Cisco Nexus 3000 Series NX-OS System Messages Reference

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Preface

This document lists and describes the system messages for Cisco Nexus 3000 series switches. The system software sends these messages to the console (and, optionally, to a logging server on another system) during operation. Not all messages indicate a problem with your system. Some messages are purely informational, while others might help diagnose problems with links, internal hardware, or the system software.

This document includes system messages for all Cisco Nexus 3000 series software releases.

This preface describes the audience, organization, and conventions of this guide. It also provides information on how to obtain related documentation.

Audience

This guide is for system administrators who are responsible for managing Cisco Nexus 3000 series systems.

Organization

This guide is organized as follows:

Chapter	Title	Description
Chapter 1	Introduction to System Messages for Cisco NX-OS	Describes the structure of system messages and the format of system log files.
Chapter 2	System Messages and Recovery Procedures for the Cisco Nexus 3000 Family	Lists the messages that may appear in log files, and indicates suggested remedies where applicable for the Cisco Nexus 3000 Series.

Document Conventions

Command descriptions use these conventions:

Convention	Description
boldface font	Commands and keywords are in boldface.
italic font	Arguments for which you supply values are in italics.

[ ]	Elements in square brackets are optional.
[x | y | z]	Optional alternative keywords are grouped in brackets and separated by vertical bars.
string	A nonquoted set of characters. Do not use quotation marks around the string or the string will include the quotation marks.

Screen examples use these conventions:

`screen font`	Terminal sessions and information that the switch displays are in screen font.
`boldface screen font`	Information that you must enter is in boldface screen font.
`italic screen font`	Arguments for which you supply values are in italic screen font.
< >	Nonprinting characters, such as passwords, are in angle brackets.
[ ]	Default responses to system prompts are in square brackets.
!, #	An exclamation point (!) or a pound sign (#) at the beginning of a line of code indicates a comment line.

This document uses the following conventions:

Note Means reader *take note*. Notes contain helpful suggestions or references to material not covered in the manual.

Caution Means *reader be careful*. In this situation, you might do something that could result in equipment damage or loss of data.

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CHAPTER 1

Introduction to System Messages for Cisco NX-OS

This chapter describes system messages, as defined by the syslog protocol (RFC 3164). It describes how to understand the syslog message format and how to capture system messages for review.

This chapter contains the following sections:

- System Log Message Format, page 1-1
- Capturing System Messages and History, page 1-5

System Log Message Format

System log messages begin with a percent sign (%) and are displayed in the following formats:

- Syslog Format On a Resident Switch, page 1-1
- Syslog Format On a Remote-Logging Server, page 1-3

Syslog Format On a Resident Switch

The format for a resident syslog is:

```
month dd hh:mm:ss switchname facility-severity-MNEMONIC description
or
month dd hh:mm:ss switchname facility-SLOTnumber-severity-MNEMONIC description
or
month dd hh:mm:ss switchname facility-STANDBY-severity-MNEMONIC description
```

For example:

```
Nov 1 14:07:58 excal-113 %MODULE-5-MOD_OK: Module 1 is online
Nov 1 14:07:58 excal-113 %PORT-3-IF_UNSUPPORTED_TRANSCEIVER: Transceiver for interface
fc1/13 is not supported
.
```

Table 1-1 System Log Message Format Description

Element	Description
month dd	The date and month of the error or event
hh:mm:ss	The time of the error or event

Table 1-1 System Log Message Format Description (continued)

Element	Description
switchname	The name of the switch
facility	The facility of the error or event (daemon, kernel, VSHD, or other facility)
severity	Single-digit code from 0 to 7 that indicates the severity of the message
MNEMONIC	Text string that uniquely describes the system message
%$VDC #%$	An optional virtual device context (VDC) ID that appears in the description for messages requiring VDC IDs
%$VRF #%$	An optional virtual routing and forwarding (VRF) ID that appears in the description for messages requiring VRF IDs
description	Text string containing detailed information about the event being reported

`FACILITY` is a code consisting of two or more uppercase letters that indicate the facility to which the system message refers. A facility is a hardware device, a protocol, a feature, or a module of the system software.

System message `SEVERITY` codes range from 0 to 7 and reflect the severity of the condition. The lower the number, the more serious the situation. Table 1-2 lists the severity levels.

Table 1-2 System Message Severity Levels

Level	Description
0 – emergency	System unusable
1 – alert	Immediate action needed
2 – critical	Critical condition
3 – error	Error condition
4 – warning	Warning condition
5 – notification	Normal but significant condition
6 – informational	Informational message only
7 – debugging	Appears during debugging only

`MNEMONIC` is a code that uniquely identifies the system message.

`Message-text` is a text string that describes the condition. This portion of the message might contain detailed information about the event, including terminal port numbers, network addresses, or addresses that correspond to locations in the system memory address space. Because the information in these variable fields changes from message to message, it is represented here by short strings enclosed in square brackets (`[ ]`). A decimal number, for example, is represented as `[dec]`.

Table 1-3 lists the representations of variable fields and the type of information in the fields.

Table 1-3 Representation of Variable Fields in System Messages

Representation	Type of Information
[dec]	Decimal number
[hex]	Hexadecimal number

Table 1-3 Representation of Variable Fields in System Messages

Representation	Type of Information
[char]	Single character
[chars]	Character string

The following example system message shows how the variable field might be used:

```
%MODULE-5-MOD_MINORSWFAIL: Module [dec] reported a failure in service [chars]
```

In this example,

Facility code =MODULE (indicating that it is a module-specific error)

Severity =5 (notification)

Alarm/event code= MOD_MINORSWFAIL

Description of the problem= `Module [dec] reported a failure in service [chars]`

[dec] is the module slot number associated with this message.

[chars] is the service name that experienced this failure.

System log messages begin with a percent sign (%) and are displayed in the following format (see Table 1-4).

Syslog Format On a Remote-Logging Server

The syslog format on a remote-logging server is:

`month dd hh:mm:ss` IP-addr-switch : year month day hh:mm:ss Timezone: `facility-severity-MNEMONIC description`
or
`month dd hh:mm:ss` IP-addr-switch : year month day hh:mm:ssTimezone:
`facility-`**`SLOT`**`number-severity-MNEMONIC description`
or
`month dd hh:mm:ss` IP-addr-switch : year month day hh:mm:ss Timezone: `facility-`**`STANDBY`**`-severity-MNEMONIC description`

For example:

```
sep 21 11:09:50 172.22.22.45 : 2005 Sep 04 18:18:22 UTC: %AUTHPRIV-3-SYSTEM_MSG: ttyS1:
togetattr: Input/output error - getty[28224]
switch resident syslog 2005 Sep 4 18:18:22 switch %AUTHPRIV-3-SYSTEM_MSG: ttyS1:
togetattr: Input/output error - getty[28224]
time on switch : 2005 Sep 4 18:18:22 time on Loggng Server : Sep 21 11:09:50
fc1/13 is not supported
.
```

Table 1-4 System Log Message Format Description

Element	Description
month dd	The date and month of the error or event
hh:mm:ss	The time of the error or event
IP-addr-switch	The IP address of the switch
facility	The facility of the error or event (daemon, kernel, VSHD, or other facility)
severity	Single-digit code from 0 to 3 that indicates the severity of the message
MNEMONIC	Text string that uniquely describes the system message

Table 1-4 System Log Message Format Description (continued)

Element	Description
%$VDC #%$	An optional virtual device context (VDC) ID that appears in the description for messages requiring VDC IDs
%$VRF #%$	An optional virtual routing and forwarding (VRF) ID that appears in the description for messages requiring VRF IDs
description	Text string containing detailed information about the event being reported

`FACILITY` is a code consisting of two or more uppercase letters that indicate the facility to which the system message refers. A facility is a hardware device, a protocol, a feature, or a module of the system software.

System message `SEVERITY` codes range from 0 to 3 and reflect the severity of the condition. The lower the number, the more serious the situation. Table 1-5 lists the severity levels.

Table 1-5 System Log Message Format description

Level	Description
0 – emergency	System unusable
1 – alert	Immediate action needed
2 – critical	Critical condition
3 – notification	Normal but significant condition

`MNEMONIC` is a code that uniquely identifies the system message.

`Message-text` is a text string that describes the condition. This portion of the message might contain detailed information about the event, including terminal port numbers, network addresses, or addresses that correspond to locations in the system memory address space. Because the information in these variable fields changes from message to message, it is represented here by short strings enclosed in square brackets (`[ ]`). A decimal number, for example, is represented as `[dec]`.

Table 1-6 lists the representations of variable fields and the type of information in the fields.

Table 1-6 Representation of Variable Fields in System Messages

Representation	Type of Information
[dec]	Decimal number
[hex]	Hexadecimal number
[char]	Single character
[chars]	Character string

The following example system message shows how the variable field might be used:

```
%AUTHPRIV-3-SYSTEM_MSG: AUTHPRIV [dec] reported a failure in service [chars]
```

In this example,

Facility code =AUTHPRIV (indicating that it is a authpriv-specific error)

Severity =3 (notification)

Alarm/event code= SYSTEM_MSG

Description of the problem= Authpriv `[dec] reported a failure in service [chars]`

[dec] is the module slot number associated with this message.

[chars] is the service name that experienced this failure.

Capturing System Messages and History

The system messages are displayed instantly on the console, by default, or are redirected to an internal log file, or a syslog server. System message severity levels correspond to the keywords assigned by the **logging** global configuration commands. These keywords define where and at what level these messages appear (see to the *Cisco NX-OS System Management Configuration Guide)*. Only system messages that correspond to the configured logging level or higher severity messages are logged. As an example, if you set the logging level to 3 (error), then you get error, critical, alerts, and emergency system messages, but you do not get warning, notification, informational, or debugging system messages.

For complete information about handling system messages, see the *Cisco NX-OS System Management Configuration Guide, Release 4.1*.

Saving the System Messages Log

The **logging logfile** global configuration command enables copying of system messages to an internal log file and optionally sets the size of the file. To display the messages that are logged in the file, use the **show logging** EXEC command. The first message displayed is the oldest message in the buffer. To clear the current contents of the buffer, use the **clear debug-logfile** command.

Logging System Messages to a Syslog Server

The **logging** *host-name* command identifies a syslog server host to receive logging messages. The *host-name* argument is the name or Internet address of the host. By issuing this command more than once, you build a list of syslog servers that receive logging messages. The **no logging** *host-name* command deletes the syslog server with the specified address from the list of syslog servers.

CHAPTER 2

System Messages and Recovery Procedures for the Cisco Nexus 3000 Family

This chapter includes system messages for the Cisco NX-OS Nexus 3000 family of switches. The messages are listed in alphabetical order by the system facility that produces them. Within each system facility section, messages are listed alphabetically by severity and mnemonics. Each error message is followed by an explanation and a recommended action.

AAA Messages

This section contains the AAA messages.

AAA-1

Error Message `AAA-1-AAA_SESSION_LIMIT_REJECT: aaa request rejected as maximum aaa sessions are in progress`

Explanation Aaa request rejected as the limit for maximum concurrent aaa sessions is reached

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

AAA-2

Error Message `AAA-2-AAA_NVRAM_UPGRADE_FAILURE: upgrading of accounting log failed. [chars]`

Explanation Upgrading of accounting log failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `AAA-2-AAA_PROGRAM_EXIT: aaa daemon exiting: [chars]`

Explanation Aaa daemon is exiting.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

AAA-3

Error Message `AAA-3-AAA_NVRAMFAILURE: nvram failure`

Explanation Nvram can not be read/written to. Hence accounting log can not be stored there

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

AAA-6

Error Message `AAA-6-AAA_ACCOUNTING_MESSAGE: [chars]`

Explanation Accounting Message

Recommended Action No action is required.

AAM Messages

This section contains the AAM messages.

AAM-2

Error Message `AAM-2-ELS_FC2_GL_SINDEX_LOOKUP_FAILED: Failed to lookup global port index for interface [[chars]]`

Explanation Failed to lookup global port index for interface [chars]

Recommended Action No action is required.

AAM-3

Error Message `AAM-3-ALLOC_FAILED: Failed in File:[chars] Line:[dec] for type [dec] size [dec]`

Explanation AAM process could not allocate heap memory in File:[chars], at line:[dec], for memory-type:[dec] of Size:[dec]

Recommended Action No action is required.

Error Message `AAM-3-ASSERTION_FAILED: Failed in File:[chars] Line:[dec]`

Explanation AAM Process assertion failed in File:[chars], at line:[dec]

Recommended Action No action is required.

ACLLOG Messages

This section contains the ACLLOG messages.

ACLLOG-4

Error Message `ACLLOG-4-ACLLOG_MAXFLOW_REACHED: [chars]`

Explanation Max flow reached in current interval: [chars]

Recommended Action No action is required.

Error Message `ACLLOG-4-ACLLOG_THRESHOLD: [chars]`

Explanation Threshold Reached for Flow: [chars]

Recommended Action No action is required.

ACLLOG-6

Error Message `ACLLOG-6-ACLLOG_FLOW_INTERVAL: [chars]`

Explanation Flow info in current alert interval: [chars]

Recommended Action No action is required.

Error Message `ACLLOG-6-ACLLOG_NEW_FLOW: [chars]`

Explanation New Acllog Flow: [chars]

Recommended Action No action is required.

ACLMGR Messages

This section contains the ACLMGR messages.

ACLMGR-2

Error Message `ACLMGR-2-ACLMGR_COMMIT_FAIL: Commit failed: client %llX, [chars]`

Explanation The PPF commit failed

Recommended Action No action is required.

Error Message `ACLMGR-2-ACLMGR_NO_ERRDISABLED: [chars] event on interface [chars] ([hex]) allowed to succeed in spite of access-list failure`

Explanation Although an access-list operation failed during a port event, the port event still finished successfully because errdisable is disallowed

Recommended Action No action is required.

Error Message `ACLMGR-2-EXITING: Exit reason: [chars]`

Explanation The ACLMGR service process has exited due to [char]. The process has probably been restarted automatically.

Recommended Action No action is required.

Error Message `ACLMGR-2-INITFAIL: ACLMGR Service Init failed: [chars]`

Explanation ACLMGR Service initialization failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message `ACLMGR-2-MALLOC_ERROR: Size [dec] bytes`

Explanation The ACLMGR service could not allocate memory.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `ACLMGR-2-PSS_ERROR: [chars]: PSS ret. val=[dec]`

Explanation The ACLMGR service encountered error while operating on a persistent storage database.

Recommended Action No action is required.

ACLMGR-3

Error Message `ACLMGR-3-ACLMGR_ACL_ON_FAB_INACTIVE: ACL on FEX fabric interface not activated`

Explanation ACL applied to a FEX fabric port or port-channel is not activated

Recommended Action No action is required.

Error Message `ACLMGR-3-ACLMGR_ACL_OVER_FAB_CHANNEL: ACL on FEX fabric port-channel bound interface not activated`

Explanation ACL applied to a FEX interface is not activated if the interface is bound to a FEX-fabric portchannel

Recommended Action No action is required.

Error Message `ACLMGR-3-ACLMGR_DB_LOCK_MSG: ACL database message, reason: [chars], session 0x%llx, type: [chars]`

Explanation ACL PPF database lock acquire/release related message.

Recommended Action No action is required.

Error Message `ACLMGR-3-ACLMGR_PPF_ERROR: PPF error: [chars]`

Explanation The PPF generated error

Recommended Action No action is required.

Error Message `ACLMGR-3-ACLMGR_PSS_CORRUPTED: [chars] PSS found corrupted`

Explanation The ACLMGR service has detected corruption in one of its persistent information database. The database would be recreated.

Recommended Action No action is required.

Error Message `ACLMGR-3-ACLMGR_STAT_CONSOLIDATION_FAILURE: ACL statistic parsing or consolidation failed`

Explanation A statistic update failed during the parsing or consolidation step; statistics may have been lost

Recommended Action No action is required.

Error Message `ACLMGR-3-ACLMGR_VACL_REDIRECTION_DISABLED_REMOVAL: VACL redirection to interface [chars] ([hex]) disabled: the port has been removed`

Explanation A VACL redirection to the port has been deactivated because the port has been removed

Recommended Action No action is required.

Error Message `ACLMGR-3-ACLMGR_VERIFY_FAIL: Verify failed: client %llX, [chars]`

Explanation The PPF Verify failed

Recommended Action No action is required.

Error Message `ACLMGR-3-MTSERROR: [chars]`

Explanation ACLMGR Service encountered an MTS error. [chars] specifies the context where the error occured.

Recommended Action No action is required.

ACLMGR-4

Error Message `ACLMGR-4-ACLMGR_PPF_WARNING: PPF warning: [chars]`

Explanation The PPF generated warning

Recommended Action No action is required.

Error Message `ACLMGR-4-ACLMGR_VACL_REDIRECTION_DISABLED_PCM: VACL redirection to interface [chars] ([hex]) disabled: the port became a portchannel member`

Explanation A VACL redirection to the port has been temporarily deactivated because it is now a member in a port channel

Recommended Action No action is required.

Error Message `ACLMGR-4-PSS_VERSION_MISMATCH: PSS [dec] Code [dec]`

Explanation There was a version mismatch between the ACLMGR service and one of its persistent storage databases. The persistent information has been translated to the new format.

Recommended Action No action is required.

ACLMGR-6

Error Message `ACLMGR-6-ACLMGR_PPF_NOTIF: PPF notification: [chars]`

Explanation The PPF generated notification

Recommended Action No action is required.

Error Message `ACLMGR-6-BECAME_ACTIVE: Became ACTIVE from standby mode`

Explanation The ACLMGR service on the standby supervisor became active and it is ready to serve client requests.

Recommended Action No action is required.

Error Message `ACLMGR-6-BECAME_STDBY: Became STANDBY from active mode`

Explanation The ACLMGR service became standby from active mode.

Recommended Action No action is required.

Error Message `ACLMGR-6-FAILED_TO_SEND_HEARTBEAT: Failed to send heartbeat to system manager: Reason=[chars]`

Explanation The ACLMGR service was unable to send heartbeat to the system manger

Recommended Action No action is required.

Error Message `ACLMGR-6-SERVICE_UP: Initialized [chars]`

Explanation The ACLMGR service is up and ready The service was initialized in [char] mode.

Recommended Action No action is required.

Error Message `ACLMGR-6-SRVEXIT: ACLMGR Service shutting down gracefully`

Explanation ACLMGR Service is shutting down gracefully. This is an informational message.

Recommended Action No action is required.

Error Message `ACLMGR-6-SWITCHOVER: Switching Over to other Sup.`

Explanation The ACLMGR service has successfully switched over to the standby supervisor card.

Recommended Action No action is required.

ACLQOS Messages

This section contains the ACLQOS messages.

ACLQOS-SLOT#-2

Error Message `ACLQOS-SLOT#-2-ACLQOS_FAILED: ACLQOS failure: [chars]`

Explanation ACLQOS operation failed in the aclqos client

Recommended Action No DDTS.

Error Message `ACLQOS-SLOT#-2-ACLQOS_INBAND_INTERFACE_FAILURE: Inband interface lif lookup failed ([chars])`

Explanation Inband interface lif lookup failed

Recommended Action No DDTS.

Error Message `ACLQOS-SLOT#-2-ACLQOS_MALLOC_FAILED: Memory allocation failed. [chars]`

Explanation Memory allocation failed. This is a critical failure

Recommended Action No DDTS.

Error Message `ACLQOS-SLOT#-2-ACLQOS_OOTR: Tcam resource exhausted: [chars]`

Explanation Tcam resources to program acls exhausted

Recommended Action No DDTS.

Error Message `ACLQOS-SLOT#-2-PPF_FAILED: Database failure: [chars]`

Explanation Database operation failed in the aclqos client

Recommended Action No DDTS.

ACLQOS-SLOT#-3

Error Message `ACLQOS-SLOT#-3-ACLQOS_CC_INVALID: Invalid Congestion Control parameters`

Explanation Invalid Congestion Control parameters

Recommended Action No DDTS.

Error Message `ACLQOS-SLOT#-3-ACLQOS_PAUSE_INVALID: Invalid Pause parameters`

Explanation Invalid Pause parameters

Recommended Action No DDTS.

Error Message `ACLQOS-SLOT#-3-ACLQOS_QUEUING_ERROR: ACL/QoS queuing error: [chars]`

Explanation Internal error in ACL/QoS queuing config

Recommended Action No DDTS.

ACLQOS-SLOT#-4

Error Message `ACLQOS-SLOT#-4-ACLQOS_ATOMIC_ERR: [chars]`

Explanation Tcam will be overused, please turn off atomic update

Recommended Action No DDTS.

Error Message `ACLQOS-SLOT#-4-ACLQOS_MATCH_ALL_MERGE_UPDATE: Warning (match_all merging): [chars]`

Explanation Warning (match_all merging)

Recommended Action No DDTS.

Error Message `ACLQOS-SLOT#-4-ACLQOS_OVER_THRESHOLD: Tcam [dec] Bank [dec]'s usage has reached its threshold`

Explanation Tcam is almost full

Recommended Action No DDTS.

Error Message `ACLQOS-SLOT#-4-ACLQOS_QUEUING_COS2Q_INVALID: ACL/QoS invalid queuing policy because of cos map change: [chars] queue [chars], interface [chars]`

Explanation Attemped to configure an invalid queuing policy

Recommended Action No DDTS.

Error Message `ACLQOS-SLOT#-4-ACLQOS_QUEUING_INVALID: ACL/QoS invalid queuing policy: [chars]`

Explanation Attemped to configure an invalid queuing policy

Recommended Action No DDTS.

Error Message `ACLQOS-SLOT#-4-ACLQOS_UNDER_THRESHOLD: Tcam [dec] Bank [dec]'s usage is below the threshold now`

Explanation Tcam's usage is below the threshold

Recommended Action No DDTS.

Error Message `ACLQOS-SLOT#-4-ACLQOS_WARNING: ACLQOS Warning: [chars]`

Explanation ACLQOS Warnings

Recommended Action No DDTS.

ACLQOS-SLOT#-5

Error Message `ACLQOS-SLOT#-5-ACLQOS_DISRUPTIVE_IPv6_UPDATE: Disruptive update of IPv6 compression entries`

Explanation Disruptive IPv6 compression entries update

Recommended Action No DDTS.

Error Message `ACLQOS-SLOT#-5-ACLQOS_NON_ATOMIC: Non atomic ACL/QoS policy update done for [chars]`

Explanation Non atomic ACL/QoS policy update was done

Recommended Action No DDTS.

ACLTCAM Messages

This section contains the ACLTCAM messages.

ACLTCAM-2

Error Message `ACLTCAM-2-ACL_TCAM_ADJ_EXHAUSTED: ACLTCAM failed to program route for VSAN: [dec], SID: [chars] DID: [chars], error: [chars].`

Explanation ACLTCAM process experienced a failure while programming route for VSAN [dec] SID [chars] DID [chars] due to resource exhaustion. [chars] is the error code.

Recommended Action No action is required.

Error Message `ACLTCAM-2-ACL_TCAM_ALMOST_FULL: TCAM close to FULL. [chars] TCAM Usage ([dec]/[dec]) exceeded [dec]% fwd-eng: [dec], [chars]`

Explanation [chars] TCAM usage [dec]/[dec] exceeded [dec] percent on fwd-engine [dec], [chars]

Recommended Action No action is required.

Error Message `ACLTCAM-2-ACL_TCAM_CONFIG_READ_FROM_DRIVER_FAILED: [chars] [dec], Error: [hex].`

Explanation Unable to read configuration from forwarding engine ASIC driver. [chars] [dec], Error: 0x[hex].

Recommended Action No action is required.

Error Message `ACLTCAM-2-ACL_TCAM_CONFIG_WRITE_TO_DRIVER_FAILED: [chars] [dec], Error: [hex].`

Explanation Unable to write configuration to forwarding engine ASIC driver. [chars] [dec], Error: 0x[hex].

Recommended Action No action is required.

Error Message `ACLTCAM-2-ACL_TCAM_FLOW_STATS_READ_FAILED: Hardware flow stats read failed(ASIC: [dec], [chars] TCAM, Address: [dec], Num Entries: [dec], Error: [chars]).`

Explanation Hardware flow stats read failed(ASIC: [dec], [chars] TCAM, Address: [dec], Num Entries: [dec] Error: [chars]).

Recommended Action No action is required.

Error Message `ACLTCAM-2-ACL_TCAM_INCONSISTENT_DATABASE: Database found inconsistent.`

Explanation Database found inconsistent.

Recommended Action No action is required.

Error Message `ACLTCAM-2-ACL_TCAM_INCONSISTENT_TCAM_CONTENTS: TCAM contents found inconsistent.`

Explanation TCAM contents are found inconsistent.

Recommended Action No action is required.

Error Message `ACLTCAM-2-ACL_TCAM_INIT_FAILED: Initialization failed for forwarding engine ASIC: [dec], [chars] TCAM.`

Explanation Initialization failed for forwarding engine ASIC [dec], in [chars] TCAM.

Recommended Action No action is required.

Error Message `ACLTCAM-2-ACL_TCAM_INIT_REGIONS_FAILED: Initialization failed for forwarding engine ASIC: [dec], [chars] TCAM, [chars] Region.`

Explanation Initialization of regions failed for forwarding engine ASIC [dec], in [chars] TCAM, for [chars] Region.

Recommended Action No action is required.

Error Message `ACLTCAM-2-ACL_TCAM_MALLOC_FAILURE: Memory allocation failed for size [dec].`

Explanation Memory allocation is failed for size [dec] bytes.

Recommended Action Restart the process.

Error Message `ACLTCAM-2-ACL_TCAM_MTS_FAILURE: MTS operation failed: [chars].`

Explanation MTS operation failed. [chars] is the reason.

Recommended Action No action is required.

Error Message `ACLTCAM-2-ACL_TCAM_MTS_REGISTRATION_FAILED: MTS registration failed for opCode: [dec].`

Explanation MTS registration failed for opCode: [dec].

Recommended Action No action is required.

Error Message `ACLTCAM-2-ACL_TCAM_NO_ROUTE: ACLTCAM failed to get route for VSAN: [dec], Rewrite: [chars] DID: [chars] DID MASK: [chars], error: [hex].`

Explanation ACLTCAM process experienced a failure while getting route for VSAN [dec] Rewrite [chars] DID [chars] DID Mask [chars]. [hex] is the error code.

Recommended Action No action is required.

Error Message `ACLTCAM-2-ACL_TCAM_NO_TCAM_LEFT: ACLTCAM resource exhausted for interface : [chars]`

Explanation ACLTCAM hardware resource is completely used.

Recommended Action No action is required.

Error Message `ACLTCAM-2-ACL_TCAM_PHY_TCAM_READ_FAILED: [chars] read from hardware TCAM failed(ASIC: [dec], [chars] TCAM, Address: [dec], Num Entries: [dec], Error: [chars]).`

Explanation [chars] read from hardware TCAM failed(ASIC: [dec], [chars] TCAM, Address: [dec], Num Entries: [dec] Error: [chars]).

Recommended Action No action is required.

Error Message `ACLTCAM-2-ACL_TCAM_PHY_TCAM_READ_INVALID: Invalid([chars], value: [dec]) TCAM entry read from hardware TCAM (FWD-Engine: [dec], [chars] TCAM, Address: [dec]), Ignoring this entry.`

Explanation Invalid([chars], value: [dec]) TCAM entry from hardware TCAM(FWD-Engine: [dec], [chars] TCAM, Address: [dec]) Ignoring this entry

Recommended Action No action is required.

Error Message `ACLTCAM-2-ACL_TCAM_PHY_TCAM_WRITE_FAILED: [chars] write to hardware TCAM failed(ASIC: [dec], [chars] TCAM, Address: [dec], Num Entries: [dec], Error: [chars]).`

Explanation [chars] write to hardware TCAM failed(ASIC: [dec], [chars] TCAM, Address: [dec], Num Entries: [dec] Error: [chars]).

Recommended Action No action is required.

Error Message `ACLTCAM-2-ACL_TCAM_PSS_FAILURE: Failed to do PSS operation: [chars], reason: [hex].`

Explanation Failed to do PSS operation [chars]. [hex] is the reason.

Recommended Action No action is required.

Error Message `ACLTCAM-2-PSS_OPEN_FAILED: PSS open failed - [hex].`

Explanation Persistent database handle could not obtained for ACLTCAM. [hex] is the error.

Recommended Action No action is required.

Error Message `ACLTCAM-2-RECONS_FAILED: Reconstruction of TCAM contents failed during upgrade - [hex].`

Explanation During non-disruptive upgrade, the ACLTCAM contents are not properly reconstructed. [hex] is the error.

Recommended Action No action is required.

ACLTCAM-3

Error Message `ACLTCAM-3-REGISTER_FAILED: Could not register to MTS opcode [chars] - error [hex].`

Explanation ACLTCAM process could not register to the notifications mentioned by [chars]. [hex] is the error.

Recommended Action No action is required.

ACLTCAM-4

Error Message `ACLTCAM-4-ACL_TCAM_BELOW_THRESHOLD: [chars] TCAM usage ([dec]/[dec]) fell below [dec]% fwd-eng: [dec], [chars]`

Explanation [chars] TCAM usage [dec]/[dec] fell below [dec] percent on fwd-engine [dec], [chars]

Recommended Action No action is required.

Error Message `ACLTCAM-4-ACL_TCAM_BEYOND_THRESHOLD: [chars] TCAM usage ([dec]/[dec]) exceeded [dec]% fwd-eng: [dec], [chars]`

Explanation [chars] TCAM usage [dec]/[dec] exceeded [dec] percent on fwd-engine [dec], [chars]

Recommended Action No action is required.

Error Message `ACLTCAM-4-ACL_TCAM_FLOW_COUNTER_INVALIDATED: Flow counter for flow: vsan: [dec], sid: [hex], did: [hex] with statistics: frames = %llu & bytes = %llu was invalidated due to: [chars]`

Explanation ACLTCAM process invalidated the flow counter for flow VSAN [dec] SID [hex] DID [hex] with collected stats of [dec] frames and [dev] bytes was invalidated because of reason [[chars]].

Recommended Action No action is required.

Error Message `ACLTCAM-4-ACL_TCAM_FLOW_COUNTER_VALIDATED: Flow counter for flow: vsan: [dec], sid: [hex], did: [hex] is now valid`

Explanation ACLTCAM process validated the flow counter for flow VSAN [dec] SID [hex] DID [hex].

Recommended Action No action is required.

ACLTCAM-6

Error Message `ACLTCAM-6-ACL_TCAM_STATUS: Status: [chars].`

Explanation ACLTCAM status is reported as: [chars].

Recommended Action No action is required.

ACL Messages

This section contains the ACL messages.

ACL-2

Error Message `ACL-2-ACL_HA_FAILURE: Failed to do high availability operation: [chars].`

Explanation Failed to do high availability operation. [chars] is the reason.

Recommended Action No action is required.

Error Message `ACL-2-ACL_INIT_FAILED: Initialization failed for ACL: [chars], reason: [hex].`

Explanation Initialization failed for ACL due to [chars], reason: [hex].

Recommended Action No action is required.

Error Message `ACL-2-ACL_LINECARD_STATUS: Status from linecard: [dec], for module: [chars](ID: [dec]), status : [dec], error_id: [hex], catastrophic: [chars], restart count: [dec].`

Explanation Status from linecard: [dec], for module: [chars](ID: [dec]), status : [dec], error_id: [hex], catastrophic: [chars], restart count: [dec].

Recommended Action No action is required.

Error Message `ACL-2-ACL_MTS_FAILURE: Failed to do MTS operation: [chars].`

Explanation Failed to do MTS operation. [chars] is the reason.

Recommended Action No action is required.

Error Message `ACL-2-ACL_MTS_REGISTRATION_FAILED: MTS options setting to [hex] failed for opCode: [dec].`

Explanation MTS options setting to [hex] failed for opCode: [dec].

Recommended Action No action is required.

Error Message `ACL-2-ACL_PENDING_MSG_ARR_FULL: ACL Upgrade Pending Messages Array is Full with [dec] messages. Failing the MTS message with Opc: [dec], RR_TOKEN: [hex]`

Explanation ACL Upgrade Pending Messages Array is Full with [dec] messages. Failing the MTS message with Opc: [dec], RR_TOKEN: [hex]

Recommended Action No action is required.

Error Message `ACL-2-ACL_PSS_FAILURE: Failed to do PSS operation: [chars], reason: [hex].`

Explanation Failed to do PSS operation [chars]. [hex] is the reason.

Recommended Action No action is required.

Error Message `ACL-2-ACL_PSS_VER_FAIL: PSS file [chars] has version [dec].[dec].[dec], expected version [dec].[dec].[dec].`

Explanation There was a mismatch in the PSS version. [chars] indicates the PSS service, [dec].[dec].[dec] its current version number and [dec].[dec].[dec] the expected version.

Recommended Action No action is required.

Error Message `ACL-2-ACL_RUNTIME_FAILURE: [chars] [dec], Error: [hex]`

Explanation ACL runtime failure is reported as [chars] [dec], reason: [hex].

Recommended Action No action is required.

Error Message `ACL-2-ACL_TCAM_FAILURE: Failed to do TCAM operation: [chars].`

Explanation Failed to do TCAM operation. [chars] is the reason.

Recommended Action No action is required.

ACL-4

Error Message `ACL-4-ACL_WARNING: [chars] [dec]`

Explanation ACL warning messages is reported as [chars] [dec].

Recommended Action No action is required.

ACL-5

Error Message `ACL-5-ACL_ADJ_SHARING_STATUS: Successfully completed [chars] on Generation 2 linecards.`

Explanation Successfully completed the command \[chars]\ on Generation 2 linecards.

Recommended Action No action is required.

ACL-6

Error Message `ACL-6-ACL_DIAG_EVENT_STATUS: [chars] [hex].`

Explanation ACL system health management event status is reported as [chars] [hex].

Recommended Action No action is required.

Error Message `ACL-6-ACL_E_PORT_EVENT_STATUS: [chars] [chars].`

Explanation ACL xEport event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message `ACL-6-ACL_FCC_EVENT_STATUS: [chars] [chars].`

Explanation ACL FCC event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message `ACL-6-ACL_LINECARD_EVENT_STATUS: [chars] [hex].`

Explanation ACL linecard event status is reported as [chars] [dec].

Recommended Action No action is required.

Error Message `ACL-6-ACL_MCAST_EVENT_STATUS: [chars] [chars].`

Explanation ACL multicast event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message `ACL-6-ACL_NX_PORT_EVENT_STATUS: [chars] [chars].`

Explanation ACL Nx Port event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message `ACL-6-ACL_PORT_MODE_EVENT_STATUS: [chars] [chars].`

Explanation ACL portmode event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message `ACL-6-ACL_RUNTIME_STATUS: [chars] [dec]`

Explanation ACL runtime status is reported as [chars] [dec].

Recommended Action No action is required.

Error Message `ACL-6-ACL_SPAN_DEST_CONFIG_STATUS: [chars] [chars].`

Explanation ACL SPAN destination config event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message `ACL-6-ACL_SPAN_SRC_CONFIG_STATUS: [chars] [chars].`

Explanation ACL SPAN source config event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message `ACL-6-ACL_STATUS: ACL Status: [chars].`

Explanation ACL status is reported as [chars].

Recommended Action No action is required.

Error Message `ACL-6-ACL_UPDATE_SSRAM_QOS_EVENT_STATUS: [chars] [chars].`

Explanation ACL update SSRAM for QoS event status is reported as [chars] [chars].

Recommended Action No action is required.

ASCII-CFG Messages

This section contains the ASCII-CFG messages.

ASCII-CFG-2

Error Message `ASCII-CFG-2-ACFG_CONFIGURATION_APPLY_ERROR: Error encountered while Ascii configuration was being applied. Please use show startup-config log to view details`

Explanation At least one command failed while Ascii configuration was being applied

Recommended Action No action is required.

Error Message `ASCII-CFG-2-ACFG_LIB_INVOKE_ERR: Ascii config library invocation error: [chars]`

Explanation Error encountered while library function was being invoked to display Ascii configuration

Recommended Action No action is required.

Error Message `ASCII-CFG-2-ACFG_OPER_FAIL: Operation failed because of [chars]`

Explanation Operation failed

Recommended Action No action is required.

Error Message `ASCII-CFG-2-ACFG_ROLLBACK_FAILED: Rollback to checkpoint [chars] Failed, Going to undo the changes (atomic option)`

Explanation Rollback operation failed for atomic option

Recommended Action No action is required.

Error Message `ASCII-CFG-2-ACFG_ROLLBACK_UNDO_FAILED: Undo failed for atomic Rollback, Please correct the error manually and retry rollback`

Explanation Undoing the rollback changes (for atomic behavior) Failed

Recommended Action No action is required.

Error Message `ASCII-CFG-2-ACFG_SYSLOG_INIT_FAILED: Ascii config Syslog Init Error`

Explanation Error encountered while Initializing Syslog for Ascii Config

Recommended Action No action is required.

Error Message `ASCII-CFG-2-PSS_VER_FAIL: PSS file [chars] has version [dec].[dec].[dec], expected version [dec].[dec].[dec]`

Explanation There was a mismatch in the PSS version. [chars] indicates the PSS service, [dec].[dec].[dec] its current version number and [dec].[dec].[dec] the expected version

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

ASCII-CFG-3

Error Message `ASCII-CFG-3-ACFG_MTSERROR: [chars]`

Explanation Ascii-cfg-server (rollback process) encountered an MTS error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

ASCII-CFG-6

Error Message `ASCII-CFG-6-ACFG_CHECKPOINT_CLEAR_DATABASE: cleared all the configuration checkpoints`

Explanation Cleared all the configuration checkpoints

Recommended Action No action is required.

Error Message `ASCII-CFG-6-ACFG_CHECKPOINT_CREATED: Created configuration checkpoint [chars]`

Explanation Created configuration checkpoint

Recommended Action No action is required.

Error Message `ASCII-CFG-6-ACFG_CHECKPOINT_DELETED: Deleted configuration checkpoint [chars]`

Explanation Deleted configuration checkpoint

Recommended Action No action is required.

Error Message `ASCII-CFG-6-ACFG_MAX_CHECKPOINTS: Maximum no of checpoints reached, Removing the oldest checkpoint`

Explanation Maximum no.of checkpoints reached, removing the oldest checkpoint

Recommended Action No action is required.

Error Message `ASCII-CFG-6-ACFG_ROLLBACK_ATOMIC: Performing configuration rollback to checkpoint [chars] (with atomic option)`

Explanation Performing configuration rollback with atomic option

Recommended Action No action is required.

Error Message `ASCII-CFG-6-ACFG_ROLLBACK_BEST: Performing configuration rollback to checkpoint [chars] (with best-effort option)`

Explanation Performing configuration rollback with best-effort option

Recommended Action No action is required.

Error Message `ASCII-CFG-6-ACFG_ROLLBACK_FIRST_ERR: Performing configuration rollback to checkpoint [chars] (with stop-at-first failure option)`

Explanation Performing configuration rollback with stop-at-first-failure option

Recommended Action No action is required.

Error Message `ASCII-CFG-6-INFORMATION: [chars]`

Explanation An event happend that affects Acfg-Rollback. [chars] indicates the event

Recommended Action No action is required.

Error Message `ASCII-CFG-6-PSS_ERR: [chars]`

Explanation An error occurred during an Acfg PSS operation. [chars] indicates the PSS operation that caused the error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

ASSOC MGR Messages

This section contains the ASSOC MGR messages.

ASSOC MGR-0

Error Message `ASSOC_MGR-0-EMERGENCY_MSG: [chars]`

Explanation Association Manager Emergency Message

Recommended Action Please file the bug for Association Manager Component thro' CDETS

ASSOC_MGR-1

Error Message `ASSOC_MGR-1-ALERT_MSG: [chars]`

Explanation Association Manager Alert Message

Recommended Action Association Manager Internal Operation Alert

ASSOC_MGR-2

Error Message `ASSOC_MGR-2-CRITICAL_MSG: [chars]`

Explanation Association Manager Critical Message

Recommended Action No action is required.

ASSOC_MGR-3

Error Message `ASSOC_MGR-3-ERROR_MSG: [chars]`

Explanation Association Manager Error Message

Recommended Action No action is required.

ASSOC_MGR-4

Error Message `ASSOC_MGR-4-WARN_MSG: [chars]`

Explanation Association Manager Warning Message

Recommended Action No action is required.

ASSOC_MGR-5

Error Message `ASSOC_MGR-5-NOTIF_MSG: [chars]`

Explanation Association Manager Notification Message

Recommended Action No action is required.

ASSOC_MGR-6

Error Message `ASSOC_MGR-6-ASSOC_ACTIVATED: Association Activated for vlan id:[dec] <--> vsan id:[dec]`

Explanation Association Activated

Recommended Action No action is required.

Error Message `ASSOC_MGR-6-ASSOC_CREATED: Association Created for vlan id:[dec] <--> vsan id:[dec]`

Explanation Association Created

Recommended Action No action is required.

Error Message `ASSOC_MGR-6-ASSOC_DEACTIVATED: Association Deactivated for vlan id: [dec] <--> vsan id: [dec]`

Explanation Association Deactivated

Recommended Action No action is required.

Error Message `ASSOC_MGR-6-ASSOC_DELETED: Association Deleted for vlan id: [dec] <--> vsan id: [dec]`

Explanation Association Deleted

Recommended Action No action is required.

Error Message `ASSOC_MGR-6-ASSOC_MGR_STATEFULL_RESTART: Association Manager Statefull Restart`

Explanation Association Manager Stateful Restart

Recommended Action No action is required.

Error Message `ASSOC_MGR-6-ASSOC_MGR_STATELESS_RESTART: Association Manager Stateless Restart`

Explanation Association Manager Stateless Restart

Recommended Action No action is required.

Error Message `ASSOC_MGR-6-ASSOC_OPER_STATUS_CHG: Association status for vlan id: [dec] <--> vsan id: [dec] changed from [chars] to [chars]`

Explanation Association Operational State Change

Recommended Action No action is required.

Error Message `ASSOC_MGR-6-INFO_MSG: [chars]`

Explanation ASSOC Manager Informational Message

Recommended Action No action is required.

ASSOC_MGR-7

Error Message `ASSOC_MGR-7-DEBUG_MSG: [chars]`

Explanation Association Manager Debug Message

Recommended Action No action is required.

BCM_USD Messages

This section contains the BCM_USD messages.

Recommended Action

BFDC Messages

This section contains the BFDC messages.

BFDC-SLOT#-2

Error Message `BFDC-SLOT#-2-BFDC_GENERAL_FAILURE: General failure. [chars]`

Explanation General failure. This is a critical failure

Recommended Action No DDTS.

Error Message `BFDC-SLOT#-2-BFDC_MALLOC_FAILED: Memory allocation failed. [chars]`

Explanation Memory allocation failed. This is a critical failure

Recommended Action No DDTS.

Error Message `BFDC-SLOT#-2-BFDC_MTS_FAILURE: MTS failure. [chars]`

Explanation MTS related failure. This is a critical failure

Recommended Action No DDTS.

BFD Messages

This section contains the BFD messages.

BFD-3

Error Message `BFD-3-REACHED_CAPACITY_LIMIT: BFD session [chars] creation on interface [chars] failed due to capacity limit [dec]`

Explanation BFD session [chars] creation on interface [chars] failed due to current capacity limit [dec]

Recommended Action Please remove current bfd sessions to make room for new ones

Error Message `BFD-3-SESSION_ACL_INSTALL_GAVE_UP: BFD session [chars] installation failed due to ACL installation failure interface [chars]`

Explanation BFD session [chars] installation failed due to ACL installation failure interface [chars

Recommended Action Maximum acl install retries exceeded. Please to free up acl resources

Error Message `BFD-3-SESSION_ACL_REMOVE_GAVE_UP: BFD session [chars] removal failed due to ACL removal failure interface [chars]`

Explanation BFD session [chars] removal failed due to ACL removal failure interface [chars

Recommended Action Maximum acl removal retries exceeded. Please manually remove bfd sessions

Error Message `BFD-3-SESSION_CREATE_FAIL: Failed to create BFD session to neighbor [chars] over intertface [chars]. Reason [chars]`

Explanation Failed to create BFD session to neighbor [chars] over intertface [chars] Reason [chars]

Recommended Action SYSLOGDPC_NO_ACTION

BFD-4

Error Message `BFD-4-INVALID_NBR: Attempt to BFD session failed for application [chars].`

Explanation Attempt to BFD session failed for application [chars].

Recommended Action No action is required.

Error Message `BFD-4-SESSION_DELETE_FAIL: Attempt to delete BFD session for neighbor [chars] failed: Reason [chars] ([hex]).`

Explanation Attempt to delete BFD session for neighbor [chars] failed: Reason [chars] (0x[hex]).

Recommended Action No action is required.

BFD-5

Error Message `BFD-5-BFD_DISABLED: BFD Disabled`

Explanation BFD Service Disabled

Recommended Action No action is required.

Error Message `BFD-5-BFD_ENABLED: BFD Enabled`

Explanation BFD Service enabled

Recommended Action No action is required.

Error Message `BFD-5-SESSION_ACTIVE_PARAMS_CHANGE: Local parameter of BFD session [hex] has changed [chars]`

Explanation Local parameter of BFD session 0x[hex] has changed [chars]

Recommended Action No action is required.

Error Message `BFD-5-SESSION_CREATED: BFD session to neighbor [chars] on interface [chars] has been created`

Explanation BFD session to neighbor [chars] on interface [chars]

Recommended Action No action is required.

Error Message `BFD-5-SESSION_LOCAL_PARAMS_CHANGE: Local parameter of BFD session [hex] has changed [chars]`

Explanation Local parameter of BFD session 0x[hex] has changed [chars]

Recommended Action No action is required.

Error Message `BFD-5-SESSION_MOVED: BFD session [hex]: [chars]`

Explanation BFD session 0x[hex]: [chars]

Recommended Action No action is required.

Error Message `BFD-5-SESSION_NO_RESOURCES: No resource for session to neighbor [chars] on interface [chars]`

Explanation The BFD session can not be created or modified due to lack of resources. No resources for session to neighbor [chars]

Recommended Action Remove other BFD sessions to free resources for this session

Error Message `BFD-5-SESSION_REMOVED: BFD session to neighbor [chars] on interface [chars] has been removed`

Explanation BFD session to neighbor [chars] on interface [chars]

Recommended Action No action is required.

Error Message `BFD-5-SESSION_STATE_DOWN: BFD session [chars] to neighbor [chars] on interface [chars] has gone down. Reason: [hex].`

Explanation BFD session [chars] to neighbor [chars] on interface [chars] has gone down. Reason: 0x[hex]. This may be as a result of the forwarding path being down.

Recommended Action No action is required.

Error Message `BFD-5-SESSION_STATE_UP: BFD session [chars] to neighbor [chars] on interface [chars] is up.`

Explanation BFD session [chars] to neighbor [chars] on interface [chars] is up.

Recommended Action No action is required.

BFD-6

Error Message `BFD-6-SESSION_ACL_INSTALL_FAILED: BFD session [chars] failed due to missing ACL resources for interface [chars]`

Explanation BFD session [chars] failed due to missing ACL resources for interface [chars]

Recommended Action No action is required.

Error Message `BFD-6-SESSION_ACL_REMOVE_FAILED: BFD session [chars] removal failed due to missing ACL resources for interface [chars]`

Explanation BFD session [chars] removal failed due to missing ACL resources for interface [chars]

Recommended Action No action is required.

BIOS DAEMON Messages

This section contains the BIOS DAEMON messages.

BIOS DAEMON-2

Error Message `BIOS_DAEMON-2-BIOS_DAEMON_FLASH_WARNING: Flash chip not supported by running image. Skipping bios upgrade.`

Explanation BIOS CHIP NOT SUPPORTED

Recommended Action No action is required.

Error Message `BIOS_DAEMON-2-BIOS_DAEMON_PRI_BOOT_FAIL: System booted from Alternate BIOS Flash`

Explanation Boot from Alternate

Recommended Action SYSLOGDOC_NOACTION

Error Message `BIOS_DAEMON-2-BIOS_DAEMON_SUP_ERROR: BIOS Sector ([dec]) is write protected`

Explanation BIOS WRITE PROTECTED

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

BIOS_DAEMON-5

Error Message `BIOS_DAEMON-5-BIOS_DAEMON_PRI_BOOT: System booted from Primary BIOS Flash`

Explanation Boot from Primary

Recommended Action SYSLOGDOC_NOACTION

BIOS_DAEMON-SLOT#-2

Error Message `BIOS_DAEMON-SLOT#-2-BIOS_DAEMON_LC_ERROR: BIOS Sector ([dec]) is write protected`

Explanation BIOS WRITE PROTECTED

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `BIOS_DAEMON-SLOT#-2-BIOS_DAEMON_LC_PRI_BOOT_FAIL: System booted from Alternate BIOS Flash`

Explanation Boot from Alternate

Recommended Action SYSLOGDOC_NOACTION

BIOS_DAEMON-SLOT#-5

Error Message `BIOS_DAEMON-SLOT#-5-BIOS_DAEMON_LC_PRI_BOOT: System booted from Primary BIOS Flash`

Explanation Boot from Primary

Recommended Action SYSLOGDOC_NOACTION

BOOTUP TEST Messages

This section contains the BOOTUP TEST messages.

BOOTUP TEST-2

Error Message `BOOTUP_TEST-2-EOBC_FAIL: Module [dec] has failed test [chars] on EOBC due to error [chars]`

Explanation Online diagnostics EOBC test has failed

Recommended Action No action is required.

Error Message `BOOTUP_TEST-2-EOBC_SKIP: Module [dec] has failed test [chars] on EOBC due to error [chars]`

Explanation Online diagnostics ManagementPort test has failed

Recommended Action No action is required.

Error Message `BOOTUP_TEST-2-MGMT_PORT_FAIL: Module [dec] has failed test [chars] on Management Port due to error [chars]`

Explanation Online diagnostics ManagementPort test has failed

Recommended Action No action is required.

Error Message `BOOTUP_TEST-2-MGMT_PORT_SKIP: Module [dec] has skipped test [chars] on Management Port due to error [chars]`

Explanation Online diagnostics ManagementPort test is skipped

Recommended Action No action is required.

BOOTVAR Messages

This section contains the BOOTVAR messages.

BOOTVAR-2

Error Message `BOOTVAR-2-ALLOC_MEMORY: Memory allocation failed`

Explanation The service failed to allocate memory.

Recommended Action Check if the system is low on memory, if so reset the switch.

Error Message `BOOTVAR-2-AUTOCOPY_FAILED: Autocopy of file [chars] to standby failed. [chars] (Error-id: [hex])`

Explanation The image deemed to be copied to standby via the auto-copy feature failed.

Recommended Action Check error id for specified reason.

Error Message `BOOTVAR-2-AUTOSYNC_FAILED: Image autosync failed. Reason: [chars] ([hex])`

Explanation Image synchronization failed.

Recommended Action Check that there is enough space on the flash, as well as system high availability status.

Error Message `BOOTVAR-2-CONFIG_ERROR: Failed to update boot configuration`

Explanation An error has occurred during the update of the boot configuration files

Recommended Action Check that there is enough space on the flash, show boot to check the configured image names, show loader internal configuration to compare them with the current bootloader configuration, if they are not coherent do write erase and retry to save the configuration.

Error Message `BOOTVAR-2-IMAGE_NOT_COMPATIBLE: Warning: image [chars] is not compatible with the current platform in SUP [dec]`

Explanation The input image name is not compatible with the current platform.

Recommended Action Make sure a right image is specified before reboot.

BOOTVAR-3

Error Message `BOOTVAR-3-AUTOCOPY_FAILED_STANDBY_FULL: Autocopy of file [chars] to standby failed due to not enough disk space on standby`

Explanation There is not enough disk space on the standby for the file to be copied.

Recommended Action Clear space on the standby disk.

Error Message `BOOTVAR-3-INIT_FAILED: Initialization failed: Component [chars]`

Explanation The service failed to start The failure occurs during initialization of the component [chars].

Recommended Action Show processes to check the status of the other processes, pay attention to the specified component.

Error Message `BOOTVAR-3-LOAD_VERIFY_LIB_FAILED: Fetching library [chars] failed, reason=[chars]`

Explanation Failed to load bootvar specified verification library.

Recommended Action No action is required.

Error Message `BOOTVAR-3-MODULE_LOCK_FAIL: Unable to get module lock, please don't reload <error-id:[hex]>`

Explanation Unable to acquire modlock to prevent user to reload during auto-sync.

Recommended Action No action is required.

Error Message `BOOTVAR-3-NEIGHBOR_REJECT_AUTOCOPY: auto-copy failed - not supported by neighbor supervisor.`

Explanation Standby supervisor does not support auto-copy, thus failed.

Recommended Action No action is required.

Error Message `BOOTVAR-3-VERIFY_FAILED: Image [chars] for bootvar [chars] verification failed, reason=[chars]`

Explanation The image set for this bootvar has failed the verification process, this is just a warning.

Recommended Action Check reason to determine actions.

BOOTVAR-5

Error Message `BOOTVAR-5-AUTOCOPY_SUCCEED: auto-copy of file [chars] to standby supervisor succeed`

Explanation Auto copy of the file succeed, image integrity verified by standby.

Recommended Action No action is required.

Error Message `BOOTVAR-5-AUTOCOPY_VERIFY_SEND_FAILED: Unable to ask standby to verify file [chars], error = [hex]`

Explanation Upon copied the image to standby, failed to send message to ask standby to verify integrity.

Recommended Action Turn auto-copy off and back on.

Error Message `BOOTVAR-5-AUTOSYNC_DONE: Image autosync done`

Explanation The image synchronization done successfully.

Recommended Action No action is required.

Error Message `BOOTVAR-5-AUTOSYNC_REBOOT: Rebooting standby after successful autosync`

Explanation Image autosync has been successful, resetting the standby supervisor to load the new image.

Recommended Action Check that the standby sup reloads correctly.

Error Message `BOOTVAR-5-AUTOSYNC_START: Starting image autosync. Please wait until completion...`

Explanation The standby-sup has requested the sync of the current image.

Recommended Action No action is required.

Error Message `BOOTVAR-5-IMAGE_NOTEXISTS: Warning: image [chars] doesn't exist on sup[dec]`

Explanation The input image name doesn't exist on the specified supervisor.

Recommended Action Check whether the input image name you entered exists and make sure that you have the image on the flash before reboot.

Error Message `BOOTVAR-5-NEIGHBOR_UPDATE_AUTOCOPY: auto-copy supported by neighbor supervisor, starting...`

Explanation Info log reporting standby's support of auto-copy. Auto-copy is being started.

Recommended Action No action is required.

BOOTVAR-6

Error Message `BOOTVAR-6-ALREADY_IN_SYNC: Image already in sync`

Explanation No need to update the image on the standby-sup.

Recommended Action No action is required.

Error Message `BOOTVAR-6-AUTOCOPY_DID_NOT_START: Autocopy of file [chars] to standby did not start. [chars] (Error-id: [hex])`

Explanation Autocopy of the file did not start as the remote copy location does not exist

Recommended Action No action is required.

Error Message `BOOTVAR-6-CONFIG_UPDATED: Boot configuration updated`

Explanation The boot-loader configuration files have been successfully updated.

Recommended Action No action is required.

Error Message `BOOTVAR-6-STARTING: Boot configuration initialized`

Explanation The service has successfully started.

Recommended Action No action is required.

CALLHOME Messages

This section contains the CALLHOME messages.

CALLHOME-2

Error Message `CALLHOME-2-EVENT: [chars]`

Explanation Callhome event [chars] occurred.

Recommended Action If you have configured your email address to receive callhome notifications, please check your email for more details about this callhome event. If callhome was not enabled, please execute CLI commands relevant to the callhome event to get more information about the error

Error Message `CALLHOME-2-PROGRAM_EXIT: callhome process ending: [chars]`

Explanation Callhome process is exiting with reason [chars].

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

CALLHOME-3

Error Message `CALLHOME-3-CALLHOME_CFS_MERGE_OPERATION_FAILED: [chars]`

Explanation [chars1]

Recommended Action Please check the reason for the failure of the cfs operation and rectify the problem

Error Message `CALLHOME-3-CALLHOME_CFS_OPERATION_FAILED: [chars] : [chars]`

Explanation [chars1] [chars2]

Recommended Action Please check the reason for the failure of the cfs operation and rectify the problem

Error Message `CALLHOME-3-CALLHOME_MAX_ALERT_MSG: [chars]`

Explanation [chars]

Recommended Action Please check the reason for the generation of the callhome messages and rectify the problem

Error Message `CALLHOME-3-EVENT_PROCESS_ERROR: error in processing callhome event [chars] reason:[chars]`

Explanation Error in processing callhome event [chars] reason:[chars]

Recommended Action Please check your callhome configuration for proper configuration. Please check SMTP server address, email addresses for destination profiles and enable status of callhome. Use show callhome commands for displaying configuration.

Error Message `CALLHOME-3-MESSAGE_SIZE_EXCEED: message size for callhome alert:[chars] exceeds maximum limit for destination profile:[chars]`

Explanation Message size for callhome alert:[chars] exceeds maximum limit for destination profile:[chars]

Recommended Action Please check the maximum message size for the destination profile under question. Increase it if possible to match the maximum limit allowed by your email destinations.

CALLHOME-6

Error Message `CALLHOME-6-NONCRIT_EVENT: [chars]`

Explanation Non-critical Callhome event [chars] occurred.

Recommended Action If you have configured your email address to receive callhome notifications, please check your email for more details about this callhome event. If callhome was not enabled, please execute CLI commands relevant to the callhome event to get more information about the error

CDP Messages

This section contains the CDP messages.

CDP-2

Error Message `CDP-2-INITFAIL: CDP Daemon Initialization failed: [chars]`

Explanation CDP Daemon Initialization failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

CDP-3

Error Message `CDP-3-ALLOCFAIL: Heap Memory allocation failed: [chars]`

Explanation CDP Daemon is out of dynamic memory. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message `CDP-3-GENERROR: [chars]`

Explanation CDP Daemon encountered a general error, one that does not fall in any of the above categories. [chars] describes the error and its context.

Recommended Action No action is required.

Error Message `CDP-3-MCASTBINDFAIL: Failed to bind for CDP multicast address on interface [hex] - [chars]`

Explanation An attempt to register for packets destined to the CDP multicast address failed. [dec] identifies the interface [char] identifies the reason.

Recommended Action No action is required.

Error Message `CDP-3-MTSERROR: [chars]`

Explanation CDP Daemon encountered an MTS error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

Error Message `CDP-3-PKTRECVFAIL: Failed to receive packet - [chars]`

Explanation Failed to receive packet. [char] identifies the reason.

Recommended Action No action is required.

Error Message `CDP-3-PKTSENDFAIL: Failed to send packet, interface [hex] - [chars]`

Explanation Failed to send packet. [dec] identifies the interface [char] identifies the reason.

Recommended Action No action is required.

Error Message `CDP-3-PSSERROR: [chars]`

Explanation CDP Daemon encountered a PSS error. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message `CDP-3-SOCKBINDFAIL: Failed to bind to raw socket, interface [hex] - [chars]`

Explanation Failed to bind to raw socket. [dec] identifies the interface [char] identifies the reason.

Recommended Action No action is required.

Error Message `CDP-3-SOCKOPENFAIL: Failed to open socket for receiving raw 802_2 packets - [chars]`

Explanation An attempt to open a socket for receiving raw 802_2 packets failed. [char] identifies the reason.

Recommended Action No action is required.

CDP-4

Error Message `CDP-4-DUPLEX_MISMATCH: Duplex mismatch discovered on [chars], with [chars]`

Explanation Duplex mismatch discovered from the received cdp packet This is a warning message.

Recommended Action No action is required.

Error Message `CDP-4-NATIVE_VLAN_MISMATCH: Native VLAN mismatch discovered on [chars]([dec]), with [chars]([dec])`

Explanation Native VLAN mismatch discovered This is a warning message.

Recommended Action No action is required.

CDP-5

Error Message `CDP-5-DISABLED: CDP is disabled`

Explanation CDP is disabled on the device.

Recommended Action No action is required.

Error Message `CDP-5-ENABLED: CDP is enabled`

Explanation CDP is enabled on the device.

Recommended Action No action is required.

Error Message `CDP-5-NEIGHBOR_ADDED: Device [chars] discovered of type [chars] with port [chars] on incoming port [chars] with ip addr [chars] and mgmt ip [chars]`

Explanation Discovered a neighbor device. This is an informational message.

Recommended Action No action is required.

Error Message `CDP-5-NEIGHBOR_REMOVED: CDP Neighbor [chars] on port [chars] has been removed`

Explanation Deleted a neighbor device. This is an informational message.

Recommended Action No action is required.

CDP-6

Error Message `CDP-6-CDPDUP: CDP Daemon Up.`

Explanation CDP Daemon was created successfully and is up and running. This is an informational message.

Recommended Action No action is required.

Error Message `CDP-6-CDPEXIT: CDP Daemon shutting down gracefully.`

Explanation CDP Daemon is shutting down gracefully. This is an informational message.

Recommended Action No action is required.

Error Message `CDP-6-PORTDISABLE: CDP disabled on port [chars]`

Explanation CDP was disabled on a given port. [chars] is the interface-ID string that identifies the port. This is an informational message.

Recommended Action No action is required.

Error Message `CDP-6-PORTDOWN: A CDP enabled port [chars] went down.`

Explanation A CDP enabled port became un-operational. [chars] is the interface-ID string that identifies the port. This is an informational message.

Recommended Action No action is required.

Error Message `CDP-6-PORTENABLE: CDP enabled on port [chars]`

Explanation CDP was enabled on a given port. [chars] is the interface-ID string that identifies the port. This is an informational message.

Recommended Action No action is required.

Error Message `CDP-6-PORTUP: A CDP enabled port [chars] came up.`

Explanation A CDP enabled port became operational. [chars] is the interface-ID string that identifies the port. This is an informational message.

Recommended Action No action is required.

CERT_ENROLL Messages

This section contains the CERT_ENROLL messages.

CERT_ENROLL-2

Error Message `CERT_ENROLL-2-CERT_EN_PROGRAM_EXIT: cert_enroll daemon exiting: [chars]`

Explanation Cert_enroll daemon is exiting.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

CERT_ENROLL-3

Error Message `CERT_ENROLL-3-CERT_EN_ERROR_MESSAGE: [chars]`

Explanation CERT_ENROLL Error Message

Recommended Action No action is required.

Error Message `CERT_ENROLL-3-CERT_EN_FIPS_MODE_INIT_ERROR: Could not initialize FIPS mode : [chars]`

Explanation FIPS mode initialization error

Recommended Action No action is required.

CERT_ENROLL-6

Error Message `CERT_ENROLL-6-CERT_EN_MESSAGE: [chars]`

Explanation CERT_ENROLL Message

Recommended Action No action is required.

CFS Messages

This section contains the CFS messages.

CFS-2

Error Message `CFS-2-CFS_REJECT: CFS reject: [chars]: Switch WWN [chars], ip [chars], reason [chars]`

Explanation CFS reject: [chars] Switch WWN [chars], ip [chars], reason [chars]

Recommended Action No action is required.

Error Message `CFS-2-EXITING: Exit reason: [chars]`

Explanation The CFS service process has exited due to [char]. The process has probably been restarted automatically.

Recommended Action No action is required.

Error Message `CFS-2-GENERAL_ERROR: [chars]`

Explanation The CFS service has encountered an critical error. The description of error is [str.]

Recommended Action No action is required.

Error Message `CFS-2-INITFAIL: CFS Service Init failed: [chars]`

Explanation CFS Service initialization failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message `CFS-2-LOCK_FAILED: lock failed for sap [dec] due to internal error.`

Explanation Lock failed due to Unrestricted uncoordinated count is out of sync for sap [dec]

Recommended Action To recover from this state run command 'cfs internal decrement-unrestricted <app-sap>'

Error Message `CFS-2-MALLOC_ERROR: Size [dec] bytes`

Explanation The CFS service could not allocate memory.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `CFS-2-MTS_REJECT: Verification failed reject MTS message SAP [dec]:RR-token [hex]`

Explanation This MTS message could have been posted by the previous active running pre 3.x; MTS structure has changed since then hence ignore the MTS message, Source SAP [dec]; RR-token [hex]

Recommended Action No action is required.

Error Message `CFS-2-PSS_ERROR: [chars]: PSS ret. val=[dec]`

Explanation The CFS service encountered error while operating on a persistent storage database.

Recommended Action No action is required.

Error Message `CFS-2-VDC_MGR_FAIL: Failed to get a valid switch mac from VDC Manager: [chars]`

Explanation VDC manager did not respond with a proper MAC address. It could have been because of a timeout in MTS received

Recommended Action No action is required.

CFS-3

Error Message `CFS-3-ALLOCFAIL: Heap Memory allocation failed: [chars]`

Explanation CFS Service is out of dynamic memory. [chars] specifies the context where the failure occured

Recommended Action No action is required.

Error Message `CFS-3-APP_MERGE_FAILED: Merge failed for app [chars], local switch wwn [chars], remote switch wwn [chars].Please check 'show cfs merge status name [chars]' for more information`

Explanation The CFS service has detected a merge failure.

Recommended Action No action is required.

Error Message `CFS-3-CFS_PSS_CORRUPTED: [chars] PSS found corrupted`

Explanation The CFS service has detected corruption in one of its persistent information database. The database would be recreated.

Recommended Action No action is required.

Error Message `CFS-3-DBERROR: [chars]`

Explanation CFS Service encountered a database error. [chars] specifies the context where the failure occured.

Recommended Action No action is required.

Error Message `CFS-3-FAILURE_RESPONSE: [chars] [hex]`

Explanation CFS Service failed to get response [chars][hex] specify the context where the failure occured.

Recommended Action No action is required.

Error Message `CFS-3-FIPS_TEST_FAILED: FIPS compliance test failed`

Explanation FIPS compliance test failed

Recommended Action No action is required.

Error Message `CFS-3-GENERROR: [chars]`

Explanation CFS Service encountered a general error, one that does not fall in any of the above categories. [chars] describes the error and its context.

Recommended Action No action is required.

Error Message `CFS-3-LICERR: [chars]`

Explanation CFS Service failed to get license.

Recommended Action No action is required.

Error Message `CFS-3-MERGE_FAILED: Merge failed for app [chars], local switch wwn [chars],ip [chars], remote switch wwn [chars], ip [chars]`

Explanation The CFS service has detected a merge failure.

Recommended Action No action is required.

Error Message `CFS-3-MTSERROR: [chars]`

Explanation CFS Service encountered an MTS error. [chars] specifies the context where the error occured.

Recommended Action No action is required.

Error Message `CFS-3-PSSERROR: [chars]`

Explanation CFS Service encountered a PSS error. [chars] specifies the context where the failure occured.

Recommended Action No action is required.

Error Message `CFS-3-TIMEOUT_ERROR: [chars] [hex]`

Explanation CFS Service encountered a timeout [chars][hex] specify the context where the failure occured.

Recommended Action No action is required.

Error Message `CFS-3-UNKNOWN_MSG: Recvd. from Node=[dec] SAP=[dec]`

Explanation The CFS service has received an unknown message from [dec]].[dec]. This information is for debugging only.

Recommended Action No action is required.

CFS-4

Error Message `CFS-4-LICEXP: [chars]`

Explanation CFS Service license is going to expire. [chars] gives the expected time of expiry

Recommended Action No action is required.

Error Message `CFS-4-PSS_VERSION_MISMATCH: PSS [dec] Code [dec]`

Explanation There was a version mismatch between the CFS service and one of its persistent storage databases. The persistent information has been translated to the new format.

Recommended Action No action is required.

CFS-6

Error Message `CFS-6-BECAME_ACTIVE: Became ACTIVE from standby mode`

Explanation The CFS service on the standby supervisor became active and it is ready to serve client requests.

Recommended Action No action is required.

Error Message `CFS-6-BECAME_STDBY: Became STANDBY from active mode`

Explanation The CFS service became standby from active mode.

Recommended Action No action is required.

Error Message `CFS-6-EXCESSIVE_DELAY: [chars]`

Explanation Excessive time taken for a processing event. The description of the event is [str.]

Recommended Action No action is required.

Error Message `CFS-6-FAILED_TO_SEND_HEARTBEAT: Failed to send heartbeat to system manager: Reason=[chars]`

Explanation The CFS service was unable to send heartbeat to the system manger

Recommended Action No action is required.

Error Message `CFS-6-GENERAL_EVENT: [chars]`

Explanation The CFS service has generated an important event. The description of the event is [str.]

Recommended Action No action is required.

Error Message `CFS-6-INVALID_CHECKSUM: Received packet from peer on if-index([hex]) with corrupted checksum`

Explanation This could be because of errors in the link

Recommended Action No action is required.

Error Message `CFS-6-INVALID_IF_INDEX: Received packet on if-index([hex]) which is not recognized by CFS`

Explanation The if-index does not match with the if-index used in discovery or we might have already recieved an adjacency cleanup message for this if-index. Check if the if-index is that of the port-channel or a physical if-index

Recommended Action No action is required.

Error Message `CFS-6-LOGICAL_DISTRIBUTION_INFO: vsan [dec], source wwn [chars], ip [chars] app-id [dec], session-id [dec], user [chars], [chars]`

Explanation Vsan [dec], source wwn [chars], ip [chars], app-id [dec], user [chars], event [chars]

Recommended Action No action is required.

Error Message `CFS-6-PHY_DISTRIBUTION_INFO: source wwn [chars], ip [chars], app-id [dec], session-id [dec], user [chars], [chars]`

Explanation Source wwn [chars], ip [chars], app-id [dec], session-id [dec], user [chars], event [chars]

Recommended Action No action is required.

Error Message `CFS-6-PSS_CREATED: [chars] PSS Created`

Explanation One of the persistent information database of CFS service has been recreated

Recommended Action No action is required.

Error Message `CFS-6-PSS_DESTROYED: [chars] PSS Destroyed`

Explanation One of the persistent information databases of CFS Service has been intentionally destroyed and would be recreated.

Recommended Action No action is required.

Error Message `CFS-6-REGION_CTX_REMOVED: Region info is deleted for [chars]`

Explanation [chars] is in logical scope. Regions are supported only physical scope applications

Recommended Action No action is required.

Error Message `CFS-6-SERVICE_UP: Initialized [chars]`

Explanation The CFS service is up and ready to accept client requests The service was initialized in [char] mode.

Recommended Action No action is required.

Error Message `CFS-6-SRVCREATED: CFS Service created`

Explanation CFS Service was created successfully and is up and running. This is an informational message.

Recommended Action No action is required.

Error Message `CFS-6-SRVEXIT: CFS Service shutting down gracefully`

Explanation CFS Service is shutting down gracefully. This is an informational message.

Recommended Action No action is required.

Error Message `CFS-6-SWITCHOVER: Switching Over to other Sup.`

Explanation The CFS service has successfully switched over to the standby supervisor card.

Recommended Action No action is required.

CIMSRVPROV Messages

This section contains the CIMSRVPROV messages.

CIMSRVPROV-2

Error Message `CIMSRVPROV-2-CIM_SYSLOG_EXIT: Message:[chars] errcode:[dec]`

Explanation Exit due to critical error

Recommended Action No action is required.

Error Message `CIMSRVPROV-2-CIM_SYSLOG_PSS_SNAPSHOT_ERR: Source URI:[chars] Destination URI:[chars] errcode:[dec]`

Explanation PSS snapshot error

Recommended Action No action is required.

Error Message `CIMSRVPROV-2-CIM_SYSLOG_SDWRAP_ERR: Description:[chars] errcode:[dec]`

Explanation Debug infrastructure error

Recommended Action No action is required.

CIMSRVPROV-3

Error Message `CIMSRVPROV-3-CIM_SYSLOG_COPY_CONFIG_ERR: Message:[chars] URI:[chars] errcode:[dec]`

Explanation Copy running startup error

Recommended Action No action is required.

Error Message `CIMSRVPROV-3-CIM_SYSLOG_FILE_ERR: Purpose:[chars] Filename:[chars] errcode:[dec]`

Explanation File handling error

Recommended Action No action is required.

Error Message `CIMSRVPROV-3-CIM_SYSLOG_MTS_ERR: message [chars]`

Explanation MTS message handling error

Recommended Action No action is required.

Error Message `CIMSRVPROV-3-CIM_SYSLOG_PSS_ERR: Purpose:[chars] URI:[chars] errcode:[dec]`

Explanation PSS handling error

Recommended Action No action is required.

CIMSRVPROV-6

Error Message `CIMSRVPROV-6-LOG_CIM_CERTIFICATE_CLEARED: Cleared certificate [chars]`

Explanation Cleared a certificate named [chars].

Recommended Action No action is required.

Error Message `CIMSRVPROV-6-LOG_CIM_CERTIFICATE_INSTALLED: Installed certificate [chars]`

Explanation Installed a certificate named [chars].

Recommended Action No action is required.

CLIS Messages

This section contains the CLIS messages.

CLIS-5

Error Message `CLIS-5-CLIS_SYSLOG_CMD_REMOVED: Command deleted from the NVDB: [chars]`

Explanation Command removal due to configuration change

Recommended Action No action is required.

CLOUD Messages

This section contains the CLOUD messages.

CLOUD-2

Error Message `CLOUD-2-PROGRAM_EXIT: cloud-discovery process ending: [chars]`

Explanation Cloud-discovery process is exiting with reason [chars].

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

CLOUD-3

Error Message CLOUD-3-CLOUD_CFS_MERGE_OPERATION_FAILED: [chars]

Explanation [chars1]

Recommended Action Please check the reason for the failure of the cfs operation and rectify the problem

Error Message CLOUD-3-CLOUD_CFS_OPERATION_FAILED: [chars] : [chars]

Explanation [chars1] [chars2]

Recommended Action Please check the reason for the failure of the cfs operation and rectify the problem

Error Message CLOUD-3-CLOUD_FEATURE_MANAGER_ERROR: [chars] : [chars]

Explanation [chars1] [chars2]

Recommended Action Please check the reason for error using feature manager and rectify the problem

Error Message CLOUD-3-CLOUD_PSS_OPERATION_FAILED: [chars] : [chars]

Explanation [chars1] [chars2]

Recommended Action Please check the reason for the failure of the pss operation and rectify the problem

CLOUD-6

Error Message CLOUD-6-CLOUD_DISCOVERY_DONE: discovery over

Explanation Cloud-discovery started

Recommended Action Check cloud membership

Error Message CLOUD-6-CLOUD_DISCOVERY_STARTED: [chars] discovery started

Explanation Cloud-discovery started

Recommended Action Check cloud-discovery status after sometime

CLUSTER Messages

This section contains the CLUSTER messages.

CLUSTER-2

Error Message `CLUSTER-2-CLUSTER_CAP_ADD_FAIL: Failed to add cluster capability [dec]`

Explanation Cluster capability addition failed

Recommended Action No action is required.

Error Message `CLUSTER-2-CLUSTER_CAP_DEL_FAIL: Failed to delete cluster capability [dec]`

Explanation Cluster capability deletion failed

Recommended Action No action is required.

CMPPROXY Messages

This section contains the CMPPROXY messages.

CMPPROXY-2

Error Message `CMPPROXY-2-LOG_CMP_IS_NOT_UP: Connectivity Management processor (on module [dec]) did not come up`

Explanation Connectivity Management processor is not sending heartbeats on this module

Recommended Action No action is required.

Error Message `CMPPROXY-2-LOG_CMP_UP: Connectivity Management processor(on module [dec]) is now UP`

Explanation Connectivity Management processor has come up and is exchanging heartbeats with CP on this SUP slot

Recommended Action No action is required.

Error Message `CMPPROXY-2-LOG_CMP_WENT_DOWN: Connectivity Management processor (on module [dec]) went DOWN`

Explanation Connectivity Management processor has either gone down or is not sending heartbeats for a long time

Recommended Action No action is required.

