the wrong object id.

Action

Before running the metadata checker on the fileset remove the .flashcopy directory. Then run the metadata checker in salvage mode to create the .flashcopy directory entry.

HSTSC0566S A lost+found directory already exists sc_fileset_name sc_fileset_id epoch sc_epoch_id remove it before running the metadata checker.

Explanation

The metadata checker found a lost+found directory with the wrong object id.

Action

Before running the metadata checker on the fileset remove the lost+found directory. Then run the metadata checker in salvage mode to create the lost+found directory entry.

HSTCM0987E Check upgrade cluster failed. Old release client is still active with Master server.

Explanation

Check upgrade cluster detected that there is at least one old release client active with master server.

Action

Retry command after shutting down all the old release clients. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTTM0153I Expiring lease for client with non supported stp version. ClientId= (*tm_client_id*).

Explanation

Expiring client with non supported stp protocol version.

Action

Destroy unsupported client. Upgrade client to appropriate stp version and start again. Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

HSTCM0988E Unable to replace master record, failed with error: *cm_result_code*.

Explanation

A problem occurred while updating the cluster manager master record.

Action

If the error occurred when an administrative command was issued, repeat the command. If the error occurred as a result of some other operation, the operation will be retried. If this error continues to occur, contact your service representative.

HSTCM0989E Unable to store Cluster Manager master record, failed with error: *cm_result_code*.

Explanation

A problem occurred while creating the cluster manager master record during installation.

Action

Verify that the hardware is configured correctly and re-install.

HSTCM0990W Cluster Manager master record update progress table should exist.

Explanation

The metadata check found an invalid value for the upgrade progress field in the cluster manager master record.

Action

If the metadata check was run in scan mode, re-run in repair mode to repair the tables. Once the tables are repaired, the upgrade thread will continue if necessary. The table will get recreated if necessary.

HSTCM0991E CM-UpgradeManager: Fetch from fileset table failed.
RC=(*cm_result_code*)

Explanation

An error occurred while fetching record from the fileset table.

Action

Contact technical support.

HSTGS0243E Failed to send a disk based request from node *from_nodename* to node *to_nodename* with nodeid *toNodeId* . The msg is *msgtype_name* .

Explanation

Write to shared partition failed.

Action

Check if you have any I/O problem.

HSTGS0244E Failed to send a disk based response from node *from_nodename* to node *to_nodename* with nodeid *toNodeId* . The msg type is *msgtype_name* .

Explanation

Write to shared partition failed.

Action

Check if you have any I/O problem.

HSTGS0245E Shared part access failed. Return code is: *return_code*

Explanation

Server is running into I/O access problems.

Action

View the server logs.

HSTGS0246E Shared part access failed. We got a return code: *return_code*

Explanation

Access shared part failed. You are probably running I/O problems.

Action

View the server logs.

HSTGI0013W Host Lun Discovery library function *function* return unknown error code *return_code*.

Explanation

The Host Lun Discovery library returned an unknown error.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions for assessing system health.

If this error persists, contact your service representative.

HSTGS0247E Subordinate has been added to the static cluster but did not join the active group.

Explanation

A subordinate node that is being added to the cluster successfully concluded the addserver process and is expecting a group transition to follow. The group transition has not occurred so subordinate node is aborting.

Action

Review the server log on the master Metadata server for problems. Consult the "Maintenance and Problem Determination Guide".

HSTGS0248E A cluster reformation operation has hung. The metadata server is aborting.

Explanation

A cluster reformation is hung and is unable to conclude. The server will abort. This is an indication of an internal server error. After the server aborts the cluster should recover. IBM technical support should be contacted.

Action

This is an indication of an internal error. Please contact technical support.

HSTGS0249E An critical service thread has hung. The metadata server is aborting.

Explanation

A critical thread in Group Services has hung. The server will abort. This is an indication of an internal server error. After the server aborts the cluster should recover. IBM technical support should be contacted.

Action

This is an indication of an internal error. Please contact technical support.

HSTCM0992E Error *cm_result_code* processing list files on volume.

Explanation

Master got an error from the subordinate while getting the file names allocated on a given volume.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Check your cluster configuration and retry this command. If the problem persists, please contact your service representative.

HSTCM0993E CM Master: *cm_caller()* - Bind fileset to wal failed. filesetID= (*cm_fileset_id*), WAL volid= (*cm_volume_id*), Return code= (*cm_result_code*).

Explanation

CM Master failed to bind fileset to new wal.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Check your cluster configuration and retry this command. If the problem persists, please contact your service representative.