CMPPROXY-5

Error Message `CMPPROXY-5-LOG_CMP_AAA_FAILURE: Authentication failed for a login from CMP (on module [dec])`

Explanation A login attempt has been denied access from Connectivity management processor (CMP) as authentication did not succeed

Recommended Action No action is required.

Error Message `CMPPROXY-5-MALLOC_FAILURE: Memory allocation failure`

Explanation Memory allocation in a call to malloc/calloc has failed.

Recommended Action No action is required.

CMPPROXY-6

Error Message `CMPPROXY-6-LOG_CMP_AAA_SUCCESS: Authentication succeeded for a login from CMP (on module [dec])`

Explanation A login attempt has succeeded from Connectivity management processor (CMP) in getting access as AAA succeeded

Recommended Action No action is required.

COPP Messages

This section contains the COPP messages.

COPP-2

Error Message `COPP-2-COPP_INIT_FAIL: CoPP Initialization failed: [chars]`

Explanation CoPP Initialization failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message `COPP-2-COPP_MTS_FAIL: Failed to do MTS operation: [chars]`

Explanation Failed to do MTS operation. [chars] explains the reason for the failure.

Recommended Action No action is required.

COPP-3

Error Message `COPP-3-COPP_ALLOC_FAIL: Memory allocation failure: [chars]`

Explanation Failed to alloc required memory. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message `COPP-3-COPP_PPF_FAIL: Error during PPF operation: [chars]`

Explanation Failed to do PPF operation. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message `COPP-3-COPP_PSS_FAIL: Error during PSS operation: [chars]`

Explanation Failed to do PSS operation. [chars] explains the reason for the failure.

Recommended Action No action is required.

COPP-5

Error Message `COPP-5-COPP_DISABLED: COPP Disabled`

Explanation COPP Service Disabled

Recommended Action No action is required.

Error Message `COPP-5-COPP_ENABLED: COPP Enabled`

Explanation COPP Service nabled

Recommended Action No action is required.

Error Message `COPP-5-COPP_INIT: COPP initialized`

Explanation COPP Service Initialized

Recommended Action No action is required.

COPP-6

Error Message `COPP-6-COPP_POLICY_ATTACHED: CoPP policy has been attached to control plane interface.`

Explanation CoPP policy has been attached to control plane interface.

Recommended Action No action is required.

Error Message `COPP-6-COPP_POLICY_DETACHED: CoPP policy has been detached from control plane interface.`

Explanation CoPP policy has been detached from control plane interface.

Recommended Action No action is required.

CORE-DMON Messages

This section contains the CORE-DMON messages.

CORE-DMON-2

Error Message `CORE-DMON-2-MODULE_COREDUMP_DONE: kernel coredump completed on module:[dec]`

Explanation Kernel coredump finishing on a module

Recommended Action No action is required.

Error Message `CORE-DMON-2-MODULE_COREDUMP_STARTED: kernel coredump started on module:[dec]`

Explanation Kernel coredump starting on a module

Recommended Action No action is required.

CORE-DMON-3

Error Message `CORE-DMON-3-NO_SPACE: Failed to save core file [chars]. Try removing existing core files.`

Explanation Not enough space to save new core files

Recommended Action No action is required.

CREDITMON Messages

This section contains the CREDITMON messages.

CREDITMON-SLOT#-2

Error Message `CREDITMON-SLOT#-2-SYSERR_CREDITMON_APP_EXITED: [chars]`

Explanation Credit Monitor application exited

Recommended Action No action is required.

Error Message `CREDITMON-SLOT#-2-SYSERR_CREDITMON_MTS_INIT_ERR: [chars]`

Explanation Credit Monitor error binding to MTS

Recommended Action No action is required.

CTS Messages

This section contains the CTS messages.

CTS-2

Error Message `CTS-2-CTS_AUTHENT_FAILURE: CTS Authentication failure on Port [chars] (CTS Failure Reason: [chars] [chars])`

Explanation Fibre-Channel Authentication failure on Port [chars].(Reason Code [chars] Detail [chars]). Please check password configurations and ensure appropriate security modes on this port as well as peer port

Recommended Action No action is required.

Error Message `CTS-2-CTS_SAP_FAILED: SAP exchange failed on interface [chars]. (Reason: [chars])`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `CTS-2-CTS_SAP_REKEY_FAILED: SAP exchange failed on interface [chars]. (Reason: [chars])`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `CTS-2-DBG_INIT_FAILED: Debug Infrastructure Initialization failed ( [chars] )`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `CTS-2-FC2_E_INIT_FAILED: Fibre-Channel Initialization of an E_Port failed ( [chars] )`

Explanation CTS Manager has been unable to initialize with the FC-2 E-Port infrastructure.

Recommended Action No action is required.

Error Message `CTS-2-FC2_F_INIT_FAILED: Fibre-Channel Initialization of an F_Port failed ( [chars] )`

Explanation CTS Manager has been unable to initialize with the FC-2 F-Port infrastructure.

Recommended Action No action is required.

Error Message `CTS-2-FC2_UNKNOWN_FRM_RECD_CRIT: Received an unexpected/unknown FC-2 frame on [chars]`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `CTS-2-FSMU_INIT_FAILED: State Machine Infrastructure Initialization failed ( [chars] )`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `CTS-2-IPC_INIT_FAILED: IPC (Inter Process Communication) Initialization failed ( [chars] )`

Explanation CTS Manager has been unable to initialize with the IPC infrastructure.

Recommended Action No action is required.

Error Message `CTS-2-LICENSE_UNAVAILABLE: License:[chars] unavailable, service exiting`

Explanation License of [chars] is unavailable. Service will exit now

Recommended Action Please install the license file to continue using the feature.

Error Message `CTS-2-MEM_FAILED: Memory operations failed File: [chars] Line [dec] for size [hex] bytes`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `CTS-2-POST_INIT_FAILED: Post-Initialization failed ( [chars] )`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `CTS-2-PSS_INIT_FAILED: PSS Infrastructure Initialization failed ( [chars] )`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `CTS-2-RBACL_ENFORCEMENT_FAILED: Failed to [chars] RBACL enforcement on [chars] %lu`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `CTS-2-RBACL_LC_INSERT_FAILED: RBACL programming failed for inserted module [dec]`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `CTS-2-RBACL_TCAM_SPACE_NOT_ENOUGH: Not enough free space left on TCAM`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `CTS-2-RBACL_UNABLE_PARSE_ACE: Unable to parse RBACL ACE substring: [chars]`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `CTS-2-RBACL_UPDATE_FAILED: Failed to [chars] RBACL [chars]`

Explanation The system has detected an error.

Recommended Action No action is required.

CTS-3

Error Message `CTS-3-DOT1X_AUTHC_FAILED: DOT1X authentication failed on port: [chars]`

Explanation DOT1X authentication failed on the port

Recommended Action No action is required.

CTS-5

Error Message `CTS-5-CTS_IP_SGT_MAP_DELETE: IP-SGT mapping deleted for [chars] on [chars] %lu`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `CTS-5-CTS_IP_SGT_MAP_UPDATE: [chars] assigned SGT [chars]`

Explanation The system has detected an error.

Recommended Action No action is required.

CTS-6

Error Message `CTS-6-SXP_STATE_CHANGE: CTS SXP [chars]`

Explanation The system has detected an error.

Recommended Action No action is required.

DCEFIB Messages

This section contains the DCEFIB messages.

DCEFIB-SLOT#-0

Error Message `DCEFIB-SLOT#-0-CLI_INIT_FAILED: CLI library initialization failed!`

Explanation DCEFIB failed to initialize CLI infrastructure\sbackendlibrary.Thisisafatalerror.'

Recommended Action No action is required.

Error Message `DCEFIB-SLOT#-0-TIMER_INIT_FAILED: Timer subsystem initialization failed!`

Explanation DCEFIB failed to initialize timer library. This is a fatal error.

Recommended Action No action is required.

DCEFIB-SLOT#-2

Error Message `DCEFIB-SLOT#-2-DCEFIB_MEM_ALLOC: Memory allocation failed. [chars]`

Explanation Memory allocation failed. This is a critical failure

Recommended Action No action is required.

Error Message `DCEFIB-SLOT#-2-DCEFIB_RECOVERY_ERROR: Error in Recovery: [chars]`

Explanation DCEFIB failed to recover after a re-start. This is a fatal error.

Recommended Action No action is required.

DCEFIB-SLOT#-6

Error Message `DCEFIB-SLOT#-6-INITIALIZED: Internal state created [chars]`

Explanation DCEFIB has created its internal state stateless/stateful [chars].

Recommended Action No action is required.

Error Message `DCEFIB-SLOT#-6-VDC_CREATED: VDC [dec] created`

Explanation Request to create VDC [dec] in DCEFIB was successful.

Recommended Action No action is required.

Error Message `DCEFIB-SLOT#-6-VDC_REMOVED: VDC [dec] Removed`

Explanation DCEFIB has successfully removed VDC [dec] from its databases.

Recommended Action No action is required.

DEBUGPROXY

This section contains the DEBUGPROXY messages.

DEBUGPROXY-6

Error Message `DEBUGPROXY-6-SSM_DEBUG_PROXY_COMMON: SSM debug proxy [chars] [dec]`

Explanation General SSM debug proxy information

Recommended Action No action is required.

DEVICE-ALIAS Messages

This section contains the DEVICE-ALIAS messages.

DEVICE-ALIAS-2

Error Message `DEVICE-ALIAS-2-ALLOC_FAILED: Memory allocation failed for size:[dec] type:[dec]`

Explanation Memory allocation failed for size [dec] type [dec]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `DEVICE-ALIAS-2-INIT_FAILED: [chars]`

Explanation An error occurred during initialization. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

DEVICE-ALIAS-3

Error Message DEVICE-ALIAS-3-CFS_OPER_FAILED: [chars]

Explanation An error occurred while performing a CFS operation. [chars] indicates the CFS operation and the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-CLEAR_FAILED: [chars]

Explanation An error occurred while clearing the session. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-COMMIT_FAILED: [chars]

Explanation An error occurred while committing the database. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-COMMIT_REJECTED: [chars]

Explanation Commit request received from remote switch is rejected. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-LOCK_FAILED: [chars]

Explanation An error occurred while acquiring the lock. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-LOCK_REJECTED: [chars]

Explanation Lock request received from remote switch is rejected. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-MERGE_ACTIVATION_FAILED: [chars]

Explanation An error occurred while activating the merged database. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-MERGE_ACTIVATION_REJECTED: [chars]

Explanation Merge activation request received from remote switch is rejected. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-MERGE_FAILED: [chars]

Explanation An error occurred during merge operation. [chars] indicates the reason for failure.

Recommended Action Compare device-alias configuration with the other switches in the fabric, resolve the conflicts if any and commit the changes.

Error Message DEVICE-ALIAS-3-MERGE_MREQ_REJECTED: [chars]

Explanation MREQ received from remote switch is rejected. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-MERGE_MRESP_REJECTED: [chars]

Explanation MRESP received from remote switch is rejected. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-MERGE_VALIDATION_FAILED: [chars]

Explanation An error occurred while validating the merged database. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-MERGE_VALIDATION_REJECTED: [chars]

Explanation Merge validation request received from remote switch is rejected. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-MTS_OPER_FAILED: [chars]

Explanation An error occurred during MTS operation. [chars] indicates the MTS operation and the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-PSS_OPER_FAILED: [chars]

Explanation An error occurred during PSS operation. [chars] indicates the PSS operation and the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-UNLOCK_FAILED: [chars]

Explanation An error occurred while releasing the lock. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-UNLOCK_REJECTED: [chars]

Explanation Unlock request received from remote switch is rejected. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-VALIDATION_FAILED: [chars]

Explanation An error occurred while validating the database. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `DEVICE-ALIAS-3-VALIDATION_REJECTED: [chars]`

Explanation Validation request received from remote switch is rejected. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

DEVICE-ALIAS-6

Error Message `DEVICE-ALIAS-6-CLEAR_FAILED_INFO: [chars]`

Explanation An error occurred while clearing the session. [chars] indicates the additional information regarding failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `DEVICE-ALIAS-6-COMMIT_FAILED_INFO: [chars]`

Explanation An error occurred while committing the database. [chars] indicates the additional information regarding failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `DEVICE-ALIAS-6-IMPORT_DEFINITION_CONFLICT: Fcalias [chars] could not be imported due to definition conflict`

Explanation Fcalias [chars] could not be imported due to definition conflict. Either there is already a device-alias configuration present with the same definition OR another VSAN specified in the import VSAN range has an fcalias with the same definition.

Recommended Action Resolve the conflict and issue the import command again.

Error Message `DEVICE-ALIAS-6-IMPORT_MEMBER_TYPE_CONFLICT: Fcalias [chars] could not be imported due to having unsupported member type`

Explanation Fcalias [chars] could not be imported due to having unsupported member types. Fcalias can be imported only if it has Port WWN based members..

Recommended Action Make sure that the fcalias has Port WWN based members and issue the import command again.

Error Message `DEVICE-ALIAS-6-IMPORT_NAME_CONFLICT: Fcalias [chars] could not be imported due to name conflict`

Explanation Fcalias [chars] could not be imported due to name conflict. Either there is already a device-alias configuration present with the same name OR another VSAN specified in the import VSAN range has an fcalias with the same name.

Recommended Action Resolve the conflict and issue the import command again.

Error Message `DEVICE-ALIAS-6-IMPORT_NUM_MEMBERS_CONFLICT: Fcalias [chars] could not be imported due to having unsupported number of members`

Explanation Fcalias [chars] could not be imported due to having unsupported number of members. Fcalias can be imported only if it has exactly one member..

Recommended Action Make sure that the fcalias has exactly one member and issue the import command again.

Error Message `DEVICE-ALIAS-6-LOCK_FAILED_INFO: [chars]`

Explanation An error occurred while acquiring the lock. [chars] indicates the additional information regarding failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `DEVICE-ALIAS-6-MERGE_ACTIVATION_FAILED_INFO: [chars]`

Explanation An error occurred while activating the merged database. [chars] indicates the additional information regarding failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `DEVICE-ALIAS-6-MERGE_VALIDATION_FAILED_BUSY: [chars]`

Explanation Merged database could not be validated as some of the applications returned busy. [chars] indicates information about the application returned busy. There is no user intervention necessary. The validation would be automatically retried after some time.

Recommended Action No DDTS.

Error Message `DEVICE-ALIAS-6-MERGE_VALIDATION_REJECTED_BUSY: [chars]`

Explanation Merged database received from the remote switch could not be validated as some of the applications returned busy. [chars] indicates information about the application returned busy. There is no user intervention necessary. The validation would be automatically retried after some time.

Recommended Action No DDTS.

Error Message `DEVICE-ALIAS-6-UNLOCK_FAILED_INFO: [chars]`

Explanation An error occurred while releasing the lock. [chars] indicates the additional information regarding failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `DEVICE-ALIAS-6-VALIDATION_ABORTED: [chars]`

Explanation Local validation is aborted. [chars] indicates the reason why validation is aborted.

Recommended Action No DDTS.

DEVICE_TEST Messages

This section contains the DEVICE_TEST messages.

DEVICE_TEST-2

Error Message `DEVICE_TEST-2-ASIC_REG_CHECK_FAIL: Module [dec] has failed test [chars] [dec] times on device [chars] [chars] [dec] [chars] due to error [chars]`

Explanation Online diagnostics ASICRegisterCheck test has failed

Recommended Action No action is required.

Error Message `DEVICE_TEST-2-COMPACT_FLASH_FAIL: Module [dec] has failed test [chars] [dec] times on device Compact Flash due to error [chars]`

Explanation Online diagnostics CompactFlash test has failed

Recommended Action No action is required.

Error Message `DEVICE_TEST-2-CRYPTO_DEVICE_FAIL: Module [dec] has failed test [chars] [dec] times on Crypto device due to error [chars]`

Explanation Online diagnostics CryptoDevice test has failed

Recommended Action No action is required.

Error Message `DEVICE_TEST-2-FAN_MOD_FAIL: Module [dec] has failed test [chars] [dec] times on System Mgmt Bus for chassis [chars] instance [dec] due to error [chars] error number [hex]`

Explanation Online diagnostics SystemMgmtBus test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-MALLOC_FAILURE: Memory allocation failed

Explanation Device Test process could not allocate memory

Recommended Action No action is required.

Error Message DEVICE_TEST-2-NVRAM_FAIL: Module [dec] has failed test [chars] [dec] times on device NVRAM due to error [chars]

Explanation Online diagnostics NVRAM test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-POWER_SUPPLY_FAIL: Module [dec] has failed test [chars] [dec] times on System Mgmt Bus for chassis [chars] instance [dec] due to error [chars] error number [hex]

Explanation Online diagnostics SystemMgmtBus test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-PRIMARY_BOOTROM_FAIL: Module [dec] has failed test [chars] [dec] times on device Primary BootROM due to error [chars]

Explanation Online diagnostics PrimaryBootROM test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-PWR_MGMT_BUS_FAIL: Module [dec] has failed test [chars] [dec] times on device Power Mgmt Bus on slot [dec] due to error [chars] error number [hex]

Explanation Online diagnostics PwrMgmtBus test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-RTC_FAIL: Module [dec] has failed test [chars] [dec] times on device RealTimeClock due to error [chars]

Explanation Online diagnostics RealTimeClock test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-SECONDARY_BOOTROM_FAIL: Module [dec] has failed test [chars] [dec] times on device Secondary BootROM due to error [chars]

Explanation Online diagnostics SecondaryBootROM test has failed

Recommended Action No action is required.

Error Message `DEVICE_TEST-2-SPINE_CONTROL_BUS_FAIL: Module [dec] has failed test [chars] [dec] times on device Spine Control Bus on slot [dec] due to error [chars] error number [hex]`

Explanation Online diagnostics SpineControlBus test has failed

Recommended Action No action is required.

Error Message `DEVICE_TEST-2-STANDBY_LOOPBACK_TEST_FAIL: Module [dec] has failed test [chars] [dec] times on [chars] [dec] due to error [chars]`

Explanation Online diagnostics StandbyFabricLoopback test has failed

Recommended Action No action is required.

Error Message `DEVICE_TEST-2-TWOWIRE_STW_FAIL: Module [dec] has failed test [chars] [dec] times on Status Bus on slot [dec] due to error [chars]`

Explanation Online diagnostics Status bus test has failed

Recommended Action No action is required.

Error Message `DEVICE_TEST-2-USB_FAIL: Module [dec] has failed test [chars] [dec] times on device USB due to error [chars]`

Explanation Online diagnostics USB test has failed

Recommended Action No action is required.

DEVICE_TEST-3

Error Message `DEVICE_TEST-3-STANDBY_TEST_GET_DIAG_VQI_FAIL: Standby test get diag vqi failed due to error [hex]`

Explanation Device Test StandbyLoopback Test failed get vqi

Recommended Action No action is required.

Error Message `DEVICE_TEST-3-STANDBY_TEST_GET_SPINE_FAIL: Standby test get spines failed due to error [hex]`

Explanation Device Test StandbyFabricLoopback Test get spine failed

Recommended Action No action is required.

Error Message `DEVICE_TEST-3-STANDBY_TEST_INIT_FAIL: Init for standby test failed due to error [hex]`

Explanation Device Test StandbyFabricLoopback Test failed init process

Recommended Action No action is required.

Error Message `DEVICE_TEST-3-STANDBY_TEST_MTS_FAIL: Mts Init for standby test failed due to error [hex]`

Explanation Device Test StandbyFabricLoopback Test failed mts init

Recommended Action No action is required.

Error Message `DEVICE_TEST-3-STANDBY_TEST_SOCKET_FAIL: Standby test socket error [chars]: [hex]`

Explanation Device Test StandbyFabricLoopback Test Socket error

Recommended Action No action is required.

Error Message `DEVICE_TEST-4`

Error Message `DEVICE_TEST-4-THREAD_CREATE_FAIL: Thread creation failed`

Explanation Device Test process could not create threads

Recommended Action No action is required.

Error Message `DEVICE_TEST-4-TIMER_CREATE_FAIL: Timer creation failed`

Explanation Device Test process could not create timer

Recommended Action No action is required.

Error Message `DEVICE_TEST-4-TIMER_START_FAIL: Timer start failed`

Explanation Device Test process could not start timer

Recommended Action No action is required.

DEVICE_TEST-5

Error Message `DEVICE_TEST-5-NOTICE_TEST: Memory allocation failed notice`

Explanation Device Test process could not allocate memory

Recommended Action No action is required.

DEVICE_TEST-6

Error Message `DEVICE_TEST-6-INFO_TEST: Memory allocation failed info`

Explanation Device Test process could not allocate memory

Recommended Action No action is required.

DEV_LOG Messages

This section contains the DEV_LOG messages.

DEV_LOG-3

Error Message `DEV_LOG-3-ERROR: [chars]`

Explanation Dev_log_lc encountered an error

Recommended Action No action is required.

DEV_LOG-SLOT#-4

Error Message `DEV_LOG-SLOT#-4-DEV_LOG_LC_ERROR: [chars]`

Explanation Dev_log_lc encountered an error

Recommended Action No action is required.

DFTM Messages

This section contains the DFTM messages.

DFTM-SLOT#-2

Error Message `DFTM-SLOT#-2-DFTM_INTF_NOT_FOUND: Interface [chars] not found in DFTM database [chars]`

Explanation DFTM database doesn't have the interface.

Recommended Action No action is required.

Error Message `DFTM-SLOT#-2-DFTM_PC_NUM_MEMB_INVALID: DFTM recieved invalid number of PC members [dec] from ELTM`

Explanation DFTM recvd invalid number of PC members from ELTM.

Recommended Action No action is required.

Error Message `DFTM-SLOT#-2-DFTM_VLAN_NOT_FOUND: VLAN [dec] not found in DFTM database [chars]`

Explanation DFTM database doesn't have the VLAN.

Recommended Action No action is required.

DFTM-SLOT#-3

Error Message `DFTM-SLOT#-3-DFTM_BDDB_PROG_FAILED: DFTM failed to program BDDB Entry`

Explanation DFTM failed to program BDDB Entry

Recommended Action No action is required.

Error Message `DFTM-SLOT#-3-DFTM_BDT_PROG_FAILED: DFTM failed to program BD Table Entry`

Explanation DFTM failed to program BD Table Entry

Recommended Action No action is required.

Error Message `DFTM-SLOT#-3-DFTM_IFIDX_INVALID_PORT_LAYER: Invalid Port Layer Received for interface: [chars]`

Explanation Invalid Port Layer Received for interface

Recommended Action No action is required.

Error Message `DFTM-SLOT#-3-DFTM_IFIDX_INVALID_PORT_MODE: Invalid Port Mode Received for interface: [chars]`

Explanation Invalid Port Mode Received for interface

Recommended Action No action is required.

Error Message `DFTM-SLOT#-3-DFTM_IFIDX_INVALID_PORT_TYPE: Invalid Port Type Received for interface: [chars]`

Explanation Invalid Port Type Received for interface

Recommended Action No action is required.

Error Message `DFTM-SLOT#-3-DFTM_IFIDX_TYPE_ERROR: Failed to get type for interface: [chars]`

Explanation Failed to get type for the interface

Recommended Action No action is required.

Error Message `DFTM-SLOT#-3-DFTM_L2L3CT_PROG_FAILED: DFTM failed to program L2L3 Consistency Table Entry`

Explanation DFTM failed to program L2L3 Consistency Table Entry

Recommended Action No action is required.

Error Message `DFTM-SLOT#-3-DFTM_MFT_PROG_FAILED: DFTM failed to program Multicast FTag Table Entry`

Explanation DFTM failed to program Multicast Ftag Table Entry

Recommended Action No action is required.

Error Message `DFTM-SLOT#-3-DFTM_SDT_PROG_FAILED: DFTM failed to program SGT DGT Table Entry`

Explanation DFTM failed to program SGT DGT Table Entry

Recommended Action No action is required.

Error Message `DFTM-SLOT#-3-DFTM_VTT_PROG_FAILED: DFTM failed to program VLAN Translation Table Entry`

Explanation DFTM failed to program VLAN Translation Table

Recommended Action No action is required.

DHCP_SNOOP Messages

This section contains the DHCP_SNOOP messages.

DHCP_SNOOP-2

Error Message `DHCP_SNOOP-2-DHCP_SNOOP_PROGRAM_EXIT: [chars]`

Explanation DHCP snoop process did an abnormal exit

Recommended Action No action is required.

Error Message `DHCP_SNOOP-2-INITFAIL: DHCP Daemon Initialization failed: [chars]`

Explanation DHCP Daemon Initialization failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message `DHCP_SNOOP-2-PSSERROR: [chars]`

Explanation DHCP Daemon encountered a PSS error. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message `DHCP_SNOOP-2-REGPARTREE: Unable to register par tree: [chars]`

Explanation Could not register par tree. [chars] explains the reason for the failure.

Recommended Action No action is required.

DHCP_SNOOP-3

Error Message `DHCP_SNOOP-3-ALLOCFAIL: Heap Memory allocation failed: [chars]`

Explanation DHCP Daemon is out of dynamic memory. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message `DHCP_SNOOP-3-ASSERTION_FAILED: [chars]:[dec]`

Explanation DHCP Snoop process has hit an assert condition at file [chars] line number [dec]

Recommended Action No action is required.

Error Message `DHCP_SNOOP-3-DHCPDENIEDARP: ARP frame denied due to DHCP snooping binding on interface [chars] vlan [dec] sender mac [chars] sender ip [chars] target mac [chars] target ip [chars].`

Explanation [chars] identifies interface and [dec] identifies the vlan on which ARP packets have been denied. [chars] identifies sender mac and [chars] identifies the sender ip. [chars] identifies the target mac and [chars] identifies the target ip.

Recommended Action No action is required.

Error Message `DHCP_SNOOP-3-DHCPRATELIMIT: Interface [chars] has been error disabled due to excessive ingress rate [dec] of DHCP packets.`

Explanation [chars] identifies the interface which has been error disabled due to excessive ingress rate [dec].

Recommended Action No action is required.

Error Message `DHCP_SNOOP-3-HWPGMFAILURE: Hardware programming has failed: [chars]`

Explanation Hardware programming has failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message `DHCP_SNOOP-3-INVDHCPPKTS: Validation errors while processing DHCP packet received on interface [chars] vlan [dec] Reason:[chars]. Dropping the packet`

Explanation Validation errors DHCP packet receieved on the interface [chars] vlan [[dec]]. Reason:[chars]

Recommended Action No action is required.

Error Message `DHCP_SNOOP-3-MTSERROR: [chars]`

Explanation DHCP Daemon encountered an MTS error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

Error Message `DHCP_SNOOP-3-PKTDROP: Packet dropped. Reason - [chars]`

Explanation Dropping the packet. [char] identifies the reason.

Recommended Action No action is required.

Error Message `DHCP_SNOOP-3-PKTRECVFAIL: Failed to receive packet - [chars]`

Explanation Failed to receive packet. [char] identifies the reason.

Recommended Action No action is required.

Error Message `DHCP_SNOOP-3-PKTSENDFAIL: Failed to send packet, - [chars]`

Explanation Failed to send packet. [char] identifies the reason.

Recommended Action No action is required.

Error Message `DHCP_SNOOP-3-SOCKBINDFAIL: Failed to bind to raw socket - [chars]`

Explanation Failed to bind to socket. [char] identifies the reason.

Recommended Action No action is required.

Error Message `DHCP_SNOOP-3-SOCKOPENFAIL: Failed to open socket for receiving DHCP packets - [chars]`

Explanation An attempt to open a socket for receiving DHCP packets failed. [char] identifies the reason.

Recommended Action No action is required.

DHCP_SNOOP-4

Error Message `DHCP_SNOOP-4-ACL_DENY: [dec] Invalid ARP messages ([chars]) on [chars], vlan [dec]. ([[chars]/[chars]/[chars]/[chars]/[chars]])`

Explanation Packet-count [dec] Invalid ARPs (arp-type [chars]) on interface [chars], vlan [dec]. ([sender-mac [chars]/sender-ip [chars]/ target-mac [chars]/target-ip [chars]/ time-of-day [chars]])

Recommended Action No action is required.

Error Message `DHCP_SNOOP-4-ACL_PERMIT: [dec] ARP messages ([chars]) on [chars], vlan [dec]. ([[chars]/[chars]/[chars]/[chars]/[chars]])`

Explanation Packet-count [dec] ARPs (arp-type [chars]) on interface [chars], vlan [dec]. ([sender-mac [chars]/sender-ip [chars]/ target-mac [chars]/target-ip [chars]/ time-of-day [chars]])

Recommended Action No action is required.

Error Message `DHCP_SNOOP-4-DHCP_SNOOPING_DENY: [dec] Invalid ARP messages ([chars]) on [chars], vlan [dec]. ([[chars]/[chars]/[chars]/[chars]/[chars]])`

Explanation Packet-count [dec] Invalid ARPs (arp-type [chars]) on interface [chars], vlan [dec]. ([sender-mac [chars]/sender-ip [chars]/ target-mac [chars]/target-ip [chars]/ time-of-day [chars]])

Recommended Action No action is required.

Error Message `DHCP_SNOOP-4-DHCP_SNOOPING_PERMIT: [dec] ARP messages ([chars]) on [chars], vlan [dec]. ([[chars]/[chars]/[chars]/[chars]/[chars]])`

Explanation Packet-count [dec] ARPs (arp-type [chars]) on interface [chars], vlan [dec]. ([sender-mac [chars]/sender-ip [chars]/ target-mac [chars]/target-ip [chars]/ time-of-day [chars]])

Recommended Action No action is required.

Error Message `DHCP_SNOOP-4-ERROR_DISABLED: Interface [chars] has moved to error disabled state due to excessive rate [dec] of ingress ARP packets`

Explanation Interface [chars] has moved to error disabled state due to excessive rate [dec] of ingress ARP packets

Recommended Action No action is required.

Error Message `DHCP_SNOOP-4-INVALID_ARP: [dec] Invalid ARP messages ([chars]) on [chars], vlan [dec]. ([[chars]/[chars]/[chars]/[chars]/[chars]])`

Explanation Packet-count [dec] Invalid ARPs (arp-type [chars]) on interface [chars], vlan [dec]. ([sender-mac [chars]/sender-ip [chars]/ target-mac [chars]/target-ip [chars]/ time-of-day [chars]])

Recommended Action No action is required.

DHCP_SNOOP-6

Error Message `DHCP_SNOOP-6-DAIVLANDISABLE: DAI disabled on vlan [dec]`

Explanation Dynamic ARP Inspection was disabled on a given vlan. [dec] is the VLAN-ID that identifies the vlan. This is an informational message.

Recommended Action No action is required.

Error Message `DHCP_SNOOP-6-DAIVLANENABLE: DAI enabled on vlan [dec]`

Explanation Dynamic ARP Inspection was enabled on a given vlan. [dec] is the VLAN-ID that identifies the vlan. This is an informational message.

Recommended Action No action is required.

Error Message `DHCP_SNOOP-6-DHCPBINDSYNC: Binding entry with MAC [chars] interface [chars] VLAN [dec] IP address [chars] and lease time [dec] secs is synced.`

Explanation Binding entry identified by [chars] has been synced. [chars] identifies the interface. [dec] identifies the VLAN. [chars] identifies IP address. [dec] identifies the lease time in secs. This is an informational message.

Recommended Action No action is required.

Error Message `DHCP_SNOOP-6-DHCPEXIT: DHCP Daemon shutting down gracefully.`

Explanation DHCP Daemon is shutting down gracefully. This is an informational message.

Recommended Action No action is required.

Error Message `DHCP_SNOOP-6-DHCPHOSTADD: A new Host is [chars] connected to interface [chars] in VLAN [dec] and is allocated IP address [chars] for [dec] secs.`

Explanation A Host identified by [chars] has been added. [chars] identifies the interface. [dec] identifies the VLAN. [chars] identifies IP address. [dec] identifies the lease time in secs. This is an informational message.

Recommended Action No action is required.

Error Message `DHCP_SNOOP-6-DHCPLEASEEXPIRE: Lease expired for host [chars] having IP address [chars] connected to interface [chars] in VLAN [dec] for lease [dec] secs.`

Explanation The lease for host identified by [chars] with IP address [chars] connected to interface [chars] in VLAN [dec] with lease [dec] has expired.

Recommended Action No action is required.

Error Message `DHCP_SNOOP-6-DHCPPERMITTEDARP: ARP frame permitted due to DHCP snooping binding on interface [chars] vlan [dec] sender mac [chars] sender ip [chars] target mac [chars] target ip [chars].`

Explanation [chars] identifies interface and [dec] identifies the vlan on which ARP packets have been permitted. [chars] identifies sender mac and [chars] identifies the sender ip. [chars] identifies the target mac and [chars] identifies the target ip.

Recommended Action No action is required.

Error Message `DHCP_SNOOP-6-DHCPPKTFWD: Gracefully forwarding DHCP packet. Reason: [chars]`

Explanation Gracefully forwarding DHCP packet. reason [chars]

Recommended Action No action is required.

Error Message `DHCP_SNOOP-6-DHCPUP: DHCP Daemon Up.`

Explanation DHCP Daemon was created successfully and is up and running. This is an informational message.

Recommended Action No action is required.

Error Message `DHCP_SNOOP-6-INFO: [chars]`

Explanation An event during switchover. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message `DHCP_SNOOP-6-INTFDISABLE: IP Src Guard disabled on intf [chars]`

Explanation IP Src Guard was disabled on a given intf. [chars] is the intf-ID string that identifies the intf. This is an informational message.

Recommended Action No action is required.

Error Message `DHCP_SNOOP-6-INTFENABLE: IP Src Guard enabled on intf [chars]`

Explanation IP Src Guard was enabled on a given intf. [chars] is the intf-ID string that identifies the intf. This is an informational message.

Recommended Action No action is required.

Error Message `DHCP_SNOOP-6-NONDHCPPKTFWD: Non DHCP packet with src port:[dec] dst port:[dec] on intf:[chars] vlan:[dec]. Forwarding on [chars]`

Explanation Non DHCP packet arrived with UDP src/dst ports [dec], [dec] on interface [chars], vlan [dec]. Forwarding the packet on [chars]

Recommended Action No action is required.

Error Message `DHCP_SNOOP-6-OPT82INSTFAIL: [chars] [chars]`

Explanation Insertion of Option82 suboptions failed. [chars] tells the failure. [chars] explains the reason for failure. This is an informational message.

Recommended Action No action is required.

Error Message `DHCP_SNOOP-6-VLANDISABLE: DHCP Snooping disabled on vlan [dec]`

Explanation DHCP Snooping was disabled on a given vlan. [dec] is the VLAN-ID that identifies the vlan. This is an informational message.

Recommended Action No action is required.

Error Message `DHCP_SNOOP-6-VLANENABLE: DHCP Snooping enabled on vlan [dec]`

Explanation DHCP Snooping was enabled on a given vlan. [dec] is the VLAN-ID that identifies the vlan. This is an informational message.

Recommended Action No action is required.

DIAGCLIENT Messages

This section contains the DIAGCLIENT messages.

DIAGCLIENT-2

Error Message `DIAGCLIENT-2-DIAG_BOOTUP_COMPLETE: Module <[dec]> Bootup Test <[chars]> has reported <[chars]>`

Explanation Bootup Test completed

Recommended Action Nothing to be done if the test reports SUCCESS otherwise copy the error message exactly as it appears on the console, gather the output of show tech-support, and contact your Cisco technical support representative with the gathered information

Error Message `DIAGCLIENT-2-EEM_ACTION_HM_SHUTDOWN: Test <[chars]> has been disabled as a part of default EEM action`

Explanation Informational Syslog

Recommended Action No action is required.

Error Message `DIAGCLIENT-2-PSS_READ_FAILURE: Read from PSS failed on Module <[dec]>`

Explanation Read operation from PSS store failed

Recommended Action No action is required.

Error Message `DIAGCLIENT-2-PSS_WRITE_FAILURE: Write to PSS failed on Module <[dec]>`

Explanation Write operation on PSS store failed

Recommended Action No action is required.

DIAGCLIENT-3

Error Message `DIAGCLIENT-3-DIAG_HM_FAIL: Module <[dec]> Health Monitoring Test <[chars]> has failed. Please use 'show diagnostic result <target>' to see test results`

Explanation A Health Monitoring Test has reported failure

Recommended Action Ensure the line card is firmly in the slot, reseat if necessary, and attempt to run the test again if the line card is not seated properly in the slot. If the line card was properly seated in the slot, copy the error message exactly as it appears on the console, gather the output of show tech-support, and contact your Cisco technical support representative with the gathered information.

Error Message `DIAGCLIENT-3-ONDEMAND_FAIL_EXCESS: Module <[dec]> Test <[chars]> has failed more than <[dec]> number of times`

Explanation Ondemand test has failed more than configured number of times

Recommended Action Copy the error message exactly as it appears on the console, gather the output of show tech-support, and contact your Cisco technical support representative with the gathered information

DIAGCLIENT-4

Error Message `DIAGCLIENT-4-LC_OFFLINE_FOR_CURR_SLOT: Received LC offline event for the current slot:[dec]. Ignoring it`

Explanation Informational Syslog

Recommended Action No action is required.

Error Message `DIAGCLIENT-4-MTS_SEND_FAILURE: MTS send failed, mts_opc: [chars], dest slot: [dec], dest SAP: [dec], error-id: [hex]`

Explanation MTS send reports failure

Recommended Action No action is required.

DIAGCLIENT-5

Error Message `DIAGCLIENT-5-CALLOC_FAILURE: Memory allocation failed`

Explanation DiagClient process could not allocate memory

Recommended Action No action is required.

Error Message `DIAGCLIENT-5-DIAG_SCHED_COMPLETE: Module <[dec]> Test <[chars]> has completed Scheduled Testing`

Explanation A scheduled Test was completed

Recommended Action No action is required.

Error Message `DIAGCLIENT-5-ONDEMAND_FAIL: Module <[dec]> Test <[chars]> has failed in Test_Iteration <[dec]>`

Explanation The specified test has reported FAILURE in this Iteration

Recommended Action No action is required.

Error Message `DIAGCLIENT-5-ONDEMAND_SUCCESS: Module <[dec]> Test <[chars]> has completed successfully in Test_Iteration <[dec]>`

Explanation The specified test has reported SUCCESS in this Iteration

Recommended Action No action is required.

Error Message `DIAGCLIENT-5-PER_PORT_TEST_FAIL: Module <[dec]> Test <[chars]> has failed on Ports <[chars]> Please use 'show diagnostic result <target>' to see test results`

Explanation Per Port Test has failed on the above all ports

Recommended Action No action is required.

DIAGMGR Messages

This section contains the DIAGMGR messages.

DIAGMGR-2

Error Message `DIAGMGR-2-MTS_SEND_FAILURE: MTS send failed, mts_opc: [chars], dest slot: [dec], dest SAP: [dec], error-id: [hex]`

Explanation MTS send reports failure

Recommended Action No action is required.

Error Message `DIAGMGR-2-PSS_DELETE_FAILURE: Read from PSS failed on Module <[dec]>`

Explanation Read operation from PSS store failed

Recommended Action No action is required.

Error Message `DIAGMGR-2-PSS_WRITE_FAILURE: Write to PSS failed on Module <[dec]>`

Explanation Write operation on PSS store failed

Recommended Action No action is required.

DIAGMGR-3

Error Message `DIAGMGR-3-DIAG_MAJOR_DEFECT: Module <[dec]> Test <[chars]> detected a Major Error Please use 'show diagnostic result <target>' to see test results`

Explanation A major error was detected during diagnostic testing

Recommended Action Re-seat the card and retry the test. If the same result occurs after reseating the card and retrying the test, copy the error message exactly as it appears on the screen and gather the output of show tech-support and any other relevant information. Contact your technical support representative with the gathered information.

Error Message `DIAGMGR-3-DIAG_MINOR_DEFECT: Module <[dec]> Test <[chars]> detected a Minor Error Please use 'show diagnostic result <target>' to see test results`

Explanation A minor error was detected during diagnostic testing

Recommended Action Re-seat the card and retry the test. If the same result occurs after reseating the card and retrying the test, copy the error message exactly as it appears on the screen and gather the output of show tech-support and any other relevant information. Contact your technical support representative with the gathered information

Error Message `DIAGMGR-3-GET_CURR_SLOT_FAIL: Failed to get the current slot for the process. Error:[chars]`

Explanation The process initialization failed to get the current slot.

Recommended Action This is an informational message stating that a process initialization failure.

DIAGMGR-4

Error Message `DIAGMGR-4-CURR_SLOT_OFFLINE: Recevied an LC offline event for the current slot:[dec]. Ignoring it`

Explanation The process received an offline event for the slot it is running. Ignoring it.

Recommended Action This is an informational message stating that an unexpected event has been encountered.

Error Message `DIAGMGR-4-DISRPT_TST_START: Starting Test <[chars]> on Module <[dec]> is Disruptive`

Explanation Starting a Disruptive Test can disturb the system's normal functionality

Recommended Action Reset target module

Error Message `DIAGMGR-4-FIXED_INTRVL_CHANGED: The users are not allowed to change monitoring interval of Test <[chars]>`

Explanation The specified health monitoring test interval is not user-configurable and therefore cannot be changed

Recommended Action Nothing. The specific health monitoring interval is not user- configurable by design so nothing can be done to change the interval

Error Message `DIAGMGR-5`

Error Message `DIAGMGR-5-BOOTUP_CONF: Diagnostic Bootup Level: <[chars]>`

Explanation Current Diagnostic BootUp Level being configure or changed

Recommended Action No action is required.

Error Message `DIAGMGR-5-CALLOC_FAILURE: Memory allocation failure`

Explanation Memory allocation in a call to malloc/calloc has failed

Recommended Action No action is required.

Error Message `DIAGMGR-5-CHANGE_ALWAYS_HM: Health Monitoring test <[chars]> in Module <[dec]> is a must run and cannot be modified`

Explanation The specified health monitoring test must be run and cannot be disabled

Recommended Action Nothing. The specific health monitoring test cannot be disabled by design. The system is working properly.

Error Message `DIAGMGR-5-HM_START: Health monitoring test <[chars]> for Module <[dec]>`

Explanation Health Monitoring Test started

Recommended Action No action is required.

Error Message `DIAGMGR-5-HM_STOP: Disabling health monitoring test <[chars]> for Module <[dec]>`

Explanation Health Monitoring Test has been stopped It can be enabled through the diagnostic monitor..... command

Recommended Action No action is required.

Error Message `DIAGMGR-5-INTRVL_INCORRECT: Monitoring Interval is less than minimum of [dec] seconds required for Module <[dec]> test <[chars]>`

Explanation Health Monitoring cannot be enabled for the specified test because the interval for the test has been incorrectly set

Recommended Action The system is working properly and no action is required. If you want to specify a smaller testing interval, the error message text provides the lowest possible configurable interval for the specified monitoring interval

Error Message `DIAGMGR-5-MODULE_MISSING: Diagnostic command issued on non-existing Module <[dec]>`

Explanation A line card could not be located in a slot where a diagnostic action was requested

Recommended Action Ensure the targeted line card is properly seated in the specified slot. If the line card is properly seated, ensure the correct slot was indicated in the command-line interface. If the line card is well-seated and the correct slot was specified, copy the error message exactly as it appears on the screen as well as the output of show tech-support and paste the output into a separate file. Contact your technical support representative with the gathered information

Error Message `DIAGMGR-5-NONHM_AS_HM: The Test <[chars]> cannot be used as health monitoring test`

Explanation Non-HM test cannot be scheduled to run as a Health Monitoring test

Recommended Action No action is required.

DIAGMGR-6

Error Message `DIAGMGR-6-BOOTUP_DIAG_OK: Module <[dec]>: Passed Online Diagnostics`

Explanation The diagnostic tests did not detect any error on the card.

Recommended Action This is an informational message stating that the line card passed the diagnostic tests.

Error Message `DIAGMGR-6-BOOTUP_TEST_STARTED: Module <[dec]>: Running [chars] Diagnostics`

Explanation Starting bootup testing for above module

Recommended Action No action is required.

DIAG_PORT_LB Messages

This section contains the DIAG_PORT_LB messages.

DIAG_PORT_LB-2

Error Message `DIAG_PORT_LB-2-FIPS_RANDOM_ERROR: Random Number Generation Failure`

Explanation Random Number genration failed in FIPS module

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-2-LCM_RESP_SEND_FAILURE: LC Inserted request response send to Module Manager failed . Error:[chars]`

Explanation Failed to send the response for LC insertion to Module Manager.

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-2-LIF_GET_ERROR: [chars]([dec]) [chars] Error:[chars]`

Explanation Port Loopback test process failed to get Diagnostic LIF id

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-2-MALLOC_FAILURE: [chars]([dec]) Memory allocation failed.`

Explanation Port Loopback test process could not allocate memory

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-2-PORTLOOPBACK_TEST_FAIL: Module:[dec] Test:PortLoopback failed [dec] consecutive times. Faulty module:[chars] [chars] Error:[chars]`

Explanation PortLoopback test failed on the module consecutively

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-2-PROC_INIT_FAILURE: [chars]([dec]) [chars] Error:[chars]`

Explanation Port Loopback test process failed in process initialization

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-2-REWRITE_ENGINE_LOOPBACK_TEST_FAIL: Module:[dec] Test:RewriteEngine Loopback failed [dec] consecutive times. Faulty module:[chars] [chars] Error:[chars]`

Explanation Rewrite Engine Loopback test failed on the module consecutively

Recommended Action No action is required.

DIAG_PORT_LB-3

Error Message `DIAG_PORT_LB-3-DIAG_FWD_PATH_SETUP_FAILURE: [chars]. Module:[dec] Error:[chars].`

Explanation Forwarding path setup for port loopback tests failed

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-3-DIAG_PKT_SEND_FAILURE: [chars]([dec]) [chars]. Error:[chars]`

Explanation Port Loopback test process failed to send loopback packets.

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-3-FSM_LIB_ERROR: [chars]([dec]) [chars]. Error:[chars]`

Explanation Port Loopback test process failed in MTS API.

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-3-GET_DIAG_BD_FAIL: [chars]([dec]) Failed to get the BD for Diag VLAN:[dec]. Error:[chars].`

Explanation Failed to get the BD corresponding to the Diag VLAN

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-3-IFINDEX_LIB_FAILURE: [chars]([dec]) [chars] [chars]:[hex] [chars] [chars]`

Explanation Port Loopback test process failed in if_index library API

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-3-INVALID_TEST_REQUEST: [chars]([dec]) [chars]:[dec]`

Explanation Port Loopback test process failed to get test request info.

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-3-INVALID_TEST_RUN: [chars]([dec]) [chars]:[dec]`

Explanation Port Loopback test process failed to get the current test run information

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-3-PDB_LIB_API_ERROR: Failed to [chars]. Error:[dec].`

Explanation The port loopback test was not able to get chassis info

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-3-PIXM_LIB_ERROR: [chars]([dec]) Failed to convert [chars]:[hex] to [chars]. Error:[chars]`

Explanation Port Loopback test process failed to convert port ifindex <-> port index.

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-3-PORT_CLIENT_LIB_ERROR: [chars]([dec]) [chars]. Error:[chars]`

Explanation Port Loopback test process failed in Port Client API.

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-3-RESULT_ADD_FAILURE: [chars]([dec]) [chars]:[dec]`

Explanation Port Loopback test process failed to add the port test result

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-3-RESULT_SEND_FAILURE: [chars]([dec]) [chars]`

Explanation Port Loopback test process failed to send the test results

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-3-RW_ENGINE_LOOPBACK_TEST_SPINE_PATH_FAIL: Module:[dec] Test:RewriteEngine Loopback Spine path:[dec] failed [dec] consecutive times. Error:[chars]`

Explanation Rewrite Engine Loopback test failed on the spine path consecutively

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-3-SOCKET_ERROR: [chars]([dec]) [chars] Error:[chars]`

Explanation Port Loopback test process failed in socket operations

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-3-STATS_LIB_ERROR: [chars]([dec]) [chars]:[dec]`

Explanation Port Loopback test process failed in stats infra lib API.

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-3-TEST_RES_SEND_FAIL: Failed to send [chars] test results back to Diagnostics Infrastucture. Error:[chars].`

Explanation The port loopback test was not able to send the test results

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-3-TIMER_LIB_ERROR: [chars]([dec]) [chars]`

Explanation Port Loopback test process timer handling failure.

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-3-VLAN_ERROR: [chars]([dec]) [chars] Error:[chars]`

Explanation Port Loopback test process failed to get Diagnostic VLAN info

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-3-VQI_GET_FAIL: Failed to get the Diag VQi from XBM. Error:[chars]`

Explanation Rewrite Engine Loopback test failed to get the Diag VQi from XBAR Mgr

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-3-XBM_CFG_REQ_FAIL: Failed to conigure the XBAR mask while running the RewriteEngineLoopback test. Error:[chars]. Module:[dec] could have gone offline`

Explanation Rewrite Engine Loopback test failed to set the XBAR mask while running the test. The target module could have gone offline

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-4-MTS_LIB_ERROR: [chars]([dec]) [chars]. Warning:[chars]`

Explanation Port Loopback test process failed in MTS API.

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-4-PORT_CFG_REQ_SEND: [chars]([dec]) Failed to send request to configure port ifindex:[dec] for port loopback test`

Explanation Failed to configure/restore the port to do/cleanup port loopback testing

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-5-DIAG_PORT_LB_DISABLED: DIAG_PORT_LB Disabled`

Explanation DIAG_PORT_LB Service Disabled

Recommended Action No action is required.

Error Message `DIAG_PORT_LB-5-DIAG_PORT_LB_ENABLED: DIAG_PORT_LB Enabled`

Explanation DIAG_PORT_LB Service nabled

Recommended Action No action is required.

DMM Messages

This section contains the DMM messages.

DMM-SLOT#-5

Error Message `DMM-SLOT#-5-LOG_ERR_DMM_NEW_NPORT_SRVR_ZONE: Job Id:%Ld VSAN :[dec] New N-Port FCID :[hex] Server FCID:[hex] are in the same zone. ALERT!!`

Explanation A New N-Port has come up which is zoned in the same zone as the Server

Recommended Action No action is required.

Error Message `DMM-SLOT#-5-LOG_ERR_DMM_NEW_NPORT_STG_ZONE: Job Id:%Ld VSAN :[dec] New N-Port FCID :[hex] Storage FCID:[hex] are in the same zone. ALERT!!`

Explanation A New N-Port has come up which is zoned in the same zone as the Storage

Recommended Action No action is required.

Error Message `DMM-SLOT#-5-LOG_ERR_DMM_SRVR_RSCN: Job Id:%Ld Server N-Port pWWN:0x%Lx [chars]`

Explanation An RSCN event was received for the Server associated with a Job

Recommended Action No action is required.

Error Message `DMM-SLOT#-5-LOG_ERR_DMM_STG_RSCN: Job Id:%Ld N-Port pWWN:0x%Lx Storage:[chars] [chars]`

Explanation An RSCN event was received for the Storage associated with a Job

Recommended Action No action is required.

Error Message `DMM-SLOT#-5-LOG_EV_DMM_JOB_COMPLETE: Job Id:%Ld NumSession:[dec]`

Explanation Event indicating the completion of a Data Migration Job

Recommended Action No action is required.

Error Message `DMM-SLOT#-5-LOG_EV_DMM_JOB_ERROR_LOST_SSM_PEER_CONNECTION: Job Id:%Ld NumSession:[dec]`

Explanation Event indicating the Suspension of Data Migration Job due to loss in ip connectivity to peer ssm

Recommended Action No action is required.

Error Message `DMM-SLOT#-5-LOG_EV_DMM_JOB_ERROR: Job Id:%Ld NumSession:[dec]`

Explanation Event indicating the Suspension of Data Migration Job

Recommended Action No action is required.

Error Message `DMM-SLOT#-5-LOG_EV_DMM_JOB_FINISH: Job Id:%Ld NumSession:[dec]`

Explanation Event indicating Finish-request for a Method-2 Data Migration Job

Recommended Action No action is required.

Error Message `DMM-SLOT#-5-LOG_EV_DMM_JOB_START: Job Id:%Ld NumSession:[dec]`

Explanation Event indicating the start of a Data Migration Job

Recommended Action No action is required.

Error Message `DMM-SLOT#-5-LOG_EV_DMM_JOB_STOP: Job Id:%Ld NumSession:[dec]`

Explanation Event indicating that the Data Migration Job was stopped by Administrator

Recommended Action No action is required.

Error Message `DMM-SLOT#-5-LOG_EV_DMM_JOB_TCP_CONNECTION_DOWN: Job Id:%Ld lost connection to peer [chars]. Job may be RESET`

Explanation Event indicating IP Connectivity loss to peer SSM. Affected Job maybe be RESET

Recommended Action No action is required.

Error Message `DMM-SLOT#-5-LOG_EV_DMM_JOB_VERIFY_COMPLETE: Job Id:%Ld NumSession:[dec]`

Explanation Event indicating the completion of a Data Migration Job Verification

Recommended Action No action is required.

Error Message `DMM-SLOT#-5-LOG_EV_DMM_JOB_VERIFY_ERROR: Job Id:%Ld NumSession:[dec]`

Explanation Event indicating the Suspension of Data Migration Job Verification due to an error

Recommended Action No action is required.

Error Message `DMM-SLOT#-5-LOG_EV_DMM_JOB_VERIFY_START: Job Id:%Ld NumSession:[dec]`

Explanation Event indicating the start of a Data Migration Job Verification

Recommended Action No action is required.

Error Message `DMM-SLOT#-5-LOG_EV_DMM_JOB_VERIFY_STOP: Job Id:%Ld NumSession:[dec]`

Explanation Event indicating the Suspension of Data Migration Job Verification by the user

Recommended Action No action is required.

DOT1X Messages

This section contains the DOT1X messages.

DOT1X-2

Error Message `DOT1X-2-DOT1X_INIT: Dot1x unable to start`

Explanation The system failed to create the Dot1x process

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `DOT1X-3-ERR_SPANDST: It is configured as a SPAN Dest port.`

Explanation Dot1x and SPAN Dest ports are mutually exclusive features.

Recommended Action Disable SPAN destination port configuration first before reconfiguring Dot1x on the port.

Error Message `DOT1X-3-INVALID_INPUT: Invalid on interface [chars].`

Explanation The Dot1x interface parameter is out of the specified range or is invalid.

Recommended Action Refer to the CLI help documentation to determine the valid 802.1x parameters.

Error Message `DOT1X-3-MEM_UNAVAIL: perform the 802.1X action.`

Explanation Insufficient system memory is available to perform the Dot1x Authentication.

Recommended Action Reduce other system activity to ease memory demands. If conditions warrant, upgrade to a larger memory configuration.

Error Message `DOT1X-3-NOT_DOT1X_CAPABLE: interface [chars] because it is not a physical Ethernet interface.`

Explanation Dot1x Authentication can only be enabled on physical Ethernet interfaces.

Recommended Action Enable Dot1x Authentication on physical Ethernet interfaces only.

Error Message `DOT1X-3-SM_INIT: Internal error while initializing state machine [chars], state [chars]: [chars]`

Explanation An attempt was made to initialize an invalid state machine.

Recommended Action Initialize dot1x state machine

Error Message `DOT1X-4-BADEVENT: Event [chars] is invalid for the current state [chars]: [chars] [chars]`

Explanation An attempt was made to post an event to a state machine that is invalid for the current state.

Recommended Action Initialize dot1x state machine

Error Message `DOT1X-4-MAB_DISABLED_ON_PCM: Interface [chars] is a member of portchannel, MAB is not supported on this port`

Explanation MAB is not supported on portchannel member port

Recommended Action To enable MAB make sure that port is not member of portchannel

Error Message `DOT1X-4-MAB_DISABLED: Interface [chars] is in Trunk mode, MAB is not supported on this port`

Explanation MAB is not supported on Trunk port

Recommended Action To enable MAB make sure that port is not in trunk mode

Error Message `DOT1X-4-MULTIHOST_ON_PCM: Interface [chars] is a member of portchannel, dot1x host mode will be multi-host and changing it to single-host mode won't be supported`

Explanation Current Port is a member of portchannel, so dot1x host mode has to be in multi-host mode.

Recommended Action To change host mode, ensure that port is not a member of portchannel

Error Message `DOT1X-4-PSEC_ON_PCM: Interface [chars] is a member port or portchannel interface with port security configration`

Explanation Dot1x is not supported on member ports or port channel with port security configuration

Recommended Action Remove port security configuration on the member port or port channel interface

Error Message `DOT1X-4-STOPPED: Event [chars] ignored because the state machine is stopped: [chars] [chars]`

Explanation An attempted was made to post an event to a state machine that has already been stopped.

Recommended Action An internal error has occurred with the state machine. The traceback should indicate the guilty party.

Error Message `DOT1X-4-TO_MULTIHOST: Interface [chars] is in trunk mode, dot1x host mode will be multi-host and changing it to single-host mode won't be supported`

Explanation Current Port is in trunk mode, so dot1x host mode has to be in multi-host mode.

Recommended Action To change host mode, ensure that port is not in trunk mode

Error Message `DOT1X-5-DOT1X_DISABLED: dot1x Disabled`

Explanation Dot1x Service Disabled

Recommended Action No action is required.

Error Message `DOT1X-5-DOT1X_ENABLED: dot1x Enabled`

Explanation Dot1x Service Enabled

Recommended Action No action is required.

Error Message `DOT1X-5-INVALID_EAPOL: packet body length [dec] interface [chars] MTU [dec]`

Explanation 802.1X received invalid EAPOL packet

Recommended Action Verify source of EAPOL packets

Error Message `DOT1X-5-INVALID_MAC: broadcast or multicast mac address) [chars] is trying to authenticate.`

Explanation Authentication using 802.1x is not allowed for zero, broadcast, and multicast source MAC addresses.

Recommended Action Connect a Dot1x supported Host to the Dot1x enabled port.

Error Message `DOT1X-5-SECURITY_VIOLATION: New MAC address [chars] is seen on interface [chars] in [chars] mode`

Explanation The port on the interface specified in the error message is configured in single host mode. Any new host that is detected on the interface is treated as a security violation. The port has been Error disabled.

Recommended Action Ensure that the port is configured to use only one host. Enter the <Cmd>shutdown<Cmd> followed by <CmdBold>no shutdown<CmdBold> command to restart the port.

Error Message `DOT1X-5-SESSION_CREATION: Dot1x authentication session initiated in interface [chars] using authentication method [chars]`

Explanation Dot1x authentication session has been created after successful authentication of supplicant

Recommended Action No action is required.

Error Message `DOT1X-5-SESSION_TERMINATION: Dot1x authentication session in interface [chars] using authentication method [chars] is terminated because of [chars] and port moved to [chars] state`

Explanation Dot1x authentication session has been terminated

Recommended Action No action is required.

Error Message `DOT1X-5-STATUS: Dot1x interface [chars] status changed from [chars] to [chars]`

Explanation Dot1x authenticator has changed its internal state

Recommended Action No action is required.

Error Message `DPP_DEBUG-2-DPP_CRIT: [DPP[dec]] [chars]`

Explanation A DPP generated a critical message

Recommended Action No action is required.

Error Message `DPVM-2-ALLOC_FAILED: Memory allocation failed for size:[dec] for [chars]`

Explanation Memory allocation failed for size [dec] for [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `DPVM-2-DPVM_DUPL_REJECT: [chars]`

Explanation Rejected duplicate pwwn query

Recommended Action Dpvm overwrite-duplicate-pwwn

Error Message `DPVM-3-DB_ERR: [chars]`

Explanation An error occured during an DPVM database operation. [chars] indicates the reason for the error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `DPVM-3-DDAS_MODE_INVALID: [chars]`

Explanation DDAS mode Invalid. [chars]

Recommended Action Flip DDAS mode

Error Message `DPVM-3-INIT_FAIL: [chars]`

Explanation An error happened during DPVM Initialization. [chars] indicates the reason for failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `DPVM-3-MTS_ERR: [chars]`

Explanation An error occured in processing of an MTS message. [chars] indicates the error that occured

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `DPVM-3-PSS_ERR: [chars]`

Explanation An error occured during an DPVM PSS operation. [chars] indicates the PSS operation that caused the error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `DPVM-4-ACTIVATION_FAIL: [chars]`

Explanation Activation of DPVM device mappings failed due to [chars]

Recommended Action Correct the error and reactivate database again

Error Message `DPVM-4-FEATURE_DISABLED: [chars]`

Explanation DPVM is unavailable and disabled now

Recommended Action No action is required.

Error Message `DPVM-6-FEATURE_ENABLED: [chars]`

Explanation DPVM is available and enabled now

Recommended Action No action is required.

Error Message `DPVM-6-INFO: [chars]`

Explanation An event happened that affects DPVM. [chars] indicates the event

Recommended Action No action is required.

Error Message `DRAP-4-DRAP_INVALID_FTAG: Invalid ftag [dec] received`

Explanation Invalid ftag is received from remote

Recommended Action No action is required.

Error Message `DRAP-4-DRAP_INVALID_SWITCH_ID: Invalid switch-id [dec] received`

Explanation Invalid switch-id is received from remote

Recommended Action No action is required.

Error Message `DRAP-4-DRAP_LINK_BRINGUP_STALLED: Link bringup stalled due to conflicts`

Explanation Interface is disabled due to conflicts

Recommended Action No action is required.

Error Message `DRAP-6-DRAP_LINK_BRINGUP_RESOLVE_COLLISION: Resolving Collision for switch-id [dec]`

Explanation Resolving Collision for switch-id

Recommended Action No action is required.

Error Message `DRAP-6-DRAP_NEW_SWITCH_ID: New switch-id [chars] received`

Explanation New switch-id received

Recommended Action No action is required.

Error Message `DSTATS-2-PSS_INIT_FAIL: pss initialization failed due to error: [hex]`

Explanation Dstats process pss initialization failure due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message `DSTATS-3-PSS_CREATE_FAIL: pss create runtime database failed due to error: [hex]`

Explanation Dstats process pss create runtime database failure due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message `DSTATS-3-PSS_DELETE_FAIL: pss delete runtime entry key:[hex] failed due to error: [hex]`

Explanation Dstats process pss delete runtime entry key [hex] failure due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message `DSTATS-3-PSS_MAX_KEY_FAIL: pss set runtime max key failed due to error: [hex]`

Explanation Dstats process pss set runtime max key failure due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message `DSTATS-3-PSS_MAX_VALUE_FAIL: pss set runtime max value failed due to error: [hex]`

Explanation Dstats process pss set runtime max value failure due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message `DSTATS-3-PSS_OPEN_FAIL: pss open runtime database failed due to error: [hex]`

Explanation Dstats process pss open runtime database failure due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message `DSTATS-3-PSS_RELOAD_FAIL: pss reload runtime database failed due to error: [hex]`

Explanation Dstats process pss reload runtime database failure due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message `DSTATS-3-PSS_SNAPSHOT_DEBUG_FAIL: pss snapshot runtime debug to uri:[chars] failed due to error: [hex]`

Explanation Dstats process pss snapshot of runtime debug to uri [string] failed due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message `DSTATS-3-PSS_SNAPSHOT_FAIL: pss snapshot runtime to uri:[chars] failed due to error: [hex]`

Explanation Dstats process pss snapshot of runtime to uri [string] failed due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message `DSTATS-3-PSS_STORE_FAIL: pss store runtime entry key:[hex] val:[hex] failed due to error: [hex]`

Explanation Dstats process pss store runtime entry key [hex] value [hex] failure due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message `ELTMC-SLOT#-2-ELTMC_INTERFACE_INTERNAL_ERROR: Internal error: [chars]:[chars], collect output of show tech-support eltm`

Explanation ELTM hit a internal error. Collect show tech-support eltm for futher analysis.

Recommended Action No action is required.

Error Message `ELTMC-SLOT#-2-ELTMC_INTERNAL_ERROR: Internal error: [chars], collect output of show tech-support eltm`

Explanation ELTM hit a internal error. Collect show tech-support eltm for futher analysis.

Recommended Action No action is required.

Error Message `ELTMC-SLOT#-2-ELTMC_INTF_NOT_FOUND: Interface [chars] not found in ELTM database [chars]`

Explanation ELTM database doesn't have the interface.

Recommended Action No action is required.

Error Message `ELTMC-SLOT#-2-ELTMC_INTF_NOT_SUPP: Interface [chars] not supported by ELTM [chars]`

Explanation ELTM doesn't support the interface for the specified operation

Recommended Action No action is required.

Error Message `ELTMC-SLOT#-2-ELTMC_INTF_TO_LTL: Failed to get LTL for interface [chars] return status [chars]`

Explanation ELTM Failed to get LTL for interface. Packets received on this interface might not be handled correctly by the forwarding engine

Recommended Action No action is required.

Error Message `ELTMC-SLOT#-2-ELTMC_INTF_TO_SLOT: Failed to get slot for interface [chars] return status [chars]`

Explanation ELTM Failed to get Slot for interface. Port-channels and L2 Learning might be effected

Recommended Action No action is required.

Error Message `ELTMC-SLOT#-2-ELTMC_L2_LIF_ALLOC_FAIL_INTF: Failed to allocate L2 LIF entries in forwarding engine for interfac [chars]`

Explanation ELTM Failed to allocate L2 LIF entries in forwarding engine. This will effect Layer 2 and Layer 3 forwarding for the interface

Recommended Action No action is required.

Error Message `ELTMC-SLOT#-2-ELTMC_L2_LIF_ALLOC_FAIL_VDC: Failed to allocate L2 LIF entries in forwarding engine`

Explanation ELTM Failed to allocate L2 LIF entries in forwarding engine. This will effect Layer 2 and Layer 3 forwarding in this VDC

Recommended Action No action is required.

Error Message `ELTMC-SLOT#-2-ELTMC_L3_INGRESS_LIF_ALLOC_FAIL_INTF: Failed to allocate L3 Ingress LIF entries in forwarding engine for interfac [chars]`

Explanation ELTM Failed to allocate L3 Ingress LIF entries in forwarding engine. This will effect Layer 3 forwarding for the interface

Recommended Action No action is required.

Error Message `ELTMC-SLOT#-2-ELTMC_RSVD_VLAN: Failed to get the reserved vlans. Failed with error [chars]`

Explanation ELTM Failed to get the reserved vlan's. This will effect multicast forwarding on SVI interfaces

Recommended Action No action is required.

Error Message `ELTMC-SLOT#-2-ELTMC_VLAN_INTERNAL_ERROR: Internal error: VLAN [dec]:[chars], collect output of show tech-support eltm`

Explanation ELTM hit a internal error. Collect show tech-support eltm for futher analysis.

Recommended Action No action is required.

Error Message `ELTM-2-INTERFACE_INTERNAL_ERROR: Internal error: [chars]:[chars], collect output of show tech-support eltm`

Explanation ELTM hit a internal error. Collect show tech-support eltm for futher analysis.

Recommended Action No action is required.

Error Message `ELTM-2-INTERNAL_ERROR: Internal error: [chars], collect output of show tech-support eltm`

Explanation ELTM hit a internal error. Collect show tech-support eltm for futher analysis.

Recommended Action No action is required.

Error Message `ELTM-2-INTF_NOT_FOUND: Interface [chars] not found in ELTM database [chars]`

Explanation ELTM database doesn't have the interface.

Recommended Action No action is required.

Error Message `ELTM-2-INTF_NOT_SUPP: Interface [chars] not supported by ELTM [chars]`

Explanation ELTM doesn't support the interface for the specified operation

Recommended Action No action is required.

Error Message `ELTM-2-INTF_TO_LTL: Failed to get LTL for interface [chars] return status [chars]`

Explanation ELTM Failed to get LTL for interface. Packets received on this interface might not be handled correctly by the forwarding engine

Recommended Action No action is required.

Error Message `ELTM-6-ELTM_MTS_SEND_FAILED: Failed to send MTS message errno [hex] opcode [dec]`

Explanation No action is required.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `EOU-2-PBACL_APPLICATION_FAILURE: [chars] of host [chars] to/from pbacl group [chars] failed. Error : [chars]`

Explanation Failure of host addition/deletion to/from pbacl group

Recommended Action Please verify the addition/deletion of the host using the cli show object-group. If it was a delete request that failed, manual deletion of the host from the group is recommended

Error Message `EOU-5-L2NAC_DISABLED: EOU Disabled`

Explanation Service EOU Disabled

Recommended Action No action is required.

Error Message `EOU-5-L2NAC_ENABLED: EOU Enabled`

Explanation Service EOU enabled

Recommended Action No action is required.

Error Message `EOU-6-AAA_DOWN: Default Policy ip: [chars]:retained`

Explanation Policy retained

Recommended Action No action is required.

Error Message `EOU-6-AUTHTYPE: Authtype: ip: [chars] Authtype:[chars]`

Explanation Authentication type

Recommended Action No action is required.

Error Message `EOU-6-BAD_PKT: Bad Packet: ip: [chars] Why: [chars]`

Explanation Bad Packet because of reason specified

Recommended Action No action is required.

Error Message `EOU-6-CTA: CTA: ip: [chars] status(detected/not detected): [chars]`

Explanation CTA detected or not

Recommended Action No action is required.

Error Message `EOU-6-IDENTITY_MATCH: Identity Match: ip: [chars] Policy: [chars]`

Explanation Identity Matched or not

Recommended Action No action is required.

Error Message `EOU-6-PBACL_APPLICATION_STATUS: [chars] of host [chars] to/from pbacl group [chars] succeeded`

Explanation Status of host addition/deletion to pbacl group

Recommended Action No action is required.

Error Message `EOU-6-POLICY: Policy on ip: [chars]: [chars]: [chars]`

Explanation Policy applied

Recommended Action No action is required.

Error Message `EOU-6-POSTURE: Posture:ip: [chars] Status: [chars], Interface: [chars]`

Explanation Posture of host

Recommended Action No action is required.

Error Message `EOU-6-SESSION: Session ip: [chars] Action:[chars] , Interface: [chars]`

Explanation Session detected

Recommended Action No action is required.

Error Message `EOU-6-SOCKET: Service eou on port: [dec]`

Explanation Eou using above port

Recommended Action No action is required.

Error Message `EOU-6-SQ_EAP_MSG: Status Query: ip: [chars] status: [chars]`

Explanation Status query state

Recommended Action No action is required.

Error Message `EOU-6-UNKN_EVENT_ERR: Unknow Event Err: ip: [chars] Message: [chars]`

Explanation Error due to unknown event

Recommended Action No action is required.

Error Message `EOU-6-VERSION_MISMATCH: Eou version mismatch ip: [chars] and version [dec]`

Explanation Eou version mismatch

Recommended Action No action is required.

Error Message `EOU-7-EOU_DISABLED_INTF: eou disabled on interface [chars]`

Explanation Eou service disabled on interface

Recommended Action No action is required.

Error Message `EOU-7-EOU_ENABLED_INTF: eou enabled on interface [chars]`

Explanation Eou service enabled on interface

Recommended Action No action is required.

Error Message `EPLD_UPGRADE-2-ACTIVE_SUP_UPGRADE: install all epld does not upgrade Active Supervisor module [dec]. Please do a switchover and upgrade the EPLDs on module [dec].`

Explanation Install all epld did not upgrade Active Supervisor.

Recommended Action No action is required.

EPP Messages

This section contains the EPP messages.

EPP-5

Error Message `EPP-5-EPP_FAILURE: Interface [chars] EPP Failure`

Explanation Trunk protocol failed

Recommended Action 'show epp internal event-history err' will indicate the errors encountered

Error Message `EPP-5-EPP_LOOPBACK: Interface [chars] is looped back to the same switch`

Explanation The interface is looped back to another interface on the same switch

Recommended Action Check the connectivity of this interface and ensure that it is connected to another switch

ETH-PORT-SEC Messages

This section contains the ETH-PORT-SEC messages.

ETH-PORT-SEC-2

Error Message `ETH-PORT-SEC-2-ETH_PORT_SEC_SECURITY_VIOLATION_ANOTHER_PORT: Host [chars] bound to Port [chars] in Vlan [dec] is trying to access Port [chars] in Vlan [dec]`

Explanation Moved the port to violation state due to a mac address seen on one port being seen on another

Recommended Action No action is required.

Error Message `ETH-PORT-SEC-2-ETH_PORT_SEC_SECURITY_VIOLATION_MAX_MAC_VLAN: Port [chars] moved to [chars] state as host [chars] is trying to access the port in vlan [dec]`

Explanation Moved the port to violation state due to exceeding address count

Recommended Action No action is required.

Error Message `ETH-PORT-SEC-2-ETH_PORT_SEC_SECURITY_VIOLATION: Triggered violation [chars] on Port [chars]`

Explanation Violation action triggered on port due to security violation.

Recommended Action No action is required.

ETH-PORT-SEC-3

Error Message `ETH-PORT-SEC-3-ETH_PORT_SEC_CONFIG_MAC_FAILED: Failed to configure MACs`

Explanation Failed to configure MACs

Recommended Action No action is required.

Error Message `ETH-PORT-SEC-3-ETH_PORT_SEC_INVALID_VLAN: Invalid VLAN configuration`

Explanation Invalid VLAN configuration

Recommended Action No action is required.

Error Message `ETH-PORT-SEC-3-ETH_PORT_SEC_PKTSENDFAIL: Failed to send packet, -[chars]`

Explanation Failed to send packet. [char] identifies the reason.

Recommended Action No action is required.

Error Message `ETH-PORT-SEC-3-ETH_PORT_SEC_UNABLE_TO_DISABLE: Unable to disable eth_port_sec [chars].`

Explanation Unable to disable eth_port_sec Service

Recommended Action No action is required.

Error Message `ETH-PORT-SEC-3-ETH_PORT_SEC_UNABLE_TO_ENABLE: Unable to enable eth_port_sec [chars].`

Explanation Unable to enable eth_port_sec Service

Recommended Action No action is required.

Error Message `ETH-PORT-SEC-3-ETH_PORT_SEC_VIOL_UPDATE_FAILED: Failed to update violation mode`

Explanation Failed to update violation mode

Recommended Action No action is required.

ETH-PORT-SEC-5

Error Message `ETH-PORT-SEC-5-ETH_PORT_SEC_AGE_TIME_EXPIRY: Age Time expired for host [chars] in VLAN [dec] in port [chars]`

Explanation Age time expired for host

Recommended Action No action is required.

Error Message `ETH-PORT-SEC-5-ETH_PORT_SEC_DISABLED: eth_port_sec Disabled on if_index:[hex]`

Explanation Eth_port_sec Service Disabled

Recommended Action No action is required.

Error Message `ETH-PORT-SEC-5-ETH_PORT_SEC_DYNAMIC_MAC_ADDRESS_CLEARED: Dynamic MAC addresses for port [chars] cleared`

Explanation Dynamic MAC address for port cleared

Recommended Action No action is required.

Error Message `ETH-PORT-SEC-5-ETH_PORT_SEC_ENABLED: eth_port_sec Enabled on if_index:[hex]`

Explanation Eth_port_sec Service Enabled

Recommended Action No action is required.

Error Message `ETH-PORT-SEC-5-ETH_PORT_SEC_HOST_ADDITION: A new Host [chars] learnt on Port [chars] in Vlan [dec]`

Explanation A new host is learnt on a port

Recommended Action No action is required.

Error Message `ETH-PORT-SEC-5-ETH_PORT_SEC_HOST_DELETION: Host [chars] bound to secure port [chars] in Vlan [dec] has been removed`

Explanation A host has been removed

Recommended Action No action is required.

Error Message `ETH-PORT-SEC-5-ETH_PORT_SEC_INITFAIL: Eth Port Security Initialization failed: [chars]`

Explanation Eth Port Security Initialization failed.[chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message `ETHPORT-2-IF_CRITICAL_FAILURE: (Debug syslog)Critical failure: [chars], [chars]`

Explanation There was a critical failure in the component.

Recommended Action Please follow instructions on the syslog.

Error Message `ETHPORT-2-IF_DOWN_ERROR_DISABLED: Interface [chars] is down (Error disabled. Reason:[chars])`

Explanation The interface encountered an error while configuring it

Recommended Action Collect more information about failed interface using command 'show port internal all interface [char]'. In most cases, you can recover using a 'shutdown' followed a 'no shutdown' on the interface or removing and re-inserting the fibre optic cable.

Error Message `ETHPORT-2-IF_ERROR_SHUT_LAN_NO_DCX: Shutting lan on interface [chars] that doesn't connect to a DCBX capable adaptor.`

Explanation Shutting lan on interface that doesn't connect to a DCBX capable adaptor.

Recommended Action No action is required.

Error Message `ETHPORT-2-IF_SEQ_ERROR: Error ([chars]) communicating with [chars] for opcode [chars] ([chars]) - Ethpm didntreceiveaLinkUPfromthedriverontimeorhadaninternalerror,checkPortClientandEthpmlogsanddebuginfo'`

Explanation Some component returned system error as a response to one of the port event sequence.

Recommended Action None

Error Message `ETHPORT-2-SEQ_TIMEOUT: Component [chars] timed out on response to opcode [chars] ([chars])`

Explanation Some component did not respond to a request in stipulated time.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `ETHPORT-2-SYSLOG_ETHPM_CRITICAL: Critical failure: [chars]`

Explanation There was a critical failure in the component.

Recommended Action Please collect system tech-support

Error Message `ETHPORT-3-IF_DOWN_CHANNEL_ERR_DISABLED: Interface [chars] is down (Channel error disabled)`

Explanation This interface belongs to a PortChannel and the PortChannel is error disabled

Recommended Action Perform 'shut' and 'no shutdown' on the PortChannel interface that it belongs to

Error Message `ETHPORT-3-IF_ERROR_VLANS_REMOVED: VLANs [chars] on Interface [chars] are removed from suspended state.`

Explanation The VLANs on an interface are being removed from the suspended state

Recommended Action No action is required.

Error Message `ETHPORT-3-IF_ERROR_VLANS_SUSPENDED: VLANs [chars] on Interface [chars] are being suspended. (Reason: [chars])`

Explanation The VLANs on an interface are being suspended due to some protocol action

Recommended Action No action is required.

Error Message `ETHPORT-3-IF_NON_CISCO_TRANSCEIVER: Non-Cisco transceiver on interface [chars] is detected`

Explanation The transceiver for the interface specified in the error message is not a Cisco module

Recommended Action Replace the module with a compatible transceiver. If the transceiver was purchased from Cisco, please contact Cisco TAC to get the transceiver replaced

Error Message `ETHPORT-3-IF_SFP_ALARM: Interface [chars], [chars]`

Explanation There was an alarm on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

Error Message `ETHPORT-3-IF_SFP_ERROR: Interface [chars], [chars]`

Explanation There was an error on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

Error Message `ETHPORT-3-IF_UNSUPPORTED_TRANSCEIVER_VENDOR: Transceiver vendor ([hex] [hex] [hex]) for interface [chars] is not supported`

Explanation The transceiver vendor for the interface specified in the error message is not supported

Recommended Action Replace the module with a compatible transceiver. If the transceiver was purchased from Cisco, please contact Cisco TAC to get the transceiver replaced

Error Message `ETHPORT-3-IF_UNSUPPORTED_TRANSCEIVER: Transceiver on interface [chars] is not supported`

Explanation The transceiver for the interface specified in the error message is not a Cisco supported module

Recommended Action Replace the module with a compatible transceiver. If the transceiver was purchased from Cisco, please contact Cisco TAC to get the transceiver replaced

Error Message `ETHPORT-3-IF_XCVR_ALARM: Interface [chars], [chars]`

Explanation There was an alarm on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

Error Message `ETHPORT-3-IF_XCVR_ERROR: Interface [chars], [chars]`

Explanation There was an error on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

Error Message `ETHPORT-4-IF_SFP_WARNING: Interface [chars], [chars]`

Explanation There was an warning on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

Error Message `ETHPORT-4-IF_XCVR_WARNING: Interface [chars], [chars]`

Explanation There was an warning on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

Error Message `ETHPORT-5-IF_ADMIN_UP: Interface [chars] is admin up [chars]`

Explanation Interface is admin up

Recommended Action No action is required.

Error Message `ETHPORT-5-IF_BANDWIDTH_CHANGE: Interface [chars],bandwidth changed to [chars] Kbit`

Explanation Bandwidth of the interface has changed and this change is updated

Recommended Action No action is required.

Error Message `ETHPORT-5-IF_DCE_MODE: Interface [chars], dce mode changed to [chars]`

Explanation The dce mode on the port has changed

Recommended Action No action is required.

Error Message `ETHPORT-5-IF_DOWN_ADMIN_DOWN: Interface [chars] is down (Administratively down)`

Explanation Interface has been configured to be administratively down

Recommended Action Perform 'no shutdown'

Error Message `ETHPORT-5-IF_DOWN_CFG_CHANGE: Interface [chars] is down(Config change)`

Explanation FCIP interface temporarily down due to reconfiguration

Recommended Action No action is required.

Error Message `ETHPORT-5-IF_DOWN_CHANNEL_ADMIN_DOWN: Interface [chars] is down (Channel admin down)`

Explanation This interface belongs to a PortChannel and the PortChannel is configured to be administratively down

Recommended Action Perform 'no shutdown' on the PortChannel interface that it belongs to

Error Message `ETHPORT-5-IF_DOWN_CHANNEL_MEMBERSHIP_UPDATE_IN_PROGRESS: Interface [chars] is down (Channel membership update in progress)`

Explanation The interface belongs to a PortChannel and a configuration is being attempted on the interface while there is a configuration in progress on the PortChannel

Recommended Action Retry the configuration again

Error Message `ETHPORT-5-IF_DOWN_DOMAIN_ADDR_ASSIGN_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to domain id assignment failure)`

Explanation Isolated due to a failure while assigning a domain

Recommended Action No action is required.

Error Message `ETHPORT-5-IF_DOWN_DOMAIN_INVALID_RCF_RECEIVED: Interface [chars] is down (Isolation due to invalid fabric reconfiguration)`

Explanation Invalid RCF received

Recommended Action No action is required.

Error Message `ETHPORT-5-IF_DOWN_DOMAIN_MANAGER_DISABLED: Interface [chars] is down (Isolation due to domain manager disabled)`

Explanation Isolated due to domain manager being disabled

Recommended Action No action is required.

Error Message `ETHPORT-5-IF_DOWN_DOMAIN_MAX_RETRANSMISSION_FAILURE: Interface [chars] is down (Isolation due to domain manager other side not responding)`

Explanation Remote end domain manager not responding

Recommended Action No action is required.

Error Message `ETHPORT-5-IF_DOWN_DOMAIN_OTHER_SIDE_EPORT_ISOLATED: Interface [chars] is down (Isolation due to domain other side eport isolated)`

Explanation Isolating this interface due to the remote end being isolated

Recommended Action No action is required.

Error Message `ETHPORT-5-IF_DOWN_DOMAIN_OVERLAP_ISOLATION: Interface [chars] is down (Isolation due to domain overlap)`

Explanation Isolated due to domain overlap

Recommended Action No action is required.

Error Message `ETHPORT-5-IF_DOWN_ELP_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to ELP failure)`

Explanation ELP failed on the interface

Recommended Action Check the output of 'show port internal info' in the 'ELP failure reason' field

Error Message `ETHPORT-5-IF_DOWN_EPP_FAILURE: Interface [chars] is down (Error Disabled - EPP Failure)`

Explanation Trunk protocol failed

Recommended Action 'show port internal event-history msgs' will indicate the trunk protocol exchanges to determine why it failed

Error Message `ETHPORT-5-IF_DOWN_ESC_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to ESC failure)`

Explanation ESC failed on the interface

Recommended Action Check the output of 'show port internal event-history' to determine the ESC protocol exchanges to determine how it failed

Error Message `ETHPORT-5-IF_DOWN_ETH_IF_DOWN: Interface [chars] is down(Tunnel port src interface down)`

Explanation Ethernet link to which the FCIP interface is bound is down

Recommended Action Ensure that the ethernet cable is connected, the interface is administratively enabled

Error Message `ETHPORT-5-IF_DOWN_ETH_LINK_DOWN: Interface [chars] is down(Tunnel port src interface link down)`

Explanation Ethernet link to which the FCIP interface is bound is down

Recommended Action Ensure that the ethernet cable is connected and the remote end is also active

Error Message `ETHPORT-5-IF_DOWN_FCOT_NOT_PRESENT: Interface [chars] is down (FCOT not present)`

Explanation The FCOT has been removed

Recommended Action Insert an FCOT

Error Message `ETHPORT-5-IF_DOWN_FCOT_VENDOR_NOT_SUPPORTED: Interface [chars] is down (Error disabled - Fcot vendor not supported)`

Explanation Fcot inserted is not a supported one

Recommended Action Please contact customer support for a list of authorized transceiver vendors

Error Message `ETHPORT-5-IF_DOWN_HW_FAILURE: Interface [chars] is down (Hardware Failure)`

Explanation The module's hardware has failed

Recommended Action Collect more information about failed module using command 'show module internal all module'

Error Message `ETHPORT-5-IF_DOWN_INACTIVE: Interface [chars] is down (Inactive)`

Explanation The port VSAN has been suspended or deleted

Recommended Action Assign a new active port VSAN to the interface

Error Message `ETHPORT-5-IF_DOWN_INCOMPATIBLE_ADMIN_MODE: Interface [chars] is down (Error disabled - Incompatible admin port mode)`

Explanation The configured mode is not supported on this interface

Recommended Action Perform a 'show port internal info' to determine the list of modes supported on this interface

Error Message `ETHPORT-5-IF_DOWN_INCOMPATIBLE_ADMIN_RXBBCREDIT: Interface [chars] is down (Error disabled - Incompatible admin port rxbbcredit)`

Explanation The configured receive B2B credit size is not supported

Recommended Action Get the allowed receive B2B credit size from 'show port internal info'

Error Message `ETHPORT-5-IF_DOWN_INCOMPATIBLE_ADMIN_RXBUFSIZE: Interface [chars] is down (Error disabled - Incompatible admin port rxbufsize)`

Explanation The configured receive buffer size is not supported

Recommended Action Get the allowed receive buffer size from 'show port internal info'

Error Message `ETHPORT-5-IF_DOWN_INCOMPATIBLE_ADMIN_SPEED: Interface [chars] is down (Error disabled - Incompatible admin port speed)`

Explanation The configured speed is not supported on this interface

Recommended Action Perform a 'show port internal info' to determine the range of speed supported on this interface

Error Message `ETHPORT-5-IF_DOWN_INITIALIZING: Interface [chars] is down (Initializing)`

Explanation The interface is in the process of coming up

Recommended Action If the interface is stuck in this state for a while, check the output of 'show port internal event-history' to determine what it is waiting for

Error Message `ETHPORT-5-IF_DOWN_INTERFACE_REMOVED: Interface [chars] is down (Interface removed)`

Explanation Interface removed

Recommended Action No action is required.

Error Message `ETHPORT-5-IF_DOWN_L3_NOT_READY: Interface [chars] is down (L3 not ready)`

Explanation System is not L3 ready: L3 license not found or router card not present

Recommended Action Please check L3 license or router card

Error Message `ETHPORT-5-IF_DOWN_LINK_FAILURE: Interface [chars] is down (Link failure)`

Explanation The physical link has gone down

Recommended Action Ensure that the cable is connected and the remote end is not shut down

Error Message `ETHPORT-5-IF_DOWN_LOOPBACK_DIAG_FAILURE: Interface [chars] is down (Diag failure)`

Explanation Diag failed on the interface

Recommended Action Collect more information about failed interface using command 'attach module' to connect to module

Error Message `ETHPORT-5-IF_DOWN_LOOPBACK_ISOLATION: Interface [chars] is down (Isolation due to port loopback to same switch)`

Explanation The interface is looped back to another interface on the same switch

Recommended Action Check the connectivity of this interface and ensure that it is connected to another switch

Error Message `ETHPORT-5-IF_DOWN_MODULE_REMOVED: Interface [chars] is down (module removed)`

Explanation Interface is down because the module was removed

Recommended Action No action is required.

Error Message `ETHPORT-5-IF_DOWN_NONE: Interface [chars] is down (None)`

Explanation There is no apparent reason the interface is down

Recommended Action Collect more information about port using command 'show port internal info/event-history' to determine why it went down

Error Message `ETHPORT-5-IF_DOWN_NON_PARTICIPATING: Interface [chars] is down (Non participating)`

Explanation The loop port has been put into non participating mode

Recommended Action No action is required.

Error Message `ETHPORT-5-IF_DOWN_OFFLINE: Interface [chars] is down (Offline)`

Explanation The interface has been placed into the offline state

Recommended Action No action is required.

Error Message `ETHPORT-5-IF_DOWN_PARENT_ADMIN_DOWN: Interface [chars] is down (Parent interface down)`

Explanation Parent interface is down

Recommended Action No action is required.

Error Message `ETHPORT-5-IF_DOWN_PEER_CLOSE: Interface [chars] is down(TCP conn. closed by peer)`

Explanation The FCIP peer connected to this interface closed the TCP connection

Recommended Action This command will provide the peer IP address of this FCIP interface: show interface. Check to see why the peer closed the TCP connection

Error Message `ETHPORT-5-IF_DOWN_PEER_RESET: Interface [chars] is down(TCP conn. reset by peer)`

Explanation TCP connection to the FCIP peer got reset

Recommended Action The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Check to see why the peer reset the TCP connection

Error Message `ETHPORT-5-IF_DOWN_PORT_CHANNEL_MEMBERS_DOWN: Interface [chars] is down (No operational members)`

Explanation This is a PortChannel interface and all its members are operationally down

Recommended Action Enable at least one of the PortChannel's members

Error Message `ETHPORT-5-IF_DOWN_PORT_PROFILE_NOT_FOUND: Interface [chars] is down`

Explanation Interface is down beacuse there is no associated profile

Recommended Action No action is required.

Error Message `ETHPORT-5-IF_DOWN_PORT_VSAN_MISMATCH_ISOLATION: Interface [chars] is down (Isolation due to port vsan mismatch)`

Explanation Isolated due to a mismatch in the configured port VSAN of the local and remote ends

Recommended Action Configure the port VSAN of the local and remote interfaces to be the same and perform a 'shutdown' and a 'no shutdown'

Error Message `ETHPORT-5-IF_DOWN_RCF_IN_PROGRESS: Interface [chars] is down (RCF in progress)`

Explanation There is an RCF in progress

Recommended Action No action is required.

Error Message `ETHPORT-5-IF_DOWN_SOFTWARE_FAILURE: Interface [chars] is down (Port software failure)`

Explanation The software servicing the data path on the port has failed

Recommended Action No action is required.

Error Message `ETHPORT-5-IF_DOWN_SRC_MOD_NOT_ONLINE: Interface [chars] is down(Tunnel source module not online)`

Explanation Module that has the tunnel source port of this FCIP interface is not fully online

Recommended Action The module that has the tunnel src port is coming online. Please use show mod to find module status

Error Message `ETHPORT-5-IF_DOWN_SRC_PORT_NOT_BOUND: Interface [chars] is down (Tunnel port src interface unbound)`

Explanation Tunnel port source interface unbound

Recommended Action No action is required.

Error Message `ETHPORT-5-IF_DOWN_SRC_PORT_REMOVED: Interface [chars] is down(Tunnel src port removed)`

Explanation Tunnel source port of this FCIP interface has been removed

Recommended Action The src interface with ip address that matches the ip address of the bound entity is removed. This happens normally due to the module on which the src interface exists is removed

Error Message `ETHPORT-5-IF_DOWN_SUSPENDED_BY_MODE: Interface [chars] is down (Suspended due to incompatible mode)`

Explanation This interface belongs to a PortChannel and operational mode of the interface is different from that of the PortChannel

Recommended Action Change the mode and the trunking mode of the PortChannel from 'auto' and check to ensure that the remote end of the interface also belongs to the same PortChannel

Error Message `ETHPORT-5-IF_DOWN_SUSPENDED_BY_SPEED: Interface [chars] is down (Suspended due to incompatible speed)`

Explanation This interface belongs to a PortChannel and operational speedode of the interface is different from that of the PortChannel

Recommended Action Change the speed of the PortChannel from 'auto' and check to ensure that the remote end of the interface also belongs to the same PortChannel

Error Message `ETHPORT-5-IF_DOWN_SUSPENDED_BY_WWN: Interface [chars] is down (Suspended due to incompatible remote switch WWN)`

Explanation This interface belongs to a PortChannel and remote switch WWN of the interface is different from that of the PortChannel

Recommended Action Ensure that this interface is connected to the same remote switch as all the other interfaces in the PortChannel

Error Message `ETHPORT-5-IF_DOWN_SUSPENDED: Interface [chars] is down (Suspended)`

Explanation This interface belongs to a PortChannel and has been suspended due to an error while bringing it up

Recommended Action Perform a 'shutdown' and a 'no shutdown'. If this happens again obtain output of 'show port internal info/event-history' on the interface

Error Message `ETHPORT-5-IF_DOWN_TCP_KEEP_ALIVE_EXPIRED: Interface [chars] is down(TCP conn. closed - Keep alive expired)`

Explanation TCP session to the FCIP peer got closed due to loss of TCP keep alive

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message `ETHPORT-5-IF_DOWN_TCP_MAX_RETRANSMIT: Interface [chars] is down(TCP conn. closed - retransmit failure)`

Explanation Interface is down due to maximum retransmission failure

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message `ETHPORT-5-IF_DOWN_TCP_PERSIST_TIMER_EXPIRED: Interface [chars] is down(TCP conn. closed - Persist timer expired)`

Explanation TCP session to the FCIP peer closed because TCP persist timer expired

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message `ETHPORT-5-IF_DOWN_UPGRADE_IN_PROGRESS: Interface [chars] is down (Linecard upgrade in progress)`

Explanation Upgrade of the linecard software is in progress

Recommended Action No action is required.

Error Message `ETHPORT-5-IF_DOWN_VRF_UNUSABLE: Interface [chars] is down (Vrf down)`

Explanation The vrf for which this interface is a member is removed

Recommended Action No action is required.

Error Message `ETHPORT-5-IF_DOWN_VSAN_MISMATCH_ISOLATION: Interface [chars] is down (Isolation due to vsan mismatch)`

Explanation This is a trunking interface and the VSANs configured do not match with the VSANs configured on the remote end

Recommended Action Check the VSANs configured on the local end with the remote end

Error Message `ETHPORT-5-IF_DOWN_ZONE_MERGE_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to zone merge failure)`

Explanation Isolated due to a failure during zone merge

Recommended Action No action is required.

Error Message `ETHPORT-5-IF_DOWN_ZONE_REMOTE_NO_RESP_ISOLATION: Interface [chars] is down (Isolation due to remote zone server not responding)`

Explanation Isolated due to remote zone server not responding

Recommended Action No action is required.

Error Message `ETHPORT-5-IF_DUPLEX: Interface [chars], operational duplex mode changed to [chars]`

Explanation Operational duplex mode has changed when link came up

Recommended Action No action is required.

Error Message `ETHPORT-5-IF_HARDWARE: Interface [chars], hardware type changed to [chars]`

Explanation There was a change in the hardware characteristic of an interface, such as a transceiver module plugged in or removed

Recommended Action No action is required.

Error Message `ETHPORT-5-IF_RX_FLOW_CONTROL: Interface [chars], operational Receive Flow Control state changed to [chars]`

Explanation Operational receive flow control has changed when link came up

Recommended Action No action is required.

Error Message `ETHPORT-5-IF_TRUNK_DOWN: Interface [chars], vlan [chars] down`

Explanation Interface [chars] is trunking, VLANs [chars] are down

Recommended Action The following commands will help determine why this VSAN is down on this interface: show interface, show port internal info interface VSAN, show port internal event-history interface vsan

Error Message `ETHPORT-5-IF_TRUNK_UP: Interface [chars], vlan [chars] up`

Explanation Interface [chars] is trunking, VLANs [chars] are up

Recommended Action No action is required.

Error Message `ETHPORT-5-IF_TX_FLOW_CONTROL: Interface [chars], operational Transmit Flow Control state changed to [chars]`

Explanation Operational transmit flow control has changed when link came up

Recommended Action No action is required.

Error Message `ETHPORT-5-IF_UP: Interface [chars] is up [chars]`

Explanation Interface is up in mode specified, if applicable

Recommended Action No action is required.

Error Message `ETHPORT-5-SPEED: Interface [chars], operational speed changed to [chars]`

Explanation Operational speed has changed when link came up

Recommended Action No action is required.

Error Message `ETHPORT-5-STORM_CONTROL_ABOVE_THRESHOLD: Traffic in port [chars] exceeds the configured threshold [chars]`

Explanation Traffic on specified port is beyond the configured storm-control threshold, and the excess traffic is being dropped

Recommended Action Identify source of traffic storm

Error Message `ETHPORT-5-STORM_CONTROL_BELOW_THRESHOLD: Traffic in port [chars] has fallen below the configured threshold [chars]`

Explanation Traffic on specified port has returned to within configured storm-control threshold

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-1-LC_CFG_FAILURE: configuring module [dec] failed [[chars]]`

Explanation Module configuration failed

Recommended Action Module will be automatically reset

Error Message `ETH_PORT_CHANNEL-1-MALLOC_FAILED: cannot allocate memory (size [dec])`

Explanation No enough memory

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-1-MAP_PARAM_FAILURE: mapping parameter failed for [chars] [[chars]]`

Explanation Parameter mapping failed

Recommended Action Specified service is misbehaving; check its status

Error Message `ETH_PORT_CHANNEL-1-MCAST_SEND_FAILURE: failed to send multicast [chars]: [chars]`

Explanation Failed to send a multicast message to all modules, usually because some module went down

Recommended Action Run show port-channel consistency to check consistency

Error Message `ETH_PORT_CHANNEL-2-RESET_MODULE: reset module [dec] for not responding or returning error`

Explanation A module is reset for not responding or returning error

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-3-ADD_REM_MEMBERS_FAILURE: [chars]`

Explanation Some service(s) failed to add or remove ports to port-channel

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `ETH_PORT_CHANNEL-3-ALL_DROP_TIMEOUT: Some component(s) timed out on dropping notif:[chars] (for:[chars]); Please collect <show system internal mts buffers details>`

Explanation Some component did not respond to a request in stipulated time.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `ETH_PORT_CHANNEL-3-COMPAT_CHECK_FAILURE: [chars] is not compatible`

Explanation Compatibility check failed when adding ports to port-channel

Recommended Action Make sure the compatibility parameters are consistent while adding ports to port-channel, or use force option

Error Message `ETH_PORT_CHANNEL-3-GENERAL_ERROR: [chars]`

Explanation General error

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-3-LACP_ERROR: [chars] [chars]`

Explanation LACP error

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-3-MSG_SEND_FAILURE: failed to send [chars] to sap [dec]: [chars]`

Explanation Failed to send a message

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-3-NUM_ACTIVE_PORTS_ERROR: Port-channel:[chars] active_nports [dec]; No member is active; Please collect <show tech-support port-channel/ethpm>`

Explanation Port-channel num active ports error

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `ETH_PORT_CHANNEL-3-PCM_HWCFG_FAIL_ERROR: Port-channel:[chars] mbr:[chars] SAP [dec] returned error [chars] for opc [chars]; if lacp port-channel please collect <show tech-support lacp all> or please collect <show tech-support port-channel/ethpm>`

Explanation Port-channel hwcfg fail error

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `ETH_PORT_CHANNEL-3-PCM_INTERNAL_ERROR: Port-channel:[chars] mbr:[chars]; if lacp port-channel please collect <show tech-support lacp all> or please collect <show tech-support port-channel/ethpm>`

Explanation Port-channel internal error

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `ETH_PORT_CHANNEL-3-PCM_PORT_DEL_IN_PC_UP_ERROR: Port-channel:[chars] mbr:[chars]; if lacp port-channel please collect <show tech-support lacp all> or please collect <show tech-support port-channel/ethpm>`

Explanation Port-channel port del in pc_up. Shut resp recvd before bundle member down

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `ETH_PORT_CHANNEL-3-PCM_PORT_DOWN_IN_PC_UP_ERROR: Port-channel:[chars] mbr:[chars]; if lacp port-channel please collect <show tech-support lacp all> or please collect <show tech-support port-channel/ethpm>`

Explanation Port-channel port down in pc_up. No bundle member down

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `ETH_PORT_CHANNEL-3-PORT_CHANNEL_NOT_FOUND: [chars] is not found`

Explanation Cannot find port-channel in its database, which indicates an inconsistency with an external component

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-3-RSP_TIMEOUT: Component [chars] timed out on response to opcode:[chars] (for:[chars])`

Explanation Some component did not respond to a request in stipulated time.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `ETH_PORT_CHANNEL-3-TIMEOUT: timed out after [dec] seconds [type [chars], state [chars]]`

Explanation Some operation timed out

Recommended Action Run show port-channel consistency to check all module connectivity and consistency

Error Message `ETH_PORT_CHANNEL-4-PORT_CFG_DELETED: [chars] removed from [chars] (different module inserted)`

Explanation Port is removed from a port-channel because a different module was inserted to the same slot

Recommended Action You lost some ports from port-channel, check if you want to add ports in the new module to the same port-channel.

Error Message `ETH_PORT_CHANNEL-4-PORT_INDIVIDUAL: port [chars] is operationally individual`

Explanation The port is operating as an individual link even though it is locally or remotely configured to be part of a port channel

Recommended Action Check the configuration of the port locally and remotely to ensure that it can operate as part of a port channel

Error Message `ETH_PORT_CHANNEL-4-PORT_NOT_FOUND: port [chars] is not part of port-channel`

Explanation Cannot find the port in port-channel database, which indicates an inconsistency with an external component

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-4-RACE_WARN: [chars]`

Explanation Warning of possible race condition

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-4-UNEXPECTED_RESPONSE: unexpected response [chars] from [chars]`

Explanation Received an unexpected response and discarded

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-5-AUTO_CREATE_FAILURE: [chars] [chars]`

Explanation Auto create process on the port failed

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-5-CREATED: [chars] created`

Explanation A port-channel is created

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-5-DELETED: [chars] deleted`

Explanation A port-channel is deleted

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-5-FOP_CHANGED: [chars]: first operational port changed from [chars] to [chars]`

Explanation The first operational port in a port-channel is changed

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-5-IF_DOWN_SUSPENDED_BY_MODE: Interface [chars] is down (Suspended due to incompatible mode`

Explanation Compatibility check failed when adding ports to port-channel

Recommended Action Make sure the compatibility parameters are consistent between the ports and the port-channel

Error Message `ETH_PORT_CHANNEL-5-IF_DOWN_SUSPENDED_BY_SPEED: Interface [chars] is down (Suspended due to incompatible speed`

Explanation Operational compatibility check failed on the port in a port-channel

Recommended Action Make sure the compatibility parameters are consistent between the ports and the port-channel

Error Message `ETH_PORT_CHANNEL-5-MAX_CHANNEL_DISALLOWED: Module failed to come online because port channel interface <port-channel number> greater than [dec] is present`

Explanation The port-channel number configured on the switch is larger than 128

Recommended Action Delete the set of port channel interface <port-channel interface> which is greater than 128

Error Message `ETH_PORT_CHANNEL-5-OPINPROGRESS_TIMEOUT: [chars] operation in progress has timed out`

Explanation Port-channel operation in progress has timed out

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-5-PORT_ADDED: [chars] added to [chars]`

Explanation Ports are added to a port-channel

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-5-PORT_DOWN: [chars]: [chars] is down`

Explanation Port goes down in a port-channel

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-5-PORT_HOT_STANDBY_DOWN: [chars]: hot-standby port [chars] is down`

Explanation Port-channel hot-standby member goes down

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-5-PORT_HOT_STANDBY: [chars]: [chars] goes to hot-standby`

Explanation Port goes to hot-standby in a port-channel

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-5-PORT_INDIVIDUAL_DOWN: individual port [chars] is down`

Explanation Port-channel member operating in individual mode goes down

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-5-PORT_REMOVED: [chars] removed from [chars]`

Explanation Ports are removed from a port-channel

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-5-PORT_SUSPENDED: [chars]: [chars] is suspended`

Explanation Port is suspended in a port-channel

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-5-PORT_UP: [chars]: [chars] is up`

Explanation Port comes up in a port-channel

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-6-RESYNC: resyncing [chars] with all modules`

Explanation Resync modules with sup after an error or switchover

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-7-GSYNC_DONE: global synchronization is done`

Explanation Port-channel manager finished global synchronization

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-7-GSYNC_REQ: requesting global synchronization`

Explanation Port-channel manager requested a global synchronization from active sup

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-7-START_ACTIVE: started in active mode`

Explanation Port-channel manager started in active mode

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-7-START_DEFAULT: started with default configuration`

Explanation Port-channel manager started with default configuration

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-7-START_STANDBY: started in standby mode`

Explanation Port-channel manager started in standby mode

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-7-START_STATEFUL: started statefully`

Explanation Port-channel manager started with running configuration

Recommended Action No action is required.

Error Message `ETH_PORT_CHANNEL-7-START_STATELESS: started statelessly`

Explanation Port-channel manager started with startup configuration

Recommended Action No action is required.

Error Message `EUREKA_USD-3-MSG1: [chars]`

Explanation Eureka log message

Recommended Action No action is required.

Error Message `EVMC-3-MTS_OPERATION_FAILED: [chars]([dec]): [chars]`

Explanation Internal IPC operation failed in Event Manager Client

Recommended Action No action is required.

Error Message `EVMC-4-ACTION_CFG_MONITOR_COLLECT: [chars]([dec]): Action configuration disallowed for Monitor Collect Policy`

Explanation Configuring Policy Action for Monitor Collect Policy isnot allowed and hence, has been rejected

Recommended Action No action is required.

Error Message `EVMC-5-AVL_CREATE_FAIL: [chars]([dec]): AVL Tree creation failure`

Explanation Event Manager could not initialize local policy store

Recommended Action No action is required.

Error Message `EVMC-5-MALLOC_FAILURE: [chars]([dec]): Memory allocation failure`

Explanation Event Manager Client process could not allocate memory

Recommended Action No action is required.

Error Message `EVMC-5-RT_PSS_OP_FAILURE: [chars]([dec]): Failed to [chars]. Error:[chars]`

Explanation Event Manager Client could not access HA store

Recommended Action No action is required.

Error Message `EVMS-2-EVMS_PSS_DELETE_FAILURE: Delete from PSS failed`

Explanation Delete from PSS failed

Recommended Action No action is required.

Error Message `EVMS-2-EVMS_PSS_WRITE_FAILURE: Write to PSS failed`

Explanation Write to PSS failed

Recommended Action No action is required.

Error Message `EVMS-2-EVMS_SHOW_POLICY_ALLOC_FAILURE: Insufficient memory: policy information shown will be incomplete`

Explanation Memory allocation failed. so complete requested information is not being shown

Recommended Action No action is required.

Error Message `EVMS-4-EVMS_APPLET_NO_ACTION_DEFAULT: WARNING: The default system policy actions are being skipped`

Explanation The default system policy actions are being skipped

Recommended Action No action is required.

Error Message `EVMS-6-EVMS_LOGGING_NO_SPACE: logflash full, so deleting first event archive file`

Explanation As the logflash is full, first of the present event archive files is deleted

Recommended Action No action is required.

Error Message `EXCEPTIONLOG-SLOT#-2-LC_EXP_MSG: Linecard exception: [chars] is the affected Port bit map. [dec] Additional information - [chars]`

Explanation LC Exception event.

Recommended Action No action is required.

Error Message `FC-TUNNEL-3-INTERNAL_ERROR: Internal error: [chars]`

Explanation FCMPLS tunnel process encountered a general error, one that does not fall in any of the categories. [chars] describes the error and its context.

Recommended Action No action is required.

Error Message `FC-TUNNEL-3-IPFC_ERROR: IPFC API, [chars], failed with error [hex]`

Explanation FCMPLS tunnel invoked IPFC API and received the error code. [chars] describes the API and 0x[hex] specifies the error

Recommended Action No action is required.

Error Message `FC-TUNNEL-3-MTS_ERROR: MTS message transmission failed with error [dec]`

Explanation FCMPLS tunnel process unsuccessfully tried to send a MTS message. MTS errro number is specified in [dec]

Recommended Action No action is required.

Error Message `FC-TUNNEL-3-NS_ERROR: FCNS API, [chars], failed with error [hex]`

Explanation FCMPLS tunnel invoked FCNS API and received the error code. [chars] describes the API and 0x[hex] specifies the error

Recommended Action No action is required.

Error Message `FC-TUNNEL-3-PM_ERROR: Port Manager API, [chars], failed with error [hex]`

Explanation FCMPLS tunnel invoked Port Manager API and received the error code. [chars] describes the API and 0x[hex] specifies the error

Recommended Action No action is required.

Error Message `FC-TUNNEL-3-PSS_CFG_RESTORE_ERROR: Configuration restoration for [chars] failed with error [hex]`

Explanation FCMPLS tunnel read the saved configuration and encountered an error while rebuilding the runtime configuration. [chars] describes the configuration which the process tried to restore and 0x[hex] is the system error code

Recommended Action No action is required.

Error Message `FC-TUNNEL-3-PSS_ERROR: PSS operation [chars] returned error: [hex]`

Explanation [chars] specifies the context where the failure occurred and 0x[hex] specifies the error

Recommended Action No action is required.

Error Message `FC-TUNNEL-3-PSS_RTDB_RESTORE_ERROR: Runtime database restoration for [chars] failed with error [hex]`

Explanation FCMPLS tunnel read the saved runtime database and encountered an error while rebuilding the runtime database. [chars] describes the runtime database which the process tried to restore and 0x[hex] is the system error code

Recommended Action No action is required.

Error Message `FC-TUNNEL-3-RIB_ERROR: RIB API, [chars], failed with error [hex]`

Explanation FCMPLS tunnel invoked RIB API and received the error code. [chars] describes the API and 0x[hex] specifies the error

Recommended Action No action is required.

Error Message `FC-TUNNEL-3-RSVP_PROTO_ERROR: RSVP protocol error: [chars]`

Explanation RSVP-TE protocol error is encountered. [chars] describes the error and its context.

Recommended Action No action is required.

Error Message `FC-TUNNEL-3-UNEXPECTED_MTS_MSG: Unexpected MTS message, opcode [dec], is received`

Explanation FCMPLS tunnel process received unexpected MTS event. MTS opcode is specified in [dec]

Recommended Action No action is required.

Error Message `FC-TUNNEL-5-MSG_INTERFACE_DOWN: Interface [chars] is down`

Explanation The logical fc tunnel interface is down. This may be due to a reconfiguration on the fc tunnel, or issues on the underlying physical interface

Recommended Action If this is not due to a known reconfiguration, you should verify connectivity at the physical port level, and then on then on the fc tunnel interface. Furthermore, verify the physical ports along the fc tunnel path operate in the TE mode

Error Message `FC-TUNNEL-5-MSG_INTERFACE_UP: Interface [chars] is up`

Explanation The fc interface is up

Recommended Action No action is required.

Error Message `FCC_LC-2-ERROR_SENDING_HEART_BEAT: Error sending heart beat [dec]`

Explanation FCC_LC has error sending heart beat

Recommended Action No action is required.

Error Message `FCC_LC-2-EXITING: Exiting fcc_lc: [chars]`

Explanation FCC_LC exiting

Recommended Action No action is required.

Error Message `FCC_LC-2-HEART_BEAT_NOT_SENT: Heart beat not sent for [dec] millisecs`

Explanation FCC_LC has not sent heart beat

Recommended Action No action is required.

Error Message `FCC_LC-2-SHUTDOWN: Process shutting down: [chars]`

Explanation FCC_LC Process is shutting down

Recommended Action No action is required.

Error Message `FCC_LC-2-UNABLE_READ_DATA: Unable to read fcc data ([chars])`

Explanation FCC is unable to read and process relevant FCC data

Recommended Action No action is required.

Error Message `FCC_LC-5-BAD_MSG: Received bad message: [chars]`

Explanation FCC_LC has received a malformed/unrecognized message

Recommended Action No action is required.

Error Message `FCC_LC-5-DISABLE: FCC_LC has been disabled`

Explanation FCC_LC has been disabled

Recommended Action No action is required.

Error Message `FCC_LC-5-ENABLE: FCC_LC has been enabled`

Explanation FCC_LC has been enabled

Recommended Action No action is required.

Error Message `FCC_LC-5-STARTING: FCC_LC process started`

Explanation Process started successfully

Recommended Action No action is required.

Error Message `FCC_LC-6-PRIO_UPDATE: Updated enable priority to [dec]`

Explanation FCC_LC is active for packets with priority <= [threshold]

Recommended Action No action is required.

Error Message `FCC-2-SHUTDOWN: Process shutting down: [chars]`

Explanation FCC Process is shutting down

Recommended Action No action is required.

Error Message `FCC-5-BAD_MSG: Received bad message: [chars]`

Explanation FCC has received a malformed/unrecognized message

Recommended Action No action is required.

Error Message `FCC-5-CONGESTION_STATE_CHANGE_NOTIF: Received Congestion State Change notification to state: [dec]`

Explanation FCC has received a Contestion State Change Notification

Recommended Action No action is required.

Error Message `FCC-5-DISABLE: FCC has been disabled`

Explanation FCC has been disabled

Recommended Action No action is required.

Error Message `FCC-5-ENABLE: FCC has been enabled`

Explanation FCC has been enabled

Recommended Action No action is required.

Error Message `FCC-5-RATE_LIMIT_END_NOTIF: Received Rate Limit End notification`

Explanation FCC has received a Rate Limit End Notification

Recommended Action No action is required.

Error Message `FCC-5-RATE_LIMIT_START_NOTIF: Received Rate Limit Start notification`

Explanation FCC has received a Rate Limit Start Notification

Recommended Action No action is required.

Error Message `FCC-5-STARTING: FCC process started`

Explanation Process started successfully

Recommended Action No action is required.

Error Message `FCC-6-PRIO_UPDATE: Updated enable priority to [dec]`

Explanation FCC is active for packets with priority <= [threshold]

Recommended Action No action is required.

Error Message `FCDDH-SLOT#-3-LOG_FCDDH_ERR: Nonrecoverable error - exiting: [chars]`

Explanation Errors which cause program to exit occurred

Recommended Action No action is required.

Error Message `FCDDH-SLOT#-4-LOG_FCDDH_WARNING: Serious error: [chars]`

Explanation Serious errors which affect all normal operations occurred

Recommended Action No action is required.

Error Message `FCDDH-SLOT#-5-LOG_FCDDH_DEBUG: Unexpected error: [chars]`

Explanation Unexpected errors which affect some normal operations occurred

Recommended Action No action is required.

Error Message `FCDDH-SLOT#-5-LOG_FCDDH_NOTICE: [chars]`

Explanation Major configuration changes

Recommended Action No action is required.

Error Message `FCDD-SLOT#-3-LOG_FCDD_ERR: Nonrecoverable error - exiting: [chars]`

Explanation Errors which cause program to exit occurred

Recommended Action No action is required.

Error Message `FCDD-SLOT#-4-LOG_FCDD_WARNING: Warning!: [chars]`

Explanation Serious errors which affect all normal operations occurred

Recommended Action No action is required.

Error Message `FCDD-SLOT#-5-LOG_FCDD_GCONF_FSM: [chars]`

Explanation Illegal event received in Global Configuration FSM

Recommended Action No action is required.

Error Message `FCDD-SLOT#-5-LOG_FCDD_NOTICE: [chars]`

Explanation Major configuration changes

Recommended Action No action is required.

Error Message `FCDD-SLOT#-5-LOG_FCDD_RESCAN_FSM: [chars]`

Explanation Illegal event received in Rescan FSM

Recommended Action No action is required.

Error Message `FCDD-SLOT#-5-LOG_FCDD_TZONE_FSM: [chars]`

Explanation Illegal event received in Twilight Zone Remover FSM

Recommended Action No action is required.

Error Message `FCDD-SLOT#-5-LOG_FCDD_VCONF_FSM: [chars]`

Explanation Illegal event received in VSAN Configuration FSM

Recommended Action No action is required.

Error Message `FCDD-SLOT#-5-LOG_FCDD_VNO_FSM: [chars]`

Explanation Illegal event received in VSAN Normal Operation FSM

Recommended Action No action is required.

Error Message `FCDD-SLOT#-7-LOG_FCDD_DEBUG: [chars]`

Explanation Unexpected errors which affect some normal operations occurred

Recommended Action No action is required.

Error Message `FCDOMAIN-2-DOMS_CONFLICT: Conflict detected: ([dec]) domain ID [dec] WWN [chars]`

Explanation Conflict detected ([dec]) domain ID [dec] with WWN [chars].

Recommended Action Check which switches have the same WWN and change either one; then change either's domain ID.

Error Message `FCDOMAIN-2-EPORT_ISOLATED: Isolation of interface [chars] (reason: [chars])`

Explanation Fcdomain has isolated interface [chars] (reason: [chars].) Perform a show interface. Based on the reason specified, you might have to ensure domains are adequate and unique in the VSAN and perform a disruptive restart [fcdomain restart disruptive vsan <vsan-id>] or to reinitialize the port.

Recommended Action No action is required.

Error Message `FCDOMAIN-2-FC2BIND_FAILED: Bind to FC2 Service failed`

Explanation Fcdomain has not been able to contact the FC2 module.

Recommended Action No action is required.

Error Message `FCDOMAIN-2-FC2_INITIALIZATION_FAILED: FC initialization sequence failed`

Explanation The fcdomain has not been able to complete the initialization sequence with the Fibre Channel subsystem. fcdomain depends on resources not available at the moment: the switch might be short in memory or some other component might be unable to provide the necessary information to fcdomain.

Recommended Action No action is required.

Error Message `FCDOMAIN-2-FC2_SET_SOCKOPT_DM_SOCK_FAILED: set sockopt to FC2 Service failed`

Explanation Fcdomain has not been able to setsockopt to the FC2 module.

Recommended Action No action is required.

Error Message `FCDOMAIN-2-FCID_PERSISTENT_TBL_COMPLETELY_FULL: FCID persistent table is completely full`

Explanation The FCID persistent table is full. Perform [show fcdomain fcid persistent vsan <vsan-id>] to view the entries currently in the table. No more entries can be saved as persistent FCIDs across reboots.

Recommended Action Purge stale entries [purge fcdomain fcid] to obtain more free entries OR disable the feature on certain VSANs which are not critical enough [no fcdomain fcid persistent].

Error Message `FCDOMAIN-2-HIGH_PRIORITY_MTSBIND_FAILED: Bind for high priority IPC failed`

Explanation Fcdomain has not been able to contact the Inter Process Communication (IPC) module for its high priority queue.

Recommended Action No action is required.

Error Message `FCDOMAIN-2-INITIALIZATION_FAILED: Initialization sequence failed`

Explanation The fcdomain has not been able to complete the initialization sequence. fcdomain depends on resources not available at the moment: the switch might be short in memory or some other component might be unable to provide the necessary information to fcdomain.

Recommended Action No action is required.

Error Message `FCDOMAIN-2-MTSBIND_FAILED: Bind to IPC failed`

Explanation Fcdomain has not been able to contact the Inter Process Communication (IPC) module.

Recommended Action No action is required.

Error Message `FCDOMAIN-2-MTSREGISTRATION_FAILED: Registration of opcodes with IPC Service failed`

Explanation Fcdomain has not been able to register its messages with the Inter Process Communication (IPC) module.

Recommended Action No action is required.

Error Message `FCDOMAIN-2-MTS_INITIALIZATION_FAILED: IPC initialization sequence failed`

Explanation The fcdomain has not been able to complete the initialization sequence with the IPC (Inter Process Communication) subsystem. fcdomain depends on resources not available at the moment: the switch might be short in memory or some other component might be unable to provide the necessary information to fcdomain.

Recommended Action No action is required.

Error Message `FCDOMAIN-2-MY_NON_VIRTUAL_DOM_CONFLICTS: During VSAN merge detected that the local switch has the same domain ID [dec] and WWN [chars] of another switch`

Explanation It has been detected that the local switch has the same domain ID [dec] and WWN [chars] of another switch.

Recommended Action Check which switches have the same WWN and change either one; then change either's domain ID.

Error Message `FCDOMAIN-2-NON_VIRTUAL_DOMS_CONFLICTS: During VSAN merge detected conflict between two switches having the same non-virtual domain ID [dec] and the same WWN [chars]`

Explanation It has been detected that two switches have the same non-virtual domain ID [dec] and the same WWN [chars].

Recommended Action Check which switches have the same WWN and change either one; then change either's domain ID.

Error Message `FCDOMAIN-2-PSSBIND_FAILED: Bind to Persistent Storage Service failed`

Explanation Fcdomain has not been able to contact the Persistent Storage Service (PSS).

Recommended Action No action is required.

Error Message `FCDOMAIN-2-RDIRJT: Rejected request for domain ID [dec], WWN requestor [chars] (reason code [dec])`

Explanation An invalid request for domain IDs has been rejected by fcdomain.

Recommended Action Perform [show fcdomain vsan <vsan-id>] for all the switches in the affected VSAN; if a switch does not have a valid current domain ID, configure preferred domain ID zero, then perform [fcdomain restart vsan <vsan-id>] in the affected VSAN.

Error Message `FCDOMAIN-2-SYSBIND_FAILED: Bind to System Manager service failed`

Explanation Fcdomain has not been able to contact the System Manager.

Recommended Action No action is required.

Error Message `FCDOMAIN-2-SYSMGR_INITIALIZATION_FAILED: System Manager initialization sequence failed`

Explanation The fcdomain has not been able to complete the initialization sequence with the System Manager. fcdomain depends on resources not available at the moment: the switch might be short in memory or some other component might be unable to provide the necessary information to fcdomain.

Recommended Action No action is required.

Error Message `FCDOMAIN-3-COMMITERRORLOCALINVALIDALLOWEDDOMS: A remote switch attempted to locally apply an illicit allowed domains configuration`

Explanation A remote switch attempted to locally apply an allowed domains configuration that doesn't include all currently assigned domains or the locally configured domain.

Recommended Action No action is required.

Error Message `FCDOMAIN-3-COMMITERRORREMOTEINVALIDALLOWEDDOMS: A remote switch (domain ID [dec], WWN [chars]) refuses to locally apply the proposed allowed domains`

Explanation The remote switch with domain ID [dec] and WWN [chars] refuses to locally apply the proposed allowed domains probably due to incompatibility with its local configured domain or the domain ID list.

Recommended Action Check the configuration on the remote switch, and make sure that the proposed allowed domains include it. Also, make sure that the the proposed allowed domains include all the domains in the domain ID list.

Error Message `FCDOMAIN-3-MTSOPENTRX_FAILED: IPC failure (opening of a transaction failed)`

Explanation Fcdomain was not able to open a transaction(HA Purposes.)

Recommended Action No action is required.

Error Message `FCDOMAIN-3-MTSRECV_FAILED: IPC failure (receiving of a message failed)`

Explanation Fcdomain has not been able to receive a message from the Inter Process Communication (IPC) module.

Recommended Action Please perform fcdomain restart in the affected VSAN (non disruptive.)

Error Message `FCDOMAIN-3-MTSRESP_FAILED: IPC failure replying to a request message (error [hex])`

Explanation Fcdomain has not been able to reply to a request coming from the Inter Process Communication (IPC) module (error [hex]).

Recommended Action Please perform fcdomain restart in the affected VSAN (non disruptive).

Error Message `FCDOMAIN-3-MTSSENDREQ_FAILED: IPC failure (sending of a request failed)`

Explanation Fcdomain was not able to send a request using the Inter Process Communication module.

Recommended Action Please perform [fcdomain restart vsan <vsan-id>] in the affected VSAN (non disruptive.)

Error Message `FCDOMAIN-3-MTSSEND_FAILED: IPC failure (sending of a message (syserr [hex], opc [dec], mtsq [dec], sap.node [hex], sap_addr [dec]) failed)`

Explanation Fcdomain has not been able to send a message to the Message Transactional Service (MTS).

Recommended Action Please perform [fcdomain restart vsan <vsan-id>] in the affected VSAN (non disruptive).

Error Message `FCDOMAIN-3-MTS_H_RECV_FAILED: IPC failure (receiving of a message failed)`

Explanation Fcdomain has not been able to receive a message from the Inter Process Communication (IPC) module.

Recommended Action Please perform fcdomain restart in the affected VSAN (non disruptive.)

Error Message `FCDOMAIN-3-NVRAMFAILURE: NVRAM open failed`

Explanation Reading the last assigned runtime domain IDs from Non Volatile RAM (NVRAM) failed.

Recommended Action Fcdomain is able to continue without access to the Non Volatile RAM (NVRAM.)

Error Message `FCDOMAIN-3-PORT_SUSPENDED: Response (Cmd Code [hex]) for SWILS [hex] intended for [chars] is received on [chars]`

Explanation An FC2 response frame (Command Code [hex]) for SWILS [hex] that was intended for interface [chars] has been received on [chars] instead.

Recommended Action Check the configuration of both interfaces on the local switch and the interfaces on the other side of their corresponding links. In particular, check whether they should all belong to the same port-channel.

Error Message `FCDOMAIN-3-SDWRAPBIND_FAILED: Bind to debug server failed`

Explanation Fcdomain feature has not been able to contact the debug service. Any problems occurring in the fcdomain feature will not be logged.

Recommended Action No action is required.

Error Message `FCDOMAIN-3-SDWRAPHISTINIT_FAILED: Initialization of history message list failed.`

Explanation Fcdomain feature has not been able to contact the debug history service. Any problems occurring in the fcdomain feature will not be logged to this debug history.

Recommended Action No action is required.

Error Message `FCDOMAIN-3-VSAN_MERGE_DETECTED: Merge detected with VSAN [dec] (Common Fabric Name [chars])`

Explanation The local VSAN and VSAN [dec] have the same principal switch [chars], hence are connected in the same logical fabric.

Recommended Action No action is required.

Error Message `FCDOMAIN-4-DM_ALLOWED_DM_LIST_MOD_ON_SUBORDINATE: Allowed domain list for vsan [dec] modified on subordinate switch with fcdomain distribution enabled`

Explanation When distribution is enabled, it is recommended to modify the allow domain list on the principal switch only.

Recommended Action Abort the current session on the local switch and start a new one on the principal switch.

Error Message `FCDOMAIN-4-FABRICCONFSTARTRCF: Disruptive reconfiguration started`

Explanation A disruptive reconfiguration (RCF phase) of the VSAN has started. This can happen when two or more fabrics merge disruptively, or when the user manually triggers a diruptive reconfiguration of the VSAN.

Recommended Action No action is required.

Error Message `FCDOMAIN-4-FC2_CORRUPTED: Received malformed FC2 [chars] frame`

Explanation Fcdomain received a malformed FC2-SWILS frame.

Recommended Action No action is required.

Error Message `FCDOMAIN-4-FCID_PERSISTENT_TBL_ALMOST_FULL: FCID persistent table is almost full`

Explanation Fcdomain has 80% or more of the FCID persistent table full with entries. Perform [show fcdomain fcid persistent vsan <vsan-id>] to view the entries currently in the table.

Recommended Action Purge stale entries [purge fcdomain fcid] to obtain more free entries.

Error Message `FCDOMAIN-5-DOMAIN_TYPE_IS_PREFERRED: The domain ID type is currently configured as preferred in all the existing VSANs`

Explanation All the currently existing VSANs have the domain ID type configured as preferred. This means that with a low probability the domain ID of the local VSAN might change afer a reconfiguration. A reconfiguration can happen when two or more VSANs are merged or a principal link flaps. A principal link is either an upstream or a downstream link.

Recommended Action Type [fcdomain domain <dom-id> static vsan <vsan-id>] to configure as static the domain ID type in an existing VSAN.

Error Message `FCDOMAIN-5-FCIDP_DISABLED: FCID persistency feature is currently not enabled in any of the existing VSANs`

Explanation All the currently existing VSANs have the FCID persistency feature disabled.

Recommended Action Type [fcdomain fcid persistent vsan <vsan-id>] to enable FCID persistency in an existing VSAN. Type [fcdomain fcid persistent global-enable] to automatically enable the FCID persistency feature on all newly created VSANs.

Error Message `FCDOMAIN-5-FCID_PERSISTENT_TBL_HALF_FULL: FCID persistent table is half full`

Explanation Fcdomain has 50% of the FCID persistent table full with entries. Perform [show fcdomain fcid persistent vsan <vsan-id>] to view the entries currently in the table.

Recommended Action You may want to purge stale entries [purge fcdomain fcid] to obtain more free entries.

Error Message `FCDOMAIN-5-UNKNOWNDOMAININCFSDATAREQUEST: Received CFS Data request from unknown domain [dec].`

Explanation A CFS Data request from the unknown domain [dec] has been received.

Recommended Action No action is required.

Error Message `FCDOMAIN-5-UNKNOWNDOMAININCFSLOCKREQUEST: Received CFS Lock request from unknown domain [dec].`

Explanation A CFS Lock request from the unknown domain [dec] has been received.

Recommended Action No action is required.

Error Message `FCDOMAIN-5-UNKNOWNDOMAININCFSRELEASEREQUEST: Received CFS Release request from unknown domain [dec].`

Explanation A CFS Release request from the unknown domain [dec] has been received.

Recommended Action No action is required.

Error Message `FCDOMAIN-5-UNKNOWNDOMAININUNKNOWNCFSREQUEST: Received CFS request from unknown domain [dec].`

Explanation A CFS request from the unknown domain [dec] has been received.

Recommended Action No action is required.

Error Message `FCDOMAIN-6-BF_STARTED: BF started by [chars]`

Explanation Build Fabric has been started in this VSAN

Recommended Action No action is required.

Error Message `FCDOMAIN-6-CANNOTFREESINGLEFCID: Impossible to free single FCIDs`

Explanation Impossible to free single FCIDs.

Recommended Action No action is required.

Error Message `FCDOMAIN-6-CLEARLOCKNOTIFICATIONRECEIVED: Implict lock release.`

Explanation Lock has been implicitly released due to a clear session operation.

Recommended Action No action is required.

Error Message `FCDOMAIN-6-DOMAINID_INVALID: Local domain ID invalid`

Explanation The local domain ID is invalid.

Recommended Action No action is required.

Error Message `FCDOMAIN-6-DOMAINID_VALID: Local domain ID [dec] available`

Explanation The domain ID [dec] is available.

Recommended Action No action is required.

Error Message `FCDOMAIN-6-DOWNSTREAM_SWITCHED: Downstream interface has been fast-switched from [chars] to [chars]`

Explanation Because of a link failure the downstream interface has been fast-switched from [dec] to [dec].

Recommended Action No action is required.

Error Message `FCDOMAIN-6-EPORT_ALREADY_CREATED: Interface [chars] already created`

Explanation Interface [chars] already created.

Recommended Action No action is required.

Error Message `FCDOMAIN-6-EPORT_ALREADY_DOWN: Interface [chars] is already down`

Explanation Interface [chars] already down.

Recommended Action No action is required.

Error Message `FCDOMAIN-6-EPORT_CLEANUP: Interface [chars] received cleanup request`

Explanation Fcdomain on interface [chars] has received a cleanup request.

Recommended Action No action is required.

Error Message `FCDOMAIN-6-EPORT_CREATED: Creation of interface [chars]`

Explanation Fcdomain is going to create interface [chars].

Recommended Action No action is required.

Error Message `FCDOMAIN-6-EPORT_DOWN: Interface [chars] is down`

Explanation Fcdomain is going to remove interface [chars] from its database.

Recommended Action No action is required.

Error Message `FCDOMAIN-6-FABRICCONFSTARTBF: Non disruptive reconfiguration started`

Explanation A non disruptive reconfiguration (BF phase) of the VSAN has started. This can happen when two or more fabrics merge, or when the user manually triggers a non diruptive reconfiguration of the VSAN.

Recommended Action No action is required.

Error Message `FCDOMAIN-6-FABRICNAME_INVALID: Fabric name not available`

Explanation Fabric name not available.

Recommended Action No action is required.

Error Message `FCDOMAIN-6-FABRICNAME_VALID: Fabric name [chars] available`

Explanation Fabric name [chars] available.

Recommended Action No action is required.

Error Message `FCDOMAIN-6-FCIDALREADYFREE: FCIDs already free`

Explanation FCIDs already free.

Recommended Action No action is required.

Error Message `FCDOMAIN-6-FCIDNOTSTORED: FCIDs not stored`

Explanation FCIDs not stored.

Recommended Action No action is required.

Error Message `FCDOMAIN-6-FCIDP_ENABLED_DOM_TYPE_PREFERRED: FCID persistency is enabled, but the domain ID type is configured as preferred`

Explanation The FCID persistency feature is enabled, but the domain ID type is configured as preferred. This means that with a low probability the domain ID of the local VSAN might change afer a reconfiguration. A reconfiguration can happen when two or more VSANs are merged or a principal link flaps. A principal link is either an upstream or a downstream link. Should the domain ID change, all the FCIDs associated with it would be invalidated.

Recommended Action Type [fcdomain domain <dom-id> static vsan <vsan-id>] to configure as static the domain ID type in an existing VSAN.

Error Message `FCDOMAIN-6-FCIDS_ASSIGNED: Assigned a sequence of 256 contiguous FCIDs starting from FCID [hex]:[hex]:[hex]`

Explanation Assigned a sequence of 256 contiguous FCIDs starting from FCID [hex]:[hex]:[hex].

Recommended Action No action is required.

Error Message `FCDOMAIN-6-FCIDS_FREED: Freed a sequence of 256 contiguous FCIDs starting from FCID [hex]:[hex]:[hex]`

Explanation Freed a sequence of 256 contiguous FCIDs starting from FCID [hex]:[hex]:[hex].

Recommended Action No action is required.

Error Message `FCDOMAIN-6-FCID_ASSIGNED: Assigned single FCID [hex]:[hex]:[hex]`

Explanation Assigned single FCID [hex]:[hex]:[hex].

Recommended Action No action is required.

Error Message `FCDOMAIN-6-FCID_FREED: Freed single FCID [hex]:[hex]:[hex]`

Explanation Freed single FCID [hex]:[hex]:[hex].

Recommended Action No action is required.

Error Message `FCDOMAIN-6-INCORRECTDOMAINRANGE: Requested FCIDs with domain field not in expected range`

Explanation Requested FCIDs with domain field not in expected range.

Recommended Action No action is required.

Error Message `FCDOMAIN-6-INCORRECTDOMAIN: Requested FCIDs with domain field different from local domain`

Explanation Requested FCIDs with domain field different from local domain.

Recommended Action No action is required.

Error Message `FCDOMAIN-6-INVALIDARG: Requested FCID of type 00.00.YY, but specifying an entire area`

Explanation Requested FCID of type 00.00.YY, but specifying an entire area.

Recommended Action No action is required.

Error Message `FCDOMAIN-6-MY_SAME_WWN_DIFFERENT_DOMS_CONFLICTS: During VSAN merge detected local WWN [chars] is already in use by another switch (the two switches have different domain IDs: [dec] (local) and [dec])`

Explanation It has been detected that the local switch has the same WWN [chars] of another switch, and that they have different domain IDs: [dec] (local) and [dec].

Recommended Action Check which switches have the same WWN and change either one.

Error Message `FCDOMAIN-6-NODOMAIN: Local domain not available`

Explanation The local domain is not available yet.

Recommended Action No action is required.

Error Message `FCDOMAIN-6-NOFREEFCID: No free FCIDs`

Explanation No free FCIDs.

Recommended Action No action is required.

Error Message `FCDOMAIN-6-NOTOWNER: Feature [dec] cannot free FCID [dec]:[dec]:[dec] (feature [dec] is the actual owner)`

Explanation Feature UUID [dec] cannot free FCID [dec]:[dec]:[dec] because it is not its owner (UUID actual owner is [dec]).

Recommended Action No action is required.

Error Message `FCDOMAIN-6-OTHER_SIDE_VIRTUAL_IVR_DOMS_OVERLAPPING: During VSAN merge detected overlap with virtual IVR domain ID [dec] from across the link`

Explanation It has been detected an overlap with the virtual IVR domain ID [dec] from across the link during an attempt to merge the local VSAN.

Recommended Action No action is required.

Error Message `FCDOMAIN-6-PSWSSTARTED: Principal Switch Selection started`

Explanation Fcdomain started a principal switch selection phase to elect a principal switch in this VSAN.

Recommended Action No action is required.

Error Message `FCDOMAIN-6-RCF_STARTED: RCF started by [chars]`

Explanation Reconfigure Fabric has been started in this VSAN

Recommended Action No action is required.

Error Message `FCDOMAIN-6-REQSINGLEFCIDWITHINRESERVEDRANGE: Requested single FCIDs in area [dec] within the reserved range`

Explanation Requested single FCIDs in area [dec] within the reserved range.

Recommended Action No action is required.

Error Message `FCDOMAIN-6-REQUESTEDFCIDNOTFREE: Requested FCIDs not free`

Explanation Requested FCIDs not free.

Recommended Action No action is required.

Error Message `FCDOMAIN-6-REQUESTEDFCIDRESERVED: Requested reserved FCIDs`

Explanation Requested reserved FCIDs.

Recommended Action No action is required.

Error Message `FCDOMAIN-6-REQUESTEDRESERVEDFCIDMISMATCH: Requested persistent FCIDs, but there is a mismatch`

Explanation Requested persistent FCIDs, but there is a mismatch.

Recommended Action No action is required.

Error Message `FCDOMAIN-6-SAME_WWNS_DIFFERENT_DOMS_CONFLICTS: During VSAN merge detected two switches with same WWN [chars] and different non-virtual domain IDs [dec] and [dec]`

Explanation It has been detected that two switches have the same WWN [chars], but different non-virtual domain IDs: [dec] and [dec].

Recommended Action Check which switches have the same WWN and change either one.

Error Message `FCDOMAIN-6-TIMER_UNKNOWN: fcdomain has received a notification for an unknown timer expiration`

Explanation A timer unknown to fcdomain has expired.

Recommended Action No action is required.

Error Message `FCDOMAIN-6-UPSTREAM_SWITCHED: Upstream interface has been fast-switched from [chars] to [chars]`

Explanation Because of a link failure the upstream interface has been fast-switched from [dec] to [dec].

Recommended Action No action is required.

Error Message `FCDOMAIN-6-UUIDNOSPACEFOUND: No available space to store the identity of the requestor the FCIDs`

Explanation No available space to store the identity of the requestor the FCIDs.

Recommended Action No action is required.

Error Message `FCDOMAIN-6-UUIDNOTFOUND: Universal Unique ID (UUID) not found`

Explanation Universal Unique ID (UUID) not found.

Recommended Action No action is required.

Error Message `FCDOMAIN-6-VIRTUAL_IVR_DOMS_OVERLAPPING: During VSAN merge detected overlap with local virtual IVR domain ID [dec]`

Explanation It has been detected an overlap with the local virtual IVR domain ID [dec] during an attempt to merge the local VSAN.

Recommended Action No action is required.

Error Message `FCDOMAIN-7-EPORT_ALREADY_ISOLATED: Interface [chars] is already isolated or down`

Explanation Fcdomain was going to isolate interface [chars], but the interface is already isolated.

Recommended Action No action is required.

Error Message `FCDOMAIN-7-FABRICCONFCOMPLETEDBF: Non disruptive reconfiguration completed`

Explanation A non disruptive reconfiguration (BF phase) completed. This can happen when two or more fabrics merged, or when the user manually triggered a non diruptive reconfiguration of the VSAN.

Recommended Action No action is required.

Error Message `FCDOMAIN-7-FABRICCONFCOMPLETEDRCF: Disruptive reconfiguration completed`

Explanation A disruptive reconfiguration (RCF phase) of the VSAN has completed. This can happen when two or more fabrics merged disruptively, or when the user manually triggered a diruptive reconfiguration of the VSAN.

Recommended Action No action is required.

Error Message `FCDOMAIN-7-FC2_RETRY: Retransmission of FC2 frame on interface [chars] (Cmd Code: [hex])`

Explanation Fcdomain is retrying an FC2 frame on interface [chars] due to loss/no response. The Command Code of the frame is [hex].

Recommended Action No action is required.

Error Message `FCDOMAIN-7-FCID_IN_USE_PURGING_FOR_FICON_MGR: FICON needs to purge the persistent FCID table, but at least one FCID is still in use, preventing this purge from completely remove all entries belonging to the VSAN.`

Explanation There may be a problem in the sequence that shuts down all interfaces before fcdomain receives a request from FICON Manager to purge the persistent FCID table.

Recommended Action No action is required.

Error Message `FCDOMAIN-7-FSM_FAILED: FSM transition failed on interface [chars] (current state [chars])`

Explanation Fcdomain state machine generated an invalid event on interface [chars], for which no proper action was defined (current state [chars].)

Recommended Action No action is required.

Error Message `FCDOMAIN-7-FSM_FORBIDDEN_TRANSITION: fcdomain state machine has hit a forbidden transition`

Explanation Fcdomain state machine has tried to execute a forbidden transition.

Recommended Action No action is required.

Error Message `FCDOMAIN-7-INTERFACERDY: Interface [chars] ready`

Explanation Interface [chars] is ready.

Recommended Action No action is required.

Error Message `FCDOMAIN-7-PREACTIONTYPE_UNKNOWN: fcdomain state machine has hit an unknown pre-action type`

Explanation An undefined pre-action type has been used.

Recommended Action No action is required.

Error Message `FCDOMAIN-7-PSWSCOMPLETED: Principal Switch Selection completed`

Explanation A Principal Switch Selection (PSwS phase) completed.

Recommended Action No action is required.

Error Message `FCDOMAIN-7-RDIACC: Assigned domain ID [dec], WWN of requestor [chars] (requested domain ID [dec])`

Explanation Domain ID [dec] has been received by VSAN with WWN [chars] (requested domain ID was [dec].)

Recommended Action No action is required.

Error Message `FCD-7-SB3_ABTS_EXCHANGE: sb3 aborted exchange [hex] from vsan:[dec] ch:[hex] chi:[hex] ccw:[hex] token:[hex] cmd:[hex] reason:[chars] state:[chars]:[dec]`

Explanation SB3 aborted exchange due to reason given. Aborts are caused by either the channel or control unit detecting a device protocol error. Recovery actions are performed to restore communication. In certain circumstances aborts occur in normal operations.

Recommended Action No action is required if communication with CUP device is still operational.

Error Message `FCD-7-SB3_UCS_PER_FILE_FN: VSAN:[dec] Unit Check for perform file function, reason: [chars]`

Explanation SB3 failed perform file function. Failure is caused by error in the file main frame sent to director.

Recommended Action No action is required if communication with CUP device is still operational.

Error Message `FCFWD-3-ERROR: [chars]`

Explanation Fcfwd encountered an error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `FCFWD-4-WARNING: [chars]`

Explanation Fcfwd is generating a relevant notification

Recommended Action No action is required.

Error Message `FCFWD-6-INFO: [chars]`

Explanation An fcfwd event occurred

Recommended Action No action is required.

Error Message `FCNS-2-DB_FULL: the database; max entries [dec] exceeded`

Explanation Name server database is full. The max number of entries, [dec], of ports is already present in the database

Recommended Action No action is required.

Error Message `FCNS-2-INIT_FAILURE: : [chars]`

Explanation Fcns initialisation has failed due to [chars].

Recommended Action No action is required.

Error Message `FCNS-2-NO_RESPONSE: for query [chars] from domain [dec]`

Explanation No response for query [chars] from domain [dec].

Recommended Action No action is required.

Error Message `FCNS-2-PSS_VERSION_MISMATCH: : for [chars]`

Explanation Version mismatch for pss of type [chars].

Recommended Action No action is required.

Error Message `FCNS-2-RELOAD_FAILURE: : [chars]`

Explanation Failed to reload information from PSS: [chars].

Recommended Action No action is required.

Error Message `FCNS-3-BAD_FRAME: : [chars]`

Explanation Received a bad frame from the network: [chars].

Recommended Action No action is required.

Error Message `FCNS-3-CFG_FAILURE: : [chars]`

Explanation A failure related to fcns configuration: [chars].

Recommended Action No action is required.

Error Message `FCNS-3-CHUNK_FAILURE: : [chars]`

Explanation Chunk memory failure: [chars].

Recommended Action No action is required.

Error Message `FCNS-3-DB_FAILURE: : [chars]`

Explanation A failure occured in fcns database: [chars].

Recommended Action No action is required.

Error Message `FCNS-3-MALLOC_FAILURE: : [chars]`

Explanation Malloc failed: [chars].

Recommended Action No action is required.

Error Message `FCNS-3-MTS_FAILURE: : [chars] [chars]`

Explanation Failure occured trying to do an MTS operation: [chars] [chars].

Recommended Action No action is required.

Error Message `FCNS-3-PSS_FAILURE: : [chars]`

Explanation Pss failure: [chars].

Recommended Action No action is required.

Error Message `FCNS-4-QUERY_NO_RESPONSE: for query [chars] from domain [dec]`

Explanation No response for query [chars] from domain [dec].

Recommended Action No action is required.

Error Message `FCNS-6-DB_INFO: : [chars] [hex]`

Explanation Database modification:[chars] for entry [hex].

Recommended Action No action is required.

Error Message `FCNS-6-STATUS_INFO: : [chars]`

Explanation A change in fcns status: [chars].

Recommended Action No action is required.

Error Message `FCOE_MGR-2-FCOE_MGR_PSS_RESTORE_FAILED: FCoE Manager PSS Restore operation failed, error: [chars]`

Explanation FCoE Manager PSS Restore operation failed

Recommended Action No action is required.

Error Message `FCOE_MGR-5-FCOE_MGR_DISABLED: FCOE_MGR Disabled`

Explanation FCOE_MGR Service Disabled

Recommended Action No action is required.

Error Message `FCOE_MGR-5-FCOE_MGR_ENABLED: FCOE_MGR Enabled`

Explanation FCOE_MGR Service Enabled

Recommended Action No action is required.

Error Message `FCOE_MGR-5-FCOE_MGR_INFO: [chars]`

Explanation FCoE Manager general info

Recommended Action No action is required.

Error Message `FCOE_MGR-5-FCOE_MGR_SOLICITATION_FROM_SAME_MAC: FCoE Manager received Mulicast Solication from same MAC: [chars]`

Explanation FCoE Manager received Mulicast Solication from same MAC

Recommended Action No action is required.

Error Message `FCOE_MGR-5-FCOE_MGR_VE_DUPLICATE_PEER_MAC: FCoE Manager has already received unicast advertisement from MAC [chars] on a different VE link. Bringing down this link`

Explanation FCoE Manager has already received unicast advertisement from same MAC on a different VE link

Recommended Action No action is required.

Error Message `FCSP-MGR-2-DBG_INIT_FAILED: Debug Infrastructure Initialization failed ( [chars] )`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `FCSP-MGR-2-FC2_E_INIT_FAILED: Fibre-Channel Initialization of an E_Port failed ( [chars] )`

Explanation FC-SP Manager has been unable to initialize with the FC-2 E-Port infrastructure.

Recommended Action No action is required.

Error Message `FCSP-MGR-2-FC2_F_INIT_FAILED: Fibre-Channel Initialization of an F_Port failed ( [chars] )`

Explanation FC-SP Manager has been unable to initialize with the FC-2 F-Port infrastructure.

Recommended Action No action is required.

Error Message `FCSP-MGR-2-FC2_UNKNOWN_FRM_RECD_CRIT: Received an unexpected/unknown FC-2 frame on [chars]`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `FCSP-MGR-2-FCSP_AUTHENT_FAILURE: FC-SP Authentication failure on Port [chars] (FC-SP Failure Reason: [chars] [chars])`

Explanation Fibre-Channel Authentication failure on Port [chars].(Reason Code [chars] Detail [chars]). Please check password configurations and ensure appropriate security modes on this port as well as peer port

Recommended Action No action is required.

Error Message `FCSP-MGR-2-FCSP_ESP_MISMATCH: ESP parameters mismatch failure on Port [chars] (reason:[chars])`

Explanation Fibre-Channel ESP parameters mismatch with the peer on Port [chars].(Reason: [chars]). Please check ESP configurations on both side of the link and ensure appropriate ESP mode on this port as well as peer port

Recommended Action No action is required.

Error Message `FCSP-MGR-2-FSMU_INIT_FAILED: State Machine Infrastructure Initialization failed ( [chars] )`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `FCSP-MGR-2-IPC_INIT_FAILED: IPC (Inter Process Communication) Initialization failed ( [chars] )`

Explanation FC-SP Manager has been unable to initialize with the IPC infrastructure.

Recommended Action No action is required.

Error Message `FCSP-MGR-2-LICENSE_UNAVAILABLE: License:[chars] unavailable, service exiting`

Explanation License of [chars] is unavailable. Service will exit now

Recommended Action Please install the license file to continue using the feature.

Error Message `FCSP-MGR-2-MEM_FAILED: Memory operations failed File: [chars] Line [dec] for size [hex] bytes`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `FCSP-MGR-2-POST_INIT_FAILED: Post-Initialization failed ( [chars] )`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `FCSP-MGR-2-PSS_INIT_FAILED: PSS Infrastructure Initialization failed ( [chars] )`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `FCS-2-ALLOC_FAILED: Memory allocation failed for size:[dec]`

Explanation Memory allocation failed for size [dec]

Recommended Action Restart the process

Error Message `FCS-2-CHUNK_ALLOC_FAILED: Chunk memory allocation failed for [chars] chunk`

Explanation Chunk memory allocation failed. [chars] indicates the chunk name

Recommended Action Restart the process

Error Message `FCS-2-NO_RESPONSE: Retried maximum number of times for [chars] to domain [dec] in VSAN [dec]`

Explanation Maximum number of retires completed for [chars] form domain [dec] in VSAN [dec].

Recommended Action No action is required.

Error Message `FCS-2-PSS_VER_FAIL: PSS file [chars] has version [dec].[dec].[dec], expected version [dec].[dec].[dec]`

Explanation There was a mismatch in the PSS version. [chars] indicates the PSS service, [dec].[dec].[dec] its current version number and [dec].[dec].[dec] the expected version

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `FCS-2-RANDNUM_FAIL: [chars]`

Explanation There was a critical error during random number generation. [chars] indicates details of the error

Recommended Action No action is required.

Error Message `FCS-3-DB_ERR: [chars]`

Explanation An error occurred during an FCS database operation. [chars] indicates the reason for the error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `FCS-3-INIT_FAIL: [chars]`

Explanation An error happened during FCS Initialization. [chars] indicates the reason for failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `FCS-3-MTS_ERR: [chars]`

Explanation An error occurred in processing of an MTS message. [chars] indicates the error that occurred

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `FCS-3-NO_MTS_RESP: [chars]`

Explanation There was no response to an MTS request. [chars] indicates details of the MTS message

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `FCS-3-NO_REMOTE_RESP: No response for request [chars] from domain [dec] in VSAN [dec]`

Explanation There was no response to an FC2 request. [chars] indicates FCS request [dec] indicates the remote domain and [dec] the VSAN ID

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `FCS-3-OTHER_ERR: [chars]`

Explanation An FCS generic error occurred. [chars] indicates the description of the error

Recommended Action No action is required.

Error Message `FCS-3-PSS_ERR: [chars]`

Explanation An error occurred during an FCS PSS operation. [chars] indicates the PSS operation that caused the error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `FCS-3-SOCK_ERR: sd: [dec], [chars]`

Explanation An FC-2 Socket error occurred on socket-ID [dec]. [chars] indicates the reason for failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `FCS-4-BAD_CT_FRAME: Invalid FCS frame: [chars] received from [hex]`

Explanation An invalid FCS FC-CT frame with [chars] received from FC-ID [hex].

Recommended Action No action is required.

Error Message `FCS-5-API_FAIL: [chars]: [chars]`

Explanation An API called by FCS failed. [chars] indicates the API name failed and [chars] the reason for failure

Recommended Action If this message is seen during a cold boot, it means that the queried module came up after FCS and this case can be ignored

Error Message `FCS-5-DB_NOTICE: [chars]`

Explanation An error occurred during an FCS database operation. [chars] indicates the reason for the error

Recommended Action No action is required.