HSTCM0994E CM Master: *cm_caller()* - Commit bind fileset to wal failed. filesetID= (*cm_fileset_id*), WAL volid= (*cm_volume_id*), Return code= (*cm_result_code*).

Explanation

CM Master detected error while committing bind fileset to wal.

Action

Consult the "Maintenance and Problem Determination Guide" for suggestions on assessing system health. Check your cluster configuration and retry this command. If the problem persists, please contact your service representative.

HSTCM0995S CM Master: Internal error detected while distributing dynamic filesets. Total number of filesets to balance(count)= *cm_fileset_count()*, Total number of wals used for distribution(count)= *cm_wal_count()*, Fileset not distributed(count)= *cm_fileset_count()*, Heavy wal after distribution(count)= *cm_wal_count()*,

Explanation

CM Master failed to distribute dynamic filesets due to the internal error.

Action

Please contact your service representative.

HSTSC0567E Error fetching fileset STSD table data object from the hash table. Object ID = *sc_objectId*, Birth epoch = *sc_birthEpoch*. return code = *sc_return_code*.

Explanation

The hash value of the data row being scanned was not found in the STSD hash table. This could either be from an incorrect length or corruption within the data.

Action

If salvage is enabled, the data is automatically salvaged. If not, the integrity lost flag is raised.

HSTSC0568E Error fetching fileset STSD hash table object from the data table. Object ID = *sc_objectId*, Birth epoch = *sc_birthEpoch*, STSD length = *sc_stsdLength*, Hash value = *sc_hashVal*. return code = *sc_return_code*.

Explanation

The STSD object referenced by this row in the hash table was not found in the STSD data table.

Action

If salvage is enabled, the data is automatically salvaged. If not, the integrity lost flag is raised.

Chapter 8. System metadata messages

This section provides the messages that can be generated by system metadata on SAN File System clients.

HSTRE0001E Fatal error: getopt() failed. ARGV = *ARGV_value*

Explanation

The command line had incorrect arguments or syntax. The original argument values are listed as ARGV = arguments.

Action

Run the command again using only the arguments and syntax specified by the usage example that is printed with the above error message.

HSTRE0002E Cannot open file *input_filename* for reading.

Explanation

The file specified for input could not be opened for reading. The input file is either the file specified using the option --input=index_dump_file or the default input file:

/usr/tank/server/DR/Index_Dump_File

Action

Check the following settings, and make the necessary corrections before executing the script again:

1. Check for the correct input filename specified with --input=index_dump_file
2. Check for the correct permissions on the input file to allow read privileges by the user invoking the script.
3. Check to make sure that the script is being invoked by a user who is intended to have read permissions for the input file.

Run the script again.

HSTRE0003E Cannot open file *output_filename* for writing.

Explanation

The file specified for output could not be opened for writing. The output filepath is constructed using the option to specify the output directory --output=output_directory and one of three output filenames.

The three output filepaths using the optional output directory are:

output_directory/TankSysCLI.auto output_directory/TankSysCLI.volume
output_directory/TankSysCLI.attachpoint

The three default output filepaths are:

```
/usr/tank/server/DR/TankSysCLI.auto  
/usr/tank/server/DR/TankSysCLI.volume  
/usr/tank/server/DR/TankSysCLI.attachpoint
```

Action

Check the following settings, and make the necessary corrections before executing the script again:

1. Check for the correct output directory specified with `--output=output_directory`
2. Check for the correct permissions on the output directory to allow write privileges by the user invoking the script. The output directory permissions must allow the user to create a file for writing in the output directory.
3. Check to make sure that the script is being invoked by a user who is intended to have write permissions in the output directory.

Run the script again.

HSTRE0004E Unknown index type = *index_type* found

Explanation

The input file used as the `Index_Dump_File` contained a line in which the first field did not match one of the valid index types. The latest valid index types can be determined by referring to the script. The current valid index types are:

```
AttachPoint ClusterId Date DiskEpoch Fileset InstallId MasterNode PolicySet  
StgPool SvcClass Version Volume
```

Action

Check the input file used for the `Index_Dump_File` and determine the line and index type that are incorrect.

Run the `"sfscli startmetadatascheck"` command to check for any metadata corruptions. Then consult with IBM Service on how to proceed.