Error Message `FCS-6-INFORMATION: [chars]`

Explanation An event happend that affects FCS. [chars] indicates the event

Recommended Action No action is required.

Error Message `FCS-6-REXMIT_PKT: Retransmitting request [chars] to domain [dec] in VSAN [dec]`

Explanation There was a retransmission of an FC2 request. [chars] indicates FCS request [dec] indicates the remote domain and [dec] the VSAN ID

Recommended Action No action is required.

Error Message `FDMI-2-MTS_ERROR: MTS message transmission failed with error [dec]`

Explanation Fdmi process unsuccessfully tried to send a MTS message. MTS errro number is specified in [dec]

Recommended Action No action is required.

Error Message `FDMI-2-PSS_CFG_RESTORE_ERROR: Configuration restoration for [chars] failed with error [hex] for key type [dec]`

Explanation Fdmi read the saved configuration and encountered an error while rebuilding the runtime configuration. [chars] describes the configuration which the process tried to restore and 0x[hex] is the system err code

Recommended Action No action is required.

Error Message `FDMI-2-PSS_RTDB_RESTORE_ERROR: Runtime database restoration for [chars] failed with error [hex]`

Explanation Fdmi read the saved runtime database and encountered an error while rebuilding the runtime database. [chars] describes the runtime database which the process tried to restore and 0x[hex] is the system err code

Recommended Action No action is required.

Error Message `FDMI-3-BAD_FRAME: Malformed frame received: [chars]`

Explanation Fdmi process received malformed frame. [chars] describes the malformation

Recommended Action No action is required.

Error Message `FDMI-3-BAD_RESPONSE: response with command code: [hex]`

Explanation Fdmi process received bad payload in response

Recommended Action No action is required.

Error Message `FDMI-3-INTERNAL_ERROR: Internal err: [chars]`

Explanation Fdmi process encountered a general error, one that does not fall in any of the categories. [chars] describes the error and its context.

Recommended Action No action is required.

Error Message `FDMI-3-MTS_API_ERROR: API, [chars] returned [hex]`

Explanation Fdmi invoked API [chars], received the error code specified in 0x[hex]

Recommended Action No action is required.

Error Message `FDMI-3-MTS_FORMAT_ERROR: Unknown MTS message format in opcode [dec] from module [chars]`

Explanation Fdmi received message from module [chars] which contains unknown message format. MTS opcode is specified in [dec]

Recommended Action No action is required.

Error Message `FDMI-3-NO_RESPONSE: No response from switch whose domain id is [dec]`

Explanation Fdmi process sents a inter-switch packets to switches and has not received the response

Recommended Action No action is required.

Error Message `FDMI-3-PSS_ERROR: PSS operation [chars] returned err: [hex]`

Explanation [chars] specifies the context where the failure occured and 0x[hex] specifies the err

Recommended Action No action is required.

Error Message `FDMI-3-UNEXPECTED_MTS_MSG: Unexpected MTS message, opcode [dec], is received`

Explanation Fdmi process received unexpected MTS event. MTS opcode is specified in [dec]

Recommended Action No action is required.

Error Message `FDMI-4-SW_REJ_RESPONSE: Reject response [chars] from switch whose domain id is [dec]`

Explanation Fdmi process sents a inter-switch packets to switches and has received the reject response with reason code in [chars]

Recommended Action No action is required.

Error Message `FDMI-6-DEBUG_INFO: [chars]`

Explanation Fdmi process debug info

Recommended Action No action is required.

Error Message `FEATURE-MGR-2-FM_AUTOCKPT_FAILED: AutoCheckpoint [chars] failed to be created for reason: [chars] ([hex])`

Explanation AutoCheckpoint with the given name has been created successfully

Recommended Action No action is required.

Error Message `FEATURE-MGR-2-FM_AUTOCKPT_IN_PROGRESS: AutoCheckpoint [chars]'s creation in progress...`

Explanation AutoCheckpoint creation has been requested and it should be in progress

Recommended Action No action is required.

Error Message `FEATURE-MGR-2-FM_AUTOCKPT_SUCCEEDED: AutoCheckpoint [chars] created successfully`

Explanation AutoCheckpoint with the given name has been created successfully

Recommended Action No action is required.

Error Message `FEATURE-MGR-2-MODULE_FM_DONE: feature manager completed`

Explanation Feature manager completed

Recommended Action No action is required.

Error Message `FEATURE-MGR-2-MODULE_FM_STARTED: feature manager started`

Explanation Feature manager started

Recommended Action No action is required.

Error Message `FEX-2-FEX_NOT_ONLINE_SUP_ISSU: FEX [dec] did not come online after SUP ISSU`

Explanation FEX did not come online after sup ISSU

Recommended Action No action is required.

Error Message `FEX-2-FEX_OFFLINE: FEX [dec] has gone OFFLINE`

Explanation FEX has gone OFFLINE

Recommended Action No action is required.

Error Message `FEX-2-FEX_ONLINE: FEX [dec] has come ONLINE`

Explanation FEX has come ONLINE

Recommended Action No action is required.

Error Message `FEX-2-FEX_PORT_STATUS_CRIT: Uplink-ID [dec] of Fex [dec] that is connected with [chars] changed its status from [chars] to [chars]`

Explanation Fex [decimal-digit] changed port status

Recommended Action No action is required.

Error Message `FEX-2-NOHMS_ENV_FEX_OFFLINE: [chars]`

Explanation Fex off-line

Recommended Action Show inventory

Error Message `FEX-2-NOHMS_ENV_FEX_ONLINE: [chars]`

Explanation Fex on-line

Recommended Action Show inventory

Error Message `FEX-5-FEX_DISABLED: FEX Disabled`

Explanation FEX Service Disabled

Recommended Action No action is required.

Error Message `FEX-5-FEX_ENABLED: FEX Enabled`

Explanation FEX Service Enabled

Recommended Action No action is required.

Error Message `FEX-5-FEX_PORT_STATUS_NOTI: Uplink-ID [dec] of Fex [dec] that is connected with [chars] changed its status from [chars] to [chars]`

Explanation Fex [decimal-digit] changed port status

Recommended Action No action is required.

Error Message `FEX-5-PINNING_CHANGED: Fex [dec] pinning information is changed`

Explanation Fex pinning information changed

Recommended Action No action is required.

Error Message `FEX-5-SATMGR_DISABLE_FAILED: Disabling of feature FEX failed. Please remove FEX related configs from interfaces`

Explanation Disabling of FEX feature failed

Recommended Action No action is required.

Error Message `FICON-2-E_DUPLICATE_PN_BRINGUP_FAIL: [chars]`

Explanation This port has the same port number assigned to other port in the same FICON VSAN. No more than one port with duplicate port number can be up in each FICON VSAN

Recommended Action Avoid duplicate number assignment in each FICON VSAN\n

Error Message `FICON-2-E_PN_PA_NOT_IN_BOUND: [chars]`

Explanation Port number or port address in startup-configure is out of bound.

Recommended Action Change ficon port number assign configuration and save to startup-configure.\n

Error Message `FICON-2-E_SAVE_FILE: [chars]`

Explanation Failed to save file. Possibly due to asymmetric pdcm matrix. Look for retval for actual reason.

Recommended Action Configure port prohibits in symmetrically.\n

Error Message `FICON-2-SHUTDOWN: FICON Manager process shutting down: [chars]`

Explanation FICON Manager shutting down

Recommended Action This is a severe error. Provide the reason given in the message\n

Error Message `FICON-3-E_ASSIGN_BINDING_PN_FAIL: [chars]`

Explanation Port number has fcip or port channle binding can not be removed nor changed.

Recommended Action Remove port number binding of the logical interface first.\n

Error Message `FICON-3-E_ASSIGN_INVALID_PN_PARAM: [chars]`

Explanation Invalid port number parameters in command.

Recommended Action Check port numbers in the command.\n

Error Message `FICON-3-E_ASSIGN_OVERLAP_PN_FAIL: [chars]`

Explanation Port number assigned to physical and logical can not overlap.

Recommended Action Check port numbers in the command.\n

Error Message `FICON-3-E_ASSIGN_PN_NOT_DOWN_FAIL: [chars]`

Explanation Only port number assigned to a port in down state can be removed or changed.

Recommended Action Bring down the port first.\n

Error Message `FICON-3-E_ASSIGN_PROHIBIT_PN_FAIL: [chars]`

Explanation Logical port address can not be prohibited.

Recommended Action Check port numbers in the command.\n

Error Message `FICON-3-E_DUPLICATE_PN_ASSIGN_WARNING: [chars]`

Explanation This port has the same port number assigned to other port in the same FICON VSAN. No more than one port should have the same port number in each FICON VSAN

Recommended Action Avoid duplicate number assignment in each FICON VSAN\n

Error Message `FICON-3-E_INVALID_PA_BRINGUP_FAIL: [chars]`

Explanation This port either has an invalid port address assigned or has no port address assigned.

Recommended Action Assign a valid ficon port number to the port.\n

Error Message `FICON-3-E_PORT_PROHIBIT_BRINGUP_FAIL: [chars]`

Explanation This port has been prohibited. Prohibiting E or TE ports is not allowed. This port can not be configured in E mode or TE mode until the prohibit mask configuration is changed

Recommended Action Correct the prohibit mask (PDCM) for this port if you wish to bring it up as an E or TE port in a FICON VSAN\n

Error Message `FICON-3-E_UNASSIGN_NO_PN_FAIL: [chars]`

Explanation Only port number already assigned can be removed.

Recommended Action Check port numbers in the command.\n

Error Message `FICON-3-PDCM_CHANGE_REJ_E_PORT: [chars]`

Explanation The FICON Prohibit Dynamic Connectivity Mask(PDCM) change rejected because an E or TE port is being prohibited. Prohibiting an E or TE port in not allowed

Recommended Action Correct the prohibit mask (PDCM) for this port if you wish to bring the port up as an E or TE port in a FICON VSAN\n

Error Message `FICON-5-STARTING: FICON Manager process starting`

Explanation FICON Manager process is being started

Recommended Action No action is required.

Error Message `FICON-6-PDCM_CHANGE: VSAN [dec] port-address [dec] prohibit mask set to [chars]`

Explanation The FICON Prohibit Dynamic Connectivity Mask (PDCM) for this port has changed. VSAN [dec], port address [dec] prohibit mask (PDCM) is now set to [chars]

Recommended Action No action is required.

Error Message `FICON-6-PORT_SWAP: port number [dec] [dec] swapped`

Explanation FICON portnumbers swapped

Recommended Action No action is required.

Error Message `FICON-6-VSAN_DISABLED: FICON disabled on VSAN [dec]`

Explanation FICON has been disabled on the given VSAN

Recommended Action No action is required.

Error Message `FICON-6-VSAN_ENABLED: FICON enabled on VSAN [dec]`

Explanation FICON has been enabled on the given VSAN

Recommended Action No action is required.

FLEXLINK Messages

This section contains the FLEXLINK messages.

FLEXLINK-2

Error Message `FLEXLINK-2-FLEXLINK_FEATURE_DISABLE_FAILED_CONFIG: Disablement of feature Flexlink failed. Please remove Flexlink related configs from interfaces.`

Explanation Disablement of Flexlink service failed

Recommended Action No action is required.

Error Message `FLEXLINK-2-FLEXLINK_FEATURE_ENABLE_FAILED_PLATFORM: Enablement of feature Flexlink failed. Flexlink is not supported on [chars] platforms.`

Explanation Enablement of Flexlink service failed

Recommended Action No action is required.

Error Message `FLEXLINK-2-FLEXLINK_FEATURE_ENABLE_FAILED_VPC: Enablement of feature Flexlink failed. Please disable feature VPC first.`

Explanation Enablement of Flexlink service failed

Recommended Action No action is required.

Error Message `FLEXLINK-2-FLEXLINK_FWDING_EVSEQ_FAIL: Port state change request to Forwarding Manager error [hex] [[chars]] vdc [dec]. Port [chars] will be error disabled.`

Explanation Forwarding Manager set port state has failed or timed out.

Recommended Action No action is required.

FLEXLINK-5

Error Message `FLEXLINK-5-FLEXLINK_DISABLED: Flexlink Manager disabled`

Explanation Flexlink Service Disabled

Recommended Action No action is required.

Error Message `FLEXLINK-5-FLEXLINK_ENABLED: Flexlink Manager enabled`

Explanation Flexlink Service Enabled

Recommended Action No action is required.

Error Message `FLEXLINK-5-LOOP_REMOVE_CONFIG: Removing Switchport Backup configuration for pair ([chars]) on port-channel deletion to prevent loops`

Explanation Switchport Backup port channel deletion removing config

Recommended Action No action is required.

Error Message `FLEXLINK-5-PREEMPTION: Switchport Backup interface [chars] preemption of [chars] for [chars]`

Explanation Switchport Backup interface preemption

Recommended Action No action is required.

FLOGI Messages

This section contains the FLOGI messages.

FLOGI-1

Error Message `FLOGI-1-MSG_FDISC_REJECT_TOO_MANY_LOGINS: [VSAN [dec], Interface [chars]] FDISC rejected - this interface has reached the max num of N-Ports ([dec])`

Explanation An FDISC was rejected because the F-Port has reached the maximum allowed number of devices.

Recommended Action Check the configuration of the NPIV device connected to the port.

Error Message `FLOGI-1-MSG_FLOGI_REJECT_FCID_ERROR: [VSAN [dec], Interface [chars]] FLOGI rejected - FCID allocation failed.`

Explanation An FLOGI was rejected because the FCID allocation failed.

Recommended Action Check the fcid-interop configuration, purge the persistency table and check the output of show flogi database details and see if any of the A area FCID allocation entries can be turned to single fcid allocation as per Configuration Guide

Error Message `FLOGI-1-MSG_FLOGI_REJECT_TOO_MANY_LOGINS: [VSAN [dec], Interface [chars]] FLOGI rejected - this interface has reached the max num of NL-Ports ([dec])`

Explanation An FLOGI was rejected because the FL-Port has reached the maximum allowed number of devices.

Recommended Action Reduce the number of devices on the loop

Error Message `FLOGI-1-MSG_NPIV_NOT_SUPPORTED_WITH_TRUNKING: [VSAN [dec], Interface [chars]] NPIV not supported - on this platform, NPIV is not supported on trunking interfaces`

Explanation The N_Port requested NPIV, but this platform does not support NPIV on trunking F_Ports.

Recommended Action Disable NPIV, or move the N_Port to a switch that supports NPIV on trunking F_Ports

Error Message `FLOGI-2-MSG_FLOGI_REJECT_NO_ACL_TCAM_AVAILABLE: [VSAN [dec], Interface [chars]] FLOGI rejected - ACLTCAM resource exausted`

Explanation An FLOGI was rejected because the ACLTCAM hardware resource is completely used.

Recommended Action Reduce the number of nodes.

Error Message `FLOGI-4-MSG_VF_FLOGI_FROM_NON_CISCO_OUI: [VSAN [dec], Interface [chars]] FLOGI with VF bit set from OUI [hex]:[hex]:[hex] (nwwn: [chars])`

Explanation This interface received an FLOGI with VF bit set from a non CISCO OUI; in this release Virtual Fabrics are not supported on interfaces connected to third-party devices

Recommended Action Set the trunk mode of this interface to off

Error Message `FLOGI-5-MSG_FLOGI_DROP_DUE_TO_SUSPENDED_VSAN: [VSAN [dec], Interface [chars]] FLOGI (pwwn: [chars]) has been dropped because the VSAN is suspended on this trunking interface`

Explanation The switch received an FLOGI from a trunking interface on a VSAN which has been suspended; the FLOGI frame has been dropped.

Recommended Action To bring up the VSAN again on the trunking port, remove it from the allowed VSAN list and add it again

Error Message `FLOGI-5-MSG_IF_REINIT_ALPA_CONFLICT: [VSAN [dec], Interface [chars]] FL/TL interface [chars] re-initialized as ALPA - PWWN map conflict occurred.`

Explanation The FL/TL interface is re-initialized as ALPA used by device conflicts with an existing FLOGI session after the Loop Initialization Protocol (LIP). All the devices will re-login with new ALPA and PWWN mapping

Recommended Action No action is required.

Error Message `FLOGI-5-MSG_PORT_LOGGED_IN: [VSAN [dec], Interface [chars]] Nx Port [chars] with FCID [chars] logged IN.`

Explanation Nx port logged in with the specified information.

Recommended Action No action is required.

Error Message `FLOGI-5-MSG_PORT_LOGGED_OUT: [VSAN [dec], Interface [chars]] Nx Port [chars] logged OUT.`

Explanation Nx port logged out. The following commands will help determine why this Nx port logged out: 'show interface, show VSAN, show module'

Recommended Action No action is required.

Error Message `FS-DAEMON-2-FSD_ENOSPC_BOOTFLASH: Due to insufficient space, [chars] image could not be copied to standby bootflash. [chars] image is not present on standby. Please copy \[chars]\'manually.'`

Explanation Move system images from RAM to bootflash to free up some memory

Recommended Action Please remove some unnecessary files on bootflash using \delete\'CLIcommandandcopyimagesfromactivesupervisororfromremotelocation'

Error Message `FS-DAEMON-6-FSD_ENOSPC_LOGFLASH: System logflash usage has reached [dec]%. You may delete some old files on logflash to free up space`

Explanation System logflash space is almost full

Recommended Action Use 'clear core archived' or 'delete' CLI to free up space on logflash

Error Message `FSCM-2-FABRIC_START_CFG_MGR_PROGRAM_EXIT: Fabric Start Cfg Mgr daemon exiting: [chars]`

Explanation FABRIC_START_CFG_MGR daemon is exiting.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `FSPF-2-SHUTDOWN: Routing daemon shutting down : [chars]`

Explanation FSPF routing daemon is shutting down because of [chars] reason.

Recommended Action This is a severe bug. Provide the reason provided and the log files for FSPF.

Error Message `FSPF-3-BAD_FC2_PKT: Received bad FC2 packet on interface [chars] : [chars]`

Explanation FSPF received a bad FC2 packet on [chars] interface , error description is [chars].

Recommended Action FSPF daemon has received a bad FC frame. Provide the output of 'debug fc2 pkt '.

Error Message `FSPF-3-CHECKSUM_FAIL: Checksum test failed for LSR domain [dec]`

Explanation Periodic database checksum test failed for LSR for domain [dec]

Recommended Action This indicates that the internal database got corrupted because of some memory corruption bug. Provide output of 'show fspf database '. May need to power cycle the switch

Error Message `FSPF-3-FC2_PROC_ERR: Error in processing [chars] packet on interface [chars], Error = [chars]`

Explanation An error occurred in processing a [chars] FC2 packet on [chars] interface. The internal error code is [chars].

Recommended Action Turn on 'debug fspf error' to get more information. Make sure there is no misconfiguration of FSPF parameters on the two ends of the interface. Provide output of 'show fspf vsan x' 'show fspf vsan x interface' and 'debug fspf fc pkt ' for the specific interface

Error Message `FSPF-3-FLOOD_ERR: Error in flooding the local LSR , Error = [chars]`

Explanation FSPF had an error in flooding the local LSR , error description is [chars].

Recommended Action Provide output of 'debug fspf flood' , 'debug fspf error'. If error is reported in transmitting packet check if interface is up and turn on 'debug fc2 error'

Error Message `FSPF-3-HELLO_MISMATCH: Mismatch in [chars] in the Hello packet on interface [chars]`

Explanation There is a mismatch in the [chars] entry in the hello packet received on interface [chars]. The packet will be dropped.

Recommended Action Check the configuration of hello or dead interval on the switches on the two ends of the interface to see if there is a mismatch.

Error Message `FSPF-3-INTF_TIMER_ERR: Error in processing interface timer event [chars] for interface [chars] , error = [chars]`

Explanation FSPF had an error in processing timer event for interface chars, error is [chars].

Recommended Action Provide output of 'debug fspf error'

Error Message `FSPF-3-IPC_PROC_ERR: Error in processing IPC message : Opcode = [dec], Error code = [hex]`

Explanation FSPF had an error in processing message of [dec] opcode , the internal error code is [dec].

Recommended Action Possibly some wrong IPC message is received by FSPF . Provide output of 'debug fspf mts pkt' and 'debug fspf error ' trace.

Error Message `FSPF-3-LOCK_FAIL: FSPF failure in gaining lock`

Explanation There is a software failure in gaining lock of the shared resource between FSPF threads.

Recommended Action Provide output of 'debug fspf all '

Error Message `FSPF-3-MTS_MSG_BEFORE_GSYNC: FSPF in standby received MTS message opcode = [hex] before GSYNC`

Explanation FSPF in standby received an MTS message of opcode [dec] before receiving the GSYNC message.

Recommended Action Provide output of 'debug fspf mts pkt '

Error Message `FSPF-3-RIB_ERR: Error in RIB : [chars]`

Explanation FSPF had an error in interacting with RIB, error description is [chars].

Recommended Action Check if rib application is running using 'show processes'. Provide output of 'debug fspf route' and RIB debug traces.

Error Message `FSPF-3-ROUTE_COMPUTE_ERR: Error in computing or sending routes : Error = [chars]`

Explanation FSPF had an error in computing routes , error description is [chars].

Recommended Action Provide the error code and output of 'debug fspf error' and 'debug fspf route' if problem is reproducible

Error Message `FSPF-3-UNLOCK_FAIL: FSPF failure in releasing lock`

Explanation There is a software failure in releasing lock of the shared resource between FSPF threads.

Recommended Action Provide output of 'debug fspf all '

Error Message `FSPF-3-VSAN_TIMER_ERR: Error in processing VSAN timer event [chars], error description = [chars]`

Explanation FSPF had an internal error in processing timer event , error description is [chars].

Recommended Action Provide output of 'debug fspf error'

Error Message `FSPF-4-FC2_DOWN_INTF: Received FC2 packet on DOWN interface [chars]`

Explanation FSPF received a FC2 packet on inactive interface [chars] .

Recommended Action This message may be printed for the first FSPF packet when an interface is brought up. If the message is seen continuously check if FSPF is disabled on one end for the interface or the VSAN. Otherwise check 'show interface ' output to see if interface is physically up only on one side. Also check if there is any error message printed for IPC_PROC_ERR

Error Message `FSPF-4-FC2_DOWN_VSAN: Received FC2 packet on inactive vsan`

Explanation FSPF received a FC2 packet on inactive vsan.

Recommended Action If message seen continuously check if FSPF is disabled on the VSAN Investigate if VSAN is active and valid domain has been assigned on the switch Also check if IPC_PROC_ERR message is printed in the syslog

Error Message `FSPF-4-ILLEGAL_FSM_EVENT: Illegal FSM event for state [chars] in interface [chars]`

Explanation An illegal protocol event has occurred for the FSPF state machine. The old state was [chars] for the interface [chars].

Recommended Action It is possible to get this message if some protocol packet gets dropped but the it should recover and move back to FULL state. Do 'show fspf interface' to check the state of the interface. If it is stuck in state other than FULL provide output of 'debug fspf event' and 'debug fspf fc pkt ' for the interfaces involved.

Error Message `FSPF-4-LSR_DROPPED: [chars], Dropping LSR [dec] received on interface [chars]`

Explanation A LSR packet is dropped due to [chars] reason. LSR belonged to domain [dec] and was received on interface [chars].

Recommended Action Provide the reason given for dropping the LSR and output of 'debug fspf fc pkt' If the reason is checksum failure investigate possible packet corruption or truncation

Error Message `FSPF-4-LSR_MIN_LS_ARRIVAL: Packet arrived before MIN_LS_ARRIVAL, Dropping LSR [dec] on interface [chars]`

Explanation A LSR packet is dropped as it arrived before MIN_LS_ARRIVAL. LSR belonged to domain [dec] and was received on interface [chars].

Recommended Action This can occur in transient situation and protocol recovers by retransmitting the LSR. If the message is seen continuously provide output of 'debug fspf flood ' , 'debug fspf retrans' and 'debug fspf error '. The message may be seen more often when interoperating with other vendors

Error Message `FSPF-4-LSU_RX_INIT: Dropping LSU received in state INIT on interface [chars]`

Explanation A LSU packet is dropped as interface [char] is in INIT state when it received the LSU.

Recommended Action This can occur in some transient situation. If the problem persists provide output of 'show fspf vsan x interface' and 'debug fspf fc pkt ' and 'debug fspf event vsan x'

Error Message `FSPF-5-STARTING: Routing daemon started`

Explanation FSPF routing daemon has been started.

Recommended Action No action is required.

Error Message `FSPF-6-ADD_LSR: New LSR added for domain [dec]`

Explanation A new LSR is added to the database for domain [dec] .

Recommended Action No action is required.

Error Message `FSPF-6-DELETE_LSR: LSR deleted for domain [dec]`

Explanation The LSR for domain [dec] is deleted from the database.

Recommended Action No action is required.

Error Message `FSPF-6-INTF_OPER_DOWN: Down on interface [chars]`

Explanation FSPF has become operationally down on interface [chars].

Recommended Action No action is required.

Error Message `FSPF-6-INTF_OPER_UP: Up on interface [chars]`

Explanation FSPF has become operational on interface [chars].

Recommended Action No action is required.

Error Message `FSPF-6-MAX_AGE: LSR [dec] reached Maxage`

Explanation The LSR for domain [dec] reached the maximum age and will be deleted from all the connected switches .

Recommended Action No action is required.

Error Message `FSPF-6-ROLLOVER: Rolling over the incarnation number of Local LSR`

Explanation The incarnation number of local LSR reached the maximum value and is rolling over.

Recommended Action No action is required.

Error Message `FSPF-6-SELF_ORIGINATED: Received local LSR with higher incarnation number`

Explanation A LSR for the local domain was received with incarnation number higher than the one in database. This situation should only occur initially on a topology change. If this situation persists the domain assignment of switches may not be unique

Recommended Action If this message is received continuously check if domain assignment is unique in the fabric.

Error Message `FSPF-6-STATE_CREATED: Internal state created [chars]`

Explanation FSPF has created its internal state stateless/stateful [chars].

Recommended Action No action is required.

Error Message `FSPF-6-VSAN_OPER_DOWN: Down on vsan`

Explanation FSPF has become operationally down on VSAN.

Recommended Action No action is required.

Error Message `FSPF-6-VSAN_OPER_UP: Up with local domain [dec]`

Explanation FSPF has started with local domain [dec].

Recommended Action No action is required.

Error Message `FSPF-7-ROUTE_THREAD_STARTED: Thread number [dec] started`

Explanation Route computation thread number [dec] has been started for FSPF.

Recommended Action No action is required.

Error Message `FWM-0-FCFIB_EMERG: [chars]`

Explanation Fcfib caused a system failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `FWM-1-FCFIB_ALERT: [chars]`

Explanation Fcfib caused failures in other services

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `FWM-1-FCFIB_HW_NO_VSAN_DOM: No hardware [chars] resources for route creation to VSAN [dec] Domain [dec]`

Explanation Hardware does not have sufficient resources to create this route.

Recommended Action Please delete unused VSANs or assign common Domain numbers to existing VSANs.

Error Message `FWM-1-FCFIB_HW_NO_VSAN: No hardware [chars] resources for route creation to VSAN [dec]`

Explanation Hardware does not have sufficient resources to create this route.

Recommended Action Please delete unused VSANs.

Error Message `FWM-1-FCFIB_HW_PC_LIMIT: Failed to create [chars], hardware limit of [dec] would be exceeded`

Explanation The number of hardware SAN Port Channels is limited by the platform.

Recommended Action Please configure fewer SAN Port Channels.

Error Message `FWM-1-FCFIB_LICENSE_UNAVAILABLE: License: [chars] is not installed. System will not provide FC switching.`

Explanation Fibre Channel license is unavailable. System will not provide FC switching.

Recommended Action Please install the license file to continue using the feature.

Error Message `FWM-2-FCFIB_CRIT: [chars]`

Explanation Fcfib encountered a catastrophic error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `FWM-2-FWM_ASSERT_FAILURE: stack [[chars]]`

Explanation Critical assertion failed in forwarding manager

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `FWM-2-FWM_CONFIG_ERROR: Wrong configuration. Ignoring configuration.`

Explanation Configuration specified by the user is wrong. Configuration will be ignored.

Recommended Action No action is required.

Error Message `FWM-2-FWM_ENM_MAC_AGED: mac address [chars] on vlan [dec] is aged out`

Explanation The mac address on a vlan has been aged out.

Recommended Action No action is required.

Error Message `FWM-2-FWM_OIFL_MCAST_IDX_LIMIT_REACHED: [chars]`

Explanation The number of of multicast indices in the system have been exhausted. Cannot learn any more new multicast groups or create new vlans.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `FWM-2-FWM_PSS_RESTORE_ERROR: FwM PSS restoration has failed. Error: [chars]`

Explanation PSS restoration of FwM has failed during stateful restart or non disruptive upgrade.

Recommended Action No action is required.

Error Message `FWM-2-FWM_SPAN_EGR_MCAST_ERROR: FwM SPAN fex source programming has failed. Error: [chars]`

Explanation One or more fex ports/port channels which are sources in monitor sessions are part of

Recommended Action No action is required.

Error Message `FWM-2-FWM_VE_NOT_SUPPORTED: FCoE cannot be enabled for E mode (VE) on this platform`

Explanation FCoE cannot be enabled for E mode (VE) on Oregon switch with GATOS B or below.

Recommended Action No action is required.

Error Message `FWM-2-FWM_VLAN_LIMIT_REACHED: [chars]`

Explanation Max vlan limit is reached. Cannot create a vlan. Temporary exhaustion of vlan resources.

Recommended Action No action is required.

Error Message `FWM-2-STM_BELOW_NINETY_PERCENT_LIMIT: [chars]`

Explanation System Station table now below ninety percent of its capacity

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `FWM-2-STM_LEARNING_RE_ENABLE: Re enabling dynamic learning on all interfaces`

Explanation Re enabling learning on all interfaces after disable period expired

Recommended Action No action is required.

Error Message `FWM-2-STM_LIMIT_REACHED: [chars]`

Explanation System station table reached its capacity - no further MAC addresses could be programmed - administration intervention may be required to avoid this problem in future

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `FWM-2-STM_LOOP_DETECT: [chars]`

Explanation System detected loops in the network - administration intervention may be required to avoid this problem in future

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `FWM-2-STM_NINETY_PERCENT_LIMIT_REACHED: [chars]`

Explanation System Station table reached ninety percent of its capacity

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `FWM-2-STM_MCAST_PROG_RE_ENABLE: Re enabling programming multicast entries`

Explanation Re enabling programming new multicast entries because number of entries reached below threshold

Recommended Action No action is required.

Error Message `FWM-2-STM_RAPID_MOVES: [chars]`

Explanation System detected rapid mac moves in the network - administrator intervention may be required to avoid this problem in future

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `FWM-2-STORE_FWD_SWITCHING_NOTIFICATION: [chars]`

Explanation Notification of StoreAndForward switching enable/disable

Recommended Action No action is required.

Error Message `FWM-3-FCFIB_ERR: [chars]`

Explanation Fcfib encountered an error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `FWM-3-FCFIB_NO_MEM: Out of memory`

Explanation Fcfib does not have enough memory to continue proper operation.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `FWM-4-FCFIB_CPU_HOG: Inactive or busy`

Explanation Either fcfib was not scheduled to run, or fcfib was busy, and fcfib did not service the message or timer queue for an extended period.

Recommended Action Please perform 'debug fwm error', then recreate the operation scenario, to find out more details.

Error Message `FWM-4-FWM_DUPLICATE_UNICAST_MAC_REGISTRATION: Unicast MAC address [chars] vlan [dec] registered on interface [chars] before deregistering on interface [chars]`

Explanation Duplicat unicast MAC registration observed

Recommended Action No action is required.

Error Message `FWM-4-FWM_URPF_GLOBALLY_DISABLED: Cannot configure URPF on an interface as it has been globally disabled`

Explanation URPF cannot be configured as it has been globally disabled

Recommended Action No action is required.

Error Message `FWM-4-STM_LEARNING_OVERLOAD: [chars]`

Explanation System getting overloaded due to learning processes

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `FWM-4-STM_LEARNING_VPC_MAC_SYNC_ERROR: [chars]`

Explanation System unable to add vPC peer learnt MACs

Recommended Action No action is required.

Error Message `FWM-6-MAC_MOVE_NOTIFICATION: Host [chars] in vlan [dec] is flapping between port [chars] and port [chars]`

Explanation Notification of a MAC address moving as per configuration

Recommended Action No action is required.

Error Message `FWM-6-STM_THRESHOLD_NOTIFICATION: Station table reached [dec]% of the total capacity (total entries [dec])`

Explanation Station table capacity utilization message as per configured threshold values

Recommended Action No action is required.

Error Message `GLBP-2-GLBP_URIB_INIT_ERROR: [chars]`

Explanation Unicast routing initialization failed and the GLBP process terminated

Recommended Action Please check syslog messages for URIB failures and rectify the problem

Error Message `GLBP-3-GLBP_ARP_ADD_FAILED: failed to add [chars]/[chars] in arp table`

Explanation The system was unable to add the GLBP vIP into the arp table

Recommended Action Please check syslog messages for ARP failures and rectify the problem

Error Message `GLBP-3-GLBP_ARP_DEL_FAILED: failed to delete [chars]/[chars] in arp table`

Explanation The system was unable to delete the GLBP vIP from the arp table

Recommended Action Please check syslog messages for ARP failures and rectify the problem

Error Message `GLBP-3-GLBP_FEATURE_MANAGER_ERROR: [chars]: [chars]`

Explanation There was a problem in GLBP interaction with feature manager.

Recommended Action Please check the reason for error using feature manager and rectify the problem

Error Message `GLBP-3-GLBP_IP_JOIN_GROUP_FAILED: [chars]: failed to join glbp multicast address group`

Explanation The system was unable to peform a join to start receiving GLBP protocol packets.

Recommended Action Please check syslog messages for IP failures and rectify the problem

Error Message `GLBP-3-GLBP_IP_LEAVE_GROUP_FAILED: [chars]: failed to leave glbp multicast address group`

Explanation The system was unable to peform a leave to stop receiving GLBP protocol packets.

Recommended Action Please check syslog messages for IP failures and rectify the problem

Error Message `GLBP-3-GLBP_MAC_ADD_FAILED: fwd [dec] failed to add [chars] in mac table (error [hex])`

Explanation The system was unable to add the GLBP mac address into the mac addresss table

Recommended Action Please check syslog messages for L2FM failures and rectify the problem

Error Message `GLBP-3-GLBP_MAC_DEL_FAILED: fwd [dec] failed to delete [chars] in mac table (error [hex])`

Explanation The system was unable to delete the GLBP mac address from the mac addresss table

Recommended Action Please check syslog messages for L2FM failures and rectify the problem

Error Message `GLBP-3-GLBP_ROUTE_ADD_FAILED: failed to add [chars] in routing table`

Explanation The system was unable to add the GLBP vIP address into the unicast routing table

Recommended Action Please check syslog messages for URIB failures and rectify the problem

Error Message `GLBP-3-GLBP_ROUTE_DEL_FAILED: failed to delete [chars] in routing table`

Explanation The system was unable to delete the GLBP vIP address from the unicast routing table

Recommended Action Please check syslog messages for URIB failures and rectify the problem

Error Message `GLBP-4-BADAUTH: Bad authentication received from [chars]`

Explanation Two routers participating in a Gateway Load Balancing Protocol group have a valid authentication string that does not match.

Recommended Action Use the glbp authentication interface command to repair the Gateway Load Balancing Protocol authentication discrepancy between the local system and the one whose IP address is reported

Error Message `GLBP-4-BADVIP1: address [chars] is in the wrong subnet for this interface`

Explanation The Gateway Load Balancing Protocol virtual IP address is not within the subnet configured on this interface.

Recommended Action Configure the virtual IP address of Gateway Load Balancing Protocol to be within the subnet configured on this interface.

Error Message `GLBP-4-BADVIP2: address [chars] in the wrong subnet for this interface is not learned`

Explanation The Gateway Load Balancing Protocol virtual IP address contained in the hello message cannot be learned. It is not within the subnet configured on this interface.

Recommended Action Check the configuration on all Gateway Load Balancing Protocol routers.

Error Message `GLBP-4-BADVIP3: address [chars] is the broadcast address for this interface`

Explanation The Gateway Load Balancing Protocol virtual IP address is a broadcast address for this interface.

Recommended Action Configure the virtual IP address of Gateway Load Balancing Protocol to be a non broadcast address.

Error Message `GLBP-4-DIFFVIP1: active router virtual IP address [chars] is different from the locally configured virtual IP address [chars]`

Explanation The Gateway Load Balancing Protocol virtual IP address contained in the Hello message from the Active router is different to that configured locally.

Recommended Action Check the configuration on all Gateway Load Balancing Protocol routers

Error Message `GLBP-4-DUPADDR: Duplicate address on [chars]`

Explanation The IP address in a Gateway Load Balancing Protocol message received on the interface is the same as the IP address of its own router. This condition may be caused by a misconfiguration or because of a malfunctioning switch.

Recommended Action Check the configurations on all the Gateway Load Balancing Protocol routers, and ensure that any switches are functioning properly

Error Message `GLBP-4-DUPVIP1: address [chars] already assigned to interface [chars] grp [dec]`

Explanation The Gateway Load Balancing Protocol virtual IP address contained in the hello message cannot be learned. It is already assigned to a different Gateway Load Balancing Protocol group.

Recommended Action Check the configuration on all Gateway Load Balancing Protocol routers

Error Message `GLBP-4-DUPVIP2: address [chars] already assigned to this interface`

Explanation The Gateway Load Balancing Protocol virtual IP address contained in the hello message cannot be learned. It is already assigned to this interface.

Recommended Action Check the configuration on all Gateway Load Balancing Protocol routers.

Error Message `GLBP-4-DUPVIP3: address [chars] already assigned to another interface [chars]`

Explanation The Gateway Load Balancing Protocol virtual IP address contained in the hello message cannot be learned. It is already assigned to, or overlaps with, an address on another interface or application.

Recommended Action Check the configuration on all Gateway Load Balancing Protocol routers.

Error Message `GLBP-4-GLBP_ARP_RESP_FAILED: failed to send arp response [chars]/[chars]`

Explanation The system was unable to send the arp response for vIP

Recommended Action Please check syslog messages for ARP failures and rectify the problem

Error Message `GLBP-5-ACTIVE_CHANGE: Active gateway is [chars]`

Explanation The Gateway Load Balancing Protocol has changed active gateway.

Recommended Action No action is required

Error Message `GLBP-5-FWDSTATECHANGE: fwd [dec] state changed from [chars] to [chars]`

Explanation The Gateway Load Balancing Protocol forwarder has changed state.

Recommended Action No action is required

Error Message `GLBP-5-FWD_CREATE: fwd [dec] created`

Explanation The Gateway Load Balancing Protocol forwarder has been created.

Recommended Action No action is required

Error Message `GLBP-5-FWD_DELETE: fwd [dec] deleted`

Explanation The Gateway Load Balancing Protocol forwarder has been removed.

Recommended Action No action is required

Error Message `GLBP-5-FWD_OWNER: fwd [dec] owner mac is [chars]`

Explanation The Gateway Load Balancing Protocol forwarder has changed the owner MAC address.

Recommended Action No action is required

Error Message `GLBP-5-FWD_VMAC: fwd [dec] virtual mac is [chars]`

Explanation The Gateway Load Balancing Protocol forwarder has changed the virtual MAC address.

Recommended Action No action is required

Error Message `GLBP-5-FWD_WEIGHTING: fwd [dec] weighting is [dec]`

Explanation The Gateway Load Balancing Protocol forwarder has changed the weighting.

Recommended Action No action is required

Error Message `GLBP-5-GRPSTATECHANGE: state changed from [chars] to [chars]`

Explanation The Gateway Load Balancing Protocol gateway has changed state.

Recommended Action No action is required

Error Message `GLBP-5-MEMBER_ADD: member [chars] [chars] added`

Explanation The Gateway Load Balancing Protocol gateway has added a member.

Recommended Action No action is required

Error Message `GLBP-5-MEMBER_REMOVE: member [chars] [chars] removed`

Explanation The Gateway Load Balancing Protocol gateway has removed a member.

Recommended Action No action is required

Error Message `GLBP-5-PRIORITY: [chars] gateway priority changed to [dec]`

Explanation The Gateway Load Balancing Protocol gateway has changed priority.

Recommended Action No action is required

Error Message `GLBP-5-STANDBY_CHANGE: Standby gateway is [chars]`

Explanation The Gateway Load Balancing Protocol has changed standby gateway.

Recommended Action No action is required

Error Message `GLBP-5-TIMER: [chars] timer changed to [chars]`

Explanation The Gateway Load Balancing Protocol gateway has learnt timers.

Recommended Action No action is required

Error Message `GLBP-5-VIPLEARN: learnt virtual ip address [chars]`

Explanation The Gateway Load Balancing Protocol gateway has learnt virtual IP address.

Recommended Action No action is required

Error Message `GLBP-5-VIPUNLEARN: unlearnt virtual ip address [chars]`

Explanation The Gateway Load Balancing Protocol gateway has unlearnt virtual IP address.

Recommended Action No action is required

Error Message `GLBP-5-WEIGHTING: weighting changed to [dec]`

Explanation The Gateway Load Balancing Protocol gateway has changed the weighting.

Recommended Action No action is required

Error Message `HSRP_ENGINE-3-BFD_GLOBAL_SESSION_REMOVAL_ERROR: Failed to remove all the HSRP-BFD sessions([hex] [hex]), Refer logs`

Explanation Refer logs for more details

Recommended Action No action is required.

Error Message `HSRP_ENGINE-3-BFD_IF_SESSION_REMOVAL_ERROR: Failed to remove few HSRP-BFD sessions([hex] [hex]), Refer logs`

Explanation Refer logs for more details.

Recommended Action No action is required.

Error Message `HSRP_ENGINE-3-BFD_SESSION_ADD_ERROR: Failed to add few HSRP-BFD sessions([hex] [hex]), Refer logs`

Explanation TRefer logs for more details.

Recommended Action No action is required.

Error Message `HSRP_ENGINE-3-BFD_SESSION_CREATION_ERROR: Failed to create BFD session information([hex] [hex]), Refer logs`

Explanation Refer logs for more details.

Recommended Action No action is required.

Error Message `HSRP_ENGINE-3-BFD_SESSION_REMOVAL_ERROR: Failed to remove few HSRP-BFD sessions([hex] [hex]), Refer logs`

Explanation Refer logs for more details.

Recommended Action No action is required.

Error Message `HSRP_ENGINE-3-ERROR_IN_ADD_VIP_TO_U6RIB: Failed to Add VIP [chars] to U6RIB (errno [hex]), Refer logs`

Explanation Refer logs for more details.

Recommended Action No action is required.

Error Message `HSRP_ENGINE-3-ERROR_IN_DEL_VIP_FROM_U6RIB: Failed to delete VIP [chars] from U6RIB (errno [hex]), Refer logs`

Explanation Refer logs for more details.

Recommended Action No action is required.

Error Message `HSRP_ENGINE-3-NOSOCKET: Unable to open socket`

Explanation The system was unable to initialize an IP connection for the Hot Standby protocol.

Recommended Action Make sure that there is at least one interface configured to run IP.

Error Message `HSRP_ENGINE-4-BADAUTH2: Bad authentication from [chars]`

Explanation Two routers participating in HSRP disagree on the valid authentication string.

Recommended Action Use the HSRP authentication command to repair the HSRP authentication discrepancy between the local system and the one whose IP address is reported.

Error Message `HSRP_ENGINE-4-BADAUTH: Bad authentication from [chars], group [dec], remote state [chars]`

Explanation Two routers participating in HSRP disagree on the valid authentication string.

Recommended Action Use the HSRP authentication command to repair the HSRP authentication discrepancy between the local system and the one whose IP address is reported.

Error Message `HSRP_ENGINE-4-DIFFVIP1: [chars] Grp [dec] active routers virtual IP address [chars] is different to the locally configured address [chars]`

Explanation The HSRP virtual IP address contained in the Hello message from the Active router is different to that configured locally.

Recommended Action Check the configuration on all HSRP routers.

Error Message `HSRP_ENGINE-4-DUPADDR: Duplicate address %i on [chars], sourced by %e`

Explanation The IP address in an HSRP message received on the interface is the same as the router's own IP address. This may be because of misconfiugration, or because of a malfunctioning switch

Recommended Action Check the configurations on all the HSRP routers, and make sure that any switches you have are functioning properly.

Error Message `HSRP_ENGINE-4-DUPVIP1: [chars] Grp [dec] address [chars] is already assigned to a HSRP group on this interface`

Explanation The HSRP virtual IP address contained in the Hello message cannot be learnt as it is already assigned to a different HSRP group.

Recommended Action Check the configuration on all HSRP routers.

Error Message `HSRP_ENGINE-4-DUPVIP2: [chars] Grp [dec] address [chars] is already assigned on this interface`

Explanation The HSRP virtual IP address contained in the Hello message cannot be learnt as it is already assigned to this interface.

Recommended Action Check the configuration on all HSRP routers.

Error Message `HSRP_ENGINE-4-DUPVIP3: [chars] Grp [dec] address [chars] is already assigned to, or overlaps with, an address on another interface or application`

Explanation The HSRP virtual IP address contained in the Hello message cannot be learnt as it is already assigned to, or overlaps with, an address on another interface or application.

Recommended Action Check the configuration on all HSRP routers.

Error Message `HSRP_ENGINE-6-ACTIVEROUTERPRIORITY: Interface [chars] [chars] Grp [dec] Active router priority changed to [dec]`

Explanation The priority of the Active router for the group has changed.

Recommended Action No action is required.

Error Message `HSRP_ENGINE-6-ACTIVE_CHANGE: Interface [chars] [chars] Grp [dec] Active router is [chars]`

Explanation The Active router for the group has changed.

Recommended Action No action is required.

Error Message `HSRP_ENGINE-6-AUTOCONFIG_VIPLEARN: Interface [chars] grp [dec] learnt autoconfig virtual ip address [chars]`

Explanation The local router has generate virtual ip address

Recommended Action No action is required.

Error Message `HSRP_ENGINE-6-GRPSTATECHANGE: Interface [chars] [chars] Grp [dec] state changed from [chars] to [chars] reason [chars]`

Explanation The HSRP router has changed state

Recommended Action No action is required.

Error Message `HSRP_ENGINE-6-MACADDRESS_CHANGE: Interface [chars] [chars] Grp [dec] mac-address changed to [chars]`

Explanation The mac address of the group has changed.

Recommended Action No action is required.

Error Message `HSRP_ENGINE-6-PRIORITY: Interface [chars] [chars] Grp [dec] priority changed to [dec]`

Explanation The current priority of the HSRP group has changed.

Recommended Action No action is required.

Error Message `HSRP_ENGINE-6-STANDBYROUTERPRIORITYCHANGE: Interface [chars] [chars] Grp [dec] Standby router priority changed to [dec]`

Explanation The priority of the Standby router for the group has changed.

Recommended Action No action is required.

Error Message `HSRP_ENGINE-6-STANDBY_CHANGE: Interface [chars] [chars] Grp [dec] Standby router is [chars]`

Explanation The Standby router for the group has changed.

Recommended Action No action is required.

Error Message `HSRP_ENGINE-6-STATECHANGE2: [chars] [chars] Grp [dec] state moving from [chars]`

Explanation The router has changed state

Recommended Action No action is required.

Error Message `HSRP_ENGINE-6-STATECHANGE: [chars] [chars] Grp [dec] state move to [chars]`

Explanation The router has changed state

Recommended Action No action is required.

Error Message `HSRP_ENGINE-6-TIMER: Interface [chars] [chars] Grp [dec] [chars] timer changed to [dec] [chars]`

Explanation The hello/hold timer value for the HSRP group has changed

Recommended Action No action is required.

Error Message `HSRP_ENGINE-6-VIPLEARN: Interface [chars] [chars] Grp [dec] learnt virtual ip address [chars]`

Explanation The local router has learnt virtual ip address from the incoming HSRP packet.

Recommended Action No action is required.

Error Message `IKE-3-CRYPTO_INIT_ERROR: IKEv2 crypto init error: [chars]`

Explanation Crypto initialization error

Recommended Action No action is required.

Error Message `IKE-3-ENABLE_ERROR: Unable to store enable flag in configuration (error-id [hex]).`

Explanation Service failed to store the enable flag in configuration. As a result, it will exit

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IKE-3-FIPS_MODE_ERROR: Could not set FIPS mode`

Explanation The FIPS mode could not be set by IKE

Recommended Action No action is required.

Error Message `IKE-3-IKE_PROGRAM_EXIT: [chars]`

Explanation IKE process did an abnormal exit

Recommended Action No action is required.

Error Message `IKE-3-MAX_HALF_CONN_LIMIT_REACHED: IKEv1 : Exceeded the limit for number of half open Phase 1 connections`

Explanation The number of half open connections has exceeded the maximum limit

Recommended Action No action is required.

Error Message `IKE-3-PHASE1_NEGOTIATION_FAILED: IKEv1: Phase 1 negotiation failed for peer [chars]`

Explanation IKE policy negotiation failed for peer [chars].

Recommended Action No action is required.

Error Message `IKE-3-PHASE1_PROPOSAL_MISMATCH: IKEv1: No matching phase 1 proposal found for peer [chars]`

Explanation There is a IKE policy mismatch for the peer.

Recommended Action No action is required.

Error Message `IKE-3-PHASE2_NEGOTIATION_FAILED: IKEv1: Phase 2 negotiation failed for peer [chars]`

Explanation IPsec policy negotiation failed for peer [chars].

Recommended Action No action is required.

Error Message `IKE-3-PHASE2_PROPOSAL_MISMATCH: IKEv1: No matching phase 2 proposal found for peer [chars]`

Explanation There is a IPsec policy mismatch for the peer.

Recommended Action No action is required.

Error Message `IKE-3-UNSUPPORTED_EXCHANGE: IKEv1: Unsupported exchange [dec] received from [chars]`

Explanation A unsupported IKE exchange type [digits] was received from [chars]

Recommended Action No action is required.

Error Message `IKE-4-INVALID_PAYLOAD_APPEAR: IKEv2 received message (from [chars]) with payload ([chars]) appeared in [chars]([chars])`

Explanation Received a payload in an inappropriate exchange

Recommended Action No action is required.

Error Message `IKE-4-MESSAGE_ERROR: IKEv2 message (from [chars]) message error: [chars]`

Explanation Received a malformed message which doesn't adhere to the protocol

Recommended Action No action is required.

Error Message `IKE-4-PARSING_ERROR: IKEv2 message (from [chars]) parsing error: [chars]`

Explanation Received a malformed message which can not be parsed appropriately

Recommended Action No action is required.

Error Message `IKE-4-UNKNOWN_PAYLOAD: IKEv2 received message (from [chars]) with un-recognized payload ([chars])`

Explanation Received an invalid payload

Recommended Action No action is required.

Error Message `IKE-4-UNSUPPORT: [chars] is not supported (message from [chars])`

Explanation Received something unsupported

Recommended Action No action is required.

Error Message `IKE-6-POLL_START_DONE: IKE is exiting since it is not enabled`

Explanation IKE is exiting since it is not enabled in the configuration

Recommended Action No action is required.

Error Message `ILC-SPAN-3-ERROR: [chars]`

Explanation Ilc_span_mgr encountered an error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `ILC_HELPER-2-NO_LICENSE_REBOOT: Linecard [dec] will reboot now.`

Explanation SSE License has expired, hence the linecard will be rebooted.

Recommended Action Install appropriate SSE license to be able to use SSM features normally

Error Message `ILC_HELPER-3-INVALID_SSI: [chars]`

Explanation The ssi boot variable is configured to an invalid image. So, the linecard will be bought online in basic mode instead of advanced SSI mode

Recommended Action Configure a proper image for the ssi boot variable

Error Message `ILC_HELPER-6-LICENSE_VALID: A valid license for linecard [dec] has been obtained`

Explanation A valid license has been obtained for the SSM

Recommended Action No action is required.

Error Message `ILC_HELPER-6-UPGRADE_DELAY: The SSI upgrade on slot [dec] is delayed by [dec] secs.`

Explanation The SSI upgrade is delayed due to the configured ssm upgrade delay command

Recommended Action No action is required.

Error Message `IMAGE_DNLD-SLOT#-2-ADDON_IMG_DNLD_FAILED: Module image download process failed. [chars]`

Explanation Addon image download to module failed. This module is not operational until an addon image has been successfully installed.

Recommended Action Verify the location and version of your module image. Use the install module cli command to download a new module image.

Error Message `IMAGE_DNLD-SLOT#-2-IMG_DNLD_COMPLETE: Module image download process. [chars]`

Explanation Image download completed. Module image is being installed.

Recommended Action No action is required.

Error Message `IMAGE_DNLD-SLOT#-2-IMG_DNLD_FAILED: Module image download process. [chars]`

Explanation Image download failed. Module may be inoperable.

Recommended Action Use show module cli command to verify the state of this module. Retry image download with install module cli command.

Error Message `IMAGE_DNLD-SLOT#-2-IMG_DNLD_FILE_SYSTEM_CHECK_ERROR: File System check failed: [chars]`

Explanation File system consistency check failed

Recommended Action File-system repair is needed using fsck

Error Message `IMAGE_DNLD-SLOT#-2-IMG_DNLD_STARTED: Module image download process. [chars]`

Explanation Image download started. Module image downloads are non-disruptive to module operation.

Recommended Action No action is required.

Error Message `IMAGE_DNLD-SLOT#-4-IMG_DNLD_FILE_SYSTEM_RECREATION: [chars]. Partition was erased and successfully recreated.`

Explanation File system checking and recreation if necessary for \/images\.

Recommended Action No action is required.

Error Message `IMAGE_DNLD-SLOT#-5-ADDON_IMG_DNLD_COMPLETE: Addon module image download process completed. [chars]`

Explanation Addon image download to module has completed.The module should now be installing this new image.

Recommended Action This message is informational only.

Error Message `IMAGE_DNLD-SLOT#-5-ADDON_IMG_DNLD_STARTED: Addon module image download process started. [chars]`

Explanation Addon image download to module has started. This is a disruptive download and this module will be inoperable until this download process is complete.

Recommended Action This message is informational only.

Error Message `IMAGE_DNLD-SLOT#-5-ADDON_IMG_DNLD_SUCCESSFUL: Addon module image download and install process successful. [chars]`

Explanation Addon image download and install to module is successful.

Recommended Action Use the show module cli command to verify the module's operational status.

Error Message `IMAGE_UPGRADE-SLOT#-2-IMAGE_UPGRADE_ERROR: [chars]`

Explanation Image Upgrade Error

Recommended Action No action is required.

Error Message `IMAGE_UPGRADE-SLOT#-4-IMAGE_UPGRADE_INFO: [chars]`

Explanation Image Upgrade Info

Recommended Action No action is required.

Error Message `IM-3-IM_LC_OFFLINE_ERROR: LC Offline could not be sent to vdc:[dec]`

Explanation LC Offline was not relayed to some vdc, so applications may not behave correctly.

Recommended Action No action is required.

Error Message `IM-3-IM_RESP_ERROR: Component [chars] opcode:[chars] in vdc:[dec] returned error:[chars]`

Explanation Some component returned an error.

Recommended Action No action is required.

Error Message `IM-3-IM_SEQ_ERROR: Error ([chars]) while communicating with component [chars] opcode:[chars] (for:[chars])`

Explanation Some component did not respond to a request in stipulated time.

Recommended Action No action is required.

Error Message `IM-5-IM_DEMUX_ERROR: [chars]`

Explanation Demux function returned error

Recommended Action No action is required.

Error Message `IM-5-IM_INTERNAL_ERROR: [chars]`

Explanation Internal error occurred

Recommended Action No action is required.

Error Message `IM-5-IM_INTF_STATE: [chars] [chars] in vdc [dec]`

Explanation Management interface state changed.

Recommended Action No action is required.

Error Message `IM-5-IM_UNKNOWN_INTERFACE: [chars]`

Explanation Interface is not supported or not found

Recommended Action No action is required.

Error Message `INTERFACE_VLAN-4-SVI_VLAN_DOES_NOT_EXIST: Vlan [dec] does not exist`

Explanation Vlan not created before assignment

Recommended Action Interface-vlan

Error Message `INTERFACE_VLAN-5-IF_DOWN_ADMIN_DOWN: Interface [chars] is down(Administratively Down)`

Explanation Interface has been configured to be administratively down

Recommended Action No action is required.

Error Message `INTERFACE_VLAN-5-IF_DOWN_ERROR_DISABLED: Interface [chars] is down. Reason [dec]`

Explanation The interface encountered an error while configuring it

Recommended Action No action is required.

Error Message `INTERFACE_VLAN-5-IF_DOWN_INACTIVE: Interface [chars] is down (Inactive)`

Explanation Interface VLAN has been suspended or deleted

Recommended Action No action is required.

Error Message `INTERFACE_VLAN-5-SVI_DISABLED: SVI Disabled`

Explanation SVI Service Disabled

Recommended Action No action is required.

Error Message `INTERFACE_VLAN-5-SVI_ENABLED: SVI Enabled`

Explanation SVI Service Enabled

Recommended Action No action is required.

Error Message `INTERFACE_VLAN-5-SVI_GET_MAC_FAILED: Failed to acquire MAC address for SVI [hex]`

Explanation SVI failed to acquire MAC address

Recommended Action No action is required.

Error Message `INTERFACE_VLAN-5-SVI_INIT: SVI intialization failed with error [hex]`

Explanation SVI initialziation error

Recommended Action No action is required.

Error Message `INTERFACE_VLAN-5-SVI_IOD_RELEASE_ERROR_RESPONSE: IM failed to release SVI IOD error [hex]`

Explanation IM failed to release SVI IOD

Recommended Action No action is required.

Error Message `INTERFACE_VLAN-5-SVI_MTS_SEND_FAILURE: MTS send failure for opcode [dec], error [hex]`

Explanation SVI encountered an error in with MTS message

Recommended Action No action is required.

Error Message `INTERFACE_VLAN-5-SVI_MTS_TIME_OUT: MTS send timed out`

Explanation SVI did not recieve response for mts message

Recommended Action No action is required.

Error Message `INTERFACE_VLAN-5-SVI_RSRVD_VLAN_FAILED: Failed to get list of reserved vlans [hex]`

Explanation SVI failed to get the list reserved vlans

Recommended Action No action is required.

Error Message `INTERFACE_VLAN-5-SVI_SDB_UPDATE_FAILED: sdb update failed with ret_val [dec]`

Explanation SDB updated failed for SVI

Recommended Action No action is required.

Error Message `INTERFACE_VLAN-5-SVI_SEC_VLAN_FAILED: Failed to get list of secondary vlans [hex]`

Explanation SVI failed to get the list of secondary vlans

Recommended Action No action is required.

Error Message `INTERFACE_VLAN-5-UPDOWN: Line Protocol on Interface [chars], changed state to [chars]`

Explanation Line protocol status changed for an interface

Recommended Action No action is required.

Error Message `IOA_LC-5-IOA_DISABLED: IOA Disabled`

Explanation IOA Service Disabled

Recommended Action No action is required.

Error Message `IOA_LC-5-IOA_ENABLED: IOA Enabled`

Explanation IOA Service nabled

Recommended Action No action is required.

Error Message `IPACL-0-EMERG: [chars]`

Explanation Ipacl caused a system failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IPACL-1-ALERT: [chars]`

Explanation Ipacl caused failures in other services

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IPACL-2-CRIT: [chars]`

Explanation Ipacl encountered a catastrophic error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IPACL-3-ERR: [chars]`

Explanation Ipacl encountered an error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IPACL-4-WARN: [chars]`

Explanation Ipacl ignored the unexpected condition

Recommended Action Please perform 'debug ipacl all', then recreate the operation scenario, to find out more details.

Error Message `IPACL-5-NOTE: [chars]`

Explanation Ipacl does not support this operation

Recommended Action Please perform 'debug ipacl all', then recreate the operation scenario, to find out more details.

Error Message `IPACL-6-INFO: [chars]`

Explanation Ipacl event occurred

Recommended Action No action is required.

Error Message `IPFC-2-ALLOC_MEMORY: Memory allocation failed`

Explanation The service failed to allocate a block of dynamic memory.

Recommended Action No action is required.

Error Message `IPFC-3-INIT_FAILED: Initialization failed. Component [chars]`

Explanation The service failed to start. The failure occurred while initializing the component [chars].

Recommended Action Show processes to check the status of the other processes, debug the specified component.

Error Message `IPFC-3-IOCTL_FAILED: IOCTL failed`

Explanation An IOCTL to the character device failed.

Recommended Action Show IPFC internal interface VSAN <number> for all the configured VSAN interfaces to check the internal status, show IPFC internal MIP to check the internal status.

Error Message `IPFC-3-PSSERROR: [chars]`

Explanation IPFC manager encountered a PSS error.

Recommended Action No action is required.

Error Message `IPFC-5-CONFIG_EVENT: VSAN interface [dec] [chars]`

Explanation The specified VSAN Interface has been successfully [chars].

Recommended Action No action is required.

Error Message `IPFC-5-STATE_CHANGE: VSAN interface [dec] [chars]`

Explanation The specified VSAN Interface is [chars].

Recommended Action No action is required.

Error Message `IPFC-6-STARTING: IP Over Fiber Channel service started`

Explanation The service has successfully started.

Recommended Action No action is required.

IPFIB Messages

This section contains the IPFIB messages.

IPFIB-4

Error Message `IPFIB-4-FIB_HW_ECMP_ADJ_CREATE_FAILURE: ECMP hardware programming failed.`

Explanation Programming of ECMP adjacency in hardware failed. Programming only one next-hop.

Recommended Action No action is required.

IPQOSMGR Messages

This section contains the IPQOSMGR messages.

IPQOSMGR-2

Error Message `IPQOSMGR-2-QOSMGR_HA_FAILURE: Failed to do high availability operation: [chars].`

Explanation Failed to do high availability operation. [chars] is the reason.

Recommended Action No action is required.

Error Message `IPQOSMGR-2-QOSMGR_INIT_FAILED: Initialization failed for QoS Manager: [chars], reason: [hex].`

Explanation Initialization failed for QoS Manager due to [chars], reason: [hex].

Recommended Action No action is required.

Error Message `IPQOSMGR-2-QOSMGR_MTS_FAILURE: Failed to do MTS operation: [chars].`

Explanation Failed to do MTS operation. [chars] is the reason.

Recommended Action No action is required.

Error Message `IPQOSMGR-2-QOSMGR_MTS_REGISTRATION_FAILED: MTS options setting to [hex] failed for opCode: [dec].`

Explanation MTS options setting to [hex] failed for opCode: [dec].

Recommended Action No action is required.

Error Message `IPQOSMGR-2-QOSMGR_PSS_FAILURE: Failed to do PSS operation: [chars], reason: [hex].`

Explanation Failed to do PSS operation [chars]. [hex] is the reason.

Recommended Action No action is required.

Error Message `IPQOSMGR-2-QOSMGR_PSS_VER_FAIL: PSS file [chars] has version [dec].[dec].[dec], expected version [dec].[dec].[dec].`

Explanation There was a mismatch in the PSS version. [chars] indicates the PSS service, [dec].[dec].[dec] its current version number and [dec].[dec].[dec] the expected version.

Recommended Action No action is required.

Error Message `IPQOSMGR-3-QOSMGR_CONFIG_ERROR: Configuration error: [chars].`

Explanation Configuration error. [chars] is the reason.

Recommended Action No action is required.

Error Message `IPQOSMGR-3-QOSMGR_PPF_ERROR: PPF library error: [chars].`

Explanation PPF library errors. [chars] is the reason.

Recommended Action No action is required.

Error Message `IPQOSMGR-4-QOSMGR_DCBXP_CMP_FAIL_MSG: warning for [chars], dce_qos config [chars] not compatible with the peer`

Explanation Dcbxp warning: Port_id [chars] has dce config [chars] which is incompatible with the peer.

Recommended Action No action is required.

Error Message `IPQOSMGR-4-QOSMGR_LC_ERROR_MSG: Linecard [dec] returned an error: [chars]`

Explanation Linecard [dec] returned an error message which is reported as [chars].

Recommended Action No action is required.

Error Message `IPQOSMGR-4-QOSMGR_LC_SESSION_ERROR_MSG: Linecard [dec] returned the following error for [chars] session: [chars].`

Explanation Linecard [dec] returned an error message for session of type [chars] which is reported as [chars]. This message may be seen during linecard reload if there is an active session going on.

Recommended Action No action is required.

Error Message `IPQOSMGR-4-QOSMGR_PPF_WARNING: PPF library warning: [chars].`

Explanation PPF library warning. [chars] is the reason.

Recommended Action No action is required.

Error Message `IPQOSMGR-4-QOSMGR_WARNING_MSG: [chars] [dec]`

Explanation QOSMGR warning messages is reported as [chars] [dec].

Recommended Action No action is required.

Error Message `IPQOSMGR-6-QOSMGR_STATUS: QOSMGR Status: [chars].`

Explanation QOSMGR status is reported as [chars].

Recommended Action No action is required.

Error Message `IPQOSMGR-SLOT#-3-QOSMGR_DPA_MSG: DPA returned error message - [chars]`

Explanation An error occured in the DPA [string] is the error message.

Recommended Action No action is required.

Error Message `IPSEC-2-IPSEC_INIT: IPSec initialization of [chars] [chars]`

Explanation IPSec initialization failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IPSEC-2-IPSEC_SPD_OVERFLOW_DUE_TO_ACL: SPD Overflow on interface due to IP ACL [chars] bound to crypto map [chars] [dec]`

Explanation Modifying IP ACL caused Security Policy Database on the interface to overflow, IP ACL filter not applied to security policy database

Recommended Action Undo IP ACL change

Error Message `IPSEC-3-14_2_MODULE_PACKETS_DROPPED: [chars]: packets were dropped in the module`

Explanation Packets dropped in the 14/2 module. Please collect drop statistics using \show ipsec internal crypto-acc interface gigabit <slot/port> stats\

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IPSEC-3-IPSEC_FIPS_TEST_FAILED: IPSEC FIPS compliance test failed`

Explanation IPSEC FIPS compliance test failed

Recommended Action No action is required.

Error Message `IPSEC-3-IPSEC_MSG_SEND_FAILURE: failed to send [chars] to sap [dec]: [chars]`

Explanation Failed to send a message

Recommended Action No action is required.

Error Message `IPSEC-5-IPSEC_CMS_IF_ACL_UPDATED: IP ACL [chars] updated while Crypto map [chars] [dec] bound to interface(s)`

Explanation IP ACL updated while it is mapped to a crypto map that is bound to interface(s)

Recommended Action No action is required.

Error Message `IPSEC-5-IPSEC_DISABLED_LIC_EXPIRED: IPSec Disabled due to License Expiry`

Explanation IPSec Disabled due to License Expiry

Recommended Action No action is required.

Error Message `IPSEC-5-IPSEC_DISABLED: IPSec Disabled`

Explanation IPSec Disabled

Recommended Action No action is required.

Error Message `IPSEC-5-IPSEC_ENABLED: IPSec Enabled`

Explanation IPSec Enabled

Recommended Action No action is required.

Error Message `IPSEC-5-IPSEC_SA_CREATED: [chars]: IPSec SA created: local_ip: [chars], peer_ip: [chars], [chars] SPI: [dec] ([hex])`

Explanation IPSec SA created

Recommended Action No action is required.

Error Message `IPSEC-5-IPSEC_SA_DELETED: [chars]: IPSec SA deleted: local_ip: [chars], peer_ip: [chars], [chars] SPI: [dec] ([hex]), reason: [chars]`

Explanation IPSec SA deleted

Recommended Action No action is required.

Error Message `IPSEC-5-IPSEC_SA_REKEYED: [chars]: IPSec SA rekeyed: local_ip: [chars], peer_ip: [chars], [chars] SPI: [dec] ([hex])`

Explanation IPSec SA rekeyed

Recommended Action No action is required.

Error Message `IPSEC-5-IPSEC_TUNNEL_CREATED: [chars]: IPSec tunnel created: local_ip: [chars], peer_ip: [chars], id: [dec], protocol: [chars], traffic:: local: [chars]/[chars], port: [chars], remote: [chars]/[chars], ports: [chars]`

Explanation IPSec tunnel created

Recommended Action No action is required.

Error Message `IPSEC-5-IPSEC_TUNNEL_DELETED: [chars]: IPSec tunnel deleted: local_ip: [chars], peer_ip: [chars], id: [dec], protocol: [chars], traffic:: local: [chars]/[chars], ports: [chars] remote: [chars]/[chars], ports: [chars]`

Explanation IPSec tunnel deleted

Recommended Action No action is required.

Error Message `IPSEC-5-IPSEC_TUNNEL_REKEYED: [chars]: IPSec tunnel rekeyed: local_ip: [chars], peer_ip: [chars], id: [dec], protocol: [chars] traffic:: local: [chars]/[chars], ports: [chars] remote: [chars]/[chars], ports: [chars]`

Explanation IPSec tunnel rekeyed

Recommended Action No action is required.

Error Message `IPS_SB_MGR-SLOT#-2-NODE_CORE_NOT_RESPONDING: [Node [dec], Core [dec]]: Not responding to heartbeats, state=[hex]`

Explanation Node is not incrementing heartbeats periodically

Recommended Action Potential node software issue. Please contact your support representative

Error Message `IPS_SB_MGR-SLOT#-2-NODE_NOT_RESPONDING: [Node [dec], Core [dec]] : Not responding to heartbeats`

Explanation Node manager is not receiving heartbeat responses from the node

Recommended Action Potential node software issue. Please contact your support representative

Error Message `IPS_SB_MGR-SLOT#-2-NODE_REIMAGE_PREPARE_FAIL: [Node [dec]]: Disk formatting failed during node install`

Explanation There was a problem during the partitioning of disk and creation of file systems during node install.

Recommended Action Potential node software issue. Please contact your support representative

Error Message `IPS_SB_MGR-SLOT#-2-PORT_SOFTWARE_FAILURE: Port software failure, module [dec] port [dec]`

Explanation The software servicing the data path on the port has failed

Recommended Action No action is required.

Error Message `IPS_SB_MGR-SLOT#-3-COMP_FAILURE: Heartbeat failure in compression engine (error [hex])`

Explanation The compression engine did not respond to heartbeats, due to some failure. SAN-OS will restart the compression engine to clear the problem.

Recommended Action No action is required.

Error Message `IPS_SB_MGR-SLOT#-3-CRYPTO_FAILURE: Heartbeat failure in encryption engine (error [hex])`

Explanation The encryption engine did not respond to heartbeats, due to some failure. SAN-OS will restart the encryption engine to clear the problem.

Recommended Action No action is required.

Error Message `IPS_SB_MGR-SLOT#-4-NODE_NOT_COMPAT_WITH_ADD_ON: svc-node[dec] image is not compatible with svclc image`

Explanation The svc image on the node is not compatible with the add on image running on the linecard.

Recommended Action Please contact your support representative

Error Message `IPS_SB_MGR-SLOT#-4-NODE_NOT_COMPAT_WITH_CURRENT: svc-node[dec] image is not compatible with current node image`

Explanation The new svc image is not compatible with the svc image currently running on the node

Recommended Action Please contact your support representative

Error Message `IPS_SB_MGR-SLOT#-4-NODE_NOT_COMPAT_WITH_SUP: svc-node[dec] image is not compatible with system image`

Explanation The svc image on the node is not compatible with the supervisor image.

Recommended Action Please contact your support representative

Error Message `IPS_SB_MGR-SLOT#-6-SBMGR_EVENT: Sbmgr event: [chars]`

Explanation This is an event log of sb_mgr relating to a port/node

Recommended Action No action is required.

Error Message `IPS-2-ISCSI_IPS_INIT: IPS initialization of [chars] [chars]`

Explanation IPS initialization failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IPS-3-FCIP_FTA_ACCEL_CHAIN_ABORTED: Exch Aborted FC oxid [hex] My oxid [hex] State [chars] Event [chars] CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec] (Internal [hex]:[hex])`

Explanation FTA Exch being aborted

Recommended Action Informational no action required

Error Message `IPS-3-FCIP_FTA_DATA_SENSE: Sense data with ERA [hex] sent to CH FCID: [hex] CHI: [hex] from FCIP CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]`

Explanation Sense data with ERA sent

Recommended Action SYSLOGDOC_CONTACT_TAC

Error Message `IPS-3-FCIP_FTA_ERA_35: ERA [hex] presented to CH FCID: [hex] CHI: [hex] from FCIP CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]`

Explanation FCIP got an ERA 35

Recommended Action SYSLOGDOC_CONTACT_TAC

Error Message `IPS-3-FCIP_FTA_ERA_38: ERA 0x38 received CH FCID: [hex] CHI: [hex] from FCIP CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec] at tape capacity: [dec] MB`

Explanation FCIP got an ERA 38

Recommended Action SYSLOGDOC_CONTACT_TAC

Error Message `IPS-3-FCIP_FTA_LOCATE_RBID_MISMATCH: Permanent Error due to Locate RBID Mismatch, CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]`

Explanation FCIP-FTA got a Permanent Error

Recommended Action Informational no action required

Error Message `IPS-3-FCIP_FTA_PERM_ERR: Permanent Error, ERA [hex] rcvd CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec] sense_byte[2,6]: [[hex], [hex]]`

Explanation FCIP-FTA got a Permanent Error

Recommended Action Informational no action required

Error Message `IPS-3-FCIP_FTA_RETRY_ERROR: [chars] retries [dec] FC oxid [hex] My oxid [hex] State [chars] Event [chars] CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]`

Explanation FTA Command timed out

Recommended Action Informational no action required

Error Message `IPS-3-IPS_CRYPTO_FIPS_FAILED: IPS module [dec] has failed FIPS tests. FIPS info - [chars]`

Explanation FIPS error occurred in the IPS module.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IPS-3-IPS_EGRESS_PERR: Parity error on dma-bridge egress. Count: [dec]`

Explanation Parity error occured in dma-bridge egress direction.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IPS-3-IPS_FIPS_TEST_FAILED: IPS FIPS compliance test failed`

Explanation IPS FIPS compliance test failed

Recommended Action No action is required.

Error Message `IPS-3-IPS_INGRESS_PERR: Parity error on dma-bridge ingress. Count: [dec]`

Explanation Parity error occured in dma-bridge ingress direction.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IPS-3-ISLB_CFS_CLEAR_FAILED: [chars]`

Explanation An error occurred while clearing the CFS lock. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IPS-3-ISLB_CFS_COMMIT_FAILED: [chars]; [chars]`

Explanation An error occurred while commiting the cfs config data. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IPS-3-ISLB_CFS_CONFIG_FAILED: [chars]; [chars]`

Explanation An error occurred while distributing the CFS config data. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IPS-3-ISLB_CFS_LOCK_FAILED: [chars]`

Explanation An error occurred while acquiring the CFS lock. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IPS-3-ISLB_CFS_MERGE_ACTIVATION_FAILED: [chars]; [chars]`

Explanation An error occurred while activating merged configuration. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IPS-3-ISLB_CFS_MERGE_CLEARED: [chars]`

Explanation Merge cleared, reason: [chars]

Recommended Action No action is required.

Error Message `IPS-3-ISLB_CFS_MERGE_COMMIT_FAILED: [chars]; [chars]`

Explanation An error occurred while commiting the cfs merge config data. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IPS-3-ISLB_CFS_MERGE_CONFIG_FAILED: [chars]; [chars]`

Explanation An error occurred while distributing the CFS merge config data. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IPS-3-ISLB_CFS_MERGE_FAILED: [chars]; [chars]`

Explanation An error occurred while merging the iSLB CFS fabrics. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_MERGE_PRECOMMIT_FAILED: [chars]; [chars]

Explanation An error occurred while precommiting merge data. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_MERGE_REQ_REJECTED: [chars]

Explanation Merge requested rejected, reason: [chars]

Recommended Action No action is required.

Error Message IPS-3-ISLB_CFS_MERGING_CONFIG_DB_FAILED: [chars]; [chars]

Explanation An error occurred while merging the config data. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_PRECOMMIT_FAILED: [chars]; [chars]

Explanation An error occurred while precommiting data. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_PWWN_RESV_CLAIM_FAILED: [chars]

Explanation PWWN reservation claim failed. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_PWWN_RESV_RELEASE_FAILED: [chars]

Explanation PWWN reservation release failed. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_UNLOCK_FAILED: [chars]

Explanation An error occurred while releasing the CFS lock. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IPS-3-ISLB_CFS_VRRP_DIST_FAILED: [chars]`

Explanation An error occurred while distributing the VRRP CFS runtime data. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IPS-3-ISLB_ZONE_ACTIVATION_FAILED: iSLB zoneset activation returned [hex] for VSAN [dec]`

Explanation ISLB zoneset activation failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IPS-3-ISLB_ZONE_ACTIVATION_RETRY: iSLB zoneset activation returned [hex] for VSAN [dec]`

Explanation ISLB zoneset activation failed. Zone server busy.

Recommended Action Retry the iSLB zonest activation.

Error Message `IPS-3-ISLB_ZONE_NO_ACTIVE_ZONESET: iSLB zoneset activation returned [hex] for VSAN [dec]`

Explanation ISLB zoneset activation failed. No active zoneset.

Recommended Action Activate a zoneset in the specified VSAN and retry

Error Message `IPS-4-FCIP_FTA_CFG_MISMATCH: [chars]: Mismatch in FCIP Ficon Tape Acceleration configuration with peer`

Explanation The FCIP Ficon Tape Acceleration configuration does not match with peer's configuration

Recommended Action Fix the FCIP Ficon Tape Acceleration configuration to be consistent with the peer

Error Message `IPS-4-FCIP_FTA_VSAN_UPDATE_WARNING: FCIP FICON tape acceleration VSAN update had an error ([chars]) on interface [chars] causing a flap of the interface`

Explanation The FCIP FICON tape acceleration VSAN configuration experienced an error when disabling and enabling the VSAN over the FCIP tunnel. The FCIP tunnel was disabled and re-enabled as a result of this error to ensure data integrity.

Recommended Action No action is required.

Error Message `IPS-4-FCIP_LICENSE_BIND_FAILED: Bind failed for [chars] due to [chars] for license failure; configuration accepted but bind failed`

Explanation The FCIP configuration was accepted, but the FCIP interface did not bind to a physical interface because the appropriate license was not available. If a license becomes available in the future, this FCIP interface will bind to a physical interface automatically.

Recommended Action Check the license state with show license usage and acquire the necessary FCIP license

Error Message `IPS-4-FCIP_XRCE_LICENSE_FAILED: XRC Acceleration deactivated due to license failure`

Explanation The XRC Acceleration configuration was accepted, but will remain inactive until a valid license is available. When the appropriate license is installed, XRC accelaration will be activated.

Recommended Action Check the license state with show license usage and acquire the necessary XRC_ACCL license

Error Message `IPS-4-FCIP_XRCE_LICENSE_INSTALLED: XRC Acceleration activated due to valid license`

Explanation The XRC Acceleration configuration is activated as a valid license has been installed.

Recommended Action No action is required.

Error Message `IPS-5-FCIP_BIND_FAILED: Bind failed for [chars] due to [chars] for [chars]`

Explanation FCIP/ISCSI Interface bind to Ethernet port failed

Recommended Action No action is required.

Error Message `IPS-5-FCIP_BPORT_KEEPALIVES_NOT_SUPPORTED: Bport Keepalives not supported for FCIP [chars]`

Explanation Bport Keepalives not supported in this release

Recommended Action Informational no action required

Error Message `IPS-5-FCIP_BPORT_NOT_SUPPORTED: Bport not supported for FCIP [chars]`

Explanation Bport not supported in this releas

Recommended Action Informational no action required

Error Message `IPS-5-FCIP_FTA_ALREADY_OFF: FTA Already Off, [chars] VSAN: [dec]`

Explanation FTA Already Off

Recommended Action Informational no action required

Error Message `IPS-5-FCIP_FTA_ALREADY_ON: FTA Already ON, [chars] VSAN: [dec]`

Explanation FTA Already ON

Recommended Action Informational no action required

Error Message `IPS-5-FCIP_FTA_CB_DOWN: FTA [chars] is DOWN`

Explanation FTA is DOWN

Recommended Action Informational no action required

Error Message `IPS-5-FCIP_FTA_CB_UP: FTA [chars], is UP`

Explanation FTA is UP

Recommended Action Informational no action required

Error Message `IPS-5-FCIP_FTA_DISBAND_GRP_CMD: Disband Group message processed PGID: [chars] CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]`

Explanation FCIP Disbanded a Group

Recommended Action Informational no action required

Error Message `IPS-5-FCIP_FTA_EST_GRP_CMD: Path Group establised for PGID: [chars] CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]`

Explanation FCIP established a Path Group

Recommended Action Informational no action required

Error Message `IPS-5-FCIP_FTA_NPORT_PATH_RSCN_CLNUP_PASS1: RSCN Cleanup Pass1 [chars] FCID1: [hex] FCID2: [hex] VSAN: [dec]`

Explanation Doing RSCN Cleanup, Pass 1

Recommended Action Informational no action required

Error Message `IPS-5-FCIP_FTA_NPORT_PATH_RSCN_CLNUP_PASS2: RSCN Cleanup Pass2 [chars] FCID1: [hex] FCID2: [hex] VSAN: [dec]`

Explanation Doing RSCN Cleanup, Pass 2

Recommended Action Informational no action required

Error Message `IPS-5-FCIP_FTA_READ_ACCEL_STARTED: Read Acceleration started for CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]`

Explanation FCIP-FTA Read Acceleration started

Recommended Action Informational no action required

Error Message `IPS-5-FCIP_FTA_READ_ACCEL_STOPPED: Read Acceleration stopped for CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec] due to [chars] after [dec] MB writes`

Explanation FCIP-FTA Read Acceleration stopped

Recommended Action Informational no action required

Error Message `IPS-5-FCIP_FTA_RESIGN_GRP_CMD: Resign group processed for PGID: [chars] CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]`

Explanation FCIP Resigned a Group

Recommended Action Informational no action required

Error Message `IPS-5-FCIP_FTA_RESP_3490: 3490 device discovered by FCIP CH FCID: [hex] CHI: [hex] device at CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]`

Explanation Device type discovered is 3490

Recommended Action Informational no action required

Error Message `IPS-5-FCIP_FTA_RESP_3590: 3590 device discovered by FCIP CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]`

Explanation Device type discovered is 3590

Recommended Action Informational no action required

Error Message `IPS-5-FCIP_FTA_RESP_NOT_TAPE: Non-tape device discovered by FCIP CH FCID: [hex] CHI: [hex] device at CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]`

Explanation FCIP discovered a non-tape device

Recommended Action Informational no action required

Error Message `IPS-5-FCIP_FTA_TURN_OFF_LAST_VSAN: FTA turned off for the Last VSAN, [chars] VSAN: [dec]`

Explanation FTA turned off for the Last Vsan

Recommended Action Informational no action required

Error Message `IPS-5-FCIP_FTA_TURN_OFF_NONLAST_VSAN: FTA turned off for the Non-Last VSAN, [chars] VSAN: [dec]`

Explanation FTA turned off for the Non-Last Vsan

Recommended Action Informational no action required

Error Message `IPS-5-FCIP_FTA_TURN_ON: Turn ON FTA, [chars] VSAN: [dec]`

Explanation FTA turned ON

Recommended Action Informational no action required

Error Message `IPS-5-FCIP_FTA_WARNING: FTA Warning :[chars]`

Explanation Generic FTA Warning

Recommended Action Informational no action required

Error Message `IPS-5-FCIP_FTA_WRITE_ACCEL_STARTED: Write Acceleration started for CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]`

Explanation FCIP-FTA Write Acceleration started

Recommended Action Informational no action required

Error Message `IPS-5-FCIP_FTA_WRITE_ACCEL_STOPPED: Write Acceleration stopped for CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec] due to [chars] after [dec] MB writes`

Explanation FCIP-FTA Write Acceleration stopped

Recommended Action Informational no action required

Error Message `IPS-5-FCIP_FTRA_CFG_MISMATCH: [chars]: Mismatch in FCIP FICON Tape Read Accelerator configuration with peer`

Explanation The FCIP FICON Tape Read Accelerator configuration does not match with peer's configuration

Recommended Action Fix the FCIP FICON Tape Read Accelerator configuration to be consistent with the peer

Error Message `IPS-5-FCIP_IF_CR_DEL: Interface [chars] [chars]`

Explanation FCIP Interface was Created or Deleted

Recommended Action No action is required.

Error Message `IPS-5-FCIP_MODE1_CHANGED_TO_MODE2: Changing mode1 compression to mode2 for [chars], on a MSM/SSN-16 linecard`

Explanation Change mode1 compression to mode2 on a MSM/SSN-16 linecard

Recommended Action Informational no action required

Error Message `IPS-5-FCIP_NUM_TCP_CONNS_MISMATCH: [chars]: configured for 2 tcp connections but currently operating with 1 connection`

Explanation Number of configured tcp connections don't match number of connections currently up

Recommended Action No action is required.

Error Message `IPS-5-FCIP_PEER_CAVIUM: Peer FCIP [chars] is a MSM/SSN-16 linecard`

Explanation Peer linecard is a MSM/SSN-16

Recommended Action Informational no action required

Error Message `IPS-5-FCIP_PEER_NON_CAVIUM: Peer FCIP [chars] is a non MSM/SSN-16 linecard`

Explanation Peer linecard is non MSM/SSN-16

Recommended Action Informational no action required

Error Message `IPS-5-FCIP_RA_CFG_MISMATCH: [chars]: Mismatch in FCIP Tape Read Acceleration capability with peer`

Explanation The FCIP Tape Read Acceleration capability does not match with peer's configuration

Recommended Action Fix the FCIP Tape Read Acceleration capability to be consistent with the peer

Error Message `IPS-5-FCIP_SF_NOT_SUPPORTED: Special-Frame not supported for FCIP [chars]`

Explanation Spl-Frame not supported in this release

Recommended Action Informational no action required

Error Message `IPS-5-FCIP_TA_CFG_MISMATCH: [chars]: Mismatch in FCIP Tape Acceleration configuration with peer`

Explanation The FCIP Tape Acceleration configuration does not match with peer's configuration

Recommended Action Fix the FCIP Tape Acceleration configuration to be consistent with the peer

Error Message `IPS-5-FCIP_TA_ITL_MISMATCH: [chars]: Mismatch in FCIP Write/Tape Acceleration software capability with peer`

Explanation The FCIP Write/Tape Acceleration software capability does not match with peer's software capability

Recommended Action Fix the FCIP software to be consistent with the peer

Error Message `IPS-5-FCIP_TSTAMP_CHK_FAILED: [chars]: Timestamp check failed on ingressing frames`

Explanation Timestamp between local and remote side exceeds the configured tolerance

Recommended Action No action is required.

Error Message `IPS-5-FCIP_UNBIND_FAILED: UNBIND failed for [chars] due to [chars] for [chars]`

Explanation FCIP/ISCSI Interface UNBIND from Ethernet port failed

Recommended Action No action is required.

Error Message `IPS-5-FCIP_WA_CFG_MISMATCH: [chars]: Mismatch in FCIP Write Acceleration configuration with peer`

Explanation The FCIP Write Acceleration configuration does not match with peer's configuration

Recommended Action Fix the FCIP Write Acceleration configuration to be consistent with the peer

Error Message `IPS-5-FCIP_WA_XFER_RDY_ERR: [chars]: FCIP Write Acceleration received XFER-RDY after exhcange cleanup. Host [hex] Target [hex]`

Explanation FCIP Write/Tape Acceleration received XFER-RDY after exchange cleanup

Recommended Action No action is required.

Error Message `IPS-5-FCIP_XRCE_CFG_MISMATCH: [chars]: Mismatch in FCIP XRC Emulator configuration with peer`

Explanation The FCIP XRC Emulator configuration does not match with peer's configuration

Recommended Action Fix the FCIP XRC Emulator configuration to be consistent with the peer

Error Message `IPS-5-IPS_IPACL_LOG_MSG: [chars]`

Explanation Details of the packet dropped due to ACLs

Recommended Action No action is required.

Error Message `IPS-5-IPS_MGR_FEATURE_ENABLE: ips:[dec] iscsi:[dec] fcip:[dec] iscsi-intf-vsan:[dec] ips-lc:[dec]`

Explanation IPS Manager feature enabled/disabled

Recommended Action No action is required.

Error Message `IPS-5-IPS_TCP_PORT_IN_USE: Cannot bringup interface [chars], local port already in use`

Explanation FCIP and iSCSI interface are trying to use the same local port, please use different ports

Recommended Action No action is required.

Error Message `IPS-5-ISCSI_BAD_DATA_DIGEST_CRC: iSCSI ingress data digest error from initiator [chars] alias [chars] S_ID [hex] to D_ID [hex]`

Explanation ISCSI Ingress Data Digest CRC failed

Recommended Action No action is required.

Error Message `IPS-5-ISCSI_CONN_DOWN_BATCH: [chars]: [dec] iSCSI sessions failed in last [chars], reason: [chars]`

Explanation Number of iSCSI session down during the last time interval

Recommended Action No action is required.

Error Message `IPS-5-ISCSI_CONN_DOWN: [chars]: iSCSI session down from initiator [chars] alias [chars] ip [chars] to target [chars], reason: [chars]`

Explanation ISCSI session goes down

Recommended Action No action is required.

Error Message `IPS-5-ISCSI_CONN_UP: [chars]: iSCSI session up from initiator [chars] alias [chars] ip [chars] to target [chars]`

Explanation ISCSI session comes up and reaches Full-Feature phase

Recommended Action No action is required.

Error Message `IPS-5-ISCSI_PORT_FAILOVER: [chars]: iSCSI initiator [chars] alias [chars] ip [chars] target [chars]. FC session failed over to port [chars]`

Explanation FC session for the iSCSI session failed over to newly active port

Recommended Action No action is required.

Error Message `IPS-5-ISCSI_SB_GET_TGT: iSCSI SB get [dec] targets, initiator [chars] alias [chars] ip [chars]`

Explanation ISCSI FCNS query response

Recommended Action No action is required.

Error Message `IPS-5-ISCSI_SESSION_CREATE_FAILURE: [chars]: iSCSI Session initiator [chars] target [chars] create failed. [chars]`

Explanation ISCSI Session Create failed

Recommended Action No action is required.

Error Message `IPS-5-ISCSI_SESSION_CREATE_REDIRECT: [chars]: iSCSI Session initiator [chars] target [chars] redirected to [chars]/[chars]`

Explanation ISCSI Session Create redirected

Recommended Action No action is required.

Error Message `IPS-5-ISCSI_SESSION_REDIRECT_TIMEOUT: iSCSI Session initiator [chars] to [chars] redirected to [chars] timeout`

Explanation ISCSI Session Redirect timeout

Recommended Action No action is required.

Error Message `IPS-5-ISLB_CFS_SESSION_CLEARED: CFS Session Cleared`

Explanation CFS Session Cleared by user

Recommended Action No action is required.

Error Message `IPS-5-PORT_IPCFG_FAILED: Cannot configure IP address for interface [chars]`

Explanation Cannot configure IPS port IP address

Recommended Action No action is required.

Error Message `IPS-5-SB_MGR_CORE_FAILED: Ethernet Processing core [chars] failed due to [chars]`

Explanation Ethernet Processing Core failed

Recommended Action No action is required.

Error Message `IPS-5-SFRAME_ENTITY_ID_MISMATCH: [chars]: special frame profile ID mismatch`

Explanation Special frame received and destination profile ID does not match local profile ID

Recommended Action No action is required.

Error Message `IPS-5-SFRAME_FABRIC_WWN_MISMATCH: [chars]: special frame fabric wwn mismatch`

Explanation Special frame received and source/destination fabric wwn does not match local destination/ source fabric wwn

Recommended Action No action is required.

Error Message `IPS-5-SFRAME_IF_ADMIN_DOWN: [chars]: special frame received if down`

Explanation Special frame received and interface is admin down

Recommended Action No action is required.

Error Message `IPS-5-SFRAME_IF_NOT_ENABLED: [chars]: special frame not enabled`

Explanation Special frame received and interface special frame configuration is disabled

Recommended Action No action is required.

Error Message `IPS-5-SFRAME_INVALID_NONCE: [chars]: special frame response has invalid nonce for FCIP`

Explanation Special frame response has a different nonce than was originally sent in the special frame

Recommended Action No action is required.

Error Message `IPS-5-SFRAME_NOT_RECV: [chars]: special frame was not received by passive-side FCIP`

Explanation Special frame was not received by the passive-side of the FCIP TCP tunnel within given time period

Recommended Action No action is required.

Error Message `IPS-5-SFRAME_RESP_MISMATCH: [chars]: special frame response has byte mismatch for FCIP`

Explanation Special frame response has a mismiatch in one of the bytes from what was sent from the FCIP special frame sender

Recommended Action No action is required.

Error Message `IPS-5-SFRAME_RESP_NOT_RECV: [chars]: special frame response was not received by active-side FCIP`

Explanation Special frame response was not received by the active-side of the FCIP TCP tunnel within given time period

Recommended Action No action is required.

Error Message `IPS-7-ISCSI_FCNS_QUERY_REQ: return [hex], wait [dec], VSAN [dec], Init: [chars]`

Explanation ISCSI FCNS query

Recommended Action No action is required.

Error Message `IPS-7-ISCSI_FCNS_QUERY_RESP: result [hex], [dec] targets, wait [dec], Init: [chars]`

Explanation ISCSI FCNS query response

Recommended Action No action is required.

Error Message `IPS-7-ISCSI_NEW_FCNS_QUERY_REQ: return [hex], VSANs [chars], Init: [chars]`

Explanation ISCSI FCNS query

Recommended Action No action is required.

Error Message `IPS-7-ISCSI_NEW_FCNS_QUERY_RESP: result [hex], [dec] entries, [dec] targets, [dec] total targets Init: [chars]`

Explanation ISCSI FCNS query response

Recommended Action No action is required.

Error Message `IPS-7-ISNS_SVR_ERR_RESPONSE: iSNS server returned following error code on iSNS request for interface [chars] : [dec]`

Explanation ISNS server returned an error for register/deregister request. For select error codes iSNS client would retry and re-register all target nodes corresponding to the interface

Recommended Action No action is required.

Error Message `IPV6-2-ALLOC_MEMORY: Memory allocation failed`

Explanation The IP Configuration Manager failed to allocate a block of dynamic memory.

Recommended Action No action is required.

Error Message `IPV6-3-FILE_WRITE_FAILED: Writing to file [chars] failed - error: [chars]`

Explanation Writing to a file failed probably due to no space.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `IPV6-3-INIT_FAILED: Initialization failed. Component [chars]`

Explanation The service failed to start. The failure occurred while initializing the component [chars].

Recommended Action Show processes to check the status of the other processes, debug the specified component.

Error Message `IPV6-4-DAD_FAILED_EVENT: Duplicate address detection failed for [chars] on [chars]`

Explanation Duplicate address detection for IP address failed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `IPV6-6-CONFIG_EVENT: IP Configuration Msg: [chars]`

Explanation Configuration message that needs to be logged.

Recommended Action No action is required.

Error Message `IPV6-6-INTERFACE_DELETED: The interface [chars] has been deleted`

Explanation The specified interface has been deleted. The service will delete all the configuration on that interface.

Recommended Action No action is required.

Error Message `IPV6-6-INTERFACE_EVENT: IP address [chars] [chars] on interface [chars]`

Explanation The IP address [chars] has been successfully [chars] on the interface [chars].

Recommended Action No action is required.

Error Message `IPV6-6-ROUTE_NOT_ACTIVE: The [chars] is not active`

Explanation The specified route is successfully configured but currently is not active.

Recommended Action Check that the route is correct and the outgoing interface is operationally up.

Error Message `IPV6-6-STARTING: IP configuration Manager started`

Explanation The IP Configuration Manager service has successfully started.

Recommended Action No action is required.

Error Message `IP-2-ALLOC_MEMORY: Memory allocation failed`

Explanation The IP Configuration Manager failed to allocate a block of dynamic memory.

Recommended Action No action is required.

Error Message `IP-3-FILE_WRITE_FAILED: Writing to file [chars] failed - error: [chars]`

Explanation Writing to a file failed probably due to no space.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `IP-3-INIT_FAILED: Initialization failed. Component [chars]`

Explanation The service failed to start. The failure occurred while initializing the component [chars].

Recommended Action Show processes to check the status of the other processes, debug the specified component.

Error Message `IP-4-DAD_FAILED_EVENT: Duplicate address detected for [chars] on [chars]`

Explanation Duplicate address detected for IP address.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `IP-6-CONFIG_EVENT: IP Configuration Msg: [chars]`

Explanation Configuration message that needs to be logged.

Recommended Action No action is required.

Error Message `IP-6-INTERFACE_DELETED: The interface [chars] has been deleted`

Explanation The specified interface has been deleted. The service will delete all the configuration on that interface.

Recommended Action No action is required.

Error Message `IP-6-INTERFACE_EVENT: IP address [chars] [chars] on interface [chars]`

Explanation The IP address [chars] has been successfully [chars] on the interface [chars].

Recommended Action No action is required.

Error Message `IP-6-ROUTE_NOT_ACTIVE: The [chars] is not active`

Explanation The specified route is successfully configured but currently is not active.

Recommended Action Check that the route is correct and the outgoing interface is operationally up.

Error Message `IP-6-STARTING: IP configuration Manager started`

Explanation The IP Configuration Manager service has successfully started.

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-0-INVISTA_EMERG: [chars]`

Explanation Isapi-invista software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-0-MSM_EMERG: [chars]`

Explanation Isapi software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-0-NSP_EMERG: [chars]`

Explanation Isapi-nsp software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-0-SSM_EMERG: [chars]`

Explanation Isapi software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-0-SSN_EMERG: [chars]`

Explanation Isapi software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-1-INVISTA_ALERT: [chars]`

Explanation Isapi-invista software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-1-MSM_ALERT: [chars]`

Explanation Isapi software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-1-NSP_ALERT: [chars]`

Explanation Isapi-nsp software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-1-SSM_ALERT: [chars]`

Explanation Isapi software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-1-SSN_ALERT: [chars]`

Explanation Isapi software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-2-INVISTA_CRIT: [chars]`

Explanation Isapi-invista software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-2-MSM_CRIT: [chars]`

Explanation Isapi software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-2-NSP_CRIT: [chars]`

Explanation Isapi-nsp software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-2-SSM_CRIT: [chars]`

Explanation Isapi software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-2-SSN_CRIT: [chars]`

Explanation Isapi software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-3-INVISTA_ERROR: [chars]`

Explanation Isapi-invista software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-3-MSM_ERROR: [chars]`

Explanation Isapi software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-3-NSP_ERROR: [chars]`

Explanation Isapi-nsp software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-3-SSM_ERROR: [chars]`

Explanation Isapi software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-3-SSN_ERROR: [chars]`

Explanation Isapi software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-4-INVISTA_WARN: [chars]`

Explanation Isapi-invista software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-4-MSM_WARN: [chars]`

Explanation Isapi software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-4-NSP_WARN: [chars]`

Explanation Isapi-nsp software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-4-SSM_WARN: [chars]`

Explanation Isapi software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-4-SSN_WARN: [chars]`

Explanation Isapi software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-5-INVISTA_NOTICE: [chars]`

Explanation Isapi-invista software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-5-MSM_NOTICE: [chars]`

Explanation Isapi software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-5-NSP_NOTICE: [chars]`

Explanation Isapi-nsp software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-5-SSM_NOTICE: [chars]`

Explanation Isapi software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-5-SSN_NOTICE: [chars]`

Explanation Isapi software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-6-INVISTA_INFO: [chars]`

Explanation Isapi-invista software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-6-MSM_INFO: [chars]`

Explanation Isapi software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-6-NSP_INFO: [chars]`

Explanation Isapi-nsp software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-6-SSM_INFO: [chars]`

Explanation Isapi software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-6-SSN_INFO: [chars]`

Explanation Isapi software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-7-INVISTA_DEBUG: [chars]`

Explanation Isapi-invista software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-7-MSM_DEBUG: [chars]`

Explanation Isapi software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-7-NSP_DEBUG: [chars]`

Explanation Isapi-nsp software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-7-SSM_DEBUG: [chars]`

Explanation Isapi software messages

Recommended Action No action is required.

Error Message `ISAPI-SLOT#-7-SSN_DEBUG: [chars]`

Explanation Isapi software messages

Recommended Action No action is required.

Error Message `ISNS-2-ISNS_CFS_OPERATION_FAILED: iSNS CFS [chars] failed`

Explanation ISNS CFS operation failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `ISNS-2-ISNS_INIT: iSNS initialization of [chars] [chars]`

Explanation ISNS initialization failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IVR-2-AUTOLEARN_ACTION_FAIL: failure happens during constructing virtual dynamic pfcid table`

Explanation This can happen if failure happens during building, distributing or committing the virtual dynamic pfcid table

Recommended Action Please 1. check the fabric connection or 2. check current virtual user-configured pfcid entries and internally assigned virtual fcid entries for possible conflict

Error Message `IVR-2-AUTOLEARN_FEATURE_NOT_SUPPORT: some switches:[chars] don't support autolearn`

Explanation This can happen if some switches doesn't support the virtual pfcid autolearn feature

Recommended Action Please upgrade the unsupported switches

Error Message `IVR-2-CFS_PEER_LOST_WITHIN_SESSION: CFS peer with switch wwn [chars] was lost in the middle of an active CFS session. Abort the CFS session and re-enter the configuration changes`

Explanation Due to port flaps, link outages, switch restart etc. a CFS peer switch of IVR was lost. The current configuration changes would not be applied to this peer until the peer merges with this switch. The CFS merge may fail if the configuration at the lost peer conflicts with the changes made in this session. Also, IVR auto topology could be out of sync. with this peer. It is recommended that the user abort this CFS session using ivr abort command and then re-enter the configuration changes.

Recommended Action No action is required.

Error Message `IVR-2-DEVICE_FCID_REWRITE_FAILURE: Failure while programming FCID rewrite entries for pWWN [chars] on incoming VSAN [dec]. Device may not be able to communicate with its peer devices, failure reason code: [hex]`

Explanation Failed to program FCID rewrite entries probably because the hardware ran out of FCID rewrite entries. This can happen if there are too many devices in Inter-VSAN zone or too many local VSANs in VSAN topology

Recommended Action Reduce the number of devices involved in IVR in the active IVR zoneset. Also, reduce the number of redundant transit VSANs, if any

Error Message `IVR-2-DEVICE_STATE_INCOMPATIBLE_WITH_NAT_MODE: State for device with port WWN [chars] could not be restored because it was incompatible with the current NAT mode([dec]). This probably happened because NAT mode was modified without completely deactivating the active IVR zoneset`

Explanation This probably happened because NAT mode was modified without completely deactivating the active IVR zoneset

Recommended Action The switch needs to be rebooted

Error Message `IVR-2-DEVICE_VSAN_REWRITE_FAILURE: Failure while programming VSAN rewrite entries for pWWN [chars] on incoming VSAN [dec]. Device may not be able to communicate with its peer devices`

Explanation Failed to program VSAN rewrite entries probably because the hardware ran out of VSAN rewrite entries. This can happen if there are too many devices in Inter-VSAN zone or too many local VSANs in VSAN topology

Recommended Action Reduce the number of domains involved in IVR by moving the members of active IVR zoneset to fewer switches. Also, reduce the number of redundant transit VSANs, if any

Error Message `IVR-2-INTEROP_MODE_2_OR_3_BF_FAILED: [chars] VSAN [dec] Virtual Domain [chars]`

Explanation Build Fabric (BF) failed in VSAN [dec]. The BF was initiated in order to remove an unused virtual domain [dec] from the fcdomain list in that VSAN. The virtual domain still remains in the fcdomain list and hence it would not be available in that VSAN for assignment.

Recommended Action Perform a manual build fabric using fcdomain's interface if you would like to remove the unused virtual domain(s) from the fcdomain list.

Error Message `IVR-2-INTEROP_MODE_2_OR_3_RDI_FAILED: VSAN [dec], requested domain [chars], received domain [chars] sWWN [chars]. Return Code [chars]`

Explanation Request Domain Identifier (RDI) command to allocate virtual domain [dec] failed in VSAN [dec]. Received another domain [chars] instead. IVR-members connected to third-party switch may not participate in IVR communications. It is likely that the domain requested in the RDI command is already in use.

Recommended Action Reassign the domains so that the domain requested via RDI does not overlap with any existing domain in that VSAN.

Error Message `IVR-2-IVR_DISABLE_FAILED: Inter-VSAN Routing disable failed for reason: [chars]`

Explanation Inter-VSAN Routing disable failed for reason: [chars]. Cleanup might not have completed

Recommended Action Deactivate ivr zoneset and disable ivr again. If that fails, then the ivr process would terminate itself in 5 minutes

Error Message `IVR-2-IVZS_ACTIVATION_FAILED_RETRYING: Inter-VSAN zoneset activation failed in VSAN [dec] : [chars]. retrying after [dec] seconds`

Explanation Inter-VSAN zoneset activation failed in VSAN [dec] : [chars]. This could be an intermittent regular zoneset activation error. The activation will be retried in [dec] seconds.

Recommended Action No action is required.

Error Message `IVR-2-NO_LICENSE_SHUTDOWN: Inter-VSAN Routing is shutting down.`

Explanation License required for continued IVR operation is not available. Hence IVR is shutting down

Recommended Action Install appropriate license for IVR services and then enable IVR again.

Error Message `IVR-2-NO_LICENSE_WARNING: Inter-VSAN Routing would shutdown in [dec] seconds.`

Explanation License required for continued IVR operation is not available. Unless the required license is installed IVR would shutdown in [dec] seconds. IVR configurations would be lost.

Recommended Action Install appropriate license for IVR services to continute to operate uninterrupted within [dec] seconds

Error Message `IVR-2-PERSISTENT_VIRTUAL_FCID_CONFLICT_WITH_AUTOLEARN: Persistent virtual fcid and dynamic pfcid entries`

Explanation This can happen if conflict happens during persistent virtual domain, or virtual fcid entry configuration.

Recommended Action Please assign a non-conflict persistent virtual domain or fcid entry with current dynamic entries

Error Message `IVR-2-PERSISTENT_VIRTUAL_FCID_UNAVAILABLE: to vsan [dec] because the configured persistent virtual domain/fcid could not be assigned`

Explanation This can happen if the virtual domain/fcid configured by the user is - a) Already in use (either by IVR or a real switch) b) Not allowed due to interop mode or allowed domain list

Recommended Action Please make sure that the configured virtual domain/fcid is allowed and available for use

Error Message `IVR-2-VIRTUAL_DOMAIN_CONFLICT: In VSAN [dec] virtual domain [dec] from native VSAN [dec] conflicts with native VSAN [dec] for the same virtual domain`

Explanation Currently advertised virtual domain [dec] in VSAN [dec] is native to VSAN [dec]. This switch has learned of a device that is member of active IVR zone and has the same domain ID, but belongs to a different native VSAN. This device would not be advertised in that VSAN until the domain conflict is resolved.

Recommended Action No action is required.

Error Message `IVR-2-VIRTUAL_FCID_UNAVAILABLE: to vsan [dec] because the internally generated FCID conflicts with fcid assigned to WWN [chars]. Please configure fcid for WWN [chars] too`

Explanation This can happen if the virtual domain/fcid internally configured is already in use by another active device

Recommended Action Please assign a different persistent virtual fcid by CLI command

Error Message `IVR-3-AAM_MODE_CANNOT_CHANGE: AAM mode cannot be changed. Might cause the fabric NAT mode inconsistency`

Explanation Could be caused by ivr NAT is not enable

Recommended Action No action is required.

Error Message `IVR-3-AAM_MODE_DEREGISTERED_FAILED: Abstract ACL Manager (AAM) mode deregister failed. Error code is [chars].`

Explanation Abstract ACL Manager (AAM) mode deregister failed

Recommended Action No action is required.

Error Message `IVR-3-AAM_MODE_REGISTERED_FAILED: Abstract ACL Manager (AAM) register failed. Error code is [chars].`

Explanation Abstract ACL Manager (AAM) register failed

Recommended Action No action is required.

Error Message `IVR-3-ACL_ERROR: ACL API, [chars], failed with error [chars]`

Explanation IVR invoked ACL API and received the error code. [chars] describes the API and [chars] specifies the error.

Recommended Action No action is required.

Error Message `IVR-3-ACL_PERMIT_ENTRY_ERROR: ACL permit entry update on interface [chars] failed for reason: [chars]`

Explanation ACL could not program permit entries for IVR traffic. [chars] describes the interface named and [chars] describes the system error message from ACL. IVR traffic coming from the interface may be dropped.

Recommended Action If the problem persists, please contact TAC, or your reseller for support.

Error Message `IVR-3-ACL_PLOGI_ENTRY_ERROR: PLOGI capture entry update in slot [dec] failed for reason: [chars]`

Explanation ACL could not program IVR PLOGI could not be programmed. slot[dec] describes the line card slot number and [chars] describes the system error message. PLOGI and its response may be dropped because ivr process cannot capture those frames.

Recommended Action No action is required.

Error Message `IVR-3-AFID_CONFLICT: [chars]`

Explanation AFID configuration is different at different ivr-enabled switches in the same VSAN. Change AFID configuration (auto mode) or vsan topology configuration (user mode) to make it consistent

Recommended Action No action is required.

Error Message `IVR-3-CFS_INVALID_PAYLOAD_RECEIVED: Inter-VSAN process received invalid payload from CFS`

Explanation Inter-VSAN process received invalid payload from CFS.

Recommended Action No action is required.

Error Message `IVR-3-CLEAR_FAILED: [chars]`

Explanation An error occurred while clearing the lock. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IVR-3-COMMIT_FAILED: [chars]`

Explanation An error occurred while committing configuration. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IVR-3-COMMIT_PARTIALLY_FAILED: [chars]`

Explanation An error occurred while committing configuration. Configuration could not be committed on some switches. The reason for the failure : [chars]. Configuration can be inconsistent in the fabric.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IVR-3-COMMIT_REJECTED: [chars]`

Explanation Commit request received from remote switch is rejected. The reason for the failure: [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IVR-3-DDAS_LOCK_TIMER_EXPIRED: IVR database lock is released, as device-alias commit/abort notification is not received in the expected time frame.`

Explanation When device-alias sends the validation request, IVR database is locked and a timer is started. For any reason, if device-alias commit/abort notification is not received within the expected time frame, the lock timer gets expired and the lock is released. If device-alias commmit notification is received after the lock is released, the changes are not applied and this could cause inconsistency between IVR and device-alias.

Recommended Action No action is required.

Error Message `IVR-3-DEVICE_NOT_PREENT_IN_FB_DB_FICON: Device with port WWN [chars] could not be exported to VSANs [chars] because its native switch is not present in the current active fabric binding database of those VSANs.`

Explanation This happens if ficon is enabled on VSANs [chars] and native switch of device with port WWN [chars] is not present in the current active fabric binding database of those VSANs. This is a requirement for ficon compliance.

Recommended Action No action is required.

Error Message `IVR-3-DEVICE_ON_WRONG_NATIVE_AFID_VSAN: Device with port WWN [chars] (FCID:[chars], native VSAN [dec] native AFID [dec]) may not be exported to other VSANs (for Inter-VSAN zoning) because it has come online in VSAN [dec] AFID [dec]`

Explanation Device has come online on a AFID/VSAN different from the configured native AFID/VSAN

Recommended Action No action is required.

Error Message `IVR-3-DEVICE_ON_WRONG_NATIVE_VSAN: Device with port WWN [chars] (FCID:[chars], native VSAN [dec]) may not be exported to other VSANs (for Inter-VSAN zoning) because domain [hex] exists in VSAN [dec]`

Explanation Device has come online on a VSAN different from the configured native VSAN or the device does not satisfy unique domain criteria.

Recommended Action No action is required.

Error Message `IVR-3-DM_ERROR: Domain Manager API, [chars], failed with error [hex]`

Explanation IVR invoked DM API and received the error code. [chars] describes the API and 0x[hex] specifies the error.

Recommended Action No action is required.

Error Message `IVR-3-DOMAIN_DISALLOWED_IN_INTEROP: Device with port WWN [chars] and FCID [chars] may not be able to participate in Inter-VSAN zone since domain [dec] is disallowed in the interop mode for VSAN [dec]`

Explanation VSAN interop modes place restrictions on what domain ranges are allowed. This domain is out of the range allowed for this interop mode. See the Cisco MDS 9000 Family Configuration Guide for details on the domain range limitations.

Recommended Action Change the domain of the switch to which this IVR zone member is connected to so that it is within the allowed domain list for the interop mode. The domain identifier can be statically assigned using fcdomain interface. You can also configure a range of domains allowed in a VSAN using the fcdomain's 'allowed-domains' interface.

Error Message `IVR-3-DOMAIN_UNAVAILABLE: Device with port WWN [chars] and FCID [chars] may not be able to participate in Inter-VSAN zone since domain [dec] is already assigned in VSAN [dec]`

Explanation Device with port WWN [chars] and FCID [dec] may not be able to participate in Inter-VSAN zone since domain [dec] is already assigned in VSAN [dec].

Recommended Action No action is required.

Error Message `IVR-3-FC2_ERROR: FC2 API [chars] failed with error [hex] for [chars]`

Explanation IVR invoked FC2 API for [chars] socket and received the error code. [chars] describes the API and 0x[hex] specifies the error.

Recommended Action No action is required.

Error Message `IVR-3-FCID_NAT_MODE_CANNOT_CHANGE: IVR NAT mode cannot be changed. Might cause the fabric NAT mode inconsistency`

Explanation Could be caused by active zoneset, pending activation /deactivation or non-empty device list

Recommended Action No action is required.

Error Message `IVR-3-FCID_REWRITE_REQUEST_TO_ACL_FAILED: fcid rewrite [chars] request vsan [dec] did [chars] sid [chars] failed:[chars]([hex]).`

Explanation This happens when either after IVR retried the request few times or ACL experienced error while processing the request.

Recommended Action No action is required.

Error Message `IVR-3-INTERNAL_ERROR: Internal error: [chars]`

Explanation IVR process encountered a general error, one that does not fall in any of the categories. [chars] describes the error and its context.

Recommended Action No action is required.

Error Message `IVR-3-INVALID_ZONE_MEMBER_PROP_INTEROP_MODE_2_3: unsupported member/zone properties in interop mode 2 or 3 [chars]`

Explanation Inter-VSAN member properties incompatible with interop mode vsan

Recommended Action No action is required.

Error Message `IVR-3-IVR_NAT_OFF_IS_SAB: Fcid-nat must be enabled before IVR zoneset activation for Sabre platform.`

Explanation Fcid-nat must be enabled before IVR zoneset activation for Sabre platform.

Recommended Action No action is required.

Error Message `IVR-3-IVZ_ACTIVATION_FAILED_VSAN: Inter-VSAN zoneset [chars] activation failed in VSAN [dec]`

Explanation Inter-VSAN zoneset activation failed failed in VSAN.

Recommended Action No action is required.

Error Message `IVR-3-IVZ_ACTIVATION_FAILED: Inter-VSAN zoneset [chars] activation failed`

Explanation Inter-VSAN zoneset activation failed.

Recommended Action No action is required.

Error Message `IVR-3-IVZ_DEACTIVATION_FAILED_VSAN: Inter-VSAN zoneset [chars] deactivation failed in VSAN [dec]`

Explanation Inter-VSAN zoneset deactivation failed in VSAN.

Recommended Action No action is required.

Error Message `IVR-3-IVZ_DEACTIVATION_FAILED: Inter-VSAN zoneset [chars] deactivation failed`

Explanation Inter-VSAN zoneset deactivation failed.

Recommended Action No action is required.

Error Message `IVR-3-LOCK_FAILED: [chars]`

Explanation An error occurred while acquiring the lock. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IVR-3-MERGE_ACTIVATION_FAILED: [chars]`

Explanation An error occurred while activating merged configuration. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IVR-3-MERGE_FAILED: reason is [chars]`

Explanation An error occurred while merging configuration. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IVR-3-MTS_ERROR: MTS message transmission failed with error [dec]`

Explanation IVR process unsuccessfully tried to send a MTS message. MTS error number is specified in [dec].

Recommended Action No action is required.

Error Message `IVR-3-NS_ERROR: FCNS API, [chars], failed with error [hex]`

Explanation IVR invoked FCNS API and received the error code. [chars] describes the API and 0x[hex] specifies the error.

Recommended Action No action is required.

Error Message `IVR-3-PSS_CFG_RESTORE_ERROR: Configuration restoration for [chars] failed with error [hex]`

Explanation IVR read the saved configuration and encountered an error while rebuilding the runtime configuration. [chars] describes the configuration which the process tried to restore and 0x[hex] is the system err code.

Recommended Action No action is required.

Error Message `IVR-3-PSS_ERROR: PSS operation [chars] returned error: [hex]`

Explanation [chars] specifies the context where the failure occurred and 0x[hex] specifies the error.

Recommended Action No action is required.

Error Message `IVR-3-PSS_RTDB_RESTORE_ERROR: Runtime database restoration for [chars] failed with error [hex]`

Explanation IVR read the saved runtime database and encountered an error while rebuilding the runtime database. [chars] describes the runtime database which the process tried to restore and 0x[hex] is the system error code.

Recommended Action No action is required.

Error Message `IVR-3-QOS_IOD_UNDROP_REQUEST_TO_ACL_FAILED: qos iod undrop request vsan [dec] did [chars] failed:[chars].`

Explanation This happens when either after IVR retried the request few times or ACL experienced error while processing the request.

Recommended Action No action is required.

Error Message `IVR-3-RIB_ERROR: RIB API, [chars], failed with error [hex]`

Explanation IVR invoked RIB API and received the error code. [chars] describes the API and 0x[hex] specifies the error.

Recommended Action No action is required.

Error Message `IVR-3-ROUTE_REQUEST_TO_ACL_FAILED: route [chars] request vsan [dec] domain [dec] failed:[chars].`

Explanation This happens when either after IVR retried the request few times or ACL experienced error while processing the request.

Recommended Action No action is required.

Error Message `IVR-3-TOPOLOGY_COMPUTATION_FAILED: Inter-VSAN Topology computation has failed due to: [chars]`

Explanation Inter-VSAN Topology has failed due to [chars]. Possible reasons are (a) Number of AFID/VSAN combination is more than te maximum supported value of 128, or (b) Number of ivr-enabled switches is more than the maximum supported value of 128

Recommended Action No action is required.

Error Message `IVR-3-UNEXPECTED_MTS_MSG: Unexpected MTS message, opcode [dec], is received`

Explanation IVR process received unexpected MTS event. MTS opcode is specified in [dec].

Recommended Action No action is required.

Error Message `IVR-3-UNLOCK_FAILED: [chars]`

Explanation An error occurred while releasing the lock. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IVR-3-VSAN_SEGMENTED: [chars]`

Explanation VSAN is segmented. VSAN is removed from the topology graph and hence no Inter-VSAN traffic can flow through this VSAN.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `IVR-3-ZS_POLICY_IS_DENY_NO_ACTIVE_ZS: Default zone behavior policy is deny on VSAN [dec] and there is no active zoneset`

Explanation Default zone behavior is deny and there is no active zoneset. Inter-VSAN zone members may not be able communicate in this VSAN.

Recommended Action No action is required.

Error Message `IVR-3-ZS_POLICY_IS_PERMIT_NO_FORCE: Default zone behavior policy is permit on VSAN [dec] and the force option is off`

Explanation Default zone behavior is permit and the force option is off. Inter-VSAN zoneset activation on this VSAN has failed.

Recommended Action No action is required.

Error Message `IVR-3-ZS_POLICY_IS_PERMIT_ZS_DEACTIVATED: Default zone behavior policy is permit on VSAN [dec] and regular zoneset deactivated`

Explanation Default zone behavior is permit and regular zoneset is deactivated. Inter-VSAN zone members may not be able to communicate.

Recommended Action No action is required.

Error Message `IVR-4-AUTO_TOPOLOGY_UPDATE_DISCARDED: [chars]`

Explanation Received auto topology update is discarded due to conflicts

Recommended Action No action is required.

Error Message `IVR-4-FCID_REWRITE_REQUEST_TO_ACL_FAILED_AND_RETRYING: fcid rewrite [chars] request vsan [dec] did [chars] sid [chars] failed:[chars]([hex]). Retrying the request again.`

Explanation This happens when either any of the linecards being upgraded or ACL experienced error while processing the request.

Recommended Action No action is required.

Error Message `IVR-4-PERSISTENT_VIRTUAL_DOMAIN_MERGE_CONFLICT: [chars]`

Explanation Merge failed due to conflict in the persistent virtual domain configuration

Recommended Action No action is required.

Error Message `IVR-4-PERSISTENT_VIRTUAL_FCID_MERGE_CONFLICT: [chars]`

Explanation Merge failed due to conflict in the persistent virtual fcid configuration

Recommended Action No action is required.

Error Message `IVR-4-QOS_IOD_UNDROP_REQUEST_TO_ACL_FAILED_AND_RETRYING: qos iod undrop request vsan [dec] did [chars] failed:[chars]. Retrying the request again.`

Explanation This happens when either any of the linecards being upgraded or ACL experienced error while processing the request.

Recommended Action No action is required.

Error Message `IVR-4-ROUTE_REQUEST_TO_ACL_FAILED_AND_RETRYING: route [chars] request vsan [dec] domain [dec] failed:[chars]. Retrying the request again.`

Explanation This happens when either any of the linecards being upgraded or ACL experienced error while processing the request.

Recommended Action No action is required.

Error Message `IVR-4-UNKNOWN_NATIVE_VSAN: Unknown native VSAN for the virtual domain [dec] in VSAN [dec] local native VSAN for the same virtual domain is [dec]`

Explanation Could not determine native VSAN of the currently advertised virtual domain [dec] in VSAN [dec]. This switch has learned of a device that is member of active IVR zone has the same domain ID, and belongs to native VSAN [dec]. This device would not be advertised in that VSAN until the native VSAN information is resolved.

Recommended Action No action is required.

Error Message `IVR-5-AAM_MODE_DEREGISTERED: Abstract ACL Manager (AAM) mode has been deregistered`

Explanation Abstract ACL Manager (AAM) mode has been deregistered

Recommended Action No action is required.

Error Message `IVR-5-AAM_MODE_REGISTERED: Abstract ACL Manager (AAM) mode has been registered`

Explanation Abstract ACL Manager (AAM) mode has been registered

Recommended Action No action is required.

Error Message `IVR-5-FCID_NAT_MODE_ACTIVATED: FCID network address translation (NAT) mode has been activated`

Explanation FCID network address translation (NAT) mode has been activated

Recommended Action No action is required.

Error Message `IVR-5-FCID_NAT_MODE_DEACTIVATED: FCID network address translation (NAT) mode has been deactivated`

Explanation FCID network address translation (NAT) mode has been deactivated

Recommended Action No action is required.

Error Message `IVR-5-IVR_ASSERTION_FAILED: Unexpected assertion failure in File [chars] at Line [dec]`

Explanation An assertion failed in IVR code

Recommended Action No action is required.

Error Message `IVR-5-IVZS_ACTIVATION_RETRYING: Inter-VSAN zoneset activation did not go through because of [chars], retrying in VSAN [dec] after [dec] seconds`

Explanation Inter-VSAN zoneset activation failed because of [chars] in VSAN [dec]. This could be an intermittent regular zoneset activation error. The activation will be retried in [dec] seconds.

Recommended Action No action is required.

Error Message `IVR-5-IVZS_WAITING_FOR_LOWEST_SWWN: Waiting for lowest switch WWN Inter-VSAN enabled switch in VSAN [dec]`

Explanation Only lowest switch WWN Inter-VSAN enabled switch adds the Inter-VSAN zones to the regular active zoneset in a VSAN. This local switch is not the lowest sWWN switch in VSAN [dec]

Recommended Action No action is required.

Error Message `IVR-5-IVZ_ACTIVATED_VSAN: Inter-VSAN zoneset [chars] activated in VSAN [dec]`

Explanation Inter-VSAN zoneset activated in VSAN[dec].

Recommended Action No action is required.

Error Message `IVR-5-IVZ_ACTIVATED: Inter-VSAN zoneset [chars] activated`

Explanation Inter-VSAN zoneset activated[dec].

Recommended Action No action is required.

Error Message `IVR-5-IVZ_CLEANUP_DONE_BY_TIMER: Inter-VSAN clean-up is not done after waiting for 5 minutes`

Explanation Inter-VSAN related configuration might not be cleaned up before the ivr process is terminated

Recommended Action If the problem persists, you may have to reboot your switch to clean up the old IVR configuration

Error Message `IVR-5-IVZ_CLEANUP_DONE: Inter-VSAN clean-up is done`

Explanation Inter-VSAN related configuration is cleaned up before exiting.

Recommended Action No action is required.

Error Message `IVR-5-IVZ_DEACTIVATED_VSAN: Inter-VSAN zoneset [chars] deactivated in VSAN [dec]`

Explanation Inter-VSAN zoneset deactivated in VSAN[dec].

Recommended Action No action is required.

Error Message `IVR-5-IVZ_DEACTIVATED: Inter-VSAN zoneset [chars] deactivated`

Explanation Inter-VSAN zoneset deactivated[dec].

Recommended Action No action is required.

Error Message `IVR-5-IVZ_PARTIALLY_ACTIVATED: Inter-VSAN zoneset [chars] partially activated`

Explanation Inter-VSAN zoneset activated[dec].

Recommended Action Check if it is successful in all VSANs by doing show IVR zoneset status.

Error Message `IVR-5-IVZ_PARTIALLY_DEACTIVATED: Inter-VSAN zoneset [chars] partially deactivated`

Explanation Inter-VSAN zoneset deactivated[dec].

Recommended Action Check if it is successful in all VSANs by doing show IVR zoneset status.

Error Message `IVR-5-LICENSE_CHECKIN_FAILED: Failed to checkin [chars] license: Err=[chars]`

Explanation Failed to checkin [chars] license

Recommended Action No action is required.

Error Message `IVR-5-SERVICE_GROUP_ACTIVATED: Inter-VSAN Service Group has been activated`

Explanation Inter-VSAN Service Group has been activated.

Recommended Action No action is required.

Error Message `IVR-5-SERVICE_GROUP_DEACTIVATED: Inter-VSAN Service Group has been deactivated`

Explanation Inter-VSAN Service Group has been deactivated.

Recommended Action No action is required.

Error Message `IVR-5-VSAN_NO_LONGER_SEGMENTED: [chars]`

Explanation VSAN is no longer segmented. VSAN is added back to the topology graph and hence Inter-VSAN traffic can now flow through this VSAN.

Recommended Action No action is required.

Error Message `IVR-5-VSAN_TOPOLOGY_ACTIVATED: Inter-VSAN Topology has been activated`

Explanation Inter-VSAN Topology has been activated.

Recommended Action No action is required.

Error Message `IVR-6-DRAV_ASYNC_DOMAIN_RELEASE: [chars]`

Explanation DRAV FSM has unconditionally released a domain due to conflict after a fabric merge. The details are in [chars]

Recommended Action No action is required.

Error Message `IVR-6-DRAV_CRITICAL_RETRY_EXCEED: [chars]`

Explanation DRAV FSM frames are attempted to be resent. The details are in [chars]

Recommended Action No action is required.

Error Message `IVR-6-DRAV_DOMAIN_ALLOC: Virtual domain [dec] for Native AFID: [dec] Native VSAN [dec]`

Explanation A virtual domain indicated by [dec] has been reserved for a device with native AFID [dec] and native VSAN [dec]

Recommended Action No action is required.

Error Message `IVR-6-DRAV_DOMAIN_RELEASE: Virtual domain [dec] for Native AFID: [dec] Native VSAN [dec]`

Explanation A virtual domain indicated by [dec] has been released used by devices with native AFID [dec] and native VSAN [dec]

Recommended Action No action is required.

Error Message `IVR-6-DRAV_TOPO_UPDATE: [chars]`

Explanation DRAV FSM Topology has been updated as indicated by [chars]

Recommended Action No action is required.

Error Message `IVR-6-LICENSE_VALID: A valid license for Inter-VSAN Routing has been obtained`

Explanation A valid license for Inter-VSAN Routing has been obtained

Recommended Action No action is required.

Error Message `IVR-7-CFS_REQ_RCVD: [chars]`

Explanation CFS request is received. The WWN of the switch originated this request and the rr-token of the request are provided in the syslog message.

Recommended Action No action is required.

Error Message `IVR-7-CFS_RESP_SENT: [chars]`

Explanation CFS response is sent. The rr-token of the corresponding request and the status are provided in the syslog message

Recommended Action No action is required.

Error Message `L2FMC-SLOT#-0-L2FMC_CLI_INIT_FAILED: CLI library initialization failed!`

Explanation L2FMC failed to initialize CLI infrastructure\sbackendlibrary.Thisisafatalerror.'

Recommended Action No action is required.

Error Message `L2FMC-SLOT#-0-L2FMC_TIMER_INIT_FAILED: Timer subsystem initialization failed!`

Explanation L2FMC failed to initialize timer library. This is a fatal error.

Recommended Action No action is required.

Error Message `L2FMC-SLOT#-2-L2FMC_MEM_ALLOC: Memory allocation failed. [chars]`

Explanation Memory allocation failed. This is a critical failure

Recommended Action No action is required.

Error Message `L2FMC-SLOT#-2-L2FMC_VLAN_NOT_FOUND: VLAN [dec] not found in L2FMC database!`

Explanation L2FMC failed to find VLAN [dec] in its database. L2 MAC learning & aging on VLAN [dec] may be affected.

Recommended Action No action is required.

Error Message `L2FMC-SLOT#-5-L2FMC_GLBL_AGE_CONFIG_FAIL: Global age value configuration to [dec] seconds failed!`

Explanation L2FMC failed to configure global default age to [dec] seconds.

Recommended Action No action is required.

Error Message `L2FMC-SLOT#-5-L2FMC_VLAN_AGE_CONFIG_FAIL: VLAN Age configuration to [dec] seconds failed!`

Explanation L2FMC failed to configure age for VLAN [dec] to [dec] seconds.

Recommended Action No action is required.

Error Message `L2FMC-SLOT#-6-L2FMC_GLBL_AGE_CONFIGURED: Global age value configured to [dec] seconds.`

Explanation L2FMC has successfully configured global default age to [dec] seconds.

Recommended Action No action is required.

Error Message `L2FMC-SLOT#-6-L2FMC_INITIALIZED: Internal state created [chars]`

Explanation L2FMC has created its internal state stateless/stateful [chars].

Recommended Action No action is required.

Error Message `L2FMC-SLOT#-6-L2FMC_VDC_CREATED: VDC [dec] created`

Explanation Request to create VDC [dec] in L2FMC was successful.

Recommended Action No action is required.

Error Message `L2FMC-SLOT#-6-L2FMC_VDC_REMOVED: VDC [dec] Removed`

Explanation L2FMC has successfully removed VDC [dec] from its databases.

Recommended Action No action is required.

Error Message `L2FMC-SLOT#-6-L2FMC_VDC_VLAN_CREATED: VLAN [dec] created`

Explanation L2FMC has added VLAN [dec].

Recommended Action No action is required.

Error Message `L2FMC-SLOT#-6-L2FMC_VDC_VLAN_REMOVED: VLAN [dec] removed from VDC [dec]`

Explanation L2FMC has successfully removed VLAN [dec] from VDC [dec].

Recommended Action No action is required.

Error Message `L2FMC-SLOT#-6-L2FMC_VLAN_AGE_CONFIGURED: Age configured for VLAN [dec] to [dec] seconds.`

Explanation L2FMC has successfully configured age for VLAN [dec] to [dec] seconds.

Recommended Action No action is required.

Error Message `L2FM-0-L2FM_CLI_INITIALIZATION_FAILED: CLI library initialization failed!`

Explanation Failed to initialize CLI infrastructure\sbackendlibrary.Thisisafatalerror.'

Recommended Action No action is required.

Error Message `L2FM-0-L2FM_VDC_GWMAC_GET_FAILED: Failed to get gwmac for VDC`

Explanation Failed to get gwmac for VDC.

Recommended Action No action is required.

Error Message `L2FM-0-L2FM_WRITE_TO_PSS_FAILED_IN_PREVIOUS_INCARNATION: PSS Write Failed in pervious incarnation. Stateful restart not possible`

Explanation PSS Write Failed in pervious incarnation. Stateful restart not possible

Recommended Action No action is required.

Error Message `L2FM-1-L2FM_CRDCFG_ERROR: L2fm queried Card config for slot info and it has returned error. The slot may not have been added correctly`

Explanation No action is required.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `L2FM-1-L2FM_ORIB_SENDS_INCORRECT_IFIDX: Incorrect ifidx received from Orib. Please check mac [chars] vlan [dec]`

Explanation L2fm has received a mac insert/delete from Orib with incorrect ifidx. Please check otv mac entries

Recommended Action No action is required.

Error Message `L2FM-1-L2FM_OWNER_NOT_FOUND: Error : fe owner not found for mac entry [chars] in age notif sent from slot = [dec], fe = [dec]`

Explanation L2fm has received an age notification from the linecard but does not have the mac owner in its database

Recommended Action No action is required.

Error Message `L2FM-1-L2FM_SDB_NOT_FLUSHED: Error : [dec] mac entries have not flushed from l2fm sdb`

Explanation Due to an internal error l2fm has not written mac entries to its sdb

Recommended Action No action is required.

Error Message `L2FM-1-L2FM_SMAC_DUP_FOUND: Duplicate static mac found in secondary vlan. P-VLAN:[dec] S-VLAN:[dec] MAC:[chars]`

Explanation Duplicate static mac found in secondary vlan. P-VLAN:[dec] S-VLAN:[dec] MAC:[chars]

Recommended Action No action is required.

Error Message `L2FM-1-L2FM_WRITE_TO_PSS_FAILED: Failed to write to PSS err [chars]`

Explanation Failed to write to PSS err [chars]

Recommended Action No action is required.

Error Message `L2FM-2-L2FM_AGING_TIME_SET_FAILED: Failed to set age time [dec] for vlan [dec]`

Explanation Failed to set age time [dec] for vlan [dec].

Recommended Action No action is required.

Error Message `L2FM-2-L2FM_GLBL_AGING_TIME_SET_FAILED: Failed to set global age time [dec]`

Explanation Failed to set global age time [dec]

Recommended Action No action is required.

Error Message `L2FM-2-L2FM_SMAC_INS_FAILED: Failed to insert static mac for VLAN:[dec] MAC:[chars] IfIndex:[hex] Slot:[dec]`

Explanation No action is required.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `L2FM-2-L2FM_UPDATE_LOST_HINTS: mac [hex]:[hex]:[hex]:[hex]:[hex]:[hex] updated by slot [dec] fe_index [dec], from [hex] to [hex], with [hex] new hints and loosing %08 old_hints. stack trace: [chars]`

Explanation An update from MTM looks inconsistent with the previous state

Recommended Action No action is required.

Error Message `L2FM-4-L2FM_MAC_MOVE: Mac [chars] has moved from [chars] to [chars]`

Explanation Mac [string] has moved from [string] to [string]

Recommended Action No action is required.

Error Message `L2FM-6-L2FM_DYN_MAC_INS_FAILED: Dynamic mac insertion failure!fail_cnt: [dec] Slot:[dec]`

Explanation Failed to insert dynamic macs fail_cnt:[dec] for Slot:[Slot]

Recommended Action No action is required.

Error Message `L2FM-6-L2FM_MTS_SEND_FAILED: Failed to send MTS message errno [hex] opcode [dec]`

Explanation No action is required.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `L2MCAST-SLOT#-0-L2MCAST_CLI_INIT_FAILED: CLI library initialization failed!`

Explanation L2MCAST failed to initialize CLI infrastructure\sbackendlibrary.Thisisafatalerror.'

Recommended Action No action is required.

Error Message `L2MCAST-SLOT#-0-L2MCAST_TIMER_INIT_FAILED: Timer subsystem initialization failed!`

Explanation L2MCAST failed to initialize timer library. This is a fatal error.

Recommended Action No action is required.

Error Message `L2MCAST-SLOT#-2-L2MCAST_VLAN_NOT_FOUND: VLAN [dec] not found in L2MCAST database!`

Explanation L2MCAST failed to find VLAN [dec] in its database. L2 MAC learning & aging on VLAN [dec] may be affected.

Recommended Action No action is required.

Error Message `L2MCAST-SLOT#-2-L2MCAST: Memory allocation failed. [chars]`

Explanation Memory allocation failed. This is a critical failure

Recommended Action No action is required.

Error Message `L2MCAST-SLOT#-6-L2MCAST_HW_INSTALL_FAIL: Hw install failed for vlan [dec] ([dec], [chars], [chars]) entry!`

Explanation L2MCAST failed to insert bd, g, s entry in hardware. Igmp snooping may not be effective on vlan for that group and source

Recommended Action No action is required.

Error Message `L2MCAST-SLOT#-6-L2MCAST_INITIALIZED: Internal state created [chars]`

Explanation L2MCAST has created its internal state stateless/stateful [chars].

Recommended Action No action is required.

Error Message `L2MCAST-SLOT#-6-L2MCAST_VDC_CREATED: VDC [dec] created`

Explanation Request to create VDC [dec] in L2MCAST was successful.

Recommended Action No action is required.

Error Message `L2MCAST-SLOT#-6-L2MCAST_VDC_REMOVED: VDC [dec] Removed`

Explanation L2MCAST has successfully removed VDC [dec] from its databases.

Recommended Action No action is required.

Error Message `L2MCAST-SLOT#-6-L2MCAST_VDC_VLAN_CREATED: VLAN [dec] created`

Explanation L2MCAST has added VLAN [dec].

Recommended Action No action is required.

Error Message `L2MCAST-SLOT#-6-L2MCAST_VDC_VLAN_REMOVED: VLAN [dec] removed from VDC [dec]`

Explanation L2MCAST has successfully removed VLAN [dec] from VDC [dec].

Recommended Action No action is required.

Error Message `LACP-3-GENERAL_ERROR: [chars]`

Explanation General error

Recommended Action No action is required.

Error Message `LACP-3-LACP_MEM_PC_MISCFG: LACP misconfiguration detected on [chars]: ([chars] [dec]-[dec][chars] [dec]-[dec])`

Explanation There was an LACP misconfiguration

Recommended Action No action is required.

Error Message `LACP-3-LACP_MISCFG: LACP misconfiguration detected on [chars]: ([chars])`

Explanation There was an LACP misconfiguration

Recommended Action No action is required.

Error Message `LACP-3-LACP_SUSPEND_HALF_DUPLEX_PORT: Port [chars] is in half duplex mode. suspend port`

Explanation LACP is not supported in half duplex mode. Suspend port

Recommended Action No action is required.

Error Message `LACP-3-LACP_SUSPEND_MINLINK: LACP port [chars] of port-channel [chars] is suspended as min-link requirement not met.`

Explanation LACP suspend ports due to min-link

Recommended Action No action is required.

Error Message `LACP-3-LACP_UPGRADE_READY_FAILED: Upgrade ready was returned failure.`

Explanation Upgrade ready event was returned failure since one of the ports in port channels were found to be in intermediate state.

Recommended Action No action is required.

Error Message `LACP-3-PACKET_TRANSMIT_ERR: [chars]: Could not send LACP packet err=[dec]`

Explanation There was an error in sending LACP packet

Recommended Action No action is required.

Error Message `LACP-3-SYN_COLL_DIS_EN: [chars] [[chars]]: SYNC, COLLECT and DISTRIBUTE flags enabled too early by partner`

Explanation Potential interop issue. Partner system seems to have enabled sync as well collecting or distributing flags too early even before actor has selected an aggregator

Recommended Action No action is required.

Error Message `LACP-3-SYSTEM_MAC_ERR: [chars]: Could not get system mac[[chars]]`

Explanation There was an error in acquiring system mac from VDC Mgr

Recommended Action No action is required.

Error Message `LACP-5-LACP_DISABLED: LACP Disabled`

Explanation LACP Service Disabled

Recommended Action No action is required.

Error Message `LACP-5-LACP_DOES_NOT_MEET_MINLINK_REQ: LACP port-channel [chars] is brought down as min-link requirement not met.`

Explanation LACP port-channel down as min-link requirement not met

Recommended Action No action is required.

Error Message `LACP-5-LACP_ENABLED: LACP Enabled`

Explanation LACP Service Enabled

Recommended Action No action is required.

Error Message `LACP-5-LACP_MEETS_MINLINK_REQ: LACP port-channel [chars] meets min-link requirement. Reint port-channel`

Explanation LACP port-channel meets min-link requirement

Recommended Action No action is required.

Error Message `LACP-5-LACP_REMOTE_NOTIFY_SUCCESS: Remote notify event.`

Explanation Remote notify event was returned success.

Recommended Action No action is required.

Error Message `LACP-5-LACP_SUSPEND_INDIVIDUAL: LACP port [chars] of port-channel [chars] not receiving any LACP BPDUs suspending (individual) port`

Explanation LACP suspend individual ports

Recommended Action No action is required.

Error Message `LACP-5-LACP_UPGRADE_READY_SUCCESS: Upgrade ready was returned success.`

Explanation Upgrade ready event was returned success since all ports in port channels were found in steady state.

Recommended Action No action is required.

Error Message `LACP-5-PORT_PRIORITY_CHANGED: [chars]: LACP port priority changed from [dec] to [dec]`

Explanation LACP port priority has been changed

Recommended Action No action is required.

Error Message `LACP-5-SYSTEM_PRIORITY_CHANGED: LACP system priority changed from [hex] to [hex]`

Explanation LACP system priority has been changed

Recommended Action No action is required.

LC-FCFWD Messages

This section contains the LC-FCFWD messages.

LC-FCFWD-3

Error Message `LC-FCFWD-3-ERROR: [chars]`

Explanation Lc_fcfwd encountered an error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `LC-SPAN-3-ERROR: [chars]`

Explanation Lc_span_mgr encountered an error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `LC_CFG-SLOT#-2-LC2_CPU_ERRORS: [chars], Total IC [dec], DC [dec], Tag [dec], MBit [dec], SBit [dec], I30 [dec]`

Explanation LC CPU Cache errors.

Recommended Action No action is required.

Error Message `LC_CFG-SLOT#-2-LC_CFG_ABORT: registration aborted with code [dec]`

Explanation Process lc_cfg_mgr aborted registration

Recommended Action No action is required.

Error Message `LC_CFG-SLOT#-2-LC_CFG_EXITED: exited with code [dec]`

Explanation Process lc_cfg_mgr exited

Recommended Action No action is required.

Error Message `LC_PORT_CHANNEL-SLOT#-0-HW_FAILURE: fatal error in configureing [chars]: [chars]`

Explanation Fatal hardware error in port-channel configuration

Recommended Action Reset the module

Error Message `LC_PORT_CHANNEL-SLOT#-0-IDX_FULL: D_IDX table full (current [dec], new [dec], total [dec])`

Explanation Programming error in port-channel configuration

Recommended Action Reset the module

Error Message `LC_PORT_CHANNEL-SLOT#-3-LC_PORT_CHANNEL_ERROR: [chars]`

Explanation General error

Recommended Action No action is required.

Error Message `LC_PORT_CHANNEL-SLOT#-3-LC_PORT_CHANNEL_IDXMAP_FAILURE: could not lookup port index for interface [chars]`

Explanation Could not look up port index

Recommended Action No action is required.

Error Message `LC_PORT_MGR-SLOT#-2-LC_MTS_ERROR: An MTS error has occurred in ([chars]) with the following conditions: opc=[dec] ssap=[hex] dsap=[hex] syserr=[hex]`

Explanation This is a software error in message communication between two applications.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `LC_RDL-3-SYSLOG_ALLOC_FAIL: : [chars]`

Explanation RDL malloc failed : [chars]

Recommended Action No action is required.

Error Message `LC_RDL-3-SYSLOG_CONTEXT_ERR: : [chars] [dec]`

Explanation RDL context error: [chars] [dec]

Recommended Action No action is required.

Error Message `LC_RDL-3-SYSLOG_ERR: : [chars]`

Explanation RDL syslog errors : [chars]

Recommended Action No action is required.

Error Message `LC_RDL-3-SYSLOG_EXIT: : [chars]`

Explanation RDL exiting on errors : [chars]

Recommended Action No action is required.

Error Message `LC_RDL-3-SYSLOG_INIT_FAIL: : [chars] [chars]`

Explanation RDL Init Failed: [chars] [chars]

Recommended Action No action is required.

Error Message `LC_RDL-3-SYSLOG_MTS_ERR: : [chars]`

Explanation RDL MTS errors : [chars]

Recommended Action No action is required.

Error Message `LC_RDL-3-SYSLOG_MTS_REG_FAILED: : [dec] [dec]`

Explanation RDL context error: [dec] [dec]

Recommended Action No action is required.

Error Message `LC_RDL-6-SYSLOG_DEBUG_1: : [chars] [hex]`

Explanation RDL Debug logs: [chars] [dec]

Recommended Action No action is required.

Error Message `LC_RDL-6-SYSLOG_DEBUG_2: : [chars] [hex]`

Explanation RDL Debug logs: [chars] [dec]

Recommended Action No action is required.

Error Message `LC_RDL-6-SYSLOG_INFO: : [chars]`

Explanation RDL Debug logs: [chars]

Recommended Action No action is required.

Error Message `LC_RDL-6-SYSLOG_RESP_RCVD: : [chars] [dec]`

Explanation RDL context error: [chars] [dec]

Recommended Action No action is required.

Error Message `LDAP-2-LDAP_PROGRAM_EXIT: LDAP daemon exiting: [chars]`

Explanation LDAP daemon is exiting.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `LDAP-3-LDAP_ERROR_MESSAGE: [chars]`

Explanation LDAP Error Message

Recommended Action No action is required.

Error Message LDAP-5-LDAP_MONITOR_STATUS: [chars] [chars]

Explanation Notifying Ldap server monitor status change

Recommended Action No action is required.

Error Message LDAP-5-LDAP_SERVER_STATUS: [chars] server [chars] with port [dec] status has changed from [chars] to [chars]. Server was in previous-state for [chars], and total dead time of the server is [chars]

Explanation Notifying Ldap server status change

Recommended Action No action is required.

Error Message LDAP-6-LDAP_MESSAGE: [chars]

Explanation LDAP Message

Recommended Action No action is required.

Error Message LIBBASE_SVC-2-IT_NEXUS_MAX_INTERFACE_LIMIT_REACHED: [chars] cannot be bound for site [chars], as the interfaces reached the maximum flow limit

Explanation IT Load Balancing failed

Recommended Action No action is required.

Error Message LIBBASE_SVC-4-FCR_VER2_NOT_ENABLED: FCR Version2 is not enabled. May affect flows. Please enable fc-redirect version2

Explanation FCR Version2 not enabled

Recommended Action No action is required.

Error Message LIBBASE_SVC-5-FLOW_NOT_ALLOWED: Flow [chars] <-> [chars] disallowed in multiple clusters

Explanation Flow creation failed

Recommended Action No action is required.

Error Message LIBBASE_SVC-5-IT_NEXUS_FAILURE: [chars]. [chars] bind failure. Reason: [chars]: [hex]

Explanation IT Nexus bind failed

Recommended Action No action is required.

Error Message `LIBBASE_SVC-5-IT_NEXUS_OPTIMUM_INTERFACE_LIMIT_REACHED: Interface [chars] exceeded the optimum flow limit`

Explanation Iterface Flow Limit

Recommended Action No action is required.

Error Message `LIBGD-2-GD_ACCESS_FAILED: Guardian Failed to access reg for [chars]`

Explanation Guardian Access failed

Recommended Action No action is required.

Error Message `LIBGD-2-GD_CATASTROPHIC: Guardian catastrophic failure: [chars]`

Explanation Guardian catastrophic error

Recommended Action No action is required.

Error Message `LIBGD-2-GD_INTR: Guardian Interrupt occurred: [chars]`

Explanation Interrupt occurred on the Guardian

Recommended Action No action is required.

Error Message `LIBGD-2-SHUTDOWN: Guardian software process exiting: [chars]`

Explanation Guardian shutting down

Recommended Action No action is required.

Error Message `LIBGD-3-EN_DATA_FAILED: Guardian enable port failed for inst:[dec] port:[dec]`

Explanation Guardian Enable port failed for the guardian

Recommended Action No action is required.

Error Message `LIBGD-5-STARTING: Guardian process starting`

Explanation Guardian process is being started

Recommended Action No action is required.

Error Message `LIBGD-6-DIS_DATA: Guardian disable port done for inst:[dec] port:[dec]`

Explanation Disabled port successfully for guardian

Recommended Action No action is required.

Error Message `LIBGD-6-EN_PORT: Guardian enable port done for inst:[dec] port:[dec]`

Explanation Enabled port for the Guardian

Recommended Action No action is required.

Error Message `LIBGD-6-HW_INIT: GuardianHW initialization has been done for inst: [dec] port: [dec]`

Explanation Guardian HW initializtion has been called[dec]

Recommended Action No action is required.

Error Message `LICMGR-0-LOG_LIC_GRACE_EXPIRED: Grace period expired for feature [chars].`

Explanation Unlicensed feature [chars] has exceeded it's grace time period. Applications using will be shut down immediately.

Recommended Action Please install the license file to continue using the feature.

Error Message `LICMGR-1-LOG_LIC_LICENSE_EXPIRY_WARNING_ALERT: Evaluation license for feature [chars] will expire in [dec] days.`

Explanation Feature [chars] has very limited time for expiry. Feature will expire in [dec] days and will be shut down.

Recommended Action Please install the license file to continue using the feature.

Error Message `LICMGR-1-LOG_LIC_NO_LIC_ALERT: No license(s) present for feature [chars]. Application(s) running in grace-period and will be shut down in [dec] days.`

Explanation Feature [chars] has not been licensed. The feature will work for a grace period of [dec] days after which application(s) using the feature will be shut down.

Recommended Action Please install the license file to continue using the feature.

Error Message `LICMGR-2-LOG_LIC_EXIT: License manager exiting: [chars]`

Explanation License manager exiting.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `LICMGR-2-LOG_LIC_INVALID_SERVER_LINE: License file [chars] contains invalid SERVER line. Contact TAC`

Explanation Invalid SERVER line in license file.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `LICMGR-2-LOG_LIC_NVRAM_DISABLED: Licensing NVRAM is not available. Grace period will be disabled: [chars]`

Explanation The Supervisor NVRAM block may have a hardware problem and may need to be replaced

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `LICMGR-2-LOG_LIC_VENDOR_DOWN: License file contains invalid SERVER line. Vendor daemon down`

Explanation Vendor daemon is down

Recommended Action Licensing

Error Message `LICMGR-3-LOG_LICAPP_NO_LIC: Application [chars] running without [chars] license, shut down in [dec] days.`

Explanation Application [chars1] has not been licensed. The application will work for a grace period of [dec] days after which it will be shut down unless a license file for feature [chars2] is installed.

Recommended Action Please install the license file to continue using the feature.

Error Message `LICMGR-3-LOG_LIC_FILE_MISSING: License file(s) missing for feature [chars].`

Explanation One or more license files for feature [chars] are missing and must be reinstalled.

Recommended Action Please install the license file to continue using the feature.

Error Message `LICMGR-3-LOG_LIC_INVALID_HOSTID: Invalid license hostid VDH=[chars] for feature [chars].`

Explanation Feature [chars2] has a license with an invalid license hostid VDH=[chars1]. This can occur if a supervisor card with licensed features for one switch is installed on another switch.

Recommended Action No action is required.