HSTRE0005E Unknown line type was found. The incorrect input line is '*line_contents*'

Explanation

The input file used as the `Index_Dump_File` contained a line which is not a valid Index Header Line (first field followed by one colon :) or a valid Index Data Line (first field followed by two colons ::). Therefore the line does not match the required format. The complete incorrect input line is printed after the error message above.

Action

Check the input file used for the `Index_Dump_File` and determine which line is incorrect. The incorrect line is printed in the error message. The line does not have exactly one or two colons after the first field, which is the Index Type field.

Run the "sfscli startmetadatacheck" command to check for any metadata corruptions. Then consult with IBM Service on how to proceed.

HSTRE0006E Cannot find Root Fileset AttachPoint entry in dump file *dump_file*

Explanation

The input file used as the Index_Dump_File is missing a line which has the index type AttachPoint and identifies the root fileset attach point.

Here is the syntax of the line with index type AttachPoint:

[AttachPoint]: filesetId, localOID, parentFilesetId, parentObjectId, attachPointName, attachPath

Note that the line with the root fileset attach point must have these values:

parentFilesetId = 0 parentObjectId = 0 attachPath = (empty)

Here is an example of what this line should look like:

[AttachPoint]::3,1,0,0,SANFS,

Action

Check the input file used for the Index_Dump_File and determine which line is incorrect or missing. This should be the first line with the index type AttachPoint.

Run the "sfscli startmetadatacheck" command to check for any metadata corruptions. Then consult with IBM Service on how to proceed.

HSTRE0007E Cannot find SMDR Version in dump file *dump_file*

Explanation

The input file used as the Index_Dump_File is missing a line which has the index type Version. Here is an example line:

[Version]::1.0.0-st1_0323

Action

Check the input file used for the Index_Dump_File and determine which line is incorrect or missing. There should be exactly one line with the index type Version.

Run the "sfscli startmetadatacheck" command to check for any metadata corruptions. Then consult with IBM Service on how to proceed.

HSTRE0008E `rename (filename.tmp , filename) failed: ERRNO = error_number`

Explanation

The perl script function rename could not rename the temporary file filename.tmp to filename.

Action

Check the current file permissions on the output directory and filename to verify that the file is not readonly. The file should allow rename to overwrite the previous contents if the file exists, or create a new file if it does not exist.

Run the script again after making the necessary corrections.

HSTRE0009E `mkpool parameter -partsize part_size for pool pool_name is not valid.`

Explanation

The input file used as the Index_Dump_File has a line which has the index type StgPool and contains a partSize that is not valid.

Here is the syntax of the line with index type StgPool:

[StgPool]: ID, Name, lastAlloc, blockSize, allocSize, partSize, volCount, isDefault, alertPct, allocatable, description

Here is an example of a line with index type StgPool:

[StgPool]::3,testpool0,0,4096,0,16777216,0,0,80,16552,pool0 description

Note that the mkpool parameter -partsize value must be either 16, 64, or 256 megabytes. The Index_Dump_file value of the field partSize is in bytes. To calculate the -partsize value, we normalize by 2²⁰ so we divide partSize in bytes by 1048567 and round down to an integer. In the above [StgPool] example the -partsize value is 16 because 'int (16777216 / 1048567)' is equal to 16.

When the Index_Dump_file has the correct partSize values, then the resulting TankSysCLI.auto output file created by sys_metadata_dr.pl will have mkpool commands that have -partsize values of 16, 64, or 256. Here are some examples of valid mkpool commands:

mkpool -partsize 16 -thresh 80 testpool1 mkpool -partsize 64 -thresh 80 testpool2
mkpool -partsize 256 -thresh 80 testpool3

Action

Check the input file used for the Index_Dump_File and determine the StgPool line that is incorrect and has a partSize that is not valid. Under normal operation the partSize should always have a valid value.

Run the "sfscli startmetadatabasecheck" command to check for any metadata corruptions. Then consult with IBM Service on how to proceed.

HSTRE0010E mkpool parameter -allocsize *alloc_size* for pool *pool_name* is not valid.

Explanation

The input file used as the Index_Dump_File has a line which has the index type StgPool and contains an allocSize that is not valid.

Here is the syntax of the line with index type StgPool:

[StgPool]: ID, Name, lastAlloc, blockSize, allocSize, partSize, volCount, isDefault, alertPct, allocatable, description

Here are examples of lines with index type StgPool:

[StgPool]::8,testpool5,0,4096,1,16777216,0,0,80,13164,pool5 description
[StgPool]::9,testpool6,0,4096,32,16777216,0,0,80,25965,pool6 description

The Index_Dump_file value of the field allocSize is in 4K byte blocks. Note the values of allocSize in the example lines above are 1 and 32. Note that the mkpool parameter -allocsize value when used must be either 4 or 128 kilobytes. To calculate the -allocsize value we multiply allocSize by 4. In the above [StgPool] examples, the -allocsize values are 1*4=4 and 32*4=128.

The resulting TankSysCLI.auto output file created by sys_metadata_dr.pl should then have mkpool commands that have -allocsize values of 4 or 128 if the input file allocSize is nonzero (1 or 32).

Here are the corresponding examples of the valid mkpool commands:

```
mkpool -partsize 16 -allocsize 4 -thresh 80 testpool5 mkpool -partsize 16 -allocsize 128 -thresh 80 testpool6
```

Action

Check the input file used for the Index_Dump_File and determine which StgPool line that is incorrect and has a partSize that is not valid. Under normal operation, the allocSize should always have a valid value.

Run the "sfscli startmetadatacheck" command to check for any metadata corruptions. Then consult with IBM Service on how to proceed.

HSTRE0011E *script_name*: Caught SIG*signal_number*. Removing temporary files and shutting down

Explanation

The signal handler has been called to handle an incoming signal. Typically the user or another process has sent a INT or QUIT signal. The current temporary files are removed. The perl script is exited.

Action

The perl script was interrupted by an incoming signal. You might want to determine what caused the signal.

Run the script again when ready.

Chapter 9. TMVT messages

This section provides the TMVT messages.

HSTPV0001E *tmvt: terminated due to a fatal error: error_message.*

Explanation

The tmvt program failed due to the error_message displayed. The error_message might be the errno string if no internal error_message was provided.

Action

Review the error_message displayed to determine the appropriate action to correct the error.

HSTPV0002E *tmvt: terminated due to a fatal error: error_message: error_message2.*

Explanation

The tmvt program failed due to the error_message displayed. The error_message might be the errno string if no internal error_message was provided. An additional error_message2 is also displayed to provide additional information.

Action

Review the error_message and error_message2 displayed to determine the appropriate action to correct the error.

HSTPV0003E *tmvt: timeout value (timeout_value) must be an integer from 1 to maximum_timeout_value*

Explanation

The timeout value specified on the command line was not within the allowed range.

Action

Run the tmvt command again and specify a timeout value within the allowed range.

HSTPV0004E *tmvt: unexpected command line argument(s):*

Explanation

The unexpected command line arguments are displayed at the end of this error message.

Action

Check the `tmvt` usage statement for the correct command line arguments and compare with the unexpected command line arguments. Run the `tmvt` command again with the correct command line arguments.

HSTPV0005E *tmvt: could not open report file `report_filename:`
`error_message`.*

Explanation

The report file could not be opened for writing. The `errno` string is displayed as the final `error_message`.

Action

Check the `error_message` for the reason the report file could not be opened. Check the report filepath and parent directories and permissions. Check to be sure the filepath can be opened for writing. Run the `tmvt` command again after creating the missing directories or correcting the directory or file permissions.

HSTPV0006E **INVALID: machine name could not be determined. It must be configured.**

Explanation

The `tmvt` program failed to fetch and report the name of the UNIX host. The machine name was not set or could not be retrieved using `uname`.

Action

Check the machine name settings on the machine. Run the command '`uname -n`' to determine which machine name is output.

HSTPV0007E **Machine: *machine_name* FAILS TO COMPLY with requirements of *component_name* release *version_regular_expression*, build *version_level*.**

Explanation

An error occurred when evaluating the system, indicating that the system is not compliant with the required recipe. This is a summary message indicating that other failures have been detected.

Action

Investigate the error messages and report to determine what is required to make the system compliant.

HSTPV0008E Machine Name: *machine_name* evaluation stopped due to a fatal error.

Explanation

The evaluation report could not be completed due to a fatal error.

Action

Review the error messages and attempt to correct the problem before running the tmvt command again.

HSTPV0009E The *group_name* group fails to comply with the requirements of the recipe.

Explanation

The named component group does not comply with the recipe.

Action

Check the other error messages and report to determine why this component group does not comply. Correct the system or the recipe before running tmvt again.

HSTPV0010E *group_name*: stopped due to a fatal error.

Explanation

The named component group failed the validation test.

Action

Check the error messages to identify the system problem. Correct the system or the recipe before running tmvt again.

HSTPV0011E *error_type: component_description: remedy*.