Error Message `LICMGR-3-LOG_LIC_LICENSE_EXPIRED: Evaluation license expired for feature [chars].`

Explanation The named feature has exceeded it's evaluation time period. Applications using the license will be shut down after a grace period.

Recommended Action Please install the license file to continue using the feature.

Error Message `LICMGR-3-LOG_LIC_MESSAGE_ERROR: could not handle message: [chars] of type [dec] from addr [dec]:[dec].`

Explanation Could not handle a IPC message [chars] of type [dec1] sent by a component running on node [dec2] with sap [dec3].

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `LICMGR-3-LOG_LIC_NO_LIC: No license(s) present for feature [chars]. Application(s) shut down in [dec] days.`

Explanation Feature [chars] has not been licensed. The feature will work for a grace period of [dec] days after which application(s) using the feature will be shut down.

Recommended Action Please install the license file to continue using the feature.

Error Message `LICMGR-3-LOG_LIC_SERVER_DOWN: License Server Down [dec]`

Explanation A connection to the license server was lost.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `LICMGR-3-LOG_LIC_SPROM_LIC: Feature [chars] issued [dec] licenses without a valid license file.`

Explanation Feature [chars] has been licensed [dec] times without a valid license file. This means one or more license files are missing for feature [chars] and must be reinstalled.

Recommended Action Please install the license file to continue using the feature.

Error Message `LICMGR-3-LOG_LIC_TOO_MANY_LIC: Only [dec] licenses are supported for [chars] feature, where as [dec] licenses are installed.`

Explanation More licenses are installed than allowed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `LICMGR-4-LOG_LICAPP_EXPIRY_WARNING: Application [chars] evaluation license [chars] expiry in [dec] days.`

Explanation Application [chars1] will exceed it's evaluation time period in [dec] days and will be shut down after a grace period unless a permanent license for feature [chars2] is installed.

Recommended Action Please install the license file to continue using the feature.

Error Message `LICMGR-4-LOG_LIC_LICENSE_EXPIRY_WARNING: Evaluation license for feature [chars] will expire in [dec] days.`

Explanation Feature [chars] will exceed it's evaluation time period in [dec] days and will be shut down.

Recommended Action Please install the license file to continue using the feature.

Error Message `LICMGR-6-LOG_CHECKPOINT_CREATED: created during license expiry.`

Explanation When a license expires, auto checkpoint is created to prevent configuration loss.

Recommended Action Rollback can be done to the created checkpoint when a new license is installed.

Error Message `LICMGR-6-LOG_LIC_FEATURE_CLEARED: Cleared [dec] license(s) for feature [chars].`

Explanation Uninstalled [dec] license(s) for feature [chars].

Recommended Action Use the 'show license usage' command to verify this license feature removal.

Error Message `LICMGR-6-LOG_LIC_FEATURE_INSTALLED: Installed [dec] license(s) for feature [chars].`

Explanation Installed [dec] license(s) for feature [chars].

Recommended Action Use the 'show license usage' command to verify this license feature installation.

Error Message `LICMGR-6-LOG_LIC_LICENSE_CLEARED_ALL: Cleared all licenses.`

Explanation Cleared all license files.

Recommended Action No action is required.

Error Message LICMGR-6-LOG_LIC_LICENSE_CLEARED: Cleared license file [chars].

Explanation Uninstalled the named license file.

Recommended Action Use the 'show license' command to verify this license removal.

Error Message LICMGR-6-LOG_LIC_LICENSE_INSTALLED: Installed license file [chars].

Explanation Installed the named license file.

Recommended Action Use the 'show license' command to verify this license installation.

Error Message LLDP-3-DETECT_MULTIPLE_PEERS: Multiple peers detected on [chars]

Explanation Multiple peers detected on an interface

Recommended Action No action is required.

Error Message LLDP-3-INVALID_DCBXP_RECEIVED: Received an invalid DCBXP on [chars]

Explanation Received an invalid DCBXP on an interface

Recommended Action No action is required.

Error Message LLDP-3-INVALID_LLDP_RECEIVED: Received an invalid LLDP on [chars]

Explanation Received an invalid LLDP on an interface

Recommended Action No action is required.

Error Message LLDP-3-LLDP_INTERNAL_ERROR: LLDP internal error: [chars]

Explanation Internal error is encountered

Recommended Action No action is required.

Error Message LLDP-5-LLDP_DISABLED: LLDP Disabled

Explanation LLDP Service Disabled

Recommended Action No action is required.

Error Message LLDP-5-LLDP_ENABLED: LLDP Enabled

Explanation LLDP Service Enabled

Recommended Action No action is required.

Error Message `LLDP-5-SERVER_ADDED: Server with Chassis ID [chars] Port ID [chars] management address [chars] discovered on local port [chars] in vlan [dec] with enabled capability [chars]`

Explanation A new peer is discovered

Recommended Action No action is required.

Error Message `LLDP-5-SERVER_REMOVED: Server with Chassis ID [chars] Port ID [chars] on local port [chars] has been removed`

Explanation A peer is removed

Recommended Action No action is required.

Error Message `LLDP-6-DETECT_REMOTE_CHANGE: Remote change detected on [chars]`

Explanation Remote change detected on an interface

Recommended Action No action is required.

Error Message `LLDP-6-DETECT_REMOTE_DCBXP_CHANGE: Remote DCBXP change detected on [chars]`

Explanation Remote DCBXP change detected on an interface

Recommended Action No action is required.

Error Message `MAC-SLOT#-2-MAC_INFO: [chars]`

Explanation MAC Informational message

Recommended Action No action is required.

Error Message `MCAST-2-SHUTDOWN: Process shutting down: [chars]`

Explanation Mcast is shutting down

Recommended Action The action depends on the situation. The multicast process can shut down gracefully because of a system restart (in which case no action needs to take place) or because of a failure. The message associated with the syslog should be self explanatory to understand the reason for the shutdown. If the process is able to restart properly, there is no immediate harm for the system stability and the suggested action is to report the syslog event together with an explanation of the operations most recently performed on the system.

Error Message `MCAST-4-ERROR: [chars]`

Explanation Mcast encountered a generic error

Recommended Action No action is required.

Error Message `MCAST-5-BAD_MSG: Received bad message: [chars]`

Explanation Mcast has received a malformed/unrecognized message

Recommended Action No action is required.

Error Message `MCAST-5-START: Process has been started`

Explanation Mcast has been started

Recommended Action No action is required.

Error Message `MCECTEST-3-ASSERTION_FAILED: [chars]`

Explanation MCECTEST has hit an assert condition at file [chars]

Recommended Action No action is required.

Error Message `MCECTEST-3-INIT_FAIL: [chars]`

Explanation MCECTEST Initialization failed. due to [chars]

Recommended Action No action is required.

Error Message `MCECTEST-3-INTERNAL_ERR: [chars]`

Explanation MCECTEST encountered an internal error due to [chars]

Recommended Action No action is required.

Error Message `MCECTEST-3-MTS_ERR: [chars]`

Explanation MCECTEST encountered an MTS error due to [chars]

Recommended Action No action is required.

Error Message `MCECTEST-5-MCECTEST_DISABLED: MCECTEST Disabled`

Explanation MCECTEST Service Disabled

Recommended Action No action is required.

Error Message `MCECTEST-5-MCECTEST_ENABLED: MCECTEST Enabled`

Explanation MCECTEST Service enabled

Recommended Action No action is required.

Error Message `MCECTEST-6-INTERNAL_INFO: [chars]`

Explanation MCECTEST got an internal info [chars]

Recommended Action No action is required.

Error Message `MCM-2-MCM_CRITICAL_ERROR: Internal Critical Error`

Explanation Some critical error

Recommended Action No action is required.

Error Message `MCM-2-MCM_REQ_RESP_ERROR: Error ([hex]: [chars]) while communicating with component :[chars], opcode: [chars] (for: [chars])`

Explanation Error in request-response handshake

Recommended Action No action is required.

Error Message `MCM-5-MCM_ROUTING_DISABLED: Proxy layer-3 modules are not available. Routing is Disabled.`

Explanation Routing is disabled

Recommended Action No action is required.

Error Message `MCM-5-MCM_SDB_UPDATE_FAILED: sdb update failed with ret_val [dec]`

Explanation SDB updated failed for MCM

Recommended Action No action is required.

Error Message `MCM-6-MCM_ROUTING_ENABLED: Proxy layer-3 modules are UP. Routing is Enabled.`

Explanation Routing is enabled

Recommended Action No action is required.

Error Message `MFDM-2-DOWNLOAD_TIMEOUT: Download of L2/L3 route databases timed out : download_in_progress_slots [hex] download_in_progress_db [hex]`

Explanation Download of L2/L3 route databases timed out. Download triggered by VMM insert request.

Recommended Action No action is required.

Error Message `MFDM-2-INTERNAL_ERROR: MFDM-[chars] Internal error : show system internal mfdm errors for more information`

Explanation MFDM PD hit a internal error. show system internal mfdm errors for futher analysis.

Recommended Action No action is required.

Error Message `MODULE-2-LCM_PRE_UPGRADE_GENERAL_FAIL: Pre upgrade message fails seq [dec]`

Explanation Pre upgrade message failed.

Recommended Action No action is required.

Error Message `MODULE-2-LCM_UPGRADE_DONE_GENERAL_FAIL: Upgrade done message fails SAP [chars]`

Explanation Upgrade ready message failed.

Recommended Action No action is required.

Error Message `MODULE-2-LCM_UPGRADE_OVER_FAIL: Upgrade over message returned [dec] [hex] for SAP [dec]`

Explanation Upgrade done message failed.

Recommended Action No action is required.

Error Message `MODULE-2-LCM_UPGRADE_READY_FAIL: Upgrade ready message returned [dec] [hex] for SAP [dec]`

Explanation Upgrade ready message failed.

Recommended Action No action is required.

Error Message `MODULE-2-LCM_UPGRADE_READY_GENERAL_FAIL: Upgrade ready message fails SAP [chars]`

Explanation Upgrade ready message failed.

Recommended Action No action is required.

Error Message `MODULE-2-MOD_DIAG_FAIL: Module [dec] (serial: [chars]) reported failure [chars] due to [chars] in device [dec] (device error [hex])`

Explanation The module in slot [decimal digit] reported a failure in the runtime diagnostic. Module manager is going to power cycle the module.

Recommended Action Collect information about the module by issuing the command 'show module internal all module [decimal digit]'.

Error Message `MODULE-2-MOD_DNLD_FAIL: Image download failed for module [dec] (serial: [chars])`

Explanation Module [decimal digit] failed to download a new image from the supervisor.

Recommended Action Collect information about the module by issuing the command 'show module internal all module [decimal digit]'.

Error Message `MODULE-2-MOD_FAIL: Initialization of module [dec] (serial: [chars]) failed`

Explanation Module [decimal digit] reported a failure during the initialization phase and will be powered down.

Recommended Action Collect information about the module by issuing the commands 'show module_internal all module <module number>'.

Error Message `MODULE-2-MOD_MAJORSWFAIL: Module [dec] (serial: [chars]) reported a critical failure in service [chars]`

Explanation A critical failure in service [string] happened at module [decimal digit] is going to reset the module [decimal digit].

Recommended Action Collect information about the module by issuing the command 'show module internal all module [decimal digit]'.

Error Message `MODULE-2-MOD_MINORSWFAIL: Module [dec] (serial: [chars]) reported a failure in service [chars]`

Explanation A non-critical failure in service [string] happened at module [decimal digit] is not going to reset the module [decimal digit].

Recommended Action Collect information about the module by issuing the command 'show module internal all module [decimal digit]'.

Error Message `MODULE-2-MOD_NOT_ALIVE: Module [dec] not responding... resetting (serial: [chars])`

Explanation Module [decimal digit] is not replying to the hello message: module manager is then going to reset the module.

Recommended Action No action is required.

Error Message `MODULE-2-MOD_REGFAILED: Registration failed for module [dec]`

Explanation Module [decimal digit] sent the registration message notifying a failure.

Recommended Action Collect module internal information by issuing the command 'show module internal all module [decimal digit]'.

Error Message `MODULE-2-MOD_SOMEPORTS_FAILED: Module [dec] (serial: [chars]) reported failure on ports [dec]/[dec]-[dec]/[dec] ([chars]) due to [chars] in device [dec] (error [hex])`

Explanation Module [decimal digit] reported a failure in the runtime diagnostic due to failure in some of the ports.

Recommended Action Collect information about the module by issuing the command 'show module internal all module [decimal digit]'.

Error Message `MODULE-2-MOD_UNKNOWN: Module type [[dec]] in slot [dec] is not supported`

Explanation The software card id of module [decimal digit] is not supported by the supervisor.

Recommended Action Collect information about the module by issuing the commands 'show module internal all module [decimal digit]'

Error Message `MODULE-2-XBAR_DIAG_FAIL: Xbar [dec] (serial: [chars]) reported failure [chars] due to [chars] in device [dec] (device error [hex])`

Explanation The xbar in slot [decimal digit] reported a failure in the runtime diagnostic. Module manager is going to power cycle the module.

Recommended Action Collect information about the module by issuing the command 'show module internal all xbar [decimal digit]'.

Error Message `MODULE-2-XBAR_FAIL: Initialization of xbar [dec] (serial: [chars]) failed`

Explanation Xbar [decimal digit] reported a failure during the initialization phase and will be powered down.

Recommended Action Collect information about the module by issuing the commands 'show module_internal all xbar <module number>'.

Error Message `MODULE-2-XBAR_SOMEPORTS_FAILED: Xbar [dec] (serial: [chars]) reported failure on ports [dec]/[dec]-[dec]/[dec] ([chars]) due to [chars] in device [dec] (error [hex])`

Explanation Xbar [decimal digit] reported a failure in the runtime diagnostic due to failure in some of the ports.

Recommended Action Collect information about the module by issuing the command 'show module internal all xbar [decimal digit]'.

Error Message `MODULE-2-XBAR_UNKNOWN: Xbar type [[dec]] in slot [dec] is not supported`

Explanation The software card id of xbar [decimal digit] is not supported by the supervisor.

Recommended Action Collect information about the module by issuing the commands 'show module internal all xbar [decimal digit]'

Error Message `MODULE-3-MOD_SRG_NOT_COMPATIBLE: Module [dec] (serial: [chars]) firmware is not compatible with supervisor, downloading new image`

Explanation The software version of module [decimal digit] is not supported by the supervisor.

Recommended Action Collect information about the module by issuing the command 'show module internal all module [decimal digit]'.

Error Message `MODULE-4-MOD_WARNING: Module [dec] (serial: [chars]) reported warning [chars] due to [chars] in device [dec] (device error [hex])`

Explanation Module [decimal digit] reported a warning in the runtime diagnostic due to failure in some of the ports.

Recommended Action Collect information about the module by issuing the command 'show module internal all module [decimal digit]'.

Error Message `MODULE-4-XBAR_WARNING: Xbar [dec] (serial: [chars]) reported warning [chars] due to [chars] in device [dec] (device error [hex])`

Explanation Xbar [decimal digit] reported a warning in the runtime diagnostic due to failure in some of the ports.

Recommended Action Collect information about the module by issuing the command 'show module internal all xbar [decimal digit]'.

Error Message `MODULE-5-ACTIVE_SUP_OK: Supervisor [dec] is active (serial: [chars])`

Explanation Module [decimal digit] is ready to be configured and be able to switch traffic.

Recommended Action No action is required.

Error Message `MODULE-5-LCM_MODULE_UPGRADE_END: Upgrade of module [dec] ended`

Explanation Upgrade of the module has ended.

Recommended Action No action is required.

Error Message `MODULE-5-LCM_MODULE_UPGRADE_START: Upgrade of module [dec] started`

Explanation Upgrade of the module has been started by installer

Recommended Action No action is required.

Error Message `MODULE-5-MOD_OK: Module [dec] is online (serial: [chars])`

Explanation Module [decimal digit] is ready to be configured and be able to switch traffic.

Recommended Action No action is required.

Error Message `MODULE-5-MOD_REINIT: Re-initializing module [dec] (serial: [chars])`

Explanation Module [decimal digit] reported a failure during the initialization phase and will be rebooted.

Recommended Action Collect information about the module by issuing the commands 'show module_internal all module <module number>'.

Error Message `MODULE-5-MOD_RESTART: Module [dec] is restarting after image download`

Explanation Module [decimal digit] completed image download and is restarting.

Recommended Action No action is required.

Error Message `MODULE-5-MOD_STARTUP_CFG_MISMATCH: The startup configuration cannot be applied to a different module type for module [dec] (serial: [chars]). [chars] module is replacing [chars].`

Explanation The startup configuration for module [decimal digit] contains information about a different type of module instead of containing information about the current one.

Recommended Action No action is required.

Error Message `MODULE-5-STANDBY_SUP_OK: Supervisor [dec] is standby`

Explanation Module [decimal digit] is ready to be configured and be able to switch traffic.

Recommended Action No action is required.

Error Message `MODULE-5-XBAR_OK: Xbar [dec] is online (serial: [chars])`

Explanation Xbar [decimal digit] is ready to be configured and be able to switch traffic.

Recommended Action No action is required.

Error Message `MODULE-5-XBAR_REINIT: Re-initializing xbar [dec] (serial: [chars])`

Explanation Xbar [decimal digit] reported a failure during the initialization phase and will be rebooted.

Recommended Action Collect information about the module by issuing the commands 'show module_internal all xbar <module number>'.

Error Message `MODULE-6-MOD_PURGE_CONFIG: Purging the configuration for module [dec]`

Explanation Notification is being sent to remove the module configurations.

Recommended Action No action is required.

Error Message `MODULE-6-MOD_REG_OK: Registration succeeded for module [dec]`

Explanation Module [decimal digit] sent a successful registration message.

Recommended Action No action is required.

MONITOR Messages

MONITOR-3

Error Message `MONITOR-3-ETH_SPAN_CFG_DEST_IF_MEMBER_SRC_PROFILE: ERROR: Interface [[chars]] configured in session [[dec]] and being inherited by port profile [[chars]] in another session`

Explanation An interface is configured as destination and source at the same time (one as being inherited by a port-profile and the other as being directly configured as a source/destination of a session. This may result of monitor traffic loss in the interface. Please remove the interface from the port profile or from the monitor session.

Recommended Action No action is required.

MONITOR-5

Error Message `MONITOR-5-ETH_SPAN_SESSION_DOWN: Session [dec] is down. Reason "[chars]"`

Explanation Session is down, no further traffic will be spanned.

Recommended Action No action is required.

Error Message `MONITOR-5-ETH_SPAN_SESSION_ERROR: Session [dec] is having error. Reason "[chars]"`

Explanation The session is experiencing a problem.

Recommended Action Delete the session and try to reconfigure it

Error Message `MONITOR-5-ETH_SPAN_SESSION_UP: Session [dec] is up.`

Explanation Session is up now. You can monitor Spanned traffic at the destination ports

Recommended Action No action is required.

Error Message `MONITOR-6-ETH_SPAN_SESSION_CREATED: Session [dec] created`

Explanation A new span session has been created.

Recommended Action No action is required.

Error Message `MONITOR-6-ETH_SPAN_SESSION_DELETED: Session [dec] deleted`

Explanation Session has been deleted.

Error Message `NFM-2-COMMIT_FAIL: Commit failed: client [hex], [chars]`

Explanation The DDB commit failed

Recommended Action No action is required.

Error Message `NFM-2-DDB_FAILURE: DDB failure: [chars]`

Explanation A DDB generated failure

Recommended Action No action is required.

Error Message `NFM-2-EXITING: Exit reason: [chars]`

Explanation The NFM service process has exited due to [char]. The process has probably been restarted automatically.

Recommended Action No action is required.

Error Message `NFM-2-INIT_FAIL: NFM Service Init failed: [chars]`

Explanation NFM Service initialization failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message `NFM-2-MALLOC_ERROR: Function [chars]: Size [dec] bytes`

Explanation The NFM service could not allocate memory.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `NFM-2-PSS_ERROR: [chars]: PSS ret. val=[dec]`

Explanation The NFM service encountered error while operating on a persistent storage database.

Recommended Action No action is required.

Error Message `NFM-2-VERIFY_FAIL: Verify failed - Client [hex], Reason: [chars], Interface: [chars]`

Explanation The DDB Verify failed

Recommended Action No action is required.

Error Message `NFM-3-DDB_ERROR: DDB error: [chars]`

Explanation The DDB generated error

Recommended Action No action is required.

Error Message `NFM-3-FEATURE_MANAGER_ERROR: [chars]: An error occurred processing a Feature Manager msg - error [chars]`

Explanation An error occurred while processing a message from FEATURE Manager

Recommended Action No action is required.

Error Message `NFM-3-HANDLE_IN_USE: [chars]: name: [chars]`

Explanation The NFM service encountered a handle that was in use while reading a persistent storage database.

Recommended Action No action is required.

Error Message `NFM-3-INVALID_HANDLE: [chars]: handle =[hex]`

Explanation The NFM service encountered an invalid handle in a persistent storage database.

Recommended Action No action is required.

Error Message `NFM-3-MONITOR_NOT_FOUND: Monitor with handle [hex] from source [hex]`

Explanation An Export Msg from a Linecard contained an invalid Monitor handle

Recommended Action No action is required.

Error Message `NFM-3-MTS_ERROR: NFM encountered the following MTS error: [chars]`

Explanation NFM Service encountered an MTS error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

Error Message `NFM-3-NFM_DDB_ERROR: DDB error: [chars]`

Explanation The DDB generated error

Recommended Action No action is required.

Error Message `NFM-3-PSS_CORRUPTED: [chars] PSS found corrupted`

Explanation The NFM service has detected corruption in one of its persistent information database. The database would be recreated.

Recommended Action No action is required.

Error Message `NFM-3-VLAN_PARSE_ERROR: [chars]: An error occurred processing a VLAN Mgr Parse msg [hex]`

Explanation An error occurred while processing a message from VLAN Manager

Recommended Action No action is required.

Error Message `NFM-4-DDB_WARNING: DDB warning: [chars]`

Explanation The DDB generated warning

Recommended Action No action is required.

Error Message `NFM-4-LICENSE_EXPIRED: The License has expired.`

Explanation The NFM service requires a License to run and exits when the License expires.

Recommended Action No action is required.

Error Message `NFM-4-NFM_DDB_WARNING: DDB warning: [chars]`

Explanation The DDB generated warning

Recommended Action No action is required.

Error Message `NFM-4-PSS_VERSION_MISMATCH: PSS [dec] Code [dec]`

Explanation There was a version mismatch between the NFM service and one of its persistent storage databases. The persistent information has been translated to the new format.

Recommended Action No action is required.

Error Message `NFM-5-FEATURE_DISABLED: NetFlow Disabled.`

Explanation NetFlow Feature Disabled.

Recommended Action No action is required.

Error Message `NFM-5-FEATURE_ENABLED: NetFlow Enabled.`

Explanation NetFlow Feature Enabled.

Recommended Action No action is required.

Error Message `NFM-6-BECAME_ACTIVE: Became ACTIVE from standby mode`

Explanation The NFM service on the standby supervisor became active and it is ready to serve client requests.

Recommended Action No action is required.

Error Message `NFM-6-BECAME_STDBY: Became STANDBY from active mode`

Explanation The NFM service became standby from active mode.

Recommended Action No action is required.

Error Message `NFM-6-DDB_NOTIF: DDB notification: [chars]`

Explanation The DDB generated notification

Recommended Action No action is required.

Error Message `NFM-6-FAILED_TO_SEND_HEARTBEAT: Failed to send heartbeat to system manager: Reason=[chars]`

Explanation The NFM service was unable to send heartbeat to the system manger

Recommended Action No action is required.

Error Message `NFM-6-NFM_DDB_NOTIF: DDB notification: [chars]`

Explanation The DDB generated notification

Recommended Action No action is required.

Error Message `NFM-6-SERVICE_UP: Initialized [chars]`

Explanation The NFM service is up and ready The service was initialized in [char] mode.

Recommended Action No action is required.

Error Message `NFM-6-SRV_EXIT: NFM Service shutting down gracefully`

Explanation NFM Service is shutting down gracefully. This is an informational message.

Recommended Action No action is required.

Error Message `NFM-6-SWITCH_OVER: Switching Over to other Sup.`

Explanation The NFM service has successfully switched over to the standby supervisor card.

Recommended Action No action is required.

Error Message `NFM-7-DEBUG: [chars]`

Explanation Debug information is being sent to syslog

Recommended Action No action is required.

Error Message `NFP-SLOT#-2-NF_ACL_ERR: [chars]([dec]): acl error. [chars]`

Explanation Acl error

Recommended Action No DDTS.

Error Message `NFP-SLOT#-2-NF_DDB_ERR: [chars]([dec]): ddb error. [chars]`

Explanation Ddb error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `NFP-SLOT#-2-NF_ERR: [chars]([dec]): nfp error. [chars]`

Explanation Nfp error occured

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `NFP-SLOT#-2-NF_FIB_ERR: [chars]([dec]): fib error. [chars]`

Explanation Fib error

Recommended Action No DDTS.

Error Message `NFP-SLOT#-2-NF_NDE_ERR: [chars]([dec]): nde error. [chars]`

Explanation Nde error

Recommended Action No DDTS.

Error Message `NFP-SLOT#-2-NF_NFM_ERR: [chars]([dec]): nfm error. [chars]`

Explanation Nfm error

Recommended Action No DDTS.

Error Message `NFP-SLOT#-2-NF_QOS_ERR: [chars]([dec]): qos error. [chars]`

Explanation Qos error

Recommended Action No DDTS.

Error Message `NFP-SLOT#-5-NF_INFO: [chars]`

Explanation The system has detected an error.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `NOHMS-2-NOHMS_DIAG_ERROR: [chars]`

Explanation Diagnostics erorr

Recommended Action Show diagnostics bootup result module all

Error Message NOHMS-2-NOHMS_DIAG_ERR_PS_FAIL: [chars]

Explanation Power Supply has failed or has been shutdown

Recommended Action Please perform a 'show environment power' to collect more information. Please refer to power supply document on increasing decreasing power supply capacity, configuring power supplies, etc.

Error Message NOHMS-2-NOHMS_DIAG_ERR_PS_RECOVERED: [chars]

Explanation Power Supply recovered from minor alarm

Recommended Action Show environment

Error Message NOHMS-2-NOHMS_DIAG_ERR_PS_VOLT: [chars]

Explanation Invalid input voltage on power supply. Only 220V input voltage is supported.

Recommended Action Please perform show environment

Error Message NOHMS-2-NOHMS_ENV_ERROR: [chars]

Explanation Environmental erorr

Recommended Action Show environment

Error Message NOHMS-2-NOHMS_ENV_ERR_ALL_FAN_UP: [chars]

Explanation Fan recovered from system minor alarm

Recommended Action Show environment

Error Message NOHMS-2-NOHMS_ENV_ERR_FANS_DOWN: [chars]

Explanation System major alarm on fans. Multiple fan modules are missing or have failed.

Recommended Action Show environment

Error Message NOHMS-2-NOHMS_ENV_ERR_FANS_UP: [chars]

Explanation Fan recovered from system major alarm.

Recommended Action Show environment

Error Message NOHMS-2-NOHMS_ENV_ERR_FAN_DIR: [chars]

Explanation Fan direction mismatch between modules

Recommended Action Show environment

Error Message NOHMS-2-NOHMS_ENV_ERR_FAN_DOWN: [chars]

Explanation System minor alarm on fans. Fan module is missing or has failed.

Recommended Action Show environment

Error Message NOHMS-2-NOHMS_ENV_ERR_FAN_MAJ: [chars]

Explanation Multiple fan modules are down. This can lead to overheating and temperature alarms

Recommended Action Show environment

Error Message NOHMS-2-NOHMS_ENV_ERR_FAN_MIN: [chars]

Explanation Fan module failed POST

Recommended Action Show environment

Error Message NOHMS-2-NOHMS_ENV_ERR_FAN_READ: [chars]

Explanation Fan module failed to read TACH

Recommended Action Show environment

Error Message NOHMS-2-NOHMS_ENV_ERR_FAN_RECOVERED: [chars]

Explanation Fan recovered from system minor alarm.

Recommended Action Show environment

Error Message NOHMS-2-NOHMS_ENV_ERR_FAN_SPEED: [chars]

Explanation System minor alarm on fans. Fan speed is out of range.

Recommended Action Show environment

Error Message NOHMS-2-NOHMS_ENV_ERR_FAN_WRITE: [chars]

Explanation System minor alarm on fans. Failed to set fan speed.

Recommended Action Show environment

Error Message NOHMS-2-NOHMS_ENV_ERR_TEMPMAJALRM: [chars]

Explanation Module in slot [decimal digit] has exceeded major temperature threshold.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message NOHMS-2-NOHMS_ENV_ERR_TEMPMINALRM: [chars]

Explanation Module in slot [decimal digit] has exceeded minor temperature threshold.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message NOHMS-2-NOHMS_ENV_ERR_TEMPOK: [chars]

Explanation Module in slot [decimal digit] recovered from major temperature threshold.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message NOHMS-2-NOHMS_ENV_ERR_TEMPRECOVER: [chars]

Explanation Module in slot [decimal digit] recovered from major temperature threshold. Minor threshold still exceeded.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message NOHMS-2-NOHMS_ENV_ERR_TEMP_SENSOR_FAIL: [chars]

Explanation Temperature sensor failed POST

Recommended Action Show environment

Error Message NOHMS-2-NOHMS_ENV_FEX_OFFLINE: [chars]

Explanation Fex off-line

Recommended Action Show inventory

Error Message NOHMS-2-NOHMS_ENV_FEX_ONLINE: [chars]

Explanation Fex on-line

Recommended Action Show inventory

Error Message NPC-SLOT#-3-LOG_NPC_ERR: Nonrecoverable error: [chars]

Explanation Errors which cause program to exit occurred

Recommended Action No action is required.

Error Message NPC-SLOT#-4-LOG_NPC_WARNING: Serious error: [chars]

Explanation Serious errors which affect all normal operations occurred

Recommended Action No action is required.

Error Message `NPC-SLOT#-5-LOG_NPC_DEBUG: Unexpected error: [chars]`

Explanation Unexpected errors which affect some normal operations occurred

Recommended Action No action is required.

Error Message `NPC-SLOT#-5-LOG_NPC_NVP_FSM: Illegal event received: [chars]`

Explanation Illegal event received in NPC_NVP FSM

Recommended Action No action is required.

Error Message `NPC-SLOT#-5-LOG_NPC_VSAN_FSM: Illegal event received: [chars]`

Explanation Illegal event received in NPC_VSAN FSM

Recommended Action No action is required.

Error Message `NPV-2-CFS_PEER_LOST_WITHIN_SESSION: CFS peer with switch wwn [chars] was lost in the middle of an active CFS session. Abort the CFS session and re-enter the configuration changes`

Explanation Due to port flaps, link outages, switch restart etc. a CFS peer switch of NPV was lost. The current configuration changes would not be applied to this peer until the peer merges with this switch. The CFS merge may fail if the configuration at the lost peer conflicts with the changes made in this session. It is recommended that the user abort this CFS session using ivr abort command and then re-enter the configuration changes.

Recommended Action No action is required.

Error Message `NPV-2-NPV_DISABLE_FAILED: NPV could not disabled : [chars] [chars]`

Explanation NPM could not disabled due to the reason specified. Please try again.

Recommended Action No action is required.

Error Message `NPV-2-NPV_ENABLE_FAILED: NPV could not enabled : [chars] [chars]`

Explanation NPM could not enabled due to the reason specified. Please try again.

Recommended Action No action is required.

Error Message `NPV-2-NPV_EXITED: NPV process exited in file [chars] at Line [chars]:[chars]`

Explanation NPM process encountered a critical error as specified, and so NPV process cannot continue.

Recommended Action No action is required.

Error Message `NPV-3-ACL_UPDATE_FAILED: [chars]`

Explanation ACL update request initiated by the NPV process has failed

Recommended Action No action is required.

Error Message `NPV-3-CFS_INVALID_PAYLOAD_RECEIVED: NPV received invalid payload from CFS`

Explanation NPV process received invalid payload from CFS.

Recommended Action No action is required.

Error Message `NPV-3-CLEAR_FAILED: [chars]`

Explanation An error occurred while clearing the lock. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `NPV-3-COMMIT_FAILED: [chars]`

Explanation An error occurred while committing configuration. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `NPV-3-COMMIT_PARTIALLY_FAILED: [chars]`

Explanation An error occurred while committing configuration. Configuration could not be committed on some switches. The reason for the failure : [chars]. Configuration can be inconsistent in the fabric.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `NPV-3-COMMIT_REJECTED: [chars]`

Explanation Commit request received from remote switch is rejected. The reason for the failure: [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `NPV-3-FC2_SEND_FAILED: [chars]`

Explanation NPV process could send an FC2 message.

Recommended Action No action is required.

Error Message `NPV-3-F_RJT_SENT: [chars]`

Explanation NPV process sent an F_RJT frame.

Recommended Action No action is required.

Error Message `NPV-3-INTERNAL_ERROR: Internal error: [chars]`

Explanation NPV process encountered a general error, one that does not fall in any of the categories. [chars] describes the error and its context.

Recommended Action No action is required.

Error Message `NPV-3-LCP_PROGRAMMING_FAILED: [chars]`

Explanation LCP programming request initiated by the NPV process has failed

Recommended Action No action is required.

Error Message `NPV-3-LOCK_FAILED: [chars]`

Explanation An error occurred while acquiring the lock. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `NPV-3-LS_RJT_RCVD: [chars]`

Explanation NPV process received an LS_RJT frame.

Recommended Action No action is required.

Error Message `NPV-3-LS_RJT_SENT: [chars]`

Explanation NPV process sent an LS_RJT frame.

Recommended Action No action is required.

Error Message `NPV-3-MALLOC_FAILED: [chars]`

Explanation NPV process could not allocate memory

Recommended Action No action is required.

Error Message `NPV-3-MERGE_ACTIVATION_FAILED: [chars]`

Explanation An error occurred while activating merged configuration. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `NPV-3-MERGE_FAILED: [chars]`

Explanation An error occurred while merging configuration. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `NPV-3-MTS_SEND_FAILED: [chars]`

Explanation NPV process could not send an MTS message.

Recommended Action No action is required.

Error Message `NPV-3-NPIV_DISABLE_FAILED: [chars]`

Explanation NPIV feature could not be disabled.

Recommended Action No action is required.

Error Message `NPV-3-NPV_CFS_IPV4_ENABLE_FAILED: CFS IPv4 distribution enable failed because [chars]`

Explanation NPV CFS distribution might not work. Try enabling it again on the command line. Make sure cfs distribution is enabled.

Recommended Action No action is required.

Error Message `NPV-3-PORT_BRINGUP_FAILED: [chars]`

Explanation NPV process has failed to bringup the port

Recommended Action No action is required.

Error Message `NPV-3-PORT_REINIT_FAILED: [chars]`

Explanation Port reinit request initiated by the NPV process has failed

Recommended Action No action is required.

Error Message `NPV-3-UNLOCK_FAILED: [chars]`

Explanation An error occurred while releasing the lock. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `NPV-4-NPV_NPIV_NOT_ENABLED_ON_UPSTREAM_SWITCH: [chars]`

Explanation This syslog is printed when the external interface fails to come up due to NPIV feature not enabled on the upstream switch.

Recommended Action Verify and enable NPIV feature in upstream switch.

Error Message `NPV-4-NPV_PORT_VSAN_MISMATCH_ON_UPSTREAM_LINK: [chars]`

Explanation This syslog is printed when the external interface fails to come up due to upstream port VSAN mis-match with the upstream switch.

Recommended Action Make sure port VSAN is same on both sides of this external link

Error Message `NPV-5-ASSERTION_FAILED: Unexpected assertion failure in File [chars] at Line [dec]`

Explanation An assertion failed in NPV code

Recommended Action No action is required.

Error Message `NPV-5-FLEXATTACH_VPWWN_AUTO_ASSIGNED: A virtual port WWN [chars] has been automatically assigned to interface [chars]`

Explanation The virtual port WWN will be used as port WWN for devices logging in on this interface.

Recommended Action No action is required.

Error Message `NPV-5-FLEXATTACH_VPWWN_MANUALLY_ASSIGNED: A virtual port WWN [chars] has been manually assigned to interface [chars]`

Explanation The virtual port WWN will be used as port WWN for devices logging in on this interface.

Recommended Action No action is required.

Error Message `NPV-5-FLEXATTACH_VPWWN_UNASSIGNED: The virtual port WWN has been unassigned from interface [chars]`

Explanation The physical port WWN will be used as port WWN for devices logging in on this interface.

Recommended Action No action is required.

Error Message `NPV-5-FRAME_DISCARDED: [chars]`

Explanation NPV process discarded an FC2 frame.

Recommended Action No action is required.

Error Message `NPV-5-NPV_LOAD_BALANCE_REINIT: Server ports reinitialized : [chars]`

Explanation Server ports are reinitialized to balance the loads on the external interfaces.

Recommended Action No action is required.

Error Message `NPV-5-UNEXPECTED_EVENT: [chars]`

Explanation NPV process has received an unexpected event in the current state.

Recommended Action No action is required.

Error Message `NPV-6-ABTS_SENT: [chars]`

Explanation NPV process sent an ABTS frame.

Recommended Action No action is required.

Error Message `NPV-6-ELS_CMD_SENT_TO_CORE: [chars]`

Explanation NPV process sent an ELS frame to the core switch.

Recommended Action No action is required.

Error Message `NPV-6-ELS_CMD_SENT_TO_SRV: [chars]`

Explanation NPV process sent an ELS frame to the server.

Recommended Action No action is required.

Error Message `NPV-6-EXT_IF_SELECTED: [chars]`

Explanation NPV process has selected an external interface to forward either all frames received on a server interface or frames received from a specific port WWN.

Recommended Action No action is required.

Error Message `NPV-6-FABRIC_PROXY_LOGO_SENT: [chars]`

Explanation NPV process sent a LOGO frame to the device as the corresponding external interface went down.

Recommended Action No action is required.

Error Message `NPV-6-FDISC_RCVD: [chars]`

Explanation NPV process received an FDISC frame.

Recommended Action No action is required.

Error Message `NPV-6-FDISC_SENT: [chars]`

Explanation NPV process sent an FDISC frame to the core switch.

Recommended Action No action is required.

Error Message `NPV-6-FLOGI_RCVD: [chars]`

Explanation NPV process received an FLOGI frame.

Recommended Action No action is required.

Error Message `NPV-6-INTERNAL_FLOGI_SENT: [chars]`

Explanation NPV process sent an internal FLOGI frame to the core switch on an external interface.

Recommended Action No action is required.

Error Message `NPV-6-LOGO_RCVD: [chars]`

Explanation NPV process received a LOGO frame.

Recommended Action No action is required.

Error Message `NPV-6-LOGO_SENT: [chars]`

Explanation NPV process sent a LOGO frame.

Recommended Action No action is required.

Error Message `NPV-6-LS_ACC_RCVD: [chars]`

Explanation NPV process received an LS_ACC frame.

Recommended Action No action is required.

Error Message `NPV-6-LS_ACC_SENT: [chars]`

Explanation NPV process sent an LS_ACC frame.

Recommended Action No action is required.

Error Message `NPV-6-MTS_NOTIF_RCVD: [chars]`

Explanation NPV process received an MTS notification.

Recommended Action No action is required.

Error Message `NPV-6-MTS_NOTIF_SENT: [chars]`

Explanation NPV process sent an MTS notification.

Recommended Action No action is required.

Error Message `NPV-6-MTS_REQ_RCVD: [chars]`

Explanation NPV process received an MTS request.

Recommended Action No action is required.

Error Message `NPV-6-MTS_REQ_SENT: [chars]`

Explanation NPV process sent an MTS request.

Recommended Action No action is required.

Error Message `NPV-6-MTS_RESP_RCVD: [chars]`

Explanation NPV process received an MTS response.

Recommended Action No action is required.

Error Message `NPV-6-MTS_RESP_SENT: [chars]`

Explanation NPV process sent an MTS response.

Recommended Action No action is required.

Error Message `NPV-6-NPIV_DISABLED: [chars]`

Explanation NPIV feature has been disabled.

Recommended Action No action is required.

Error Message `NPV-6-NPIV_ENABLED: [chars]`

Explanation NPIV feature has been enabled.

Recommended Action No action is required.

Error Message `NPV-6-NPV_ENABLE_DISABLE_IN_PROGRESS: [chars]`

Explanation NPV feature enable/disable is in progress. This syslog is printed at the beginning of various significant phases.

Recommended Action No action is required.

Error Message `NPV-6-NPV_LOAD_BALANCE_TIMER_START: (Re)starting automatic load balancing timer for [dec] seconds`

Explanation Timer started for upon external interface up or server interface down. When the timer goes off some of the server interfaces may be reinitialized to evenly distribute the server interfaces amongst the eligible external interfaces.

Recommended Action No action is required.

Error Message `NPV-6-SERVER_PROXY_LOGO_SENT: [chars]`

Explanation NPV process sent a LOGO frame to the core switch as the server interface went down.

Recommended Action No action is required.

Error Message `NPV-7-CFS_REQ_RCVD: [chars]`

Explanation CFS request is received. The WWN of the switch originated this request and the rr-token of the request are provided in the syslog message.

Recommended Action No action is required.

Error Message `NPV-7-CFS_RESP_SENT: [chars]`

Explanation CFS response is sent. The rr-token of the corresponding request and the status are provided in the syslog message

Recommended Action No action is required.

Error Message `NTP-2-NTP_SYSLOG_CRIT_ERR: : [chars]`

Explanation NTP syslog Critial Error : [chars].

Recommended Action No action is required.

Error Message `NTP-2-NTP_SYSLOG_INIT_FAIL: : [chars]`

Explanation NTP Initialization Failed: [chars] [chars].

Recommended Action No action is required.

Error Message `NTP-2-NTP_SYSLOG_NO_RESP_FROM_LC: from LC[dec] for [chars]`

Explanation NTP did not receive response from the linecard for the request sent.

Recommended Action No action is required.

Error Message `NTP-3-NTP_SYSLOG_ALLOC_FAIL: : [chars]`

Explanation NTP syslog allocation failed : [chars].

Recommended Action No action is required.

Error Message `NTP-3-NTP_SYSLOG_ERR_EXT: : [chars] [chars]`

Explanation NTP syslog Error Exit : [chars] [dec].

Recommended Action No action is required.

Error Message `NTP-3-NTP_SYSLOG_ERR: : [chars]`

Explanation NTP syslog Error : [chars].

Recommended Action No action is required.

Error Message `NTP-3-NTP_SYSLOG_MTS_ERR: : [chars]`

Explanation NTP MTS Error : [chars].

Recommended Action No action is required.

Error Message `NTP-6-NTP_SYSLOG_CREATED: : [chars]; Slot No: [dec]`

Explanation NTP syslog created : [chars] [chars].

Recommended Action No action is required.

Error Message `NTP-6-NTP_SYSLOG_EXIT: : [chars]`

Explanation NTP syslog Exit : [chars].

Recommended Action No action is required.

Error Message `NTP-6-NTP_SYSLOG_LOGGING: : [chars]`

Explanation NTP logging : [chars].

Recommended Action No action is required.

Error Message `NTP-6-NTP_SYSLOG_WARN: : [chars]`

Explanation NTP syslog Warning : [chars].

Recommended Action No action is required.

Error Message `NVP-6-NVP_INFO: [chars]`

Explanation NVP daemon informational message

Recommended Action No action is required.

Error Message `NVP-6-STARTING: deamon started`

Explanation The NVP daemon successfully started

Recommended Action No action is required.

Error Message `NVP-SLOT#-2-CPP_CATASTROPHIC_ERROR: ERROR: Component ([chars]) caused critical error please reboot SSM`

Explanation Component caused critical error

Recommended Action Restart the linecard

Error Message `OC_USD-2-RF_CRC: [chars]`

Explanation Octopus received packets with CRC error from fabric

Recommended Action No action is required.

Error Message `ORI_FWD-2-CRIT_MSG: [chars]`

Explanation Debug log message

Recommended Action No action is required.

Error Message `ORI_FWD-6-ORF_DEBUG_MSG: [chars]`

Explanation Debug log message

Recommended Action No action is required.

Error Message `ORI_MAC-2-ORI_MAC_CRIT_MSG: [chars]`

Explanation Debug log message

Recommended Action No action is required.

Error Message `ORI_MAC-6-ORI_MAC_DEBUG_MSG: [chars]`

Explanation Debug log message

Recommended Action No action is required.

Error Message `OTM-2-OTM_EEM_FAIL: OTM failed to register with EEM`

Explanation OTM process failed to register with eem, exiting now

Recommended Action No action is required.

Error Message `OTM-3-OTM_ERROR: [chars] [chars]`

Explanation [chars1][chars2]

Recommended Action No action is required.

Error Message `OTM-5-OTM_OBJECT_STATUS: Status of tracking object [dec] changed to [chars]`

Explanation Status of tracking object [dec] changed to [chars]

Recommended Action No action is required.

Error Message `OTM-6-OTM_EXITED: OTM process exited`

Explanation OTM process is terminated

Recommended Action No action is required.

Error Message `OTM-6-OTM_OBJ_ADD: : Tracking object [dec] configured, status of the object [chars]`

Explanation Tracking Object [dec] configured, status of the object [chars]

Recommended Action No action is required.

Error Message `OTM-6-OTM_OBJ_REM: : Tracking object [dec] removed`

Explanation Tracking Object [dec] removed

Recommended Action No action is required.

Error Message `OTM-6-OTM_STARTED: OTM process started`

Explanation OTM process is up and running

Recommended Action No action is required.

Error Message `OTM-6-OTM_TRACK_START: Client started tracking object [dec]`

Explanation Client has started tracking object [dec]

Recommended Action No action is required.

Error Message `OTM-6-OTM_TRACK_STOP: Client stopped tracking object [dec]`

Explanation Client has stopped tracking object [dec]

Recommended Action No action is required.

Error Message `PFMA-0-CHASSIS_CLKSWITCH: Hardware clock switched to redundant clock-[dec]`

Explanation Clock module on chassis deteted a failure and switched to redundant clock module.

Recommended Action Please perform a 'show platform internal info' to collect more information.

Error Message `PFMA-0-CHASSIS_CLKSWRESET: Switch reset due to clock switch`

Explanation Chassis clock source has failed and system will be reset. System will automatically start using redundant clock module.

Recommended Action Please refer to the platform document on clock modules.

Error Message `PFMA-0-CHASSIS_CLKSW_MODULE_RESET: Modules reset due to clock switch`

Explanation Chassis clock source has switched and all Vegas line cards will be reset. System will automatically continue using redundant clock module.

Recommended Action Please refer to the platform document on clock modules.

Error Message `PFMA-0-FAIL_REMOVED: Fan module removed. Fan[dec] has been absent for [dec] seconds`

Explanation Fan module is removed. This could lead to temperature alarms.

Recommended Action Replace the fan module ASAP.

Error Message `PFMA-0-MOD_TEMPMAJALRM: [chars] reported Major temperature alarm. Sensor=[dec] Temperature=[dec] MajThreshold=[dec]`

Explanation Module in slot [decimal digit] exceeded major temperature threshold.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message `PFMA-0-MOD_TEMPSHUTDOWN: [chars] powered down due to major temperature alarm for Sensor [dec].`

Explanation Module in slot [decimal digit] shutdown due to temperature exceeding major threshold.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message `PFMA-0-SUP_SPROM_ERROR: Unable to read SPROM for Sup in slot [dec]`

Explanation The supervisor in slot [decimal digit] was not able to read its SPROM.

Recommended Action No action is required.

Error Message `PFMA-0-SUP_WRONGSLOTNUM: Supervisor powered up in WRONG SLOT:[dec] (Serial number [chars])`

Explanation The supervisor is comming up in wrong slot [decimal digit].

Recommended Action No action is required.

Error Message `PFMA-0-SYS_FAN_DIR_MISMATCH: Fan dir mismatch is detected - WARNING`

Explanation Fan dir mismatch is detected, This could lead to temperature alarms.

Recommended Action Please perform a showenvfandetail'tocollectmoreinformation.'

Error Message `PFMA-0-SYS_LC_DRIVER_LOAD_FAILED: Failed to load linecard module drivers`

Explanation Failed to load drivers.

Recommended Action Image is possibly corrupt. Try to load a different image.

Error Message `PFMA-0-SYS_RESET: [chars] System shutdown in [dec] seconds`

Explanation System shutdown in [decimal digit] seconds.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message `PFMA-0-SYS_SHUTDOWN_FAN_REMOVAL: System shutdown in [dec] seconds due to fan removal`

Explanation System shutdown in [decimal digit] seconds due to removal of fan module.

Recommended Action Please perform a 'show env fan' to collect more information.

Error Message `PFMA-0-SYS_SHUTDOWN_MDS9124_FAN_FAIL: System shutdown in [dec] seconds due to less than 4 fans operating.`

Explanation System shutdown in [decimal digit] seconds due to less than 4 fans operating.

Recommended Action Please perform a 'show env fan' to collect more information.

Error Message `PFMA-0-SYS_SHUTDOWN: System shutdown in [dec] seconds due to major temperature alarm`

Explanation System shutdown in [decimal digit] seconds due to temperature exceeding major threshold.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message `PFMA-0-SYS_SUP_DRIVER_LOAD_FAILED: Failed to load supervisor module drivers`

Explanation Failed to load drivers.

Recommended Action Image is possibly corrupt. Try to load a different image

Error Message `PFMA-0-XBAR_CARD_CLK_FAIL: Xbar card in slot:[dec] (Serial number [chars]) encountered clock failure`

Explanation The xbar in slot [decimal digit] encountered clock failure.

Recommended Action No action is required.

Error Message `PFMA-0-XBAR_CARD_INCOMPAT_CHASSIS: Xbar card in slot:[dec] (Part number [chars]) Incompatible with backplane chassis Part Num:[chars]`

Explanation The xbar in slot [decimal digit] is incompatible with backplane chassis.

Recommended Action No action is required.

Error Message `PFMA-0-XBAR_WRONGSLOTNUM: Xbar powered up in WRONG SLOT:[dec] (Serial number [chars])`

Explanation The xbar in slot [decimal digit] powered up in wrong slot.

Recommended Action No action is required.

Error Message `PFMA-1-FAN_FAIL: Fan module Failed`

Explanation Fan module has failed and needs to be replaced. This can lead to overheating and temperature alarms.

Recommended Action Please perform a 'show platform internal info' to collect more information.

Error Message `PFMA-1-MDS9124_FAN_FAIL: Less than 4 required fans operating.`

Explanation Fan module has failed leaving less than 4 total fans operating. Fan needs to be replaced. This can lead to overheating and temperature alarms.

Recommended Action Please perform a 'show platform internal info' to collect more information.

Error Message `PFMA-1-XBAR_PWRDENY: Xbar [dec] can not be powered up due to insufficient power (Serial number [chars])`

Explanation Available power in power supplies is not sufficient to power up the xbar

Recommended Action You can verify available power and current usage using command 'show env power'. Please refer to power supply document on how to increase power supply capacity.

Error Message `PFMA-2-AUTO_DETECT_MODULE: [chars] automatic detection of module presence.`

Explanation Enable or disable automatic detection of module presence.

Recommended Action No action is required.

Error Message `PFMA-2-CASA_FAN_FAIL: Fan module [dec] Failed`

Explanation Fan module has failed and needs to be replaced. This can lead to overheating and temperature alarms.

Recommended Action Please perform a 'show platform internal info' to collect more information.

Error Message `PFMA-2-CASA_FAN_OK: Fan module [dec] ok`

Explanation Fan module is ok

Recommended Action No action is required.

Error Message `PFMA-2-CHASSIS_CLKMODFAULTY: Chassis clock module [dec] faulty`

Explanation Clock module on chassis is faulty or has been removed.

Recommended Action Please perform a 'show platform internal info' to collect more information.

Error Message `PFMA-2-CHASSIS_CLKMODOK: Chassis clock module [dec] ok`

Explanation Clock module on chassis is functioning properly.

Recommended Action No action is required.

Error Message `PFMA-2-CHASSIS_CLKSRC: Current chassis clock source is clock-[dec]`

Explanation The current chassis clock source is [decimal digit].

Recommended Action No action is required.

Error Message `PFMA-2-EJECTOR_STAT_CHANGED: Ejectors' status in slot [dec] has changed, Ejector1 is [chars], Ejector2 is [chars]`

Explanation Ejector status has changed

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `PFMA-2-ENV_SHUTDOWN: [chars] system shutdown due to environmental alarms.`

Explanation Enable or disable system shutdown due to environmental alarms

Recommended Action No action is required.

Error Message `PFMA-2-FANLET_FAN_FAIL: Failed Fanlets for Fan [dec] ([chars] fan) : [chars]`

Explanation The specified fanlets have failed. This can lead to overheating and temperature alarms.

Recommended Action Please perform a 'show platform internal info' to collect more information.

Error Message `PFMA-2-FANMOD_FAN_FAIL: Fan module [dec] ([chars] fan) Failed/Removed`

Explanation Fan module has failed and needs to be replaced. This can lead to overheating and temperature alarms.

Recommended Action Please perform a 'show platform internal info' to collect more information.

Error Message `PFMA-2-FANMOD_FAN_OK: Fan module [dec] ([chars] fan) ok`

Explanation Fan module is ok

Recommended Action No action is required.

Error Message `PFMA-2-FAN_OK: Fan module ok`

Explanation Fan module is ok

Recommended Action No action is required.

Error Message `PFMA-2-FC_LICENSE_DESIRED: FCoE/FC feature will be [chars] after the configuration is saved followed by a reboot`

Explanation Enable or disable FCoE/FC feature

Recommended Action Please perform 'show license usage' and 'show fcoe' for more information

Error Message `PFMA-2-FEX_CONFIG_NOT_FOUND: Fex snmp config with swcardid: [dec] not found`

Explanation Fex snmp configs not found

Recommended Action No action is required.

Error Message `PFMA-2-FEX_FAN_DETECT: Fex [dec] Fan Module [dec] detected`

Explanation Fex Fan Module is detected

Recommended Action No action is required.

Error Message `PFMA-2-FEX_FAN_REMOVE: Fex [dec] Fan Module [dec] removed`

Explanation Fex Fan Module is removed

Recommended Action No action is required.

Error Message `PFMA-2-FEX_PS_FOUND: Fex [dec] Power Supply [dec] found (Serial number [chars])`

Explanation Fex Power Supply is detected

Recommended Action No action is required.

Error Message `PFMA-2-FEX_PS_REMOVE: Fex [dec] Power Supply [dec] removed (Serial number [chars])`

Explanation Fex Power Supply is removed

Recommended Action No action is required.

Error Message `PFMA-2-FEX_STATUS: Fex [dec] is [chars]`

Explanation Fex [decimal-digit] changed status

Recommended Action No action is required.

Error Message `PFMA-2-LICENSE_UNAVAILABLE: [chars] License has expired. Please install new license or functionality will be lost.`

Explanation License of [chars] is unavailable. Service will exit now

Recommended Action Please install the license file to continue using the feature.

Error Message `PFMA-2-MOD_ALL_PWRDN_NOXBAR: All modules powered down due to non-availability of xbar modules`

Explanation All modules in switch are powered down because all xbar modules are offline

Recommended Action Please perform a 'show module', 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' to collect more information if you suspect module has been powered down due to errors. Atleast one xbar module has to be for modules to function

Error Message `PFMA-2-MOD_BTCM_DOWN: L3 Module is down due to BTCM down`

Explanation Please check L3 license

Recommended Action Please perform a 'show license usage' and 'show feature

Error Message `PFMA-2-MOD_INSERTION_FAILED: Module [dec] insertion failed. Module might not be seated properly. Please try removing the module and then re-insert after five seconds or more.`

Explanation Module insertion failed in slot [decimal digit].

Recommended Action No action is required.

Error Message `PFMA-2-MOD_INSERTION_PREVENTED: Module [dec] could not be successfully inserted because of removal failure earlier. The slot is not usable anymore - please contact technical support.`

Explanation Moudule insertion failed in slot [decimal digit].

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `PFMA-2-MOD_NOT_SUPPORTED: Module [dec] Model-Type [chars] Model [chars] is not supported on this switching platform. Module will be kept offline.`

Explanation Module in slot [decimal digit] is not hardware compatible with switching platform.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `PFMA-2-MOD_PWRDENY: Module [dec] can not be powered up due to insufficient power (Serial number [chars])`

Explanation Available power in power supplies is not sufficient to power up the module

Recommended Action You can verify available power and current usage using command 'show env power'. Please refer to power supply document on how to increase power supply capacity.

Error Message `PFMA-2-MOD_PWRDN: Module [dec] powered down (Serial number [chars])`

Explanation The module in slot [decimal digit] is powered down.

Recommended Action Please perform a 'show module', 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' to collect more information if you suspect module has been powered down due to errors.

Error Message `PFMA-2-MOD_PWRFAIL: Module [dec] failed to power up (Serial number [chars])`

Explanation The module in slot [decimal digit] failed to power up

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and to collect more information.

Error Message `PFMA-2-MOD_PWRIDPROMFAIL: Module [dec] failed to power up due to IDPROM read error`

Explanation The module can not be powered up due to IDPROM read error

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' 'show sprom module [dec] [dec]' to read module IDPROM contents to collect more information.

Error Message `PFMA-2-MOD_PWRIDPROM_SW_CARD_ID_UNKNOWN: Module [dec] failed to power up. Couldnt get SWID (from CARDID) in core_plugin`

Explanation The module can not be powered up due to missing SWID in core-plugin for this CARDID

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' 'show sprom module [dec] [dec]' to read module IDPROM contents to collect more information.

Error Message `PFMA-2-MOD_PWRUP_XBAR: Modules powered up due to xbar availability`

Explanation Modules powered up because atleast one xbar module is online

Recommended Action No action needed

Error Message `PFMA-2-MOD_PWRUP: Module [dec] powered up (Serial number [chars])`

Explanation The module in slot [decimal digit] is powered up.

Recommended Action No action is required.

Error Message `PFMA-2-MOD_REMOVAL_FAILED: Module [dec] removal cleanup failed. The slot is not usable anymore - please contact technical support.`

Explanation Clean up failed when removing the module in slot [decimal digit].

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `PFMA-2-MOD_REMOVE: Module [dec] removed (Serial number [chars])`

Explanation The module in slot [decimal digit] has been removed.

Recommended Action No action is required.

Error Message `PFMA-2-MOD_TEMPMINALRM: [chars] reported minor temperature alarm. Sensor=[dec] Temperature=[dec] MinThreshold=[dec]`

Explanation Module in slot [decimal digit] has exceeded minor temperature threshold.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message `PFMA-2-MOD_TEMPOK: [chars] recovered from minor temperature alarm. Sensor=[dec] Temperature=[dec] MinThreshold=[dec]`

Explanation Module in slot [decimal digit] major temperature threshold.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message `PFMA-2-MOD_TEMPRECOVER: [chars] recovered from major temperature alarm. Minor temperature alarm pending. Sensor=[dec] Temperature=[dec] MAJThreshold=[dec] MinThresh=[dec]`

Explanation Module in slot [decimal digit] recovered from major temperature threshold. Minor threshold still exceeded.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message `PFMA-2-PFMA_FAN_REMOVED: Fan module [dec] [chars] removed`

Explanation Fan module is removed

Recommended Action No action is required.

Error Message `PFMA-2-PFM_FATW_BUS_SWITCH_FAIL: Backplane two wire [chars] bus connection fault detected but failed to perform bus switchover(BUS_A to BUS_B)`

Explanation Could not access some modules using BUS_A, but can access using BUS_B

Recommended Action Please perform a 'show platform internal err'

Error Message `PFMA-2-PFM_FATW_BUS_SWITCH: Backplane two wire [chars] bus connection fault caused bus switchover(BUS_A to BUS_B)`

Explanation Could not access some modules using BUS_A, but can access using BUS_B

Recommended Action Please perform a 'show platform internal err'

Error Message `PFMA-2-PFM_LC_BOOT_DEV_ABSENT: No bootflash found in Module [dec]`

Explanation No bootflash found.

Recommended Action Try to put in a bootflash in the module and try again.

Error Message `PFMA-2-PFM_LC_BOOT_DEV_FAIL: Bootflash access error in Module [dec]`

Explanation Bad bootflash/corrupted filesystem.

Recommended Action Try to put in a known good bootflash in the module and try again.

Error Message `PFMA-2-PFM_LC_MOD_POWERED_DOWN: Module [dec] Powered Down. Module is not supported in this chassis. (Chassis Incompatible card)`

Explanation Module Powered Down, because Module is not supported in this chassis. (Chassis Incompatible card)

Recommended Action Please perform a 'show module' to see the Power Down reason.

Error Message `PFMA-2-PFM_LC_NETBOOT_FAIL: Netboot for Module [dec] failed`

Explanation Netboot failed.

Recommended Action Try to replace the BIOS in the module.

Error Message `PFMA-2-PFM_LC_REGISTRATION_FAIL: Could not register with Module [dec]`

Explanation Module registration failed.

Recommended Action Try to replace the module.

Error Message `PFMA-2-PFM_LC_STATUS: Module [dec] powered up with [dec] status`

Explanation Status for the module that failed registration.

Recommended Action Try to replace the module.

Error Message `PFMA-2-PFM_MODULE_POWER_OFF_TRIGGER: Power-off Module [dec] due to policy trigger`

Explanation Policy trigger initiated a module poweroff

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `PFMA-2-PFM_MODULE_POWER_OFF: Manual power-off of Module [dec] from Command Line Interface`

Explanation User initiated a module power-off from the CLI

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `PFMA-2-PFM_MODULE_POWER_ON: Manual power-on of Module [dec] from Command Line Interface`

Explanation User initiated a module power-on from the CLI

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `PFMA-2-PFM_MODULE_RESET: Manual restart of Module [dec] from Command Line Interface`

Explanation User initiated a module reload from the CLI

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `PFMA-2-PFM_NETBOOT_DISABLE: Netboot for supervisor module in slot [dec] is disabled due to incompatible platform`

Explanation Standby supervisor failed to powerup.

Recommended Action Try to replace the standby supervisor.

Error Message `PFMA-2-PFM_PWR_MGMT_EPLD_VER_MISMATCH: Module [dec] Pwr Mgmt Epld (Version-[dec]) needs to be upgraded`

Explanation Using a wrong version of Epld version can result in unexplainable behaviour

Recommended Action Upgrade Power Managment EPLD

Error Message `PFMA-2-PFM_STDBY_POWERUP_FAIL: standby supervisor failed to powerup`

Explanation Standby supervisor failed to powerup.

Recommended Action Try to replace the standby supervisor.

Error Message `PFMA-2-PFM_SYSTEM_RESET_TRIGGER: System restart due to policy trigger`

Explanation Policy/trigger initiated a system reload

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `PFMA-2-PFM_SYSTEM_RESET: Manual system restart from Command Line Interface`

Explanation User initiated a system reload from the CLI

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `PFMA-2-PLUGIN_ABSENT: Module in slot[dec] (sw_card_id=[dec]) has missing plugin`

Explanation Plugin not loaded, The LC cannot be poweredup

Recommended Action Load the associated plugin

Error Message `PFMA-2-PS_ABSENT: Power supply [dec] is absent/shutdown, ps-redundancy might be affected`

Explanation Power Supply is absent.

Recommended Action No action is required.

Error Message `PFMA-2-PS_AC_IN_MISSING: Power supply [dec] present but all AC inputs are not connected, ac-redundancy might be affected`

Explanation Power Supply is present but not at full capacity.

Recommended Action No action is required.

Error Message `PFMA-2-PS_CAPACITY_DIFFER: Detected power supplies with differing capacity. It is recommended to have same capacity for both powersupplies otherwise it may cause service disruptions`

Explanation Detected a power supply that has differing capacity than an the otherpower supply.

Recommended Action Please refer to power supply document on increasing decreasing power supply capacity, configuring power supplies, etc. Please perform 'show environment power' and 'show platform internal info' to collect more information.

Error Message `PFMA-2-PS_CAP_CHG: AC Input insertion/removal detected for power supply [dec]. This might results in change of total power available.`

Explanation AC input cable has been plugged in/out or AC input power has been restore/lost.

Recommended Action Please perform a 'show environment power' and 'show platform internal info' to collect more information. Please refer to power supply document on increasing decreasing power supply capacity, configuring power supplies, etc.

Error Message `PFMA-2-PS_DETECT: Power supply [dec] detected but shutdown (Serial number [chars])`

Explanation Power Supply is detected but shutdown.

Recommended Action Please perform a 'show environment power' and 'show platform internal info' to collect more information.

Error Message `PFMA-2-PS_FAIL: Power supply [dec] failed or shutdown (Serial number [chars])`

Explanation Power Supply has failed or has been shutdown

Recommended Action Please perform a 'show environment power' and 'show platform internal info' to collect more information. Please refer to power supply document on increasing decreasing power supply capacity, configuring power supplies, etc.

Error Message `PFMA-2-PS_FANFAIL: Fan in Power supply [dec] failed`

Explanation Fan module in the Power Supply has failed

Recommended Action Please perform a 'show environment power' and 'show platform internal info' to collect more information.

Error Message `PFMA-2-PS_FANOK: Fan in Power supply [dec] ok`

Explanation Fan module in the Power Supply is ok.

Recommended Action No action is required.

Error Message `PFMA-2-PS_MISMATCH: Detected power supply [chars]. This reduces the redundant power available to the system and can cause service disruptions (Serial number [chars])`

Explanation Detected a new power supply that has reduced capacity than an existing power supply.

Recommended Action Please refer to power supply document on increasing decreasing power supply capacity, configuring power supplies, etc. Please perform 'show environment power' and 'show platform internal info' to collect more information.

Error Message `PFMA-2-PS_OK: Power supply [dec] ok (Serial number [chars])`

Explanation Power Supply is ok.

Recommended Action No action is required.

Error Message `PFMA-2-PS_REMOVE_LAST: Unexpected removal of last power supply [dec]. (Serial number [chars])`

Explanation Unexpected removal the only power supply in the system.

Recommended Action Power supply unit may be faulty. Contact CISCO to replace the unit.

Error Message `PFMA-2-PS_REMOVE: Power supply [dec] removed (Serial number [chars])`

Explanation Power Supply is removed.

Recommended Action No action is required.

Error Message `PFMA-2-PS_UNKNOWN: Detected an unknown power supply [dec] for CISCO MDS 9500/9200 Multilayer Switches (Serial number [chars])`

Explanation Unable to determine power supply type. Default power supply types will be assumed.

Recommended Action Please refer to power supply document on increasing decreasing power supply capacity, configuring power supplies, etc.

Error Message `PFMA-2-PS_UNSUPPORTED: Detected an unsupported power supply [dec] [chars] for CISCO MDS 9500/9200 Multilayer Switches (Serial number [chars])`

Explanation This power supply is not supported for the CISCO MDS 9500/9200 series of Multilayer Switches.

Recommended Action Please refer to power supply document on increasing decreasing power supply capacity, configuring power supplies, etc.

Error Message `PFMA-2-SYS_IDPROMBAD_RECOVER_FAIL: Chassis IDPROM [dec] data re-initialization Un-successful. Data is invalid`

Explanation Chassis IDPROM [decimal digit] re-initialization was unsuccessful. Data is invalid.

Recommended Action Please perform a 'show sprom module [decimal digit] 1' to read module IDPROM contents and collect more information.

Error Message `PFMA-2-SYS_IDPROMBAD_RECOVER_PASS: Chassis IDPROM [dec] data re-initialized successfully`

Explanation Chassis IDPROM [decimal digit] invalid data was succesfully re-initialized to valid.

Recommended Action Please perform a 'show sprom module [decimal digit] 1' to read module IDPROM contents and verify the information.

Error Message `PFMA-2-SYS_IDPROMBAD: Chassis IDPROM [dec] data invalid`

Explanation Chassis IDPROM [decimal digit] contains invalid data.

Recommended Action Please perform a 'show sprom module [decimal digit] 1' to read module IDPROM contents and collect more information.

Error Message `PFMA-2-XBAR_REMOVE: Xbar [dec] removed (Serial number [chars])`

Explanation The xbar in slot [decimal digit] has been removed.

Recommended Action No action is required.

Error Message `PFMA-3-XBAR_PWRFAIL: Xbar [dec] failed to power up (Serial number [chars])`

Explanation The xbar in slot [decimal digit] failed to power up

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and to collect more information.

Error Message `PFMA-3-XBAR_PWRIDPROMFAIL: Xbar [dec] failed to power up due to IDPROM read error`

Explanation The xbar can not be powered up due to IDPROM read error

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' 'show sprom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

Error Message `PFMA-3-XBAR_PWRIDPROM_SW_CARD_ID_UNKNOWN: Xbar [dec] failed to power up. Couldnt get SWID (from CARDID) in core_plugin`

Explanation The xbar can not be powered up due to missing SWID in core-plugin for this CARDID

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' 'show sprom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

Error Message `PFMA-4-MOD_TEMPFAIL: [chars] temperature sensor [dec] failed`

Explanation Module in slot [decimal digit] contains a faulty temperature sensor.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message `PFMA-5-FAN_STATUS: Fan module [dec] current-status is [chars]`

Explanation Fan module changed status

Recommended Action No action is required.

Error Message `PFMA-5-MEMORY_ALERT: Memory Status Alert : [chars]`

Explanation Memory alert event received

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `PFMA-5-MOD_DETECT: Module [dec] detected (Serial number [chars]) Model-Type [chars] Model [chars]`

Explanation A new module in slot [decimal digit] is detected.

Recommended Action No action is required.

Error Message `PFMA-5-MOD_STATUS: Module [dec] current-status is [chars].`

Explanation Module in slot [decimal digit] changed status.

Recommended Action No action is required.

Error Message `PFMA-5-PFMA_FAN_DETECT: Fan module [dec] [chars] detected`

Explanation Fan module is detected

Recommended Action No action is required.

Error Message `PFMA-5-PS_CAPACITY_CHANGE: Power supply PS[dec] changed its capacity. possibly due to power cable removal/insertion (Serial number [chars])`

Explanation Detected power supply capacity change.

Recommended Action Please refer to power supply document on increasing decreasing power supply capacity, configuring power supplies, etc. Please perform 'show environment power' and 'show platform internal info' to collect more information.

Error Message `PFMA-5-PS_FOUND: Power supply [dec] found (Serial number [chars])`

Explanation Power Supply is detected.

Recommended Action No action is required.

Error Message `PFMA-5-PS_STATUS: PowerSupply [dec] current-status is [chars] [chars]`

Explanation Module in slot [decimal digit] changed status.

Recommended Action No action is required.

Error Message `PFMA-5-XBAR_DETECT: Xbar [dec] detected (Serial number [chars])`

Explanation A new xbar in slot [decimal digit] is detected.

Recommended Action No action is required.

Error Message `PFMA-5-XBAR_PWRDN: Xbar [dec] powered down (Serial number [chars])`

Explanation The xbar in slot [decimal digit] is powered down.

Recommended Action Please perform a 'show module xbar', 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' to collect more information if you suspect module has been powered down due to errors.

Error Message `PFMA-5-XBAR_PWRUP: Xbar [dec] powered up (Serial number [chars])`

Explanation The xbar in slot [decimal digit] is powered up.

Recommended Action No action is required.

Error Message `PFMA-7-PFM_CLOCK_UPD_FAIL: Clock update failed due to context-switch delay of [dec] msec`

Explanation System shutdown in [decimal digit] seconds.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message `PHY_USD-SLOT#-4-LOG_PHY_ISSU_LINK_ST_CHNG: Port [dec]: link state during ISSU`

Explanation Port Link status changed while perfoming an In Service System Upgrade. Disabling the port.

Recommended Action No action is required.

Error Message `PIXM-2-PIXM_CRIT: [chars]`

Explanation PIXM or other application had critical error

Recommended Action No action is required.

Error Message `PIXM-3-PIXM_ERR: [chars]`

Explanation PIXM or other application had some error

Recommended Action No action is required.

Error Message `PIXM-3-PIXM_FAILURE: PIXM / PIXMC ERROR, [chars]`

Explanation PIXMC or other application did not respond with a timelimit or something bad happened

Recommended Action No action is required.

Error Message `PIXM-3-PIXM_SYSLOG_UPGRADE_OVER: [chars]`

Explanation PIXM received UPGRADE_OVER before receiving UPGRADE_READY for slot:[dec]

Recommended Action No action is required.

Error Message `PIXM-4-PIXM_SEND_FAILURE: PIXM SEND FAILURE, [chars]`

Explanation PIXM was not able to send to PIXMC or other application

Recommended Action No action is required.

Error Message `PIXM-4-PIXM_VDC_CLEANUP: VDC Cleanup, [chars]`

Explanation Application like PC, MD, Mcast should have cleaned up the LTL for VDC Graceful cleanup

Recommended Action No action is required.

Error Message `PIXM-4-PIXM_WARN: [chars]`

Explanation PIXM or other application had some minor issues

Recommended Action No action is required.

Error Message `PLATFORM-0-CHASSIS_CLKSWITCH: Hardware clock switched to redundant clock-[dec]`

Explanation Clock module on chassis deteted a failure and switched to redundant clock module.

Recommended Action Please perform a 'show platform internal info' to collect more information.

Error Message `PLATFORM-0-CHASSIS_CLKSWRESET: Switch reset due to clock switch`

Explanation Chassis clock source has failed and system will be reset. System will automatically start using redundant clock module.

Recommended Action Please refer to the platform document on clock modules.

Error Message `PLATFORM-0-CHASSIS_CLKSW_MODULE_RESET: Modules reset due to clock switch`

Explanation Chassis clock source has switched and all Vegas line cards will be reset. System will automatically continue using redundant clock module.

Recommended Action Please refer to the platform document on clock modules.

Error Message `PLATFORM-0-FAIL_REMOVED: Fan module removed. Fan[dec] has been absent for [dec] seconds`

Explanation Fan module is removed. This could lead to temperature alarms.

Recommended Action Replace the fan module ASAP.

Error Message `PLATFORM-0-MOD_TEMPMAJALRM: [chars] reported Major temperature alarm. Sensor=[dec] Temperature=[dec] MajThreshold=[dec]`

Explanation Module in slot [decimal digit] exceeded major temperature threshold.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message `PLATFORM-0-MOD_TEMPSHUTDOWN: [chars] powered down due to major temperature alarm for Sensor [dec].`

Explanation Module in slot [decimal digit] shutdown due to temperature exceeding major threshold.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message `PLATFORM-0-PFM_EMERGENCY: [chars]`

Explanation Platform Emergency

Recommended Action No action is required.

Error Message `PLATFORM-0-SUP_SPROM_ERROR: Unable to read SPROM for Sup in slot [dec]`

Explanation The supervisor in slot [decimal digit] was not able to read its SPROM.

Recommended Action No action is required.

Error Message `PLATFORM-0-SUP_WRONGSLOTNUM: Supervisor powered up in WRONG SLOT:[dec] (Serial number [chars])`

Explanation The supervisor is comming up in wrong slot [decimal digit].

Recommended Action No action is required.

Error Message `PLATFORM-0-SYS_LC_DRIVER_LOAD_FAILED: Failed to load linecard module drivers`

Explanation Failed to load drivers.

Recommended Action Image is possibly corrupt. Try to load a different image.

Error Message `PLATFORM-0-SYS_RESET: [chars] System shutdown in [dec] seconds`

Explanation System shutdown in [decimal digit] seconds.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message `PLATFORM-0-SYS_SHUTDOWN_FAN_REMOVAL: System shutdown in [dec] seconds due to fan removal`

Explanation System shutdown in [decimal digit] seconds due to removal of fan module.

Recommended Action Please perform a 'show env fan' to collect more information.

Error Message `PLATFORM-0-SYS_SHUTDOWN_MDS9124_FAN_FAIL: System shutdown in [dec] seconds due to less than 4 fans operating.`

Explanation System shutdown in [decimal digit] seconds due to less than 4 fans operating.

Recommended Action Please perform a 'show env fan' to collect more information.

Error Message `PLATFORM-0-SYS_SHUTDOWN: System shutdown in [dec] seconds due to major temperature alarm`

Explanation System shutdown in [decimal digit] seconds due to temperature exceeding major threshold.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message `PLATFORM-0-SYS_SUP_DRIVER_LOAD_FAILED: Failed to load supervisor module drivers`

Explanation Failed to load drivers.

Recommended Action Image is possibly corrupt. Try to load a different image

Error Message `PLATFORM-0-XBAR_CARD_CLK_FAIL: Xbar card in slot:[dec] (Serial number [chars]) encountered clock failure`

Explanation The xbar in slot [decimal digit] encountered clock failure.

Recommended Action No action is required.

Error Message `PLATFORM-0-XBAR_CARD_INCOMPAT_CHASSIS: Xbar card in slot:[dec] (Part number [chars]) Incompatible with backplane chassis Part Num:[chars]`

Explanation The xbar in slot [decimal digit] is incompatible with backplane chassis.

Recommended Action No action is required.

Error Message `PLATFORM-0-XBAR_WRONGSLOTNUM: Xbar powered up in WRONG SLOT:[dec] (Serial number [chars])`

Explanation The xbar in slot [decimal digit] powered up in wrong slot.

Recommended Action No action is required.

Error Message `PLATFORM-1-FABRIC_SWITCH_FAN_FAIL: Less than 4 required fans operating.`

Explanation Fan module has failed leaving less than 4 total fans operating. Fan needs to be replaced. This can lead to overheating and temperature alarms.

Recommended Action Please perform a 'show platform internal info' to collect more information.

Error Message `PLATFORM-1-FAN_FAIL: Fan module Failed`

Explanation Fan module has failed and needs to be replaced. This can lead to overheating and temperature alarms.

Recommended Action Please perform a 'show platform internal info' to collect more information.

Error Message `PLATFORM-1-PFM_ALERT: [chars]`

Explanation Platform Alert

Recommended Action No action is required.

Error Message `PLATFORM-1-PS_SINGLE_INPUT: Both power inputs are connected for Power supplies, remove single-input configuration for optimal power usage`

Explanation Current power supply redundancy mode may not be optimal

Recommended Action Please perform a 'show environment power' and 'show platform internal info' to collect more information.

Error Message `PLATFORM-1-XBAR_PWRDENY: Xbar [dec] can not be powered up due to insufficient power (Serial number [chars])`

Explanation Available power in power supplies is not sufficient to power up the xbar

Recommended Action You can verify available power and current usage using command 'show env power'. Please refer to power supply document on how to increase power supply capacity.

Error Message `PLATFORM-2-9134_FAN_FAIL: Fan module [dec] Failed`

Explanation Fan module has failed and needs to be replaced. This can lead to overheating and temperature alarms.

Recommended Action Please perform a 'show platform internal info' to collect more information.

Error Message `PLATFORM-2-9134_FAN_OK: Fan module [dec] ok`

Explanation Fan module is ok

Recommended Action No action is required.

Error Message `PLATFORM-2-CASA_FAN_FAIL: Fan module [dec] Failed`

Explanation Fan module has failed and needs to be replaced. This can lead to overheating and temperature alarms.

Recommended Action Please perform a 'show platform internal info' to collect more information.

Error Message `PLATFORM-2-CASA_FAN_OK: Fan module [dec] ok`

Explanation Fan module is ok

Recommended Action No action is required.

Error Message `PLATFORM-2-CHASSIS_CLKMODFAULTY: Chassis clock module [dec] faulty`

Explanation Clock module on chassis is faulty or has been removed.

Recommended Action Please perform a 'show platform internal info' to collect more information.

Error Message `PLATFORM-2-CHASSIS_CLKMODOK: Chassis clock module [dec] ok`

Explanation Clock module on chassis is functioning properly.

Recommended Action No action is required.

Error Message `PLATFORM-2-CHASSIS_CLKSRC: Current chassis clock source is clock-[dec]`

Explanation The current chassis clock source is [decimal digit].

Recommended Action No action is required.

Error Message `PLATFORM-2-FANLET_FAN_FAIL: Failed Fanlets for Fan [dec] ([chars] fan) : [chars]`

Explanation The specified fanlets have failed. This can lead to overheating and temperature alarms.

Recommended Action Please perform a 'show platform internal info' to collect more information.

Error Message `PLATFORM-2-FANMOD_FAN_FAIL: Fan module [dec] ([chars] fan) Failed/Removed`

Explanation Fan module has failed and needs to be replaced. This can lead to overheating and temperature alarms.

Recommended Action Please perform a 'show platform internal info' to collect more information.

Error Message `PLATFORM-2-FANMOD_FAN_OK: Fan module [dec] ([chars] fan) ok`

Explanation Fan module is ok

Recommended Action No action is required.

Error Message `PLATFORM-2-FAN_OK: Fan module ok`

Explanation Fan module is ok

Recommended Action No action is required.

Error Message `PLATFORM-2-FAN_REMOVED: Fan module [dec] (Serial number [chars]) [chars] removed`

Explanation Fan module is removed

Recommended Action No action is required.

Error Message `PLATFORM-2-MEMORY_ALERT_RECOVERED: Memory Status Alert : [chars]`

Explanation Memory alert event received

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `PLATFORM-2-MEMORY_ALERT: Memory Status Alert : [chars]. Usage [chars]% of Available Memory`

Explanation Memory alert event received

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `PLATFORM-2-MOD_ALL_PWRDN_NOXBAR: All modules powered down due to non-availability of xbar modules`

Explanation All modules in switch are powered down because all xbar modules are offline

Recommended Action Please perform a 'show module', 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' to collect more information if you suspect module has been powered down due to errors. Atleast one xbar module has to be for modules to function

Error Message `PLATFORM-2-MOD_DETECT: Module [dec] detected (Serial number [chars]) Module-Type [chars] Model [chars]`

Explanation A new module in slot [decimal digit] is detected.

Recommended Action No action is required.

Error Message `PLATFORM-2-MOD_PWRDENY: Module [dec] can not be powered up due to insufficient power (Serial number [chars])`

Explanation Available power in power supplies is not sufficient to power up the module

Recommended Action You can verify available power and current usage using command 'show env power'. Please refer to power supply document on how to increase power supply capacity.

Error Message `PLATFORM-2-MOD_PWRDN: Module [dec] powered down (Serial number [chars])`

Explanation The module in slot [decimal digit] is powered down.

Recommended Action Please perform a 'show module', 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' to collect more information if you suspect module has been powered down due to errors.

Error Message `PLATFORM-2-MOD_PWRFAIL_EJECTORS_OPEN: Both ejectors open, Module [dec] will not be powered up (Serial number [chars])`

Explanation The module can not be powered up because both ejectors are open

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' 'show sprom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

Error Message `PLATFORM-2-MOD_PWRFAIL: Module [dec] failed to power up (Serial number [chars])`

Explanation The module in slot [decimal digit] failed to power up

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and to collect more information.

Error Message `PLATFORM-2-MOD_PWRIDPROMFAIL: Module [dec] failed to power up due to IDPROM read error`

Explanation The module can not be powered up due to IDPROM read error

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' 'show sprom module [dec] [dec]' to read module IDPROM contents to collect more information.

Error Message `PLATFORM-2-MOD_PWRIDPROM_SW_CARD_ID_UNKNOWN: Module [dec] failed to power up. (Unknown card. Could not get software-card-id)`

Explanation The module can not be powered up due to missing SWID in core-plugin for this CARDID

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' 'show sprom module [dec] [dec]' to read module IDPROM contents to collect more information.

Error Message `PLATFORM-2-MOD_PWRUP_XBAR: Modules powered up due to xbar availability`

Explanation Modules powered up because atleast one xbar module is online

Recommended Action No action needed

Error Message `PLATFORM-2-MOD_PWRUP: Module [dec] powered up (Serial number [chars])`

Explanation The module in slot [decimal digit] is powered up.

Recommended Action No action is required.

Error Message `PLATFORM-2-MOD_REMOVE: Module [dec] removed (Serial number [chars])`

Explanation The module in slot [decimal digit] has been removed.

Recommended Action No action is required.

Error Message `PLATFORM-2-MOD_TEMPMAJOR_OK: [chars] recovered from major temperature alarm. Sensor=[dec] Temperature=[dec] MajThreshold=[dec]`

Explanation Module in slot [decimal digit] major temperature threshold.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message `PLATFORM-2-MOD_TEMPMINALRM: [chars] reported minor temperature alarm. Sensor=[dec] Temperature=[dec] MinThreshold=[dec]`

Explanation Module in slot [decimal digit] has exceeded minor temperature threshold.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message `PLATFORM-2-MOD_TEMPOK: [chars] recovered from minor temperature alarm. Sensor=[dec] Temperature=[dec] MinThreshold=[dec]`

Explanation Module in slot [decimal digit] minor temperature threshold.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message `PLATFORM-2-MOD_TEMPRECOVER: [chars] recovered from major temperature alarm. Minor temperature alarm pending. Sensor=[dec] Temperature=[dec] MajThreshold=[dec] MinThresh=[dec]`

Explanation Module in slot [decimal digit] recovered from major temperature threshold. Minor threshold still exceeded.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message `PLATFORM-2-PFM_CRITICAL: [chars]`

Explanation Platform Critical

Recommended Action No action is required.

Error Message `PLATFORM-2-PFM_FATW_BUS_SWITCH_FAIL: Backplane two wire [chars] bus connection fault detected but failed to perform bus switchover(BUS_A to BUS_B)`

Explanation Could not access some modules using BUS_A, but can access using BUS_B

Recommended Action Please perform a 'show platform internal err'

Error Message `PLATFORM-2-PFM_FATW_BUS_SWITCH: Backplane two wire [chars] bus connection or device fault caused bus switchover(BUS_A to BUS_B)`

Explanation Could not access some modules using BUS_A, but can access using BUS_B

Recommended Action Please perform a 'show platform internal err'

Error Message `PLATFORM-2-PFM_IMG_CMPT_FAIL: Image version is not supported in this chassis.`

Explanation This image version is not supported in this chassis.

Recommended Action Sup-platform

Error Message `PLATFORM-2-PFM_LC_BOOT_DEV_ABSENT: No bootflash found in Module [dec]`

Explanation No bootflash found.

Recommended Action Try to put in a bootflash in the module and try again.

Error Message `PLATFORM-2-PFM_LC_BOOT_DEV_FAIL: Bootflash access error in Module [dec]`

Explanation Bad bootflash/corrupted filesystem.

Recommended Action Try to put in a known good bootflash in the module and try again.

Error Message `PLATFORM-2-PFM_LC_MOD_POWERED_DOWN: Module [dec] Powered Down. Module is not supported in this chassis. (Chassis Incompatible card)`

Explanation Module Powered Down, because Module is not supported in this chassis. (Chassis Incompatible card)

Recommended Action Please perform a 'show module' to see the Power Down reason.

Error Message `PLATFORM-2-PFM_LC_NETBOOT_FAIL: Netboot for Module [dec] failed`

Explanation Netboot failed.

Recommended Action Try to replace the BIOS in the module.

Error Message `PLATFORM-2-PFM_LC_REGISTRATION_FAIL: Could not register with Module [dec]`

Explanation Module registration failed.

Recommended Action Try to replace the module.

Error Message `PLATFORM-2-PFM_LC_STATUS: Module [dec] powered up with [dec] status`

Explanation Status for the module that failed registration.

Recommended Action Try to replace the module.

Error Message `PLATFORM-2-PFM_LOW_MEMORY_CONDITION: Module [dec] is running low on memory. %ld percent used`

Explanation Supervisor is running low on memory

Recommended Action Switchover

Error Message `PLATFORM-2-PFM_MODULE_POWER_OFF_TRIGGER: Power-off [chars] due to [chars] policy trigger`

Explanation Policy trigger initiated a module poweroff

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `PLATFORM-2-PFM_MODULE_POWER_OFF: Manual power-off of [chars] from Command Line Interface`

Explanation User initiated a module power-off from the CLI

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `PLATFORM-2-PFM_MODULE_POWER_ON: Manual power-on of [chars] from Command Line Interface`

Explanation User initiated a module power-on from the CLI

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `PLATFORM-2-PFM_MODULE_RESET: Manual restart of Module [dec] from Command Line Interface`

Explanation User initiated a module reload from the CLI

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `PLATFORM-2-PFM_NETBOOT_DISABLE: Netboot for supervisor module in slot [dec] is disabled due to incompatible platform`

Explanation Standby supervisor failed to powerup.

Recommended Action Try to replace the standby supervisor.

Error Message `PLATFORM-2-PFM_PWR_MGMT_EPLD_VER_MISMATCH: Module [dec] Pwr Mgmt Epld (Version-[dec]) needs to be upgraded`

Explanation Using a wrong version of Epld version can result in unexplainable behaviour

Recommended Action Upgrade Power Managment EPLD

Error Message `PLATFORM-2-PFM_STDBY_POWERUP_FAIL: standby supervisor failed to powerup`

Explanation Standby supervisor failed to powerup.

Recommended Action Try to replace the standby supervisor.

Error Message `PLATFORM-2-PFM_SYSTEM_RESET_TRIGGER: System restart due to [chars] policy trigger`

Explanation Policy/trigger initiated a system reload

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `PLATFORM-2-PFM_SYSTEM_RESET: Manual system restart from Command Line Interface`

Explanation User initiated a system reload from the CLI

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `PLATFORM-2-PFM_SYSTEM_SHUTDOWN_TRIGGER: System shutdown due to [chars] policy trigger`

Explanation Policy/trigger initiated a system shutdown

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `PLATFORM-2-PFM_XBAR_RESET: Manual restart of Xbar [dec] from Command Line Interface`

Explanation User initiated a xbar reload from the CLI

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `PLATFORM-2-PLUGIN_ABSENT: Module in slot[dec] (sw_card_id=[dec]) has missing plugin`

Explanation Plugin not loaded, The LC cannot be poweredup

Recommended Action Load the associated plugin

Error Message `PLATFORM-2-PS_ABSENT: Power supply [dec] is absent/shutdown, ps-redundancy might be affected`

Explanation Power Supply is absent.

Recommended Action No action is required.

Error Message `PLATFORM-2-PS_CAPACITY_CHANGE: Power supply PS[dec] changed its capacity. possibly due to power cable removal/insertion (Serial number [chars])`

Explanation Detected power supply capacity change.

Recommended Action Please refer to power supply document on increasing decreasing power supply capacity, configuring power supplies, etc. Please perform 'show environment power' and 'show platform internal info' to collect more information.

Error Message `PLATFORM-2-PS_CAPACITY_DIFFER: Detected power supplies with differing capacity. It is recommended to have same capacity for both powersupplies otherwise it may cause service disruptions`

Explanation Detected a power supply that has differing capacity than an the otherpower supply.

Recommended Action Please refer to power supply document on increasing decreasing power supply capacity, configuring power supplies, etc. Please perform 'show environment power' and 'show platform internal info' to collect more information.

Error Message `PLATFORM-2-PS_DETECT: Power supply [dec] detected but shutdown (Serial number [chars])`

Explanation Power Supply is detected but shutdown.

Recommended Action Please perform a 'show environment power' and 'show platform internal info' to collect more information.

Error Message `PLATFORM-2-PS_FAIL: Power supply [dec] failed or shut down (Serial number [chars])`

Explanation Power Supply has failed or has been shutdown

Recommended Action Please perform a 'show environment power' and 'show platform internal info' to collect more information. Please refer to power supply document on increasing decreasing power supply capacity, configuring power supplies, etc.

Error Message `PLATFORM-2-PS_FANFAIL: Fan in Power supply [dec] failed`

Explanation Fan module in the Power Supply has failed

Recommended Action Please perform a 'show environment power' and 'show platform internal info' to collect more information.

Error Message `PLATFORM-2-PS_FANOK: Fan in Power supply [dec] ok`

Explanation Fan module in the Power Supply is ok.

Recommended Action No action is required.

Error Message `PLATFORM-2-PS_MISMATCH: Detected power supply [chars]. This reduces the redundant power available to the system and can cause service disruptions (Serial number [chars])`

Explanation Detected a new power supply that has reduced capacity than an existing power supply.

Recommended Action Please refer to power supply document on increasing decreasing power supply capacity, configuring power supplies, etc. Please perform 'show environment power' and 'show platform internal info' to collect more information.

Error Message `PLATFORM-2-PS_OK: Power supply [dec] ok (Serial number [chars])`

Explanation Power Supply is ok.

Recommended Action No action is required.

Error Message `PLATFORM-2-PS_PWR_INPUT_MISSING: Power supply [dec] present but all AC/DC inputs are not connected, power redundancy might be affected`

Explanation Power Supply is present but not at full capacity.

Recommended Action No action is required.

Error Message `PLATFORM-2-PS_RED_MODE_CHG: Power supply redundancy mode changed to [chars]`

Explanation Power supply redundancy mode changed notification

Recommended Action Please perform a 'show environment power' and 'show platform internal info' to collect more information.

Error Message `PLATFORM-2-PS_RED_MODE_RESTORED: Power redundancy operational mode changed to configured mode`

Explanation Power Supply redundancy mode changes.

Recommended Action No action is required.

Error Message `PLATFORM-2-PS_REMOVE_LAST: Unexpected removal of last power supply [dec]. (Serial number [chars])`

Explanation Unexpected removal the only power supply in the system.

Recommended Action Power supply unit may be faulty. Contact CISCO to replace the unit.

Error Message `PLATFORM-2-PS_REMOVE: Power supply [dec] removed (Serial number [chars])`

Explanation Power Supply is removed.

Recommended Action No action is required.

Error Message `PLATFORM-2-PS_UNKNOWN: Detected an unknown power supply [dec] for CISCO Multilayer Switch (Serial number [chars])`

Explanation Unable to determine power supply type. Default power supply types will be assumed.

Recommended Action Please refer to power supply document on increasing decreasing power supply capacity, configuring power supplies, etc.

Error Message `PLATFORM-2-PS_UNSUPPORTED: Detected an unsupported power supply [dec] [chars] for CISCO Multilayer Switch (Serial number [chars])`

Explanation This power supply is not supported for the CISCO Multilayer Switches.

Recommended Action Please refer to power supply document on increasing decreasing power supply capacity, configuring power supplies, etc.

Error Message `PLATFORM-2-SYS_IDPROMBAD_RECOVER_FAIL: Chassis IDPROM [dec] data re-initialization Un-successful. Data is invalid`

Explanation Chassis IDPROM [decimal digit] re-initialization was unsuccessful. Data is invalid.

Recommended Action Please perform a 'show sprom module [decimal digit] 1' to read module IDPROM contents and collect more information.

Error Message `PLATFORM-2-SYS_IDPROMBAD_RECOVER_PASS: Chassis IDPROM [dec] data re-initialized successfully`

Explanation Chassis IDPROM [decimal digit] invalid data was succesfully re-initialized to valid.

Recommended Action Please perform a 'show sprom module [decimal digit] 1' to read module IDPROM contents and verify the information.

Error Message `PLATFORM-2-SYS_IDPROMBAD: Chassis IDPROM [dec] data invalid`

Explanation Chassis IDPROM [decimal digit] contains invalid data.

Recommended Action Please perform a 'show sprom module [decimal digit] 1' to read module IDPROM contents and collect more information.

Error Message `PLATFORM-2-XBAR_DETECT: Xbar [dec] detected (Serial number [chars])`

Explanation A new xbar in slot [decimal digit] is detected.

Recommended Action No action is required.

Error Message `PLATFORM-2-XBAR_PWRFAIL_EJECTORS_OPEN: Both ejectors open, Xbar [dec] will not be powered up (Serial number [chars])`

Explanation The xbar can not be powered up because both ejectors are open

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' 'show sprom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

Error Message `PLATFORM-2-XBAR_REMOVE: Xbar [dec] removed (Serial number [chars])`

Explanation The xbar in slot [decimal digit] has been removed.

Recommended Action No action is required.

Error Message `PLATFORM-3-EJECTOR_STAT_CHANGED: Ejectors' status in slot [dec] has changed, [chars] Ejector is [chars], [chars] Ejector is [chars]`

Explanation Ejector status has changed

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `PLATFORM-3-MOD_BRINGUP_MULTI_LIMIT: Giving up after multiple attempts were made to bring up the Module [dec], (Serial number [chars])`

Explanation The module can not be powered up even after three attempts

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' 'show sprom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

Error Message `PLATFORM-3-MOD_PWRFAIL_MULTI: Module [dec] failed to power up multiple times (Serial number [chars])`

Explanation The module can not be powered up even after three attempts

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' 'show sprom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

Error Message `PLATFORM-3-PFM_ERROR: [chars]`

Explanation Platform Error

Recommended Action No action is required.

Error Message `PLATFORM-3-XBAR_BRINGUP_MULTI_LIMIT: Giving up after multiple attempts were made to bring up the Xbar [dec], (Serial number [chars])`

Explanation The module can not be powered up even after three attempts

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' 'show sprom xbar [dec] [dec]' to read module IDPROM contXBA ents to collect more information.

Error Message `PLATFORM-3-XBAR_PWRFAIL_MULTI: Xbar [dec] failed to power up multiple times (Serial number [chars])`

Explanation The xbar can not be powered up even after three attempts

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' 'show sprom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

Error Message `PLATFORM-3-XBAR_PWRFAIL: Xbar [dec] failed to power up (Serial number [chars])`

Explanation The xbar in slot [decimal digit] failed to power up

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and to collect more information.

Error Message `PLATFORM-3-XBAR_PWRIDPROMFAIL: Xbar [dec] failed to power up due to IDPROM read error`

Explanation The xbar can not be powered up due to IDPROM read error

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' 'show sprom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

Error Message `PLATFORM-3-XBAR_PWRIDPROM_SW_CARD_ID_UNKNOWN: Xbar [dec] failed to power up. (Unknown card. Could not get software-card-id)`

Explanation The xbar can not be powered up due to missing SWID in core-plugin for this CARDID

Recommended Action Please perform a 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' 'show sprom xbar [dec] [dec]' to read module IDPROM contents to collect more information.

Error Message `PLATFORM-4-MOD_TEMPFAIL: [chars] temperature sensor [dec] failed`

Explanation Module in slot [decimal digit] contains a faulty temperature sensor.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message `PLATFORM-4-PFM_FAN_FLTR_STATUS: Fan Filter status: [chars]`

Explanation Fan Filter status: Present/Absent

Recommended Action Please perform a 'show platform internal info.

Error Message `PLATFORM-4-PFM_PS_RED_MODE_CHG: Power redundancy mode changed to [chars]`

Explanation Power redundancy mode changed

Recommended Action Please perform a 'show platform internal info.

Error Message `PLATFORM-4-PFM_WARNING: [chars]`

Explanation Platform Warning

Recommended Action No action is required.

Error Message `PLATFORM-5-FAN_DETECT: Fan module [dec] (Serial number [chars]) [chars] detected`

Explanation Fan module is detected

Recommended Action No action is required.

Error Message `PLATFORM-5-FAN_STATUS: Fan module [dec] (Serial number [chars]) [chars] current-status is [chars]`

Explanation Fan module changed status

Recommended Action No action is required.

Error Message `PLATFORM-5-MOD_STATUS: [chars] current-status is [chars]`

Explanation Module in slot [decimal digit] changed status.

Recommended Action No action is required.

Error Message `PLATFORM-5-PFM_NOTICE: [chars]`

Explanation Platform Notice

Recommended Action No action is required.

Error Message `PLATFORM-5-PS_FOUND: Power supply [dec] found (Serial number [chars])`

Explanation Power Supply is detected.

Recommended Action No action is required.

Error Message `PLATFORM-5-PS_STATUS: PowerSupply [dec] current-status is [chars] [chars]`

Explanation Module in slot [decimal digit] changed status.

Recommended Action No action is required.

Error Message `PLATFORM-5-XBAR_PWRDN: Xbar [dec] powered down (Serial number [chars])`

Explanation The xbar in slot [decimal digit] is powered down.

Recommended Action Please perform a 'show module xbar', 'show platform internal all module [decimal digit]' and 'show module internal all module [decimal digit]' to collect more information if you suspect module has been powered down due to errors.

Error Message `PLATFORM-5-XBAR_PWRUP: Xbar [dec] powered up (Serial number [chars])`

Explanation The xbar in slot [decimal digit] is powered up.

Recommended Action No action is required.

Error Message `PLATFORM-6-PFM_INFO: [chars]`

Explanation Platform Info

Recommended Action No action is required.

Error Message `PLATFORM-7-PFM_CLOCK_UPD_FAIL: Clock update failed due to context-switch delay of [dec] msec`

Explanation System shutdown in [decimal digit] seconds.

Recommended Action Please perform a 'show env temperature' to collect more information.

Error Message `PLOG_SUP-4-PLOG_SUP_EXIT: Persistent Logger encountered an error [dec].`

Explanation Persistent Logger encountered an error

Recommended Action No action is required.

Error Message `PLOG-4-PLOG_LC_EXIT: Persistent Logger encountered an error [dec]`

Explanation Persistent Logger encountered an error

Recommended Action No action is required.

Error Message `PONG-5-PONG_DISABLED: Pong Manager disabled`

Explanation Pong Service Enabled

Recommended Action No action is required.

Error Message `PONG-5-PONG_ENABLED: Pong Manager enabled`

Explanation Pong Service Enabled

Recommended Action No action is required.

Error Message `PONG-5-PONG_INJECTED: Pong packet injected`

Explanation Pong packet injected

Recommended Action No action is required.

Error Message `PORT-CHANNEL-1-LC_CFG_FAILURE: configuring module [dec] failed [[chars]]`

Explanation Module configuration failed

Recommended Action Module will be automatically reset

Error Message `PORT-CHANNEL-1-MALLOC_FAILED: cannot allocate memory (size [dec])`

Explanation No enough memory

Recommended Action No action is required.

Error Message `PORT-CHANNEL-1-MAP_PARAM_FAILURE: mapping parameter failed for [chars] [[chars]]`

Explanation Parameter mapping failed

Recommended Action Specified service is misbehaving; check its status

Error Message `PORT-CHANNEL-1-MCAST_SEND_FAILURE: failed to send multicast [chars]: [chars]`

Explanation Failed to send a multicast message to all modules, usually because some module went down

Recommended Action Run show port-channel consistency to check consistency

Error Message `PORT-CHANNEL-2-AUTO_CREATE_DISABLED: [chars] has been deprecated; [chars] [chars]`

Explanation Auto create port-channel is deprecated and disabled

Recommended Action Convert the auto created channel to presistent by doing port-channel <n> persistent

Error Message `PORT-CHANNEL-2-RESET_MODULE: reset module [dec] for not responding or returning error`

Explanation A module is reset for not responding or returning error

Recommended Action No action is required.

Error Message `PORT-CHANNEL-3-COMPAT_CHECK_FAILURE: [chars] is not compatible`

Explanation Compatibility check failed when adding ports to port-channel

Recommended Action Make sure the compatibility parameters are consistent while adding ports to port-channel, or use force option

Error Message `PORT-CHANNEL-3-GENERAL_ERROR: [chars]`

Explanation General error

Recommended Action No action is required.

Error Message `PORT-CHANNEL-3-LACP_ERROR: [chars]`

Explanation LACP error

Recommended Action No action is required.

Error Message `PORT-CHANNEL-3-LC_CFG_TIMEOUT_ENTRY_PORT_ERR_DISABLE: Failed to send LC config due to timeout, Port [chars] Err disabled`

Explanation Failed to send a lc_config message

Recommended Action No action is required.

Error Message `PORT-CHANNEL-3-LC_CFG_UCAST_FAILED_PORT_ERR_DISABLE: Failed to send LC config unicast msg, Port [chars] Err disabled`

Explanation Failed to send a lc_config unicast message

Recommended Action No action is required.

Error Message `PORT-CHANNEL-3-LC_CFG_UCAST_SEND_FAILURE: Failed to send LC config Unicast msg to slot [dec] node [hex] sap [dec]: [chars]. Resetting LineCard`

Explanation Failed to send a lc_config unicast message

Recommended Action No action is required.

Error Message `PORT-CHANNEL-3-MSG_SEND_FAILURE: failed to send [chars] to sap [dec]: [chars]`

Explanation Failed to send a message

Recommended Action No action is required.

Error Message `PORT-CHANNEL-3-PORT_CHANNEL_NOT_FOUND: [chars] is not found`

Explanation Cannot find port-channel in its database, which indicates an inconsistency with an external component

Recommended Action No action is required.

Error Message `PORT-CHANNEL-3-TIMEOUT: timed out after [dec] seconds [type [chars], state [chars]]`

Explanation Some operation timed out

Recommended Action Run show port-channel consistency to check all module connectivity and consistency

Error Message `PORT-CHANNEL-4-PORT_CFG_DELETED: [chars] removed from [chars]`

Explanation Port is removed from a port-channel because different module was inserted or module config purged

Recommended Action You lost some ports from port-channel, check if you want to add ports in the new module to the same port-channel.

Error Message `PORT-CHANNEL-4-PORT_INDIVIDUAL: port [chars] is operationally individual`

Explanation The port is operating as an individual link even though it is locally or remotely configured to be part of a port channel

Recommended Action Check the configuration of the port locally and remotely to ensure that it can operate as part of a port channel

Error Message `PORT-CHANNEL-4-PORT_NOT_FOUND: port [chars] is not part of port-channel`

Explanation Cannot find the port in port-channel database, which indicates an inconsistency with an external component

Recommended Action No action is required.

Error Message `PORT-CHANNEL-4-RACE_WARN: [chars]`

Explanation Warning of possible race condition

Recommended Action No action is required.

Error Message `PORT-CHANNEL-4-UNEXPECTED_RESPONSE: unexpected response [chars] from [chars]`

Explanation Received an unexpected response and discarded

Recommended Action No action is required.

Error Message `PORT-CHANNEL-5-AUTO_CREATE_FAILURE: [chars] [chars]`

Explanation Auto create process on the port failed

Recommended Action No action is required.

Error Message `PORT-CHANNEL-5-CREATED: [chars] created`

Explanation A port-channel is created

Recommended Action No action is required.

Error Message `PORT-CHANNEL-5-DELETED: [chars] deleted`

Explanation A port-channel is deleted

Recommended Action No action is required.

Error Message `PORT-CHANNEL-5-FOP_CHANGED: [chars]: first operational port changed from [chars] to [chars]`

Explanation The first operational port in a port-channel is changed

Recommended Action No action is required.

Error Message `PORT-CHANNEL-5-MAX_CHANNEL_DISALLOWED: Module failed to come online because port channel interface <port-channel number> greater than [dec] is present`

Explanation The port-channel number configured on the switch is larger than 128

Recommended Action Delete the set of port channel interface <port-channel interface> which is greater than 128

Error Message `PORT-CHANNEL-5-PORT_ADDED: [chars] added to [chars]`

Explanation Ports are added to a port-channel

Recommended Action No action is required.

Error Message `PORT-CHANNEL-5-PORT_DOWN: [chars]: [chars] is down`

Explanation Port goes down in a port-channel

Recommended Action No action is required.

Error Message `PORT-CHANNEL-5-PORT_REMOVED: [chars] removed from [chars]`

Explanation Ports are removed from a port-channel

Recommended Action No action is required.

Error Message `PORT-CHANNEL-5-PORT_UP: [chars]: [chars] is up`

Explanation Port comes up in a port-channel

Recommended Action No action is required.

Error Message `PORT-CHANNEL-6-RESYNC: resyncing [chars] with all modules`

Explanation Resync modules with sup after an error or switchover

Recommended Action No action is required.

Error Message `PORT-CHANNEL-7-GSYNC_DONE: global synchronization is done`

Explanation Port-channel manager finished global synchronization

Recommended Action No action is required.

Error Message `PORT-CHANNEL-7-GSYNC_REQ: requesting global synchronization`

Explanation Port-channel manager requested a global synchronization from active sup

Recommended Action No action is required.

Error Message `PORT-CHANNEL-7-START_ACTIVE: started in active mode`

Explanation Port-channel manager started in active mode

Recommended Action No action is required.

Error Message `PORT-CHANNEL-7-START_DEFAULT: started with default configuration`

Explanation Port-channel manager started with default configuration

Recommended Action No action is required.

Error Message `PORT-CHANNEL-7-START_STANDBY: started in standby mode`

Explanation Port-channel manager started in standby mode

Recommended Action No action is required.

Error Message `PORT-CHANNEL-7-START_STATEFUL: started statefully`

Explanation Port-channel manager started with running configuration

Recommended Action No action is required.

Error Message `PORT-CHANNEL-7-START_STATELESS: started statelessly`

Explanation Port-channel manager started with startup configuration

Recommended Action No action is required.

Error Message `PORT-PROFILE-2-IF_REFRESH_FAILED: Interface Database Refresh failed for [chars]`

Explanation Interface Database Refresh failed

Recommended Action No action is required.

Error Message `PORT-PROFILE-3-ALLOC_FAILED: Failed in File:[chars] Line:[dec] for type [dec] size [dec]`

Explanation SDM process could not allocate heap memory in File:[chars], at line:[dec], for memory-type:[dec] of Size:[dec]

Recommended Action No action is required.

Error Message `PORT-PROFILE-3-ASSERTION_FAILED: Failed in File:[chars] Line:[dec]`

Explanation PPM Process assertion failed in File:[chars], at line:[dec]

Recommended Action No action is required.

Error Message `PORT-PROFILE-3-CREATE_IF_FAILED: Running-config collection Failed for intf range [chars]`

Explanation Running-config collection failed for :[chars]

Recommended Action No action is required.

Error Message `PORT-PROFILE-3-IF_APPLY_FAILED: Config Apply Failed`

Explanation Config Apply Failed

Recommended Action No action is required.

Error Message `PORT-PROFILE-3-PROFILE_CREATE_FAILED: Port-profile [chars] creattion failed with error [chars]`

Explanation Port-profile:[chars] creation failed with [:chars]

Recommended Action No action is required.

Error Message `PORT-PROFILE-3-PROFILE_DEINHERIT_FAILED: Port-profile [chars] de-inherit failed with error [chars] on [chars]`

Explanation Port-profile:[chars] de-inherit failed with [:chars] on [:chars]

Recommended Action No action is required.

Error Message `PORT-PROFILE-3-PROFILE_DELETE_FAILED: Port-profile [chars] is deletion failed with error [chars]`

Explanation Port-profile:[chars] deletion failed with [:chars]

Recommended Action No action is required.

Error Message `PORT-PROFILE-3-PROFILE_DISABLE_FAILED: Port-profile [chars] disable failed with error [chars]`

Explanation Port-profile:[chars] disable failed with [:chars]

Recommended Action No action is required.

Error Message `PORT-PROFILE-3-PROFILE_ENABLE_FAILED: Port-profile [chars] enable failed with error [chars]`

Explanation Port-profile:[chars] enable failed with [:chars]

Recommended Action No action is required.

Error Message `PORT-PROFILE-3-PROFILE_INHERIT_FAILED: Port-profile [chars] inherit failed with error [chars] on [chars]`

Explanation Port-profile:[chars] inherit failed with [:chars] on [:chars]

Recommended Action No action is required.

Error Message `PORT-PROFILE-6-PROFILE_CREATED: Port-profile [chars] is created successfully`

Explanation Port-profile:[chars] is created

Recommended Action No action is required.

Error Message `PORT-PROFILE-6-PROFILE_DEINHERITED: Port-profile [chars] is de-inherited successfully on [chars]`

Explanation Port-profile:[chars] is de-inherited on [:chars]

Recommended Action No action is required.

Error Message `PORT-PROFILE-6-PROFILE_DELETED: Port-profile [chars] is deleted successfully`

Explanation Port-profile:[chars] is deleted

Recommended Action No action is required.

Error Message `PORT-PROFILE-6-PROFILE_DISABLED: Port-profile [chars] is disabled successfully`

Explanation Port-profile:[chars] is disabled

Recommended Action No action is required.

Error Message `PORT-PROFILE-6-PROFILE_ENABLED: Port-profile [chars] is enabled successfully`

Explanation Port-profile:[chars] is enabled

Recommended Action No action is required.

Error Message `PORT-PROFILE-6-PROFILE_INHERITED: Port-profile [chars] is inherited successfully on [chars]`

Explanation Port-profile:[chars] is inherited on [:chars]

Recommended Action No action is required.

Error Message `PORT-RESOURCES-3-PRM_MSG_SEND_FAILURE: failed to send [chars] to sap [dec]: [chars]`

Explanation Failed to send a message

Recommended Action No action is required.

Error Message `PORT-RESOURCES-5-INVALID_PORT_ACTIV_PKG_LICENSE_FILE_INSTALLED: Invalid on demand port activation license file is installed for module [dec] (number of port licenses = [dec])`

Explanation Interfaces may not acquire port activation licenes during installation

Recommended Action Install a valid port activation license file

Error Message `PORT-SECURITY-2-ALLOC_FAILED: Memory allocation failed for size:[dec] for [chars]`

Explanation Memory allocation failed for size [dec] for [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `PORT-SECURITY-2-FEATURE_DISABLED: Feature [chars] disabled due to [chars]`

Explanation Feature [chars] is unavailable and will be disabled now

Recommended Action Please install the correct license and reenable

Error Message `PORT-SECURITY-3-BINDING_CONFLICT: [chars]`

Explanation An already logged in device is in conflict with the PSM active binding configurations. [chars] indicates the WWN of the login entity, interface

Recommended Action For port-security, the auto-learn feature can be used with activation to prevent this. This violating device or switch will be logged out

Error Message `PORT-SECURITY-3-BINDING_VIOLATION: [chars]`

Explanation A login happend that violates PSM binding configurations [chars] indicates the WWN of the login entity

Recommended Action Only entries in the activated database of PSM can login. Change the config and activate it again

Error Message `PORT-SECURITY-3-CFS_NOTIF_ERR: [chars]`

Explanation An error occurred during the processing of a CFS notification. [chars] indicates the actual cause for the error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `PORT-SECURITY-3-DB_ERR: [chars]`

Explanation An error occurred during an PSM database operation. [chars] indicates the reason for the error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `PORT-SECURITY-3-EFMD_FC2_OPER_FAILED: [chars]`

Explanation EFMD fc2 operation failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `PORT-SECURITY-3-EFMD_INIT_FAILED: [chars]`

Explanation EFMD init failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `PORT-SECURITY-3-EFMD_MERGE_UNKNOWN_FORMAT: [chars]`

Explanation Received a corrupted EFMD Request Packet

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `PORT-SECURITY-3-INIT_FAIL: [chars]`

Explanation An error happened during PSM Initialization. [chars] indicates the reason for failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `PORT-SECURITY-3-LEARNT_BINDING_CONFLICT: [chars]`

Explanation An already logged in device that is learnt during activation is in conflict with the PSM active binding configurations. [chars] indicates the WWN of the login entity, interface

Recommended Action Copy the active-db to config-db and reactivate. Not doing so could result in unexpected login rejects later on that interface.

Error Message `PORT-SECURITY-3-MTS_ERR: [chars]`

Explanation An error occurred in processing of an MTS message. [chars] indicates the error that occurred

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `PORT-SECURITY-3-PSS_ERR: [chars]`

Explanation An error occurred during an PSM PSS operation. [chars] indicates the PSS operation that caused the error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `PORT-SECURITY-3-PSS_VER_FAIL: PSS file [chars] has version [dec].[dec].[dec], expected version [dec].[dec].[dec]`

Explanation There was a mismatch in the PSS version. [chars] indicates the PSS service, [dec].[dec].[dec] its current version number and [dec].[dec].[dec] the expected version

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `PORT-SECURITY-4-ACTIVATION_FAIL: [chars]`

Explanation Activation of bindings failed due to [chars]

Recommended Action Correct the error and reactivate it again

Error Message `PORT-SECURITY-6-INFO: [chars]`

Explanation An event happend that affects PSM. [chars] indicates the event

Recommended Action No action is required.

Error Message `PORT-2-IF_DOWN_ERROR_DISABLED: Interface [chars] is down (Error disabled) [chars] [chars]`

Explanation The interface encountered an error while configuring it. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Collect more information about failed interface using command 'show port internal all interface [char]'. In most cases, you can recover using following commands 'config terminal', 'interface [char]', 'shutdown', 'no shutdown' on the interface or removing and re-inserting the fibre optic cable

Error Message `PORT-2-IF_DOWN_LINK_FAILURE_CRIT: Interface [chars] is down (Link failure)`

Explanation The physical link has gone down

Recommended Action Ensure that the cable is connected and the remote end is not shut down

Error Message `PORT-3-IF_NON_CISCO_TRANSCEIVER: Non-Cisco transceiver on interface [chars] is detected`

Explanation The transceiver for the interface specified in the error message is not a Cisco module

Recommended Action Replace the module with a compatible transceiver. If the transceiver was purchased from Cisco, please contact Cisco TAC to get the transceiver replaced

Error Message `PORT-3-IF_SFP_ALARM: Interface [chars], [chars] [chars] [chars]`

Explanation There was an alarm on the transceiver module. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please do show interface transceiver details to obtain more information

Error Message `PORT-3-IF_TRANSCEIVER_READ_ERROR: Transceiver read error for interface [chars] [chars] [chars]`

Explanation Transceiver eeprom read failed. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Remove and insert the SFP back again. If the problem persists check if the transceiver is supported using the command: show interface transceiver. Please contact customer support to resolve the condition

Error Message `PORT-3-IF_UNSUPPORTED_TRANSCEIVER: Transceiver for interface [chars] is not supported`

Explanation Transceiver is not from an authorized vendor

Recommended Action This command will determine the transceiver being used: show interface transceiver. Please contact customer support for a list of authorized transceiver vendors

Error Message `PORT-4-IF_SFP_CLK_RATE_ERROR: SFP clock rate error for interface [chars] [chars] [chars]`

Explanation SFP clock rate mismatch/failed. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Remove the SFP and insert a new one with a different frequency type. If the problem persists check if the transceiver is supported using the command: show interface transceiver. Please contact customer support to resolve the condition

Error Message `PORT-4-IF_SFP_WARNING: Interface [chars], [chars] [chars] [chars]`

Explanation There was an warning on the transceiver module. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please do show interface transceiver details to obtain more information

Error Message `PORT-4-IF_TRUSTSEC_VIOLATION: Interface [chars] encountered port security violation [chars] [chars]`

Explanation The port has detected port security violation. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Check port security configs on interface

Error Message `PORT-5-EC_DISABLED_AS_LICENSE_NOT_PRESENT: Extended credit feature has been disabled as Enterprise Package license could not be checked out`

Explanation The Enterprise Package license is not available, so the extened credit feature has been disabled even though it was present in startup config

Recommended Action Install the Enterprise Package license and re-enable the extended credit feature

Error Message `PORT-5-IF_BRINGUP_ALLOWED_FCOT_CHECKSUM_ERR: Interface [chars] is allowed to come up even with SFP checksum error [chars] [chars]`

Explanation SFP checksum on this interface failed. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Try to replace the SFP on this interface

Error Message `PORT-5-IF_BRINGUP_FAILED_ALL_ZERO_PEER_WWN_RCVD: Interface [chars], is not allowed to come up (received as all zeros wwn from peer [chars] [chars]`

Explanation Check peer interface configuration. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message `PORT-5-IF_BRINGUP_NOT_ALLOWED_PORT_CONFIG_FAILURE: Interface [chars] is not allowed to be operational due to port config failure for reason: [chars] ([hex]) [chars] [chars]`

Explanation Check interface configuration. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Try to change the configuration on the interface with the current available hardware capability

Error Message `PORT-5-IF_DOWN_ADMIN_DOWN: Interface [chars] is down (Administratively down) [chars] [chars]`

Explanation Interface has been configured to be administratively down. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Perform the following commands to bring up the interface: 'config terminal', 'interface [char]', 'no shutdown'

Error Message `PORT-5-IF_DOWN_BIT_ERR_RT_THRES_EXCEEDED: Interface [chars] is down (Error disabled - bit error rate too high) [chars] [chars]`

Explanation The port has detected too high bit error rate in frames received from attached device. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Check the attached device; replace it if needed

Error Message `PORT-5-IF_DOWN_BUNDLE_MISCFG: Interface [chars] is down (Isolation due to channel mis-configuration on local or remote switch) [chars] [chars]`

Explanation One port across a link is part of a PortChannel while the other is not. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action While adding or deleting a member port from a PortChannel, both ports across the link should be added/deleted. No operation should be performed on either ports until they are both added/deleted.

Error Message `PORT-5-IF_DOWN_CFG_CHANGE: Interface [chars] is down(Config change) [chars] [chars]`

Explanation FCIP interface temporarily down due to reconfiguration. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message `PORT-5-IF_DOWN_CHANNEL_ADMIN_DOWN: Interface [chars] is down (Channel admin down) [chars] [chars]`

Explanation This interface belongs to a PortChannel and the PortChannel is configured to be administratively down. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Perform the following commands on the PortChannel interface to which it belongs to bring the interface up: 'config terminal', 'interface [char]', 'shutdown', 'no shutdown'

Error Message `PORT-5-IF_DOWN_CHANNEL_MEMBERSHIP_UPDATE_IN_PROGRESS: Interface [chars] is down (Channel membership update in progress) [chars] [chars]`

Explanation The interface belongs to a PortChannel and a configuration is being attempted on the interface while there is a configuration in progress on the PortChannel. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Retry the configuration again

Error Message `PORT-5-IF_DOWN_DENIED_DUE_TO_PORT_BINDING: Interface [chars] is down(Suspended due to port binding) [chars] [chars]`

Explanation The F port is suspended due to being denied by port binding. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please check the port binding database to allow the host port to log in.

Error Message `PORT-5-IF_DOWN_DOMAIN_ADDR_ASSIGN_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to domain id assignment failure) [chars] [chars]`

Explanation Isolated due to a failure while assigning a domain. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message `PORT-5-IF_DOWN_DOMAIN_ID_MISMATCH_ISOLATION: Interface [chars] is isolated (configured fcdomain ID is different from runtime config) [chars] [chars]`

Explanation The runtime fcdomain ID does not equal the static configured fcdomain ID. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Ensure that the fcdomain ID configuration matches the runtime config.

Error Message `PORT-5-IF_DOWN_DOMAIN_INVALID_RCF_RECEIVED: Interface [chars] is down (Isolation due to invalid fabric reconfiguration) [chars] [chars]`

Explanation Invalid RCF received. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message `PORT-5-IF_DOWN_DOMAIN_MANAGER_DISABLED: Interface [chars] is down (Isolation due to domain manager disabled) [chars] [chars]`

Explanation Isolated due to domain manager being disabled. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message `PORT-5-IF_DOWN_DOMAIN_MAX_RETRANSMISSION_FAILURE: Interface [chars] is down (Isolation due to domain manager other side not responding) [chars] [chars]`

Explanation Remote end domain manager not responding. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message `PORT-5-IF_DOWN_DOMAIN_NOT_ALLOWED_ISOLATION: Interface [chars] is isolated (domain not allowed) [chars] [chars]`

Explanation There aren't enough allowed domains to merge the VSANs across the link. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Ensure that all assigned domain id's are in the configured allowed domains on both sides of the link.

Error Message `PORT-5-IF_DOWN_DOMAIN_OTHER_SIDE_EPORT_ISOLATED: Interface [chars] is down (Isolation due to domain other side eport isolated) [chars] [chars]`

Explanation Isolating this interface due to the remote end being isolated. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message `PORT-5-IF_DOWN_DOMAIN_OVERLAP_ISOLATION: Interface [chars] is down (Isolation due to domain overlap) [chars] [chars]`

Explanation Isolated due to domain overlap. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message `PORT-5-IF_DOWN_DPVM_VSAN_NOT_FOUND: Interface [chars] is down (dynamic vsan not present) [chars] [chars]`

Explanation The specified dynamic vsan is not configured on this switch. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Configure the dynamic vsan.

Error Message `PORT-5-IF_DOWN_DPVM_VSAN_SUSPENDED: Interface [chars] is down (dynamic vsan in suspended state) [chars] [chars]`

Explanation The specified dynamic vsan is in suspended state. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Un-suspend the dynamic vsan.

Error Message `PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_CLASSF_PARAM_ERR: Interface [chars] is down (Isolation due to ELP failure: class F param error) [chars] [chars]`

Explanation ELP failed on the interface due to class F param error. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Configure the attached switchport correctly and try again

Error Message `PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_CLASSN_PARAM_ERR: Interface [chars] is down (Isolation due to ELP failure: class N param error) [chars] [chars]`

Explanation ELP failed on the interface due to class N param error. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Configure the attached switchport correctly and try again

Error Message `PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_INVALID_PAYLOAD_SIZE: Interface [chars] is down (Isolation due to ELP failure: invalid payload size)`

Explanation ELP failed on the interface due to invalid payload size

Recommended Action Configure the attached switchport correctly and try again

Error Message `PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_INVALID_PORT_NAME: Interface [chars] is down (Isolation due to ELP failure: invalid port name) [chars] [chars]`

Explanation ELP failed on the interface due to invalid port name. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Configure the attached switchport correctly and try again

Error Message `PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_INVALID_SWITCH_NAME: Interface [chars] is down (Isolation due to ELP failure: invalid switch name) [chars] [chars]`

Explanation ELP failed on the interface due to invalid switch name. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Configure the attached switchport correctly and try again

Error Message `PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_INVALID_TX_BBCREDIT: Interface [chars] is down (Isolation due to ELP failure: loopback detected) [chars] [chars]`

Explanation ELP failed on the interface due to loopback connection detected. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Connect to a port on another switch and try again

Error Message `PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_LOOPBACK_DETECTED: Interface [chars] is down (Isolation due to ELP failure: invalid transmit B2B credit) [chars] [chars]`

Explanation ELP failed on the interface due to invalid transmit B2B credit. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Configure the attached switchport correctly and try again

Error Message `PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_RATOV_EDTOV_MISMATCH: Interface [chars] is down (Isolation due to ELP failure: R_A_TOV or E_D_TOV mismatch) [chars] [chars]`

Explanation ELP failed on the interface due to R_A_TOV or E_D_TOV mismatch. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Configure R_A_TOV and E_D_TOV values correctly and try again

Error Message `PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_REVISION_MISMATCH: Interface [chars] is down (Isolation due to ELP failure: revision mismatch) [chars] [chars]`

Explanation ELP failed on the interface due to revision mismatch. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Configure the attached switchport correctly and try again

Error Message `PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_UNKNOWN_FLOW_CTL_CODE: Interface [chars] is down (Isolation due to ELP failure: invalid flow control code) [chars] [chars]`

Explanation ELP failed on the interface due to invalid flow control code. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Configure the attached switchport correctly and try again

Error Message `PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_UNKNOWN_FLOW_CTL_PARAM: Interface [chars] is down (Isolation due to ELP failure: invalid flow control param) [chars] [chars]`

Explanation ELP failed on the interface due to invalid flow control param. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Configure the attached switchport correctly and try again

Error Message `PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to ELP failure) [chars] [chars]`

Explanation ELP failed on the interface. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Check the output of 'show port internal info' in the 'ELP failure reason' field

Error Message `PORT-5-IF_DOWN_EPP_FAILURE: Interface [chars] is down (Error Disabled - EPP Failure) [chars] [chars]`

Explanation Trunk protocol failed. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action 'show port internal event-history msgs' will indicate the trunk protocol exchanges to determine why it failed

Error Message `PORT-5-IF_DOWN_ESC_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to ESC failure) [chars] [chars]`

Explanation ESC failed on the interface. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Check the output of 'show port internal event-history' to determine the ESC protocol exchanges to determine how it failed

Error Message `PORT-5-IF_DOWN_ETH_IF_DOWN: Interface [chars] is down(Tunnel port src interface down) [chars] [chars]`

Explanation Ethernet link to which the FCIP interface is bound is down. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Ensure that the ethernet cable is connected, the interface is administratively enabled

Error Message `PORT-5-IF_DOWN_ETH_LINK_DOWN: Interface [chars] is down(Tunnel port src interface link down) [chars] [chars]`

Explanation Ethernet link to which the FCIP interface is bound is down. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Ensure that the ethernet cable is connected and the remote end is also active

Error Message `PORT-5-IF_DOWN_FABRIC_BIND_FAILURE: Interface [chars] is down(Isolation due to fabric bind failure) [chars] [chars]`

Explanation Fabric binding failed on this port. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please check the fabric binding database to ensure that the remote port is allowed to connect to this port

Error Message `PORT-5-IF_DOWN_FCOT_NOT_PRESENT: Interface [chars] is down (FCOT not present) [chars] [chars]`

Explanation The FCOT has been removed. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Insert an FCOT

Error Message `PORT-5-IF_DOWN_FCOT_REMOVED: Interface [chars] is down (FCOT has been removed) [chars] [chars]`

Explanation The FCOT has been removed. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Insert an FCOT

Error Message `PORT-5-IF_DOWN_FCOT_VENDOR_NOT_SUPPORTED: Interface [chars] is down (Error disabled - FCOT vendor not supported) [chars] [chars]`

Explanation FCOT inserted is not a supported one. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please contact customer support for a list of authorized transceiver vendors

Error Message `PORT-5-IF_DOWN_FCSP_AUTHENT_FAILURE: Interface [chars] is down (FC-SP authentication failure) [chars] [chars]`

Explanation The port failed FC-SP authentication with its peer. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please check the FC-SP configuration.

Error Message `PORT-5-IF_DOWN_FICON_BEING_ENABLED: Interface [chars] is down(FICON being enabled) [chars] [chars]`

Explanation FICON is being enabled on the port. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please wait. This might take a while

Error Message `PORT-5-IF_DOWN_FICON_NOT_ENABLED: Interface [chars] is down(Error disabled - FICON not enabled) [chars] [chars]`

Explanation FICON not enabled on port. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please enable FICON on port

Error Message `PORT-5-IF_DOWN_FICON_VSAN_DOWN: Interface [chars] is down(FICON vsan down) [chars] [chars]`

Explanation FICON is being enabled on the port VSAN of this port. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action This is an intermediary state, whereby the port VSAN of the port is being enabled to be a FICON VSAN.

Error Message `PORT-5-IF_DOWN_HW_FAILURE: Interface [chars] is down (Hardware Failure) [chars] [chars]`

Explanation The module's hardware has failed. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Collect more information about failed module using command 'show module internal all module'

Error Message `PORT-5-IF_DOWN_INACTIVE: Interface [chars] is down (Inactive) [chars] [chars]`

Explanation The port VSAN has been suspended or deleted. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Assign a new active port VSAN to the interface

Error Message `PORT-5-IF_DOWN_INCOMPATIBLE_ADMIN_MODE: Interface [chars] is down (Error disabled - Incompatible admin port mode) [chars] [chars]`

Explanation The configured mode is not supported on this interface. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Perform a 'show port internal info' to determine the list of modes supported on this interface

Error Message `PORT-5-IF_DOWN_INCOMPATIBLE_ADMIN_RXBBCREDIT: Interface [chars] is down (Error disabled - Incompatible admin port rxbbcredit) [chars] [chars]`

Explanation The configured receive B2B credit size is not supported. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Get the allowed receive B2B credit size from 'show port internal info'

Error Message `PORT-5-IF_DOWN_INCOMPATIBLE_ADMIN_RXBUFSIZE: Interface [chars] is down (Error disabled - Incompatible admin port rxbufsize) [chars] [chars]`

Explanation The configured receive buffer size is not supported. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Get the allowed receive buffer size from 'show port internal info'

Error Message `PORT-5-IF_DOWN_INCOMPATIBLE_ADMIN_SPEED: Interface [chars] is down (Error disabled - Incompatible admin port speed) [chars] [chars]`

Explanation The configured speed is not supported on this interface. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Perform a 'show port internal info' to determine the range of speed supported on this interface

Error Message `PORT-5-IF_DOWN_INITIALIZING: Interface [chars] is down (Initializing) [chars] [chars]`

Explanation The interface is in the process of coming up. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action If the interface is stuck in this state for a while, check the output of 'show port internal event-history' to determine what it is waiting for

Error Message `PORT-5-IF_DOWN_INTERFACE_REMOVED: Interface [chars] is down (Interface removed) [chars] [chars]`

Explanation Interface removed. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message `PORT-5-IF_DOWN_INVALID_ATTACHMENT: Interface [chars] is down(Invalid attachment) [chars] [chars]`

Explanation The peer port does not have the compatible security attributes. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please ensure that the peer port has compatible security attributes as the local port.

Error Message `PORT-5-IF_DOWN_INVALID_CONFIG: Interface [chars] is down(Error disabled - Possible PortChannel misconfiguration) [chars] [chars]`

Explanation The local and peer port have a PortChannel membership misconfiguration. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Ensure that both the local and peer ports are either both members of the same PortChannel or are not both part of PortChannel

Error Message `PORT-5-IF_DOWN_INVALID_FABRIC_BINDING: Interface [chars] is down(Invalid fabric binding exchange) [chars] [chars]`

Explanation Fabric binding failed. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please check fabric binding database

Error Message `PORT-5-IF_DOWN_LINK_FAILURE: Interface [chars] is down (Link failure [chars]) [chars] [chars]`

Explanation The physical link has gone down. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Ensure that the cable is connected and the remote end is not shut down

Error Message `PORT-5-IF_DOWN_LOCALLY_DISRUPTIVE_RECONFIGURATION: Interface [chars] is down (fcdomain applied a locally disruptive reconfiguration) [chars] [chars]`

Explanation Fcdomain applied a locally disruptive reconfiguration (local domain became invalid. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message `PORT-5-IF_DOWN_LOOPBACK_DIAG_FAILURE: Interface [chars] is down (Diag failure) [chars] [chars]`

Explanation Diag failed on the interface. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Collect more information about failed interface using command 'attach module' to connect to module

Error Message `PORT-5-IF_DOWN_LOOPBACK_ISOLATION: Interface [chars] is down (Isolation due to port loopback to same switch) [chars] [chars]`

Explanation The interface is looped back to another interface on the same switch. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Check the connectivity of this interface and ensure that it is connected to another switch

Error Message `PORT-5-IF_DOWN_MODULE_REMOVED: Interface [chars] is down (module removed) [chars] [chars]`

Explanation Interface is down because the module was removed. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message `PORT-5-IF_DOWN_NONE: Interface [chars] is down (None) [chars] [chars]`

Explanation There is no apparent reason the interface is down. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Collect more information about port using command 'show port internal all interface [char]' to determine why it went down

Error Message `PORT-5-IF_DOWN_NON_PARTICIPATING: Interface [chars] is down (Non participating) [chars] [chars]`

Explanation The loop port has been put into non participating mode. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message `PORT-5-IF_DOWN_NOS_RCVD: Interface [chars] is down (NOS received) [chars] [chars]`

Explanation The physical link has gone down. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Ensure that the cable is connected and the remote end is not shut down

Error Message `PORT-5-IF_DOWN_NO_TRUNK_OPER_VSANS_ISOLATION: Interface [chars] is down(Isolation due to no common vsans with peer on trunk) [chars] [chars]`

Explanation The trunk port is isolated as there are no common VSANs to be brought up with the peer port. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please check that there are common VSANs configured and allowed to come up between the ports.

Error Message `PORT-5-IF_DOWN_OFFLINE: Interface [chars] is down (Offline) [chars] [chars]`

Explanation The interface has been placed into the offline state. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message `PORT-5-IF_DOWN_OHMS_EXTERNAL_LB_TEST: Interface [chars] is down(Loopback test) [chars] [chars]`

Explanation Loopback tests. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please wait. This might take a while

Error Message `PORT-5-IF_DOWN_OLS_RCVD: Interface [chars] is down (OLS received) [chars] [chars]`

Explanation The physical link has gone down. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Ensure that the cable is connected and the remote end is not shut down

Error Message `PORT-5-IF_DOWN_PARENT_ADMIN_DOWN: Interface [chars] is down (Parent interface down) [chars] [chars]`

Explanation Parent interface is down. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message `PORT-5-IF_DOWN_PEER_CLOSE: Interface [chars] is down(TCP conn. closed by peer) [chars] [chars]`

Explanation The FCIP peer connected to this interface closed the TCP connection. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action This command will provide the peer IP address of this FCIP interface: show interface. Check to see why the peer closed the TCP connection

Error Message `PORT-5-IF_DOWN_PEER_RESET: Interface [chars] is down(TCP conn. reset by peer) [chars] [chars]`

Explanation TCP connection to the FCIP peer got reset. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Check to see why the peer reset the TCP connection

Error Message `PORT-5-IF_DOWN_PORT_ACT_LICENSE_NOT_AVAILABLE: Interface [chars] is not allowed to come up (port activation license not available [chars] [chars]`

Explanation Assign a port activation license to this port or install additional port activation licenses as needed. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message `PORT-5-IF_DOWN_PORT_BIND_FAILURE: Interface [chars] is down(Isolation due to port bind failure) [chars] [chars]`

Explanation Port binding failed on this port. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please check the port binding database to ensure that the remote port is allowed to connect to this port

Error Message `PORT-5-IF_DOWN_PORT_BLOCKED: Interface [chars] is down(Port blocked due to FICON) [chars] [chars]`

Explanation The port has been blocked by FICON configuration. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please unblock the port in FICON configuration.

Error Message `PORT-5-IF_DOWN_PORT_CHANNEL_MEMBERS_DOWN: Interface [chars] is down (No operational members) [chars] [chars]`

Explanation This is a PortChannel interface and all its members are operationally down. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Enable at least one of the PortChannel's members

Error Message `PORT-5-IF_DOWN_PORT_VSAN_MISMATCH_ISOLATION: Interface [chars] is down (Isolation due to port VSAN mismatch) [chars] [chars]`

Explanation Isolated due to a mismatch in the configured port VSAN of the local and remote ends. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Configure the port VSAN of the local and remote interfaces to be the same and perform a 'shutdown' and a 'no shutdown'

Error Message `PORT-5-IF_DOWN_RCF_IN_PROGRESS: Interface [chars] is down (RCF in progress) [chars] [chars]`

Explanation There is an RCF in progress. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message `PORT-5-IF_DOWN_SOFTWARE_FAILURE: Interface [chars] is down (Port software failure) [chars] [chars]`

Explanation The software servicing the data path on the port has failed. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message `PORT-5-IF_DOWN_SRC_MOD_NOT_ONLINE: Interface [chars] is down(Tunnel source module not online) [chars] [chars]`

Explanation Module that has the tunnel source port of this FCIP interface is not fully online. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action The module that has the tunnel src port is coming online. Please use show mod to find module status

Error Message `PORT-5-IF_DOWN_SRC_PORT_NOT_BOUND: Interface [chars] is down (Tunnel port src interface unbound) [chars] [chars]`

Explanation Tunnel port source interface unbound. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message `PORT-5-IF_DOWN_SRC_PORT_REMOVED: Interface [chars] is down(Tunnel src port removed) [chars] [chars]`

Explanation Tunnel source port of this FCIP interface has been removed. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action The src interface with ip address that matches the ip address of the bound entity is removed. This happens normally due to the module on which the src interface exists is removed

Error Message `PORT-5-IF_DOWN_SUSPENDED_BY_MODE: Interface [chars] is down (Suspended due to incompatible mode) [chars] [chars]`

Explanation This interface belongs to a PortChannel and operational mode of the interface is different from that of the PortChannel. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Change the mode and the trunking mode of the PortChannel from 'auto' and check to ensure that the remote end of the interface also belongs to the same PortChannel

Error Message `PORT-5-IF_DOWN_SUSPENDED_BY_SPEED: Interface [chars] is down (Suspended due to incompatible speed) [chars] [chars]`

Explanation This interface belongs to a PortChannel and operational speedode of the interface is different from that of the PortChannel. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Change the speed of the PortChannel from 'auto' and check to ensure that the remote end of the interface also belongs to the same PortChannel

Error Message `PORT-5-IF_DOWN_SUSPENDED_BY_WWN: Interface [chars] is down (Suspended due to incompatible remote switch WWN) [chars] [chars]`

Explanation This interface belongs to a PortChannel and remote switch WWN of the interface is different from that of the PortChannel. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Ensure that this interface is connected to the same remote switch as all the other interfaces in the PortChannel

Error Message `PORT-5-IF_DOWN_SUSPENDED: Interface [chars] is down (Suspended) [chars] [chars]`

Explanation This interface belongs to a PortChannel and has been suspended to to an error while bringing it up. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action In most cases, you can recover using following commands 'config terminal', 'interface [char]', 'shutdown', 'no shutdown' on the interface. If this happens again obtain output of 'show port internal all interface [char]' on the interface

Error Message `PORT-5-IF_DOWN_TCP_KEEP_ALIVE_EXPIRED: Interface [chars] is down(TCP conn. closed - Keep alive expired) [chars] [chars]`

Explanation TCP session to the FCIP peer got closed due to loss of TCP keep alive. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message `PORT-5-IF_DOWN_TCP_MAX_RETRANSMIT: Interface [chars] is down(TCP conn. closed - retransmit failure) [chars] [chars]`

Explanation Interface is down due to maximum retransmission failure. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message `PORT-5-IF_DOWN_TCP_PERSIST_TIMER_EXPIRED: Interface [chars] is down(TCP conn. closed - Persist timer expired) [chars] [chars]`

Explanation TCP session to the FCIP peer closed because TCP persist timer expired. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message `PORT-5-IF_DOWN_TOO_MANY_INTR: Interface [chars] is down (Error disabled - too many interrupts) [chars] [chars]`

Explanation The port has received too many interrupts in the hardware. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Check the attached device; replace it if needed

Error Message `PORT-5-IF_DOWN_TOO_MANY_INVALID_FLOGIS: Interface [chars] is down(Suspended due to too many invalid flogis [chars] [chars]`

Explanation The port is suspended due to receiving a large number of invalid FLOGI's. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please check the HBA and perform a shut, followed by no shut on the port.

Error Message `PORT-5-IF_DOWN_UPGRADE_IN_PROGRESS: Interface [chars] is down (Linecard upgrade in progress) [chars] [chars]`

Explanation Upgrade of the linecard software is in progress. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message `PORT-5-IF_DOWN_VIRTUAL_IVR_DOMAIN_OVERLAP_ISOLATION: Interface [chars] is down (Isolation due to virtual IVR domain overlap) [chars] [chars]`

Explanation Isolated due to virtual IVR domain overlap. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message `PORT-5-IF_DOWN_VSAN_MISMATCH_ISOLATION: Interface [chars] is down (Isolation due to vsan mismatch) [chars] [chars]`

Explanation This is a trunking interface and the VSANs configured do not match with the VSANs configured on the remote end. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Check the VSANs configured on the local end with the remote end

Error Message `PORT-5-IF_DOWN_ZONE_MERGE_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to zone merge failure) [chars] [chars]`

Explanation Isolated due to a failure during zone merge. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message `PORT-5-IF_DOWN_ZONE_REMOTE_NO_RESP_ISOLATION: Interface [chars] is down (Isolation due to remote zone server not responding) [chars] [chars]`

Explanation Isolated due to remote zone server not responding. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message `PORT-5-IF_PORT_GUARD_DOWN: Interface [chars] is down ([chars]) [chars] [chars]`

Explanation The interface is down due to port guard configuration. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Perform a shut followed by no shut to bring up the interface

Error Message `PORT-5-IF_PORT_QUIESCE_FAILED: Interface [chars] port quiesce failed due to failure reason: [chars] ([hex])`

Explanation There may be few packet drops due to this failure

Recommended Action No action is required.

Error Message `PORT-5-IF_PSS_DUPLICATE_KEY: Duplicate key found for Interface [chars]`

Explanation Duplicate pss key detected

Recommended Action No action is required.

Error Message `PORT-5-IF_TRUNK_DOWN: Interface [chars], vsan [chars] is down ([chars]) [chars] [chars]`

Explanation Interface [chars] is trunking, VSAN [chars] is down with reason in (). [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action The following commands will help determine why this VSAN is down on this interface: show interface, show port internal info interface VSAN, show port internal event-history interface VSAN

Error Message `PORT-5-IF_TRUNK_UP: Interface [chars], vsan [chars] is up [chars] [chars]`

Explanation Interface [chars] is trunking, VSAN [chars] is up. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message `PORT-5-IF_UP: Interface [chars] is up [chars] [chars] [chars]`

Explanation Interface is up in mode specified, if applicable. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message `PORT-5-MODULE_BRINGUP_NOT_ALLOWED: Not allowing module [dec] to come up for reason: [chars] ([hex])`

Explanation Module is not allowed to be operational due to the current system state

Recommended Action Use command show module <x> recovery-steps and follow the steps described

Error Message `PORT-5-MODULE_INDEX_RESTORE_ERROR: Error in restoring indices for module [dec]: reason [chars] ([hex])`

Explanation Restore of module index may fail due to overlap of indices

Recommended Action No action is required.

Error Message `PORT-5-MODULE_UNLIMITED_OSM_SEQ_FAILED: Enable/Disable of unlimited oversubscription failed for module [dec]`

Explanation Interfaces of the module may be in indeterminate state

Recommended Action Reload the module

Error Message `PRIVATE_VLAN-2-PVLAN_ASSOC_DOWN_FAILED: Failed to bring down the association between [dec] & [dec]`

Explanation Association bringdown failed

Recommended Action No action is required.

Error Message `PRIVATE_VLAN-2-PVLAN_ASSOC_UP_FAILED: Failed to bring up the association between [dec] & [dec]`

Explanation Association bringup failed

Recommended Action No action is required.

Error Message `PRIVATE_VLAN-2-PVLAN_ELTM_MTS_SEND_FAILED: MTS send failed while communicating with ELTM.`

Explanation ELTM MTS send failed

Recommended Action No action is required.

Error Message `PRIVATE_VLAN-2-PVLAN_ELTM_TIMED_OUT: ELTM timed out while configuring hardware.`

Explanation ELTM timed out

Recommended Action No action is required.

Error Message `PRIVATE_VLAN-2-PVLAN_ETHPM_TIMED_OUT: ETHPM timed out while configuring/unconfiguring hardware`

Explanation ETHPM timed out

Recommended Action No action is required.

Error Message `PRIVATE_VLAN-2-PVLAN_HW_ERROR: Error [hex] occurred for ifindex [hex] while programming hardware: [chars]`

Explanation Hardware Configuration Error

Recommended Action No action is required.

Error Message `PRIVATE_VLAN-2-PVLAN_PIXM_MTS_SEND_FAILED: MTS send failed while communicating with PIXM`

Explanation PIXM MTS send failed

Recommended Action No action is required.

Error Message `PRIVATE_VLAN-2-PVLAN_PIXM_TIMED_OUT: PIXM timed out while configuring hardware.`

Explanation PIXM timed out

Recommended Action No action is required.

Error Message `PRIVATE_VLAN-3-PVLAN_ASSOC_SDB_UPDATE_FAILED: Failed to update SDB while [chars] association for vlan [dec]`

Explanation SDB Update failed

Recommended Action No action is required.

Error Message `PRIVATE_VLAN-3-PVLAN_VLANMGR_FAILURE: Cannot restore association operational state. Failed to communicate with VLAN manager`

Explanation Restoring association operational status failed

Recommended Action No action is required.

Error Message `PRIVATE_VLAN-5-PVLAN_DISABLED: PVLAN Disabled`

Explanation PVLAN Service Disabled

Recommended Action No action is required.

Error Message `PRIVATE_VLAN-5-PVLAN_DISABLE_FAILED: Disabling of private-vlan failed. Either shutdown these ports or remove them from private-vlan mode: [chars]`

Explanation Disabling of private-vlan failed

Recommended Action No action is required.

Error Message `PRIVATE_VLAN-5-PVLAN_ENABLED: PVLAN Enabled`

Explanation PVLAN Service Enabled

Recommended Action No action is required.

Error Message `PROC_MGR-SLOT#-2-ERR_MSG: [chars]`

Explanation Process manager error.

Recommended Action No action is required.

Error Message `PROC_MGR-SLOT#-2-MESG: [chars]`

Explanation Process manager information.

Recommended Action Process manager information.

Error Message `PROC_MGR-SLOT#-2-PROC_MGR_APP_CRIT_ERROR: ERROR: Critical error determined for app ([chars]) status=[dec] signal=[dec]`

Explanation Application caused critical error.

Recommended Action Restart the linecard.

Error Message `PROC_MGR-SLOT#-2-PROC_MGR_APP_EXITED: ERROR: Application ([chars]) exited with status=[dec] signal=[dec]`

Explanation Application exited.

Recommended Action Check the application.

Error Message `PROC_MGR-SLOT#-2-PROC_MGR_COMP_CATASTROPHIC_ERROR: ERROR: Component ([chars]) caused critical error and linecard will be rebooted`

Explanation Component caused critical error.

Recommended Action Restart the linecard.

Error Message `PROC_MGR-SLOT#-2-PROC_MGR_COMP_CRIT_ERROR: ERROR: Critical error determined for component ([chars]) errno=[dec]`

Explanation Critical error for component.

Recommended Action Restart the linecard.

Error Message `PROC_MGR-SLOT#-2-PROC_MGR_COMP_DEP_FAIL: ERROR: Dependency failure - Component ([chars]) depends on ([chars])`

Explanation Component dependency failure.

Recommended Action Check whether the component exists.

Error Message `PROC_MGR-SLOT#-2-PROC_MGR_COMP_NOT_INSTALLED: ERROR: Component ([chars]) could not be installed errno=[dec]`

Explanation Component not installed.

Recommended Action Check whether the component exists.

Error Message `PROC_MGR-SLOT#-2-PROC_MGR_COMP_TIMEOUT: ERROR: Component ([chars]) did not exit and time out occurred`

Explanation Component initialization timed out.

Recommended Action Check the component.

Error Message `PROC_MGR-SLOT#-2-PROC_MGR_MTS_CORE_CLIENT_FAIL: ERROR: MTS message to core_client FAILED errno=[dec]`

Explanation Message to core client failed.

Recommended Action Restart the linecard.

Error Message `PROC_MGR-SLOT#-2-PROC_MGR_QUIT: Process manager quitting because: [chars]`

Explanation Process manager quitting.

Recommended Action No action is required.

Error Message `PROC_MGR-SLOT#-2-PROC_MGR_RM_KLM_SCRIPT: Removed: KLM/Script [[chars]] in [dec] sec [dec] usec ...`

Explanation Removed KLM/Script.

Recommended Action No action is required.

Error Message `PROC_MGR-SLOT#-2-PROC_MGR_STOP_PROC: Process [[chars]] exited in [dec] sec [dec] usec ...`

Explanation Process stopped.

Recommended Action No action is required.

Error Message `PROC_MGR-SLOT#-2-PROC_MGR_TERM_TIME: * Termination took [dec] sec [dec] usec *`

Explanation Process manager termination time.

Recommended Action No action is required.

Error Message `PROC_MGR-SLOT#-2-PROC_MGR_UT_PEEK_FAIL: ERROR: Unable to peek on utaker queue`

Explanation Peek at utaker queue failed.

Recommended Action Restart the linecard.

Error Message `PROC_MGR-SLOT#-2-PROC_MGR_UT_SEM_ALLOC_FAIL: ERROR:Failed to allocate utaker semaphore: [dec]`

Explanation Utaker semaphore allocation failed.

Recommended Action Restart the linecard.

Error Message `PROC_MGR-SLOT#-2-PROC_MGR_UT_SEM_GET_FAIL: ERROR:[chars] [dec]: Failed to get utaker semaphore: [dec]`

Explanation Utaker semaphore get failed.

Recommended Action Restart the linecard.

Error Message `PROC_MGR-SLOT#-2-PROC_MGR_UT_SEM_GIVE_FAIL: ERROR:[chars] [dec]: Failed to give utaker semaphore: [dec]`

Explanation Utaker semaphore give failed.

Recommended Action Restart the linecard.

Error Message `PROC_MGR-SLOT#-2-PROC_MGR_UT_SEM_TAKE_FAIL: ERROR:[chars] [dec]: Failed to take utaker semaphore: [dec]`

Explanation Utaker semaphore take failed.

Recommended Action Restart the linecard.