Explanation

The error message displayed is composed of the error type that occurred, followed by the component description and the remedy.

Action

Correct the system based on the error message remedy, then run tmvt again.

HSTPV0012E MISSING: any combination of at least *number_required* of the following items must be installed or configured (*number_installed* were located):

Explanation

The tmvt detected a missing item required in a combination.

Action

Install the missing items and run `tmvt` again.

HSTPV0013E INVALID: A machine architecture type of *machine_type* was expected.

Explanation

The machine architecture type was determined, and it did not match the machine architecture type that was expected.

Action

Check to be sure that the machine architecture type of the machine you are installing is supported by the SAN File System.

HSTPV0014E INVALID: The machine architecture type could not be determined. A machine architecture type of *machine_type* was expected.

Explanation

The machine architecture type could not be determined, and could not be compared to the machine architecture type that was expected.

Action

Check to be sure that the machine architecture type of the machine you are installing is supported by the SAN File System.

HSTPV0015E FORBIDDEN: The machine architecture type *machine_type* is not supported.

Explanation

The machine architecture type *machine_type* is not one of the architecture types supported by SAN File System.

Action

Check the SAN File System documentation for the list of machine types that are supported by SAN File System.

HSTPV0016E Not enough memory is installed in the machine. A minimum of *memory_size* Kilobytes must be installed.

Explanation

The machine does not have enough memory to run the SAN File System.

Action

Install the minimum required memory before attempting to install the SAN File System.

HSTPV0017E INVALID: The amount of memory installed in the machine could not be determined. A minimum of *memory_size* Kilobytes must be installed.

Explanation

The amount of memory installed in the machine could not be determined, so it is not known if there is enough memory to install and run the SAN File System.

Action

Verify that the machine has the minimum amount of memory required before attempting to install the SAN File System. This might require installing more memory.

HSTPV0018E INVALID: Operating System. Expected: *os_value*, release *release_value*.

Explanation

The Operating System detected was not a supported type or version.

Action

Upgrade the Operating System to match the expected type and version that is printed in the error message.

HSTPV0019E FORBIDDEN: Operating System is not supported: *os_value*, release *release_value*.

Explanation

The Operating System is not supported by SAN File System.

Action

Upgrade the Operating System to match the required release level, or select a machine that already has the supported Operating System and release level before installing SAN File System. Check the SAN File System documentation for a list of supported Operating Systems and release levels.

HSTPV0020E INVALID: Expected *value*.

Explanation

Invalid condition is detected. The expected value is included as part of the error message.

Action

Check to determine why the expected value was not detected.

HSTPV0021E MISSING: Install and configure a Remote Supervisor Adapter II card, revision *revision_value*, firmware level *firmware_value*, driver *driver_value*, and its RS-485 network.

Explanation

The required Remote Supervisor Adapter II card could not be located by examining the table of USB devices provided by the operating system.

Action

Install and configure a Remote Supervisor Adapter II card. If one has already been installed, perform diagnostics as described in the Remote Supervisor Adapter II manuals or in the SAN File System "Maintenance and Problem Determination Guide".

HSTPV0022E FORBIDDEN: A service processor of type *service_processor_type* is not supported.

Explanation

The current installed service processor is not compatible with SAN File System.

Action

Remove the currently installed service processor, and install a service processor that is compatible with SAN File System.

HSTPV0023E MISSING: *value*: A minimum of *number* must be installed and configured.

Explanation

A controller of type *value* is missing. The number indicated gives the amount which must be installed and configured.

Action

Install and configure the required controller or controllers. If the required number have been installed, perform diagnostics as described in the documentation.

HSTPV0024E FORBIDDEN: *FCHBA_vendor FCHBA_model* Fibre Channel Host Bus Adapters are not supported.

Explanation

The specified Fibre Channel Host Bus Adapters are not supported by SAN File System.

Action

Remove the specified Fibre Channel Host Bus Adapters before attempting to install SAN File System.

HSTPV0025E FORBIDDEN: *Ethernet_Controller_vendor Ethernet_Controller_model* **Ethernet controllers are not supported.**

Explanation

The listed vendor and model of Ethernet controllers are not supported by the SAN File System.

Action

The marked Ethernet controllers must be removed from the machine on which you wish to use SAN File System.

HSTPV0026E MISSING: **There does not appear to be a connection to an IP network.**

Explanation

An IP network must be enabled and configured for SAN File System.

Action

Follow the operating system procedures for configuring your network controllers for TCP/IP.

HSTPV0027E FORBIDDEN: **TCP/IP must not be enabled; use ifconfig to remove its configuration.**

Explanation

This message will not be displayed by SAN File System 2.1.

Action

If you receive this message when running SAN File System 2.1 contact your service representative.

HSTPV0028E INVALID: **The product is not supported for the current machine.**

Explanation

The Machine Type/Model of the machine on which you are running SAN File System is not supported.

Action

Check the supported product matrix in the SAN File System documentation for the supported Machine Types and Models.

HSTPV0029E INVALID: Expected *BIOS_level*. Update the machine BIOS to this level.**Explanation**

The BIOS level detected on the machine is either out-of-date or a future version which is not yet supported by SAN File System.

Action

Install a BIOS level supported by SAN File System. Check the SAN File System documentation for the supported BIOS versions.

HSTPV0030E MISSING: The machine type and model could not be retrieved.**Explanation**

The machine did not properly respond to the request for the Machine Type/Model.

Action

- Ensure the Remote Supervisor Adapter II card is installed and functioning.
- Ensure that the mpcli module is properly installed.
- Check that the machine on which you are installing SAN File System is an IBM eServer xSeries of the supported Machine Type.

HSTPV0031E The machine name, kernel version, or architecture could not be determined.**Explanation**

The tool requires the operating system version and the architecture in order to select the proper recipe for validation. The machine name is also used for reporting purposes.

Action

For Linux machines, ensure the "uname" command returns properly.

HSTPV0032E The software package *package_name* could not be located on the system.**Explanation**

The package named could not be located on the system via the operating system's software installation mechanism.

Action

Locate the package required and install it. The package version will be described within the recipe file.

HSTPV0033E The software package *package_name* is at version *version_id* which is not supported.

Explanation

The software package *package_name* is installed on your system at level *version_id*. This version is not supported.

Action

Locate the version required and install it. The package version will be described within the recipe file. Note that this may require you to backlevel the software to fit within the recipe.

HSTPV0034W The software package *package_name* is not known.

Explanation

The software package *package_name* is not defined within the software recipe. This package may not be supported to work with SAN File System.

Action

Note the packages that fall into this category. If you encounter a problem while running SAN File System, IBM Technical Support may ask that you remove these packages.

HSTPV0035I Machine *machine_name* complies with requirements of SAN File System version *version_id*, build *build_level*.

Explanation

The machine met the requirements set forth in the recipe pertaining to this kernel version and architecture.

Action

No action is required. This is an informational message.

HSTPV0036E Unexpected *unexpected_string* found on line *line_number*.
Expected: *token_list*

Explanation

The recipe file has a syntax error on line *line_number*.

Action

If you have edited the recipe file manually, verify that your changes are correct. If you have not edited the recipe file manually, contact your service representative.

HSTPV0037E Reading the recipe file encountered an error near line *line_number*.

Explanation

The recipe file has a syntax error on line *line_number*.

Action

If you have edited the recipe file manually, verify that your changes are correct. If you have not edited the recipe file manually, contact your service representative.

HSTPV0038W An extra *initial_keyword* keyword was found on line *line_number*. This line will be discarded.

Explanation

The MEMORY, DISKSPACE, and RSA2 tokens only support one entry per recipe. Any extra lines with these tokens will be discarded.

The MEMORY and DISKSPACE lines describe a single type of fixed resource, so only one value makes sense. The RSA2 token describes supported firmware levels on a single type of card.

Action

If you have edited the recipe file manually, verify that your changes are correct. If you have not edited the recipe file manually, contact your service representative.

HSTPV0039E Due to failures reading and processing the recipe file, no checks will be performed.

Explanation

This is a summary message reflecting earlier errors regarding reading the recipe file.

Action

Take action as prescribed by earlier messages.

HSTPV0040E No software recipe was found for kernel version *kernel_version* on an architecture of *architecture_type*. This combination is unsupported.

Explanation

The recipe file does not list an acceptable recipe for the kernel version and architecture discovered by the machine. Since no recipe can be found, this is not a supported kernel version.

Action

Examine the recipe file and look for lines beginning with the keyword "KERNEL" for the supported combinations. Then, select an appropriate combination and install SAN File System after modifying the kernel or selecting a new machine.

Appendix A. Accessibility

This topic provides information about the accessibility features of SAN File System and its accompanying documentation.

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 with a mouse. 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 Arrow or Left Arrow, 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 the previous frame, press Shift+Ctrl+Tab.
- To print the current page or active frame, press Ctrl+P.

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