Error Message `PROC_MGR-SLOT#-3-PROC_MGR_ERROR_MSG: [chars]`

Explanation Process manager error message

Recommended Action No action is required.

Error Message `PROC_MGR-SLOT#-4-PROC_MGR_APP_NOT_RESP: ERROR: Process ([chars]) is not responding, it will be terminated`

Explanation Application not sending heartbeat.

Recommended Action Check the application.

Error Message `PROC_MGR-SLOT#-6-PROC_MGR_INFO_MSG: [chars]`

Explanation Process manager info message

Recommended Action No action is required.

ONEP Messages

This section contains the ONEP messages.

ONEP-2

Error Message `ONEP-2-GET_BUFFER: Onepsync ISSU client failed to get buffer for message. Error: [dec] ([chars])`

Explanation The Onepsync ISSU client failed to get buffer space for building a negotiation message. A negotiation message cannot be sent to the standby device. If a problem occurs with the ISSU session negotiation, the standby device cannot be brought up properly.

Recommended Action LOG_STD_SH_CMD_ACTION(show logging and show checkpoint client)

Error Message `ONEP-2-INIT: Onepsync ISSU client initialization failed to [chars]. Error: [dec] ([chars])`

Explanation The Onepsync ISSU client could not be initialized. This initialization failure must be addressed before in-service software upgrade or downgrade can be performed successfully. If you do not address this failure, there will be downtime during software upgrade or downgrade.

Recommended Action LOG_STD_ACTION

Error Message `ONEP-2-SEND_NEGO_FAILED: Onepsync ISSU client failed to send negotiation message. Error: [dec] ([chars])`

Explanation The Onepsync ISSU client failed to send a session negotiation message to the peer device. If a problem occurs with the ISSU session negotiation, the standby device cannot be brought up properly.

Recommended Action LOG_STD_SH_CMD_ACTION(show logging and show checkpoint client)

Error Message `ONEP-2-SESSION_NEGO_FAIL_START: Failed to start Onepsync ISSU session negotiation. Error: [dec] ([chars])`

Explanation The Onepsync ISSU client failed to start session negotition. If a problem occurs with the ISSU session start, the standby device cannot be brought up properly.

Recommended Action LOG_STD_SH_CMD_ACTION(show issu session <client_id

Error Message `ONEP-2-SESSION_REGISTRY: Onepsync ISSU client failed to register session information. Error: [dec] ([chars])`

Explanation The Onepsync ISSU client failed to register session information. If a problem occurs with the ISSU session registration, the standby device cannot be brought up properly.

Recommended Action LOG_STD_SH_CMD_ACTION(show issu capability entries <client_id

ONEP-3

Error Message `ONEP-3-AUTHEN_ERR: [[chars]]: Authentication/authorization failed. [chars]`

Explanation The session authentication has failed

Recommended Action LOG_STD_SH_CMD_ACTION(Check userscredentialsarematchedagainsttheAAA/localusersconfiguredontheNetwkElement.)'

Error Message `ONEP-3-BUSY_ERR: [[chars]]: The requested resource is currently busy. [chars].`

Explanation The usage of the resource has exceeded the configured threshold value

Recommended Action LOG_STD_SH_CMD_ACTION(Check the current resource usage and configured resource threshold. cpu threshold rising <value

Error Message `ONEP-3-DISABLED_ERR: [[chars]]: [chars] is disabled.`

Explanation The requested service set is in disabled state. All the service requests for that service set will be rejected.

Recommended Action LOG_STD_SH_CMD_ACTION(Make sure the service set is enabled. connectedapps service set <name

Error Message `ONEP-3-DUPLICATE_ERR: [[chars]]: Requested entity [chars] already exists.`

Explanation The connection request to the network element already exists

Recommended Action LOG_STD_SH_CMD_ACTION(Make sure the uniqueness of the application name. One session per application is allowed on a network element.)

Error Message `ONEP-3-INVALID_SESSION: Onepsync ISSU client does not have a valid registered session.`

Explanation The Onepsync ISSU client does not have a valid registered session.

Recommended Action LOG_STD_SH_CMD_ACTION(show issu capability entries <client_id

Error Message `ONEP-3-LISP_DISABLED_ERR: [[chars]]: [chars] is disabled.`

Explanation The requested service set is in disabled state. All the service requests for that service set will be rejected.

Recommended Action LOG_STD_SH_CMD_ACTION(Make sure the service set is enabled. connectedapps service set lisp)

Error Message `ONEP-3-MSG_NOT_OK: Onepsync ISSU client MessageType[dec]'isnotcompatible'`

Explanation The Onepsync ISSU client received an incompatible message from the peer device. The message cannot be processed.

Recommended Action LOG_STD_SH_CMD_ACTION(show issu message group <client_id

Error Message `ONEP-3-MSG_SIZE: Onepsync ISSU client failed to get the MTU for Message Type [dec]. Error: [dec] ([chars])`

Explanation The Onepsync ISSU client failed to calculate the MTU for the specified message. The Onepsync ISSU client is not able to send the message to the standby device.

Recommended Action LOG_STD_SH_CMD_ACTION(show issu message group <client_id

Error Message `ONEP-3-SESSION_UNREGISTRY: Onepsync ISSU client failed to unregister session information. Error: [dec] ([chars])`

Explanation The Onepsync ISSU client failed to unregister session information.

Recommended Action LOG_STD_SH_CMD_ACTION(show issu session <client_id

Error Message `ONEP-3-VERSION_ERR: [[chars]]: ONE-P version incompatible between client and network element. [chars]`

Explanation The ONE-P client service set version is incompatible with the one installed on the network element

Recommended Action LOG_STD_SH_CMD_ACTION(Make sure the version running on the client side is compatible with the one installed on the network element)

PSS Messages

This section contains the PSS messages.

PSS-0

Error Message `PSS-0-PSS_NO_MORE_PAGES: [chars]: needs more working pages`

Explanation Service needs more working page buffers

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `PSS-0-PSS_READ_DATA_FAILURE: [chars]: failed to read data to [chars] block [dec]: [chars]`

Explanation PSS cannot read data

Recommended Action No action is required.

Error Message `PSS-0-PSS_SYNC_DATA_FAILURE: [chars]: failed to sync data to [chars]: [chars]`

Explanation PSS cannot sync data due to filesystem or disk error

Recommended Action No action is required.

Error Message `PSS-0-PSS_SYNC_LOG_FAILURE: [chars]: failed to sync log: [chars]`

Explanation PSS cannot sync log due to filesystem or disk error

Recommended Action No action is required.

Error Message `PSS-0-PSS_UNKNOWN_LOG: [chars]: unknown log type [hex] at offset [dec]`

Explanation Unknown logging entry found

Recommended Action No action is required.

Error Message `PSS-0-PSS_WRITE_DATA_FAILURE: [chars]: failed to write data to [chars] block [dec]: [chars]`

Explanation PSS cannot write data due to filesystem or disk error

Recommended Action No action is required.

Error Message `PSS-0-PSS_WRITE_FAILURE: [chars]: failed to write data: [chars]`

Explanation PSS cannot write data due to filesystem or disk error

Recommended Action No action is required.

Error Message `PSS-0-PSS_WRITE_LOG_FAILURE: [chars]: failed to write log: [chars]`

Explanation PSS cannot write log due to filesystem or disk error

Recommended Action No action is required.

PSS-1

Error Message `PSS-1-PSS_INVALID_MAGIC: [chars]: database [chars] has invalid magic number [hex]`

Explanation PSS found a corrupted database with invalid magic number

Recommended Action No action is required.

Error Message `PSS-1-PSS_META_READ_ERROR: [chars]: cannot read meta page from [chars]: [chars]`

Explanation PSS cannot read meta page of a database

Recommended Action No action is required.

Error Message `PSS-1-PSS_STAT_ERROR: [chars]: cannot stat [chars]: [chars]`

Explanation PSS cannot do fstat on a database

Recommended Action No action is required.

Error Message `PSS-1-PSS_VERSION_MISMATCH: [chars]: found version mismatch in [chars]`

Explanation PSS found a database whose format it cannot interpret due to version mismatch

Recommended Action The image upgrade was not done properly; write erase should cure it as a last step

PSS-2

Error Message `PSS-2-PSS_INFRACONVERT: [chars]`

Explanation Error in libinfraconvert during pss conversion

Recommended Action No action is required.

Error Message `PSS-2-PSS_INVALID_SIZE: [chars]: database [chars] ([chars]) has invalid size %ld (block size [dec])`

Explanation PSS found a database with invalid size - probably due to a crash

Recommended Action No action is required.

Error Message `PSS-2-PSS_MISSING_FILE: [chars]: database [chars] missing [chars] file`

Explanation PSS database is incomplete; probably due to a crash

Recommended Action No action is required.

Error Message `PSS-2-PSS_RECOVERY_FAILED: [chars]: failed to recover [chars]`

Explanation PSS recovery failed

Recommended Action No action is required.

PSS-4

Error Message `PSS-4-PSS_CLEANUP: [chars]: cleaning up [chars]`

Explanation PSS removed a leftover or corrupted file

Recommended Action No action is required.

Error Message `PSS-4-PSS_RECOVERY_ENDED: [chars]: recovered [chars] successfully`

Explanation PSS recovery finished

Recommended Action No action is required.

Error Message `PSS-4-PSS_RECOVERY_STARTED: [chars]: recovering [chars]: [dec] valid transactional records`

Explanation PSS started recovery of previous aborted transaction

Recommended Action No action is required.

PSS-5

Error Message `PSS-5-PSS_CONVERT_FORMAT: [chars]: converting pss format: [chars]`

Explanation PSS format is being converted

Recommended Action No action is required.

Error Message `PSS-5-PSS_CONVERT_LAYOUT: [chars]: converting pss layout: [chars] (params [dec]/[dec]/[dec] -> [dec]/[dec]/[dec])`

Explanation PSS layout is being converted

Recommended Action No action is required.

Error Message `PSS-5-PSS_SHRINK: [chars]: shrinking pss: [chars]`

Explanation PSS is being shrunk to remove free space

Recommended Action No action is required.

Error Message `PSS-5-SDB_CLOSED_AT_COMMIT: [chars]: sdb [chars] is closed: token [dec] is not committed`

Explanation Publisher received SDB commit but sdb was already closed

Recommended Action No action is required.

PTP Messages

This section contains the PTP messages.

PTP-5

Error Message `PTP-5-PTP_DISABLED: PTP disabled`

Explanation PTP Service Enabled

Recommended Action No action is required.

Error Message `PTP-5-PTP_DOMAIN_CHANGE: PTP domain changed to [dec]`

Explanation PTP domain changed

Recommended Action No action is required.

Error Message `PTP-5-PTP_ENABLED: PTP enabled`

Explanation PTP Service Enabled

Recommended Action No action is required.

PTP-6

Error Message `PTP-6-PTP_ANNOUNCE_INTERVAL_CHANGE: PTP announce interval for [hex] changed to [dec]`

Explanation PTP announce interval for [chars] changed

Recommended Action No action is required.

Error Message `PTP-6-PTP_ANNOUNCE_TIMEOUT_CHANGE: PTP announce timeout interval for [hex] changed to [dec]`

Explanation PTP announce timeout interval for [chars] changed

Recommended Action No action is required.

Error Message `PTP-6-PTP_DELAY_REQ_INTERVAL_CHANGE: PTP delay-req interval for [hex] changed to [dec]`

Explanation PTP delay-req interval for [chars] changed

Recommended Action No action is required.

Error Message `PTP-6-PTP_PRIORITY1_CHANGE: PTP priority1 changed to [dec]`

Explanation PTP priority1 changed

Recommended Action No action is required.

Error Message `PTP-6-PTP_PRIORITY2_CHANGE: PTP priority2 changed to [dec]`

Explanation PTP priority2 changed

Recommended Action No action is required.

Error Message `PTP-6-PTP_SYNC_INTERVAL_CHANGE: PTP sync interval for [hex] changed to [dec]`

Explanation PTP sync interval for [chars] changed

Recommended Action No action is required.

Error Message `PTP-6-PTP_VLAN_CHANGE: PTP vlan for [hex] changed to [dec]`

Explanation PTP vlan for [chars] changed

QOS Messages

This section contains the QOS messages.

QOS-2

Error Message `QOS-2-EXITING: Exit reason: [chars]`

Explanation The QOS Manager process has exited due to [char]. The process has probably been restarted automatically.

Recommended Action No action is required.

Error Message `QOS-2-GENERAL_ERROR: [chars]`

Explanation The QOS Manager has encountered an critical error. The description of error is [str.].

Recommended Action No action is required.

Error Message `QOS-2-INITFAIL: QoS Manager Initialization failed: [chars]`

Explanation QoS Manager initialization failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message `QOS-2-MALLOC_ERROR: Size [dec] bytes`

Explanation The QOS Manager could not allocate memory.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `QOS-2-PSS_ERROR: [chars]: PSS returned value=[dec]`

Explanation The QOS Manager encountered error while operating on a persistent storage database.

Recommended Action No action is required.

Error Message `QOS-2-STDOUT_ROTATE_FAILURE: Failed to rotate stdout file: [chars]`

Explanation The QOS Manager has failed to rotate its current stdout file with filename [str.]. The file size could grow beyond its maximum limit.

Recommended Action No action is required.

QOS-3

Error Message `QOS-3-ALLOCFAIL: Heap Memory allocation failed: [chars]`

Explanation QoS Manager is out of dynamic memory. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message `QOS-3-DBERROR: [chars]`

Explanation QoS Manager encountered a database error. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message `QOS-3-E_PORT_ACL_FAILURE: Failed to [chars] QOS ACL for interface [chars] (ACL return code=[hex])`

Explanation The QOS Manager has failed to program or erase QoS related ACL when an E-Port came up or went down for interface [str.]. The error code returned by ACL module is [int.].

Recommended Action No action is required.

Error Message `QOS-3-FAILURE_RESPONSE: [chars] [hex]`

Explanation QoS Manager failed to get response [chars][hex] specify the context where the failure occurred.

Recommended Action No action is required.

Error Message `QOS-3-GENERROR: [chars]`

Explanation QoS Manager encountered a general error, one that does not fall in any of the above categories. [chars] describes the error and its context.

Recommended Action No action is required.

Error Message `QOS-3-LICERR: [chars]`

Explanation QoS Manager failed to get license.

Recommended Action No action is required.

Error Message `QOS-3-MTSERROR: [chars]`

Explanation QoS Manager encountered an MTS error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

Error Message `QOS-3-PSSERROR: [chars]`

Explanation QoS Manager encountered a PSS error. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message `QOS-3-QOS_PSS_CORRUPTED: [chars] PSS found corrupted`

Explanation The QOS Manager has detected corruption in one of its persistent information database. The database would be recreated.

Recommended Action No action is required.

Error Message `QOS-3-TIMEOUT_ERROR: [chars] [hex]`

Explanation QoS Manager encountered a timeout [chars][hex] specify the context where the failure occurred.

Recommended Action No action is required.

Error Message `QOS-3-UNKNOWN_MSG: Received from Node=[dec] SAP=[dec]`

Explanation The QOS Manager has received an unknown message from [dec]].[dec]. This information is for debugging only.

Recommended Action No action is required.

QOS-4

Error Message `QOS-4-LICEXP: [chars]`

Explanation QoS Manager license is going to expire. [chars] gives the expected time of expiry.

Recommended Action No action is required.

Error Message `QOS-4-PSS_VERSION_MISMATCH: PSS [dec] Code [dec]`

Explanation There was a version mismatch between the QOS Manager and one of its persistent storage databases. The persistent information has been translated to the new format.

Recommended Action No action is required.

QOS-6

Error Message `QOS-6-BECAME_ACTIVE: Became ACTIVE from standby mode.`

Explanation The QOS Manager on the standby supervisor became active and it is ready to serve client requests.

Recommended Action No action is required.

Error Message `QOS-6-BECAME_STDBY: Became STANDBY from active mode.`

Explanation The QOS Manager became standby from active mode.

Recommended Action No action is required.

Error Message `QOS-6-DISABLED_UP_MARKING: [chars]`

Explanation The QoS Manager has disabled marking of time-critical control traffic as high-priority traffic. Priority of such traffic is now not altered by QoS Manager.

Recommended Action No action is required.

Error Message `QOS-6-ENABLED_UP_MARKING: [chars]`

Explanation The QoS Manager has enabled marking of time-critical control traffic as high-priority traffic.

Recommended Action No action is required.

Error Message `QOS-6-EXCESSIVE_DELAY: [chars]`

Explanation Excessive time taken for a processing event. The description of the event is [str.].

Recommended Action No action is required.

Error Message `QOS-6-E_PORT_ACL_SUCCESS: Successfully [chars] QOS ACL for interface [chars]`

Explanation The QOS Manager has successfully programmed or erased QoS related ACL when an E-Port came up or went down for interface [str.].

Recommended Action No action is required.

Error Message `QOS-6-FAILED_TO_SEND_HEARTBEAT: Failed to send heartbeat to system manager: Reason=[chars]`

Explanation The QOS Manager was unable to send heartbeat to the system manager.

Recommended Action No action is required.

Error Message `QOS-6-GENERAL_EVENT: [chars]`

Explanation The QOS Manager has generated an important event. The description of the event is [str.].

Recommended Action No action is required.

Error Message `QOS-6-MGRCREATED: QoS Manager created`

Explanation QoS Manager was created successfully and is up and running. This is an informational message.

Recommended Action No action is required.

Error Message `QOS-6-MGREXIT: QoS Manager shutting down gracefully`

Explanation QoS Manager is shutting down gracefully. This is an informational message.

Recommended Action No action is required.

Error Message `QOS-6-PSS_CREATED: [chars] PSS Created`

Explanation One of the persistent information database of QOS Manager has been recreated.

Recommended Action No action is required.

Error Message `QOS-6-PSS_DESTROYED: [chars] PSS Destroyed`

Explanation One of the persistent information databases of QoS Manager has been intentionally destroyed and would be recreated.

Recommended Action No action is required.

Error Message `QOS-6-SERVICE_UP: Initialized [chars]`

Explanation The QOS Manager is up and ready to accept client requests The service was initialized in [char] mode.

Recommended Action No action is required.

Error Message `QOS-6-SWITCHOVER: Switching Over to other Supervisor.`

Explanation The QOS Manager has successfully switched over to the standby supervisor card.

Recommended Action No action is required.

Error Message `QOS-6-UNKNOWNMTS: QoS Manager received an unexpected message`

Explanation QoS Manager received an unexpected message.

Recommended Action No action is required.

RADIUS Messages

This section contains the RADIUS messages.

RADIUS-2

Error Message `RADIUS-2-RADIUS_NO_AUTHEN_INFO: ASCII authentication not supported`

Explanation ASCII authentication not supported.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `RADIUS-2-RADIUS_PROGRAM_EXIT: RADIUS daemon exiting: [chars]`

Explanation RADIUS daemon is exiting.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

RADIUS-3

Error Message `RADIUS-3-RADIUS_ERROR_MESSAGE: [chars]`

Explanation RADIUS Error Message

Recommended Action No action is required.

RADIUS-4

Error Message `RADIUS-4-RADIUS_WARNING: [chars]`

Explanation RADIUS Warning

Recommended Action No action is required.

RADIUS-5

Error Message `RADIUS-5-RADIUS_MONITOR_STATUS: [chars] [chars]`

Explanation Notifying Radius server monitor status change

Recommended Action No action is required.

Error Message `RADIUS-5-RADIUS_NOTIFICATION: [chars]`

Explanation RADIUS Notification

Recommended Action No action is required.

Error Message `RADIUS-5-RADIUS_SERVER_STATUS: [chars] server [chars] with auth-port [dec] and acct-port [dec] status has changed from [chars] to [chars]. Server was in previous-state for [chars], and total dead time of the server is [chars]`

Explanation Notifying Radius server status change

Recommended Action No action is required.

RADIUS-6

Error Message `RADIUS-6-RADIUS_ACCOUNTING_MESSAGE: [chars]`

Explanation Accounting Message

Recommended Action No action is required.

Error Message `RADIUS-6-RADIUS_MESSAGE: [chars]`

Explanation RADIUS Message

Recommended Action No action is required.

RDL Messages

This section contains the RDL messages.

RDL-2

Error Message `RDL-2-PSS_VER_FAIL: PSS file [chars] has version [dec].[dec].[dec], expected version [dec].[dec].[dec]`

Explanation There was a mismatch in the PSS version. [chars] indicates the PSS service, [dec].[dec].[dec] its current version number and [dec].[dec].[dec] the expected version

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

RDL-3

Error Message `RDL-3-SYSLOG_ALLOC_FAIL: : [chars]`

Explanation RDL memory allocation failed : [chars].

Recommended Action No action is required.

Error Message `RDL-3-SYSLOG_CONTEXT_ERR: : [chars] [dec]`

Explanation RDL context error: [chars] [dec].

Recommended Action No action is required.

Error Message `RDL-3-SYSLOG_ERR: : [chars]`

Explanation RDL syslog errors : [chars].

Recommended Action No action is required.

Error Message `RDL-3-SYSLOG_EXIT: : [chars]`

Explanation RDL exiting on errors : [chars].

Recommended Action No action is required.

Error Message `RDL-3-SYSLOG_INIT_FAIL: : [chars] [chars]`

Explanation RDL Initialization Failed: [chars] [chars].

Recommended Action No action is required.

Error Message `RDL-3-SYSLOG_MTS_ERR: : [chars]`

Explanation RDL MTS errors : [chars].

Recommended Action No action is required.

RDL-6

Error Message `RDL-6-INFORMATION: [chars]`

Explanation An event happend that affects RDL. [chars] indicates the event

Recommended Action No action is required.

Error Message `RDL-6-PSS_ERR: [chars]`

Explanation An error occurred during an RDL PSS operation. [chars] indicates the PSS operation that caused the error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `RDL-6-SYSLOG_DEBUG_1: : [chars] [hex]`

Explanation RDL Debug logs: [chars] [dec].

Recommended Action No action is required.

Error Message `RDL-6-SYSLOG_DEBUG_2: : [chars] [hex]`

Explanation RDL Debug logs: [chars] [dec].

Recommended Action No action is required.

Error Message `RDL-6-SYSLOG_INFO: : [chars]`

Explanation RDL Debug logs: [chars].

Recommended Action No action is required.

Error Message `RDL-6-SYSLOG_RESP_RCVD: : [chars] [dec]`

Explanation RDL context error: [chars] [dec].

Recommended Action No action is required.

RES_MGR Messages

This section contains the RES_MGR messages.

RES_MGR-1

Error Message `RES_MGR-1-RES_MGR_HA_ERR: HA sync message received for resource [dec] which does not exist`

Explanation RES_MGR Received HA msg for resource which does not exist Please check standby status and restart standby to recover

Recommended Action No action is required.

RES_MGR-2

Error Message `RES_MGR-2-RES_MGR_CRIT: RES_MGR Critical: [chars]`

Explanation RES_MGR generic critical condition

Recommended Action No action is required.

Error Message `RES_MGR-2-RES_MGR_HA_PSS_ERR: HA sync message received for resource [dec] with wrong pss type [dec]`

Explanation RES_MGR Received HA msg for resource which does not exist Please check standby status and restart standby to recover

Recommended Action No action is required.

RES_MGR-3

Error Message `RES_MGR-3-RES_MGR_RES_ALREADY_EXCEEDED: The VDC [dec] is currently already using more [chars] resources (total: [dec]) than the desired new maximum limit ([dec])`

Explanation A \limit-resource\ command was issued such that a VDC would be a forbidden state if we obeyed, having already allocated more resources than the new maximum limit

Recommended Action No action is required.

Error Message `RES_MGR-3-RES_MGR_RES_MAX_LOWER_THAN_MIN: The maximum limit for [chars] resources is not allowed to be less than the minimum limit`

Explanation A \limit-resource\ command was issued such that the desired maximum limit was lower than the desired minimum limit

Recommended Action No action is required.

Error Message `RES_MGR-3-RES_MGR_RES_TOO_HIGH: Limits for [chars] resources are not allowed to be set as high`

Explanation A \limit-resource\ command was issued such that a desired limit couldn't be satisfied because of static policies

Recommended Action No action is required.

Error Message `RES_MGR-3-RES_MGR_RES_UNAVAIL: Missing [dec] [chars] resources currently available to satisfy the minimum limit requested for vdc [dec]`

Explanation A \limit-resource\ command was issued such that the desired minimum limit couldn't be satisfied with the currently available resources

Recommended Action No action is required.

RES_MGR-4

Error Message `RES_MGR-4-RES_MGR_MAX_ALLOWED_VDCS_HAS_DECREASED: The maximum number of allowed VDCs has decreased from [dec] to [dec] since binary config was saved.`

Explanation When startup config was saved, more VDCs were allowed in the system.

Recommended Action No action is required.

Error Message `RES_MGR-4-RES_MGR_RES_ALREADY_EXCEEDED_BUT_NOT_ENFORCED: The VDC [dec] is currently already using more [chars] resources (total: [dec]) than the desired new maximum limit ([dec]) You may experience some route loss upon switchover, when the new limits will actually take effect.`

Explanation A \limit-resource\ command was issued such that a VDC may not have enough memory for holding the current amount of routing entries when the new limits will be enforced upon switchover

Recommended Action No action is required.

Error Message `RES_MGR-4-RES_MGR_SC_PSS_PCW_NETADMIN: Performing partial config write for resource [chars] in vdc [dec]`

Explanation A \copy running-config startup-config\ command was issued from a local admin resource limits for the specified resource in the specified vdc had to be saved as a side-effect of it

Recommended Action No action is required.

Error Message `RES_MGR-4-RES_MGR_SC_PSS_PCW: Performing partial config write for resource [chars]`

Explanation A \copy running-config startup-config\ command was issued from another VDC resource limits for the specified resource had to be saved as part of it

Recommended Action No action is required.

RES_MGR-5

Error Message `RES_MGR-5-RES_MGR_DISABLED: RES_MGR Disabled`

Explanation RES_MGR Service Disabled

Recommended Action No action is required.

Error Message `RES_MGR-5-RES_MGR_ENABLED: RES_MGR Enabled`

Explanation RES_MGR Service Enabled

Recommended Action No action is required.

RES_MGR-6

Error Message `RES_MGR-6-RES_MGR_CONDITION_VERIFIED: error [hex] [[chars]] during sysmgrcb_vdc_handshake_done() for vdc [dec]`

Explanation RES_MGR is spotting some issue when VDC got created

Recommended Action No action is required.

RIB Messages

This section contains the RIB messages.

RIB-0

Error Message `RIB-0-EMERG: [chars]`

Explanation Rib caused a system failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

RIB-1

Error Message `RIB-1-ALERT: [chars]`

Explanation Rib caused failures in other services

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

RIB-2

Error Message `RIB-2-CRIT: [chars]`

Explanation Rib encountered a catastrophic error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

RIB-3

Error Message `RIB-3-ERR: [chars]`

Explanation Rib encountered an error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `RIB-3-FIB_EXIT: fib exited`

Explanation Fib had exited and may not continue operation

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `RIB-3-MISS_APPS: Missing response from service`

Explanation Service not responding to rib

Recommended Action Please perform 'debug rib error', then recreate the operation scenario, to find out more details.

Error Message `RIB-3-NO_MEM: Out of memory`

Explanation Rib does not have enough memory to continue proper operation.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `RIB-3-SEND_FIB: Cannot talk to fib`

Explanation Rib to fib IPC failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `RIB-3-SEND_SNMP: Cannot respond to snmp`

Explanation Rib to snmp IPC failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `RIB-3-SEND_STANDBY: Cannot talk to standby rib`

Explanation Lost a rib-fib transaction log due to IPC failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

RIB-4

Error Message `RIB-4-CPU_HOG: Inactive or busy`

Explanation Either rib was not scheduled to run, or rib was busy, and rib did not service the message or timer queue for an extended period.

Recommended Action Please perform 'debug rib error', then recreate the operation scenario, to find out more details.

Error Message `RIB-4-DUP_FIB: Duplicate response from fib`

Explanation Rib ignored duplicate response from fib

Recommended Action Please perform 'debug rib error', then recreate the operation scenario, to find out more details.

Error Message `RIB-4-LATE_FIB: Late response from fib`

Explanation Rib ignored late response from fib

Recommended Action Please perform 'debug rib error', then recreate the operation scenario, to find out more details.

Error Message `RIB-4-PC_LIMIT: PC number greater than 128 (ignored by RIB)`

Explanation Rib ignored pc > 128 for multicast

Recommended Action Please use PC number < 128

Error Message `RIB-4-WARN: [chars]`

Explanation Rib ignored the unexpected condition

Recommended Action Please perform 'debug rib all', then recreate the operation scenario, to find out more details.

RIB-5

Error Message `RIB-5-NOTE: [chars]`

Explanation Rib does not support this operation

Recommended Action Please perform 'debug rib all', then recreate the operation scenario, to find out more details.

RIB-6

Error Message `RIB-6-INFO: [chars]`

Explanation Rib event occurred

Recommended Action No action is required.

RLIR Messages

This section contains the RLIR messages.

RLIR-2

Error Message `RLIR-2-DRLIR_REJECT: DRLIR rejected: [chars]: fcid [chars], reason code [dec]`

Explanation DRLIR rejected: [chars] fcid [chars] reason code [dec]

Recommended Action No action is required.

Error Message `RLIR-2-FC2_FAILED: RLIR FC2 operation failed: [chars]: [chars]`

Explanation RLIR FC2 operation failed: [chars] [chars]

Recommended Action No action is required.

Error Message `RLIR-2-INIT_FAILED: RLIR Init failed: [chars]`

Explanation RLIR Init failed: [chars]

Recommended Action No action is required.

Error Message `RLIR-2-LINK_INCIDENT: Interface [chars] [Port [hex]], Link Status: [chars], Link Status Reason: [chars]`

Explanation RLIR module detected an unintentional Link Incident

Recommended Action No action is required.

Error Message `RLIR-2-MALLOC_FAILED: RLIR Malloc failed: [chars]`

Explanation RLIR Malloc failed: [chars]

Recommended Action No action is required.

Error Message `RLIR-2-MTS_FAILED: RLIR MTS operation failed: [chars]: [chars]`

Explanation RLIR MTS operation failed: [chars] [chars]

Recommended Action No action is required.

Error Message `RLIR-2-PSS_FAILED: RLIR PSS operation failed: [chars]: [chars]`

Explanation RLIR PSS operation failed: [chars] [chars]

Recommended Action No action is required.

RLIR-6

Error Message `RLIR-6-SYSLOG_INFO: RLIR Syslog info: [chars]`

Explanation RLIR Syslog info: [chars]

Recommended Action No action is required.

Error Message `RLIR-6-SYSLOG_STATUS: RLIR Syslog status: [chars]: [chars]`

Explanation RLIR Syslog status: [chars] [chars]

Recommended Action No action is required.

RM Messages

This section contains the RM messages.

RM-6

Error Message `RM-6-RMGR_INFO: [chars]`

Explanation RMGR daemon informational message

Recommended Action No action is required.

Error Message `RM-6-STARTING: deamon started`

Explanation The RMGR daemon successfully started

Recommended Action No action is required.

RM-SLOT#-2

Error Message `RM-SLOT#-2-CPP_CATASTROPHIC_ERROR: ERROR: Component ([chars]) caused critical error. Service Module will be rebooted`

Explanation Component caused critical error

Recommended Action Restart the linecard

Error Message `RM-SLOT#-2-RM_CPP_RELOAD_TMOUT: ERROR: Component ([chars]) timed out for critical error response. Reloading Service Module`

Explanation Component critical error timeout

Recommended Action No action is required.

Error Message `RM-SLOT#-2-RM_CRITICAL_ALERT: [chars]`

Explanation Critical Alert

Recommended Action Restart the linecard

Error Message `RM-SLOT#-2-RM_PROCESS_FAILED: ERROR: [chars] failed`

Explanation Process failed

Recommended Action No action is required.

Error Message `RM-SLOT#-2-RM_PROCESS_TMOUT: ERROR: [chars] did not complete. Reloading Service Module`

Explanation Component critical error timeout

Recommended Action No action is required.

Error Message `RM-SLOT#-2-RM_VICPP_RECREATE_ERROR: All the fast path resources are down VICPP connectivity lost`

Explanation Component caused critical error

Recommended Action Restart the linecard

RM-SLOT#-4

Error Message `RM-SLOT#-4-RM_WARNING: [chars]`

Explanation Warning

Recommended Action No action is required.

RSCN Messages

This section contains the RSCN messages.

RSCN-2

Error Message `RSCN-2-FC2_FAILED: RSCN FC2 operation failed: [chars]: [chars]`

Explanation RSCN FC2 operation failed: [chars] [chars]

Recommended Action No action is required.

Error Message `RSCN-2-INIT_FAILED: RSCN Init failed: [chars]`

Explanation RSCN Init failed: [chars]

Recommended Action No action is required.

Error Message `RSCN-2-MALLOC_FAILED: RSCN Malloc failed: [chars]`

Explanation RSCN Malloc failed: [chars]

Recommended Action No action is required.

Error Message `RSCN-2-MTS_FAILED: RSCN MTS operation failed: [chars]: [chars]`

Explanation RSCN MTS operation failed: [chars] [chars]

Recommended Action No action is required.

Error Message `RSCN-2-PSS_FAILED: RSCN PSS operation failed: [chars]: [chars]`

Explanation RSCN PSS operation failed: [chars] [chars]

Recommended Action No action is required.

Error Message `RSCN-2-SCR_REJECT: SCR rejected: [chars]: fcid [chars], Reason code-[chars], Reason code expl-[chars]`

Explanation SCR rejected: [chars] fcid [chars] Reason code [chars] Reason code expl [chars]

Recommended Action No action is required.

RSCN-4

Error Message `RSCN-4-RSCN_REJECT: RSCN rejected: [chars]: fcid [chars], Reason code-[chars], Reason code expl-[chars]`

Explanation RSCN rejected: [chars] fcid [chars] Reason code [chars] Reason code expl [chars]

Recommended Action No action is required.

Error Message `RSCN-4-SWRSCN_REJECT: SW-RSCN rejected: [chars]: fcid [chars], Reason code-[chars], Reason code expl-[chars]`

Explanation SW-RSCN rejected: [chars] fcid [chars] Reason code [chars] Reason code expl [chars]

Recommended Action No action is required.

RSCN-6

Error Message `RSCN-6-SYSLOG_INFO: RSCN Syslog info: [chars]`

Explanation RSCN Syslog info: [chars]

Recommended Action No action is required.

Error Message `RSCN-6-SYSLOG_STATUS: RSCN Syslog status: [chars]: [chars]`

Explanation RSCN Syslog status: [chars] [chars]

Recommended Action No action is required.

SAL Messages

This section contains the SAL messages.

SAL-5

Error Message `SAL-5-SAL_DISABLED: SAL Disabled`

Explanation SAL Service Disabled

Recommended Action No action is required.

Error Message `SAL-5-SAL_ENABLED: SAL Enabled`

Explanation SAL Service nabled

Recommended Action No action is required.

SAN_EXT_TUNER Messages

This section contains the SAN_EXT_TUNER messages.

SAN_EXT_TUNER-3

Error Message `SAN_EXT_TUNER-3-SAN_EXT_TUNER_LICENSE_EXPIRED: SAN Extension Licence expired - Disabling SAN Extension Tuner`

Explanation SAN Extension Licence expired/not present - Disabling SAN Extension Tuner

Recommended Action No action is required.

SATCTRL Messages

This section contains the SATCTRL messages.

SATCTRL-4

Error Message `SATCTRL-4-SOHMS_POE_POST_OVERTEMP_FAULT: [chars]`

Explanation Over Temp fault

Recommended Action Show diagnostics bootup result module all

Error Message SATCTRL-4-SOHMS_POE_POST_UNRECOGNIZABLE_DEVICE: [chars]

Explanation Unrecognizable device

Recommended Action Show diagnostics bootup result module all

Error Message SATCTRL-4-SOHMS_POE_POST_VDD_FAULT: [chars]

Explanation VDD fault

Recommended Action Show diagnostics bootup result module all

Error Message SATCTRL-4-SOHMS_POE_POST_VEE_FAULT: [chars]

Explanation VEE fault

Recommended Action Show diagnostics bootup result module all

SATCTRL-SLOT#-2

Error Message SATCTRL-SLOT#-2-FWMCTRL_PORT_PINNING_ERROR: Port [chars] is pinned to Fabric interface [chars] unknown to FEX

Explanation Port Pinning erorr

Recommended Action No action is required.

Error Message SATCTRL-SLOT#-2-SATCTRL_IMAGE: FEX[dec] [chars]

Explanation Image Management

Recommended Action Show environment fex <100-199>

Error Message SATCTRL-SLOT#-2-SATCTRL_ISSU_FPORT_FLAP: Nif [hex] flapped during switch ISSU

Explanation NIF Flap during SUP ISSU

Recommended Action Show platform software satctrl issu_logs pre_issu_debugs

Error Message SATCTRL-SLOT#-2-SATCTRL_SUP_ISSU_TIMEOUT: SUP ISSU timeout

Explanation Sup ISSU tiemout

Recommended Action No action is required.

Error Message SATCTRL-SLOT#-2-SATCTRL_SYSLOG_EIGHT: Sending Syslog 8

Explanation Image Management

Recommended Action Show environment fex <1-128>

Error Message SATCTRL-SLOT#-2-SATCTRL: [chars]

Explanation Satellite Management

Recommended Action Show module fex <100-199>

Error Message SATCTRL-SLOT#-2-SOHMS_DIAG_ERROR: [chars]

Explanation Diagnostics erorr

Recommended Action Show diagnostics bootup result module all

Error Message SATCTRL-SLOT#-2-SOHMS_ENV_ERROR: [chars]

Explanation Environmental erorr

Recommended Action Show environment fex <100-199>

Error Message SATCTRL-SLOT#-2-SOHMS_ENV_ERR_TEMPMAJALRM: [chars]

Explanation Environmental error cross major threshold

Recommended Action Show environment fex <100-199>

Error Message SATCTRL-SLOT#-2-SOHMS_ENV_ERR_TEMPMINALRM: [chars]

Explanation Environmental error cross minor threshold

Recommended Action Show environment fex <100-199>

Error Message SATCTRL-SLOT#-2-SOHMS_ENV_ERR_TEMPOK: [chars]

Explanation Environmental error recover major threshold

Recommended Action Show environment fex <100-199>

Error Message SATCTRL-SLOT#-2-SOHMS_ENV_ERR_TEMPRECOVER: [chars]

Explanation Environmental eror recover minor threshold

Recommended Action Show environment fex <100-199>

Error Message SATCTRL-SLOT#-2-SOHMS_POE_ERROR: [chars]

Explanation Diagnostics erorr

Recommended Action Show diagnostics bootup result module all

Error Message SATCTRL-SLOT#-2-SOHMS_POE_GPIO_ERROR: [chars]

Explanation Diagnostics erorr

Recommended Action Show diagnostics bootup result module all

Error Message SATCTRL-SLOT#-2-SOHMS_POE_I2C_ERROR: [chars]

Explanation Diagnostics erorr

Recommended Action Show diagnostics bootup result module all

Error Message SATCTRL-SLOT#-2-SOHMS_POE_MOSFET_ERROR: [chars]

Explanation Diagnostics erorr

Recommended Action Show diagnostics bootup result module all

SATCTRL-SLOT#-4

Error Message SATCTRL-SLOT#-4-SOHMS_DIAG_WARN: [chars]

Explanation Diagnostics warning

Recommended Action Show diagnostics bootup result module all

Error Message SATCTRL-SLOT#-4-SOHMS_PS_GPIO: [chars]

Explanation Environmental eror recover in PS GPIO Access

Recommended Action Show environment fex <100-199>

SATCTRL-SLOT#-5

Error Message SATCTRL-SLOT#-5-TIME_SYNC: [chars]

Explanation Time synchronization

Recommended Action Show fex <100-199>

SCHEDULER Messages

This section contains the SCHEDULER messages.

SCHEDULER-2

Error Message `SCHEDULER-2-SCH_SYSLOG_MALLOC_ERR: Out of memory: [chars]`

Explanation Process memory exhausted. Possible memory leak.

Recommended Action Contact TAC

Error Message `SCHEDULER-2-SCH_SYSLOG_MTS_ERR: MTS error: [chars]`

Explanation MTS operation failure

Recommended Action Contact TAC

Error Message `SCHEDULER-2-SCH_SYSLOG_PSS_SNAPSHOT_ERR: Source URI:[chars] Destination URI:[chars] errcode:[dec]`

Explanation Error while performing snapshot I/O to PSS

Recommended Action Contact TAC

Error Message `SCHEDULER-2-SCH_SYSLOG_SDWRAP_ERR: Debug infrastructure initialization failed: [chars]`

Explanation Debug infrastructure failed to initialize

Recommended Action Contact TAC

SCHEDULER-3

Error Message `SCHEDULER-3-SCH_ERR: [chars]`

Explanation Scheduler error

Recommended Action No action is required.

Error Message `SCHEDULER-3-SCH_SYSLOG_FILE_ERR: [chars] Error:[chars]`

Explanation File handling error

Recommended Action No action is required.

Error Message `SCHEDULER-3-SCH_SYSLOG_PSS_ERR: Purpose:[chars] URI:[chars] Error:[dec]`

Explanation Error while performing I/O to PSS

Recommended Action Contact TAC

Error Message `SCHEDULER-3-SCH_SYSLOG_USER_ERR: Description: Failed to execute job for user id [chars] Error:[dec]`

Explanation Error while attempting to execute job for user. Possibly, the user is removed from the system.

Recommended Action Ensure the user exists. Make sure he is not a remotely authenticated user.

SCHEDULER-4

Error Message `SCHEDULER-4-SCH_WARN: [chars]`

Explanation Scheduler warning

Recommended Action No action is required.

SCHEDULER-6

Error Message `SCHEDULER-6-SCH_MSG: [chars]`

Explanation Scheduler Message

Recommended Action No action is required.

SCSI-TARGET Messages

This section contains the SCSI-TARGET messages.

SCSI-TARGET-2

Error Message `SCSI-TARGET-2-PROC_ADD_NPORT_FAIL: Failed to set local nport with SCSI-target driver error: [hex]`

Explanation SCSI-target process add nport with it's peer kernel driver [hex]. No SCSI discovery can be performed.

Recommended Action Collect more information using command 'show scsi-target internal driver'.

Error Message `SCSI-TARGET-2-PROC_OPEN_VHBA_DEVICE_FAIL: Failed to communicate with SCSI-target driver error: [hex]`

Explanation SCSI-target process failed to communicate with it's peer kernel driver [hex]. No SCSI discovery can be performed.

Recommended Action Collect more information using command 'show scsi-target internal driver'.

Error Message `SCSI-TARGET-2-PROC_SET_SCSI_INDEX_FAIL: Failed to set SCSI index SCSI-target driver error: [hex]`

Explanation SCSI-target process failed to set SCSI index with it's peer kernel driver [hex]. No SCSI discovery can be performed.

Recommended Action Collect more information using command 'show scsi-target internal driver'.

Error Message `SCSI-TARGET-2-PROC_WWNM_GET_WWN_FAIL: Failed to get local controller pwwn from WWN Manager error: [hex] response: [hex]`

Explanation SCSI-target process used wwnm_bwt_get_local_controller_wwn() api for the port wwn and it failed due to error [hex], response code [hex]. No SCSI discovery can be performed.

Recommended Action Collect more information using commands 'show process cpu' and 'show system internal sysmgr service all'. See WWN Manager system error codes for reason.

Error Message `SCSI-TARGET-2-PSS_INIT_FAIL: pss initialization failed due to error: [hex]`

Explanation SCSI-target process pss initialization failure due to error [hex]. No SCSI discovery can be performed.

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

SCSI-TARGET-3

Error Message `SCSI-TARGET-3-PROC_VSAN_GET_RATOV_FAIL: Failed to get vsan attribute RATOV from VSAN Manager, error: [hex]`

Explanation SCSI-target process used the vsan_get_global_value() api for RATOV and it failed due to error [hex].

Recommended Action This is a non-fatal error. The default value for RATOV is used. Collect more information using commands 'show process cpu' and 'show system internal sysmgr service all'. See Vsan Manager system error codes for reason.

Error Message `SCSI-TARGET-3-PSS_CREATE_FAIL: pss create runtime database failed due to error: [hex]`

Explanation SCSI-target process pss create runtime database failure due to error [hex]. No SCSI discovery can be performed.

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message `SCSI-TARGET-3-PSS_DELETE_FAIL: pss delete runtime entry key:[hex] failed due to error: [hex]`

Explanation SCSI-target process pss delete runtime entry key [hex] failure due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message `SCSI-TARGET-3-PSS_MAX_KEY_FAIL: pss set runtime max key failed due to error: [hex]`

Explanation SCSI-target process pss set runtime max key failure due to error [hex]. No SCSI discovery can be performed.

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message `SCSI-TARGET-3-PSS_MAX_VALUE_FAIL: pss set runtime max value failed due to error: [hex]`

Explanation SCSI-target process pss set runtime max value failure due to error [hex]. No SCSI discovery can be performed.

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message `SCSI-TARGET-3-PSS_OPEN_FAIL: pss open runtime database failed due to error: [hex]`

Explanation SCSI-target process pss open runtime database failure due to error [hex]. No SCSI discovery can be performed.

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message `SCSI-TARGET-3-PSS_RELOAD_FAIL: pss reload runtime database failed due to error: [hex]`

Explanation SCSI-target process pss reload runtime database failure due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message `SCSI-TARGET-3-PSS_SNAPSHOT_DEBUG_FAIL: pss snapshot runtime debug to uri:[chars] failed due to error: [hex]`

Explanation SCSI-target process pss snapshot of runtime debug to uri [string] failed due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message `SCSI-TARGET-3-PSS_SNAPSHOT_FAIL: pss snapshot runtime to uri:[chars] failed due to error: [hex]`

Explanation SCSI-target process pss snapshot of runtime to uri [string] failed due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

Error Message `SCSI-TARGET-3-PSS_STORE_FAIL: pss store runtime entry key:[hex] val:[hex] failed due to error: [hex]`

Explanation SCSI-target process pss store runtime entry key [hex] value [hex] failure due to error [hex].

Recommended Action Collect more information using command 'show flash'. See pss system error codes for reason.

SCSI-TARGET-7

Error Message `SCSI-TARGET-7-SCSI_TARGET_DISCOVERED: SCSI-target discovered VSAN:[dec] FCID:[hex] prlisparm:[hex]`

Explanation SCSI-target process discovered VSAN [dec] FCID [hex] prli service parameter [hex].

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

SDV Messages

This section contains the SDV messages.

SDV-2

Error Message `SDV-2-RANDNUM_FAIL: Random number generation failed`

Explanation Random number generation failed. Process has to exit due to FIPS compliance

Recommended Action No action is required.

SDV-3

Error Message `SDV-3-ACL_CACHE_ERROR: ACL CACHE ERR, Trying to prog with no interface list`

Explanation A Null interface list was generated for a ACL entry

Recommended Action No action is required.

Error Message `SDV-3-ACL_ERROR: ACL API, [chars], failed with error [hex]`

Explanation SDV invoked ACL API and received the error code. [chars] describes the API and 0x[hex] specifies the error.

Recommended Action No action is required.

Error Message `SDV-3-ALLOC_FAILED: Failed for type [dec] size [dec]`

Explanation SDM process could not allocate heap memory. [dec] is the memory type and [dec] is the size of memory

Recommended Action No action is required.

Error Message `SDV-3-ASSERTION_FAILED: [chars]:[dec]`

Explanation SDM process has hit an assert condition at file [chars] line number [dec]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SDV-3-AUTO_FAILOVER_ERROR: [chars]`

Explanation SDV Virtual-device failed to auto-failover due to [chars]

Recommended Action No action is required.

Error Message `SDV-3-BCAST_NOT_SUPPORTED: Broadcast attribute will be ignored for SDV devices`

Explanation Broadcast attribute will be ignored for SDV devices

Recommended Action No action is required.

Error Message `SDV-3-ENQUEUE_EVENT_FAIL: Unable to enqueue event into state machine`

Explanation Unable to enqueue event into state machine

Recommended Action No action is required.

Error Message `SDV-3-FCID_REWRITE_REQUEST_TO_ACL_FAILED: fcid rewrite [chars] request vsan [dec] vdev_id [dec] failed:[chars].`

Explanation This happens when either after SDV retried the request few times or ACL experienced error while processing the request.

Recommended Action No action is required.

Error Message `SDV-3-INIT_FAIL: [chars]`

Explanation SDM process init has failed due to [chars]

Recommended Action No action is required.

Error Message `SDV-3-INTERNAL_ERR: [chars]`

Explanation SDM process encountered an internal error due to [chars]

Recommended Action No action is required.

Error Message `SDV-3-LOCK_FAILED: [chars]`

Explanation An error occurred while acquiring the lock. The reason for the failure : [chars]

Recommended Action No action is required.

Error Message `SDV-3-MERGE_ACTIVATION_FAILED: [chars]`

Explanation Error while activating the merged SDV database due to [chars]

Recommended Action No action is required.

Error Message `SDV-3-MERGE_CAP_FAILED: [chars]`

Explanation SDV fabric merge failed because of incomaptible capabilities [chars]

Recommended Action Compare SDV configuration in both fabrics and resolve the conflicts if any and commit the changes.

Error Message `SDV-3-MERGE_FAILED: [chars]`

Explanation SDV fabric merge failed due to [chars]

Recommended Action Check the error using show sdv merge staus vsan <vsan-id> command. Compare SDV configuration in both fabrics and resolve the conflicts if any and commit the changes.

Error Message `SDV-3-MTS_ERR: [chars]`

Explanation SDM process encountered an MTS error due to [chars]

Recommended Action No action is required.

SDV-4

Error Message `SDV-4-FCID_REWRITE_REQUEST_TO_ACL_FAILED_AND_RETRYING: failed:[chars]. Retrying the request again.`

Explanation This happens when either any of the linecards being upgraded or ACL experienced error while processing the request.

Recommended Action No action is required.

SDV-6

Error Message `SDV-6-INTERNAL_ERR_INFO: [chars]`

Explanation SDM process encountered ignorable error due to [chars]

Recommended Action No action is required.

SDV-7

Error Message `SDV-7-SRVCREATED: SDM Process started`

Explanation SDM process has started

Recommended Action No action is required.

SECURITYD Messages

This section contains the SECURITYD messages.

SECURITYD-2

Error Message `SECURITYD-2-FIPS_BYPASS_SELF_TEST_STATUS: FIPS Bypass self-test status : [chars]`

Explanation Status of FIPS self-test [chars]

Recommended Action No action is required.

Error Message `SECURITYD-2-FIPS_CRNG_SELF_TEST_STATUS: FIPS CRNG self-test status : [chars]`

Explanation Status of FIPS self-test [chars]

Recommended Action No action is required.

Error Message `SECURITYD-2-FIPS_CRYPTO_SELF_TEST_STATUS: FIPS [chars] Crypto self-test status : [chars]`

Explanation Status of FIPS [chars] self-test [chars]

Recommended Action No action is required.

Error Message `SECURITYD-2-FIPS_IMAGE_INTEGRITY_SELF_TEST_STATUS: FIPS Image Integrity self-test status : [chars]`

Explanation Status of FIPS [chars] self-test [chars]

Recommended Action No action is required.

Error Message `SECURITYD-2-FIPS_POWERUP_SELF_TESTS_STATUS: FIPS power-up self-test status: [chars]`

Explanation Status FIPS self-test [chars]

Recommended Action No action is required.

Error Message `SECURITYD-2-FIPS_POWERUP_SELF_TEST_STATUS: FIPS [chars] power-up self-test status : [chars]`

Explanation Status of FIPS [chars] power-up self-test [chars]

Recommended Action No action is required.

Error Message `SECURITYD-2-FIPS_SELF_TEST_FAILED: FIPS self-test failure : [chars] : [chars]`

Explanation FIPS self-test failed [chars] for service [chars]

Recommended Action No action is required.

Error Message `SECURITYD-2-PROGRAM_EXIT: security/accounting daemon exiting: [chars]`

Explanation Security/accounting daemon is exiting.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

SECURITYD-3

Error Message `SECURITYD-3-NVRAMFAILURE: nvram failure`

Explanation Nvram can not be read/written to. Hence accounting log can not be stored there

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

SECURITYD-6

Error Message `SECURITYD-6-ACCOUNTING_MESSAGE: [chars]`

Explanation Accounting Message

Recommended Action No action is required.

Error Message `SECURITYD-6-CHANGE_PASSWD: changing passwd for [chars]`

Explanation Changing passwd for [chars]

Recommended Action No action is required.

Error Message `SECURITYD-6-DELETE_STALE_USER_ACCOUNT: deleting expired user account:[chars]`

Explanation Deleting expired user account of [chars]

Recommended Action No action is required.

Error Message `SECURITYD-6-FIPS_MODE_SET_FAILED: Error when setting FIPS mode : [chars]`

Explanation FIPS mode failed [chars]

Recommended Action No action is required.

Error Message `SECURITYD-6-FIPS_MODE_SET: FIPS mode is [chars] for service [chars]`

Explanation FIPS mode is changed [chars] [chars]

Recommended Action No action is required.

SENSOR_USD Messages

This section contains the SENSOR_USD messages.

SENSOR_USD-2

Error Message `SENSOR_USD-2-SNSM_SYSLOG_INIT_FAILED: Sensor Mgr Initialization failed. Component [chars]`

Explanation Sensor Manager syslog message

Recommended Action No action is required.

Error Message `SENSOR_USD-2-SNSM_SYSLOG_SHUTDOWN: Sensor Mgr process shutting down: [chars]`

Explanation Sensor Manager syslog message

Recommended Action No action is required.

Error Message `SENSOR_USD-2-SNSM_SYSYLOG_ALLOC_MEMORY: Sensor Mgr Memory allocation failed`

Explanation Sensor Manager syslog message

Recommended Action No action is required.

SENSOR_USD-3

Error Message `SENSOR_USD-3-MSG_SNSM_SYS_MEM_ALOC_FAILURE: Sensor Mgr Error in allocing mem: [dec], Error code = [dec]`

Explanation Sensor Manager syslog message

Recommended Action No action is required.

Error Message `SENSOR_USD-3-SNSM_SYSLOG_BAD_MTS_MSG: Sensor Mgr Received bad MTS message: [dec]`

Explanation Sensor Manager syslog message

Recommended Action No action is required.

Error Message `SENSOR_USD-3-SNSM_SYSLOG_MTS_PROCESS_ERROR: Sensor Mgr Error in processing MTS message: [dec], Error code = [hex]`

Explanation Sensor Manager syslog message

Recommended Action No action is required.

Error Message `SENSOR_USD-3-SNSM_SYS_DEQUE_PENDING_QUE_FAILURE: Sensor Mgr Error in Dequing pend Que: %p, Error code = [hex]`

Explanation Sensor Manager syslog message

Recommended Action No action is required.

Error Message `SENSOR_USD-3-SNSM_SYS_ENQUE_PENDING_QUE_FAILED: Sensor Mgr Error in queuing to pending queue: %p, Error code = [hex]`

Explanation Sensor Manager syslog message

Recommended Action No action is required.

Error Message `SENSOR_USD-3-SNSM_SYS_MTS_RECV_FAILURE: Sensor Mgr Error in receving MTS mesg`

Explanation Sensor Manager syslog message

Recommended Action No action is required.

SENSOR_USD-5

Error Message `SENSOR_USD-5-SNSM_SYSLOG_STARTING: Sensor Mgr process started`

Explanation Sensor Manager syslog message

Recommended Action No action is required.

SFC Messages

This section contains the SFC messages.

SFC-3

Error Message `SFC-3-ERROR: [chars]`

Explanation SCSI Flow Client encountered an error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

SFM Messages

This section contains the SFM messages.

SFM-2

Error Message `SFM-2-NO_LICENSE_WARNING: SCSI Flow Manager is shutting down as no license is available.`

Explanation License required for continued SCSI Flow Manager operation is not available.

Recommended Action No action is required.

Error Message `SFM-6-LICENSE_VALID: A valid license for SCSI FLow Manager has been obtained`

Explanation A valid license for SCSI Flow Manager has been obtained

Recommended Action No action is required.

SKSD Messages

This section contains the SKSD messages.

SKSD-5

Error Message `SKSD-5-SKSD_EXIT: Keystore Application Exiting: [chars]`

Explanation Keystore Program exiting

Recommended Action No action is required.

Error Message `SKSD-5-SKSD_FUNC: Keystore Operation: [chars]`

Explanation Keystore Event upon a receiving a request

Recommended Action No action is required.

Error Message `SKSD-5-SKSD_HW_INIT: Hardware Keystore Init done`

Explanation Hardware Keystore Init completed

Recommended Action No action is required.

Error Message `SKSD-5-SKSD_HW_RESET: Hardware Reset :[chars]`

Explanation Hardware Reset

Recommended Action No action is required.

Error Message `SKSD-5-SKSD_HW: Smartcard :[chars]`

Explanation Smartcard Presence

Recommended Action No action is required.

Error Message `SKSD-5-SKSD_INIT: Keystore Application Init: [chars]`

Explanation Keystore Program Init

Recommended Action No action is required.

Error Message `SKSD-5-SKSD_KEY_ADD: Key added`

Explanation Key added to keystore

Recommended Action No action is required.

Error Message `SKSD-5-SKSD_KEY_DELETE: Key deleted`

Explanation Key deleted from keystore

Recommended Action No action is required.

Error Message `SKSD-5-SKSD_MKEY_INSTALL: Installing a Master Key on the smartcard(s)`

Explanation Installing a new Master Key on the smartcard(s)

Recommended Action No action is required.

Error Message `SKSD-5-SKSD_SUP_STATE: Supervisor card new state: [dec]`

Explanation Supervisor state change

Recommended Action No action is required.

Error Message `SKSD-5-SKSD_SW_INIT: Software Keystore Init done`

Explanation Software Keystore Init completed

Recommended Action No action is required.

SKT_USD Messages

This section contains the SKT_USD messages.

SKT_USD-3

Error Message SKT_USD-3-SKT_RF_CRC_ERR: [chars]

Explanation Skytrain received packet(s) from fabric with CRC error

Recommended Action No action is required.

SKT_USD-6

Error Message SKT_USD-6-SKT_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

SME_CPP Messages

This section contains the SME_CPP messages.

SME_CPP-2

Error Message SME_CPP-2-IT_NEXUS_MAX_INTERFACE_LIMIT_REACHED: [chars] cannot be bound as the interfaces reached the maximum IT Nexus limit

Explanation IT Load Balancing failed

Recommended Action No action is required.

Error Message SME_CPP-2-LOG_ERR_SME_CTRL_LUN_PATH_MISCONFIG: Control LUN [chars] behind Host PWWN [chars] Tgt PWWN [chars] LUN Id [chars] has some lun paths that are not configured.

Explanation A single lun with multiple paths has some non configured paths. Please configure all lun paths.

Recommended Action No action is required.

Error Message SME_CPP-2-LOG_ERR_SME_DIFF_LUN_MISCONFIG: Lun [chars] and [chars] behind Host PWWN [chars] Tgt PWWN [chars] LUN Id [chars] configured as one device.

Explanation Two different luns configured as one device. Please fix configuration.

Recommended Action No action is required.

Error Message `SME_CPP-2-LOG_ERR_SME_LICENSE_EXPIRED: SME License expired - Disabling [chars]`

Explanation SAN Media Encryption License expired/not present - Disabling SME

Recommended Action No action is required.

Error Message `SME_CPP-2-LOG_ERR_SME_TAPE_LUN_PATH_MISCONFIG: Tape Drive [chars] behind Host PWWN [chars] Tgt PWWN [chars] LUN Id [chars] has some lun paths that are not configured.`

Explanation A single lun with multiple paths has some non configured paths. Please configure all lun paths.

Recommended Action No action is required.

Error Message `SME_CPP-2-LOG_WARN_SME_LICENSE_GRACE: No SME License. Feature will be shut down after a grace period of approximately [dec] days`

Explanation SAN Media Encryption feature on grace period. Please acquire actual license.

Recommended Action No action is required.

Error Message `SME_CPP-2-SME_INIT_FAILED: Initialization failed for SME: [chars], Reason: [hex]`

Explanation Initialization failed for SME

Recommended Action No action is required.

SME_CPP-3

Error Message `SME_CPP-3-LOG_ERR_SME_DBSYBC_REJECT: SME Database Synchronization [chars] for a New Cluster (Id 0x%llx) Rejected; Reason - [chars].`

Explanation A switch can be part of only one SME cluster

Recommended Action No action is required.

Error Message `SME_CPP-3-LOG_ERR_SME_INTF_MISMATCH_CLUSTER_PARAMS: SME interface [chars] part of cluster [chars] with ID [chars] and security mode [dec], but the DPP has state from a previous instance of a cluster [chars] with ID [chars] and security mode [dec].`

Explanation DPP has persistent state about a previous cluster membership incarnation, but the interface is part of a different cluster.

Recommended Action No action is required.

Error Message `SME_CPP-3-LOG_ERR_SME_INTF_MISMATCH_CRYPTO_NODE_CERTIFICATE2: but the DPP has a different certificate (len [dec] fingerprint [chars]).`

Explanation DPP has persistent state about a previous cluster membership with a different crypto node identity.

Recommended Action No action is required.

Error Message `SME_CPP-3-LOG_ERR_SME_INTF_MISMATCH_CRYPTO_NODE_CERTIFICATE: SME interface [chars] part of cluster [chars] with ID [chars] as a crypto node [chars] with certificate (len [dec] fingerprint [chars]), ..`

Explanation DPP has persistent state about a previous cluster membership with a different crypto node identity.

Recommended Action No action is required.

Error Message `SME_CPP-3-LOG_ERR_SME_INTF_MISMATCH_CRYPTO_NODE_PARAMS: SME interface [chars] part of cluster [chars] with ID [chars] as a crypto node [chars], but the DPP is identified as [chars].`

Explanation DPP has persistent state about a previous cluster membershipon a different switch or module.

Recommended Action No action is required.

Error Message `SME_CPP-3-LOG_SME_KEY_CREATE_FAILED: Key creation ([chars]) failed with error ([chars]), SME cluster (name [chars], id %llx)`

Explanation SME key creation failed

Recommended Action No action is required.

Error Message `SME_CPP-3-LOG_SME_KMC_DELETE_ALL_KEYS_FAILED: Delete all keys in cluster failed to KMC server failed with error ([chars]), SME cluster (name [chars], id %llx)`

Explanation SME KMC delete keys failed

Recommended Action No action is required.

Error Message `SME_CPP-3-LOG_SME_KMC_DELETE_KEYS_FAILED: Delete keys for [chars] failed to KMC server failed with error ([chars]), SME cluster (name [chars], id %llx)`

Explanation SME KMC delete keys failed

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_SME_KMC_KEEPALIVE_FAILED: Keepalive to KMC server failed with error ([chars]), SME cluster (name [chars], id %llx)

Explanation SME KMC keepalive failed

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_SME_KMC_KEY_LOOKUP_FAILED: Key ([chars]) lookup from KMC server failed with error ([chars]), SME cluster (name [chars], id %llx)

Explanation SME KMC key lookup failed

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_SME_KMC_KEY_UPDATE_FAILED: Key updates ([chars]) to KMC server failed with error ([chars]), SME cluster (name [chars], id %llx)

Explanation SME KMC key updates failed

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_SME_REPLACE_SMARTCARD_ABORT: Replace smartcard process (type [chars]) aborted [chars] with reason ([chars]) in SME cluster (name [chars], id %llx)

Explanation SME KMC connection up

Recommended Action No action is required.

SME_CPP-5

Error Message SME_CPP-5-IT_NEXUS_OPTIMUM_INTERFACE_LIMIT_REACHED: Interface [chars] exceeded the optimum IT Nexus limit

Explanation Iterface Flow Limit

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_ERR_SME_INTF_MISMATCH_NOT_PART_OF_ANY_CLUSTER: SME interface [chars] not part of any cluster, but the DPP has state from a previous instance of a cluster [chars] with ID [chars].

Explanation DPP has persistent state about a previous cluster membership incarnation, but the interface is not part of any cluster.

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_ERR_SME_INTF_MISMATCH_NOT_PROVISIONED: SME is not provisioned on slot [dec], but the DPP has state from a previous instance as a crypto node [chars] of a cluster [chars] with ID [chars].

Explanation DPP has persistent state about a previous cluster membership incarnation, but the switch has not provisioned the interface for SME.

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_CLUSTER_INTF_ADDED: SME interface now part of cluster [chars] with ID [chars] as a crypto node [chars] and certificate (len [dec] fingerprint [chars]).

Explanation Interface added to cluster successfully

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_CLUSTER_INTF_REMOVED: SME interface now removed from cluster [chars] with ID [chars] as a crypto node [chars] and certificate (len [dec] fingerprint [chars]).

Explanation Interface removed from cluster successfully

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_INTERFACE_DOWN: SME Interface ([chars]) DOWN

Explanation SAN Interface was brought down

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_INTERFACE_UP: SME Interface ([chars]) is UP

Explanation SAN Interface was brought up

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_IT_NEXUS_FAILURE: [chars]. [chars] bind failure. Reason: [chars]: [hex]

Explanation SME IT Nexus bind failed

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_KEY_CREATE_SUCCESS: Key created ([chars]) successfully in SME cluster (name [chars], id %llx)

Explanation SME key creation succeeded

Recommended Action No action is required.

Error Message `SME_CPP-5-LOG_SME_KMC_CONNECTION_DOWN: Connection to KMC server [chars] is down with reason ([chars]) from local switch in SME cluster (name [chars], id %llx)`

Explanation SME KMC connection down

Recommended Action No action is required.

Error Message `SME_CPP-5-LOG_SME_KMC_CONNECTION_INIT_FAIL: Connection initialization to KMC server [chars] from local switch in SME cluster (name [chars], id %llx) failed with error ([chars])`

Explanation SME KMC connection initialization failed

Recommended Action No action is required.

Error Message `SME_CPP-5-LOG_SME_KMC_CONNECTION_INIT_PASS: Connection initialization to KMC server [chars] from local switch in SME cluster (name [chars], id %llx) succeeded`

Explanation SME KMC connection initialization succeeded

Recommended Action No action is required.

Error Message `SME_CPP-5-LOG_SME_KMC_CONNECTION_UP: Connection to KMC server [chars] is up from local switch in SME cluster (name [chars], id %llx)`

Explanation SME KMC connection up

Recommended Action No action is required.

Error Message `SME_CPP-5-LOG_SME_KMC_DELETE_ALL_KEYS_SUCCESS: Delete all keys in cluster to KMC server succeeded, SME cluster (name [chars], id %llx)`

Explanation SME KMC delete keys succeeded

Recommended Action No action is required.

Error Message `SME_CPP-5-LOG_SME_KMC_DELETE_KEYS_SUCCESS: Delete keys for [chars] to KMC server succeeded, SME cluster (name [chars], id %llx)`

Explanation SME KMC delete keys succeeded

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_KMC_KEY_LOOKUP_SUCCESS: Key ([chars]) lookup from KMC server succeeded, SME cluster (name [chars], id %llx)

Explanation SME KMC key lookup succeeded

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_KMC_KEY_UPDATE_SUCCESS: Key updates ([chars]) to KMC server succeeded, SME cluster (name [chars], id %llx)

Explanation SME KMC key updates succeeded

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_MASTER_KEY_REKEYED: Master Key rekeyed successfully in SME cluster (name [chars], id %llx)

Explanation SME Master Key rekeyed

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_REPLACE_SMARTCARD_COMMIT: Replace smartcard process (type [chars]) committed [chars] in SME cluster (name [chars], id %llx)

Explanation SME KMC connection up

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_REPLACE_SMARTCARD_START: Replace smartcard process (type [chars]) initiated [chars] in SME cluster (name [chars], id %llx)

Explanation SME KMC connection up

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_TAPE_VOLUME_GROUP_REKEYED: Tape volume group ([chars]) rekeyed successfully in SME cluster (name [chars], id %llx)

Explanation SME Master Key rekeyed

Recommended Action No action is required.

Error Message SME_CPP-5-SME_DISABLED: SME Disabled

Explanation SME Service Disabled

Recommended Action No action is required.

Error Message SME_CPP-5-SME_ENABLED: SME Enabled

Explanation SME Service nabled

Recommended Action No action is required.

SME_CPP-SLOT#-2

Error Message SME_CPP-SLOT#-2-LOG_ERR_SME_DEVICE_MISCONFIG: Different configured Devices under same physical LUN - Old Cluster Name:[chars] New Cluster Name:[chars] Old Group Name:[chars] New Group Name:[chars] Old Device Name:[chars] New Device Name:[chars]

Explanation Different configured devices under same physical LUN

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-2-LOG_ERR_SME_ITL_MISCONFIG: Different physical LUNs under same Tape Device - Device Name:[chars] Host PWWN:[chars] Tgt PWWN:[chars] LUN Id:[chars] Serial Num:[chars] Serial Num:[chars]

Explanation Different physical LUNs under same Tape Device

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-2-LOG_ERR_SME_LUN_MISCONFIG: Different physical LUNs under same ITL - Old Serial Num:[chars] New Serial Num:[chars]

Explanation Different physical LUNs under same ITL

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-2-LOG_ERR_SME_TAPE_BYPASS_ENC: Bypassing encryption for partly written tape - Cluster:[chars] Tape Device:[chars] Serial Num:[chars]

Explanation This tape is currently not being encrypted

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-2-LOG_ERR_SME_TAPE_CTH_FAIL: Bypassing encryption for current tape on failed CTH verification - Cluster:[chars] Tape Device:[chars] Serial Num:[chars]

Explanation This tape is currently not being encrypted because CTH verification has failed in DPP

Recommended Action No action is required.

Error Message `SME_CPP-SLOT#-2-LOG_ERR_SME_TAPE_KEY_ERR: Getting tape keys from SUP failed - Cluster:[chars] Tape Device:[chars] Serial Num:[chars]`

Explanation There was a failure retrieving keys from SUP for this tape

Recommended Action No action is required.

SME_CPP-SLOT#-3

Error Message `SME_CPP-SLOT#-3-LOG_ERR_SME_DISC_TIMEOUT: Module:[dec] Host-Target:[chars]`

Explanation Discovery on this IT Nexus is taking too long, please check status

Recommended Action No action is required.

Error Message `SME_CPP-SLOT#-3-LOG_ERR_SME_ITL_CPP_ERR: Module:[dec] Host-Target [chars] LunID:[chars]`

Explanation ITL failure seen on CPP, please check status

Recommended Action No action is required.

Error Message `SME_CPP-SLOT#-3-LOG_ERR_SME_NON_TAPE_MISCONFIG: A non-tape device misconfigured under tape config - Device Name:[chars] Host PWWN:[chars] Tgt PWWN:[chars] LUN Id:%Ld`

Explanation A disk misconfigured under tape config

Recommended Action No action is required.

SME_CPP-SLOT#-4

Error Message `SME_CPP-SLOT#-4-LOG_WARN_SME_MAX_BLOCK_LEN: Maximum block length [dec] of tape drive is 256K or less - [chars] LunID:[chars] VendorID:[chars] ProdID:[chars] Serial Num:[chars] Cluster:[chars] Tape Device:[chars]`

Explanation This tape drive may not operate correctly with SME

Recommended Action No action is required.

SNMPD Messages

This section contains the SNMPD messages.

SNMPD-1

Error Message `SNMPD-1-ALERT: SNMP log alert : [chars]`

Explanation SNMP log alert message.

Recommended Action No action is required.

SNMPD-2

Error Message `SNMPD-2-CRITICAL: SNMP log critical : [chars]`

Explanation SNMP log critical message.

Recommended Action No action is required.

SNMPD-3

Error Message `SNMPD-3-ERROR: SNMP log error : [chars]`

Explanation SNMP log error message.

Recommended Action No action is required.

SNMPD-4

Error Message `SNMPD-4-WARNING: SNMP log warning : [chars]`

Explanation SNMP log warning message.

Recommended Action No action is required.

SNMPD-5

Error Message `SNMPD-5-NOTIFICATION: SNMP log notification : [chars]`

Explanation SNMP log notification message.

Recommended Action No action is required.

SNMPD-6

Error Message `SNMPD-6-INFO: SNMP log informational : [chars]`

Explanation SNMP log info message.

Recommended Action No action is required.

SNMPD-7

Error Message `SNMPD-7-DEBUG: SNMP log debugging : [chars]`

Explanation SNMP log debug message.

Recommended Action No action is required.

SPAN Messages

This section contains the SPAN messages.

SPAN-2

Error Message `SPAN-2-MEM_FULL: Memory allocation failed`

Explanation Memory allocation failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

SPAN-3

Error Message `SPAN-3-IPC_FAIL: IPC Error`

Explanation Internal IPC error

Recommended Action No action is required.

Error Message `SPAN-3-SYSINFO_TIMEOUT: Span timed out waiting for response from port manager for sys info`

Explanation Span request for critical system information from port manager timed out. So, span on the new active is exiting and system manager will restart Span.

Recommended Action No action is required.

SPAN-5

Error Message `SPAN-5-ATL_VSAN_DEFAULT_ALL: Default to all VSANs for SPAN egress session`

Explanation Generation 2 fabric switches support only one VSAN filter for egress SPAN session. If no or more than one VSANs are specified, SPAN will default to use all VSANs for the egress SPAN session

Recommended Action No action is required.

Error Message `SPAN-5-SPAN_CFG_REJECT_SRC_VSAN_FILTER_NOT_SUPPORTED: Source interface [[chars]] in dir [[chars]] removed from session [[dec]].`

Explanation Interface level VSAN filters is not supported

Recommended Action No action is required.

Error Message `SPAN-5-SPAN_CFG_REJECT_VSAN_SRC_PRESENT: Source VSAN [[dec]] removed from session [[dec]].`

Explanation Source VSANs are removed from the session as mixing of interface and VSANs is not supported.

Recommended Action No action is required.

Error Message `SPAN-5-SPAN_PSS_CORRUPTION: Span is starting stateless due to PSS corruption`

Explanation Due to unrecoverable PSS corruption error, SPAN starts stateless without any configuration

Recommended Action No action is required.

Error Message `SPAN-5-STATELESS_RESTART_ON_ACTIVE: Span is restarting as Span on active sup was restarted stateless.`

Explanation Due to unrecoverable error, Span on active supervisor was restarted stateless. So, the standby Span restarts to get in sync with the stateless Span on active.

Recommended Action No action is required.

Error Message `SPAN-5-STATELESS_RESTART: Span is restarting stateless.`

Explanation Due to unrecoverable error, Span is starting stateless. The currently active sessions will not be preserved. The user will have to reenter all the configuration.

Recommended Action No action is required.

SPAN-6

Error Message `SPAN-6-SESSION_DOWN: Session [dec] is inactive ([chars])`

Explanation Session [dec] is inactive now. Traffic for this session is no longer spanned

Recommended Action Check the reason for session inactive using command 'show span session' and take corresponding action.

Error Message `SPAN-6-SESSION_UP: Session [dec] is active, destination SD port [chars]`

Explanation Session [dec] is active now. You can monitor Spanned traffic at the destination SD port

Recommended Action No action is required.

Error Message `SPAN-6-STATELESS_SWITCHOVER: Span is starting stateless after switchover.`

Explanation Active sessions are not preserved across switchover. Span is starting stateless and the configuration will be reapplied to get back the active configuration.

Recommended Action No action is required.

SPI Messages

This section contains the SPI messages.

SPI-SLOT#-2

Error Message `SPI-SLOT#-2-SPI_INFO: [chars]`

Explanation SPI Informational message

Recommended Action No action is required.

STP Messages

This section contains the STP messages.

STP-2

Error Message `STP-2-BLOCK_BPDUGUARD: Received BPDU on port [chars] with BPDU Guard enabled. Disabling port.`

Explanation A BPDU was received in the interface specified in the error message that has the spanning tree BPDU Guard feature enabled. As a result, the interface was administratively shut down.

Recommended Action Either remove the device sending BPDUs or disable the BPDU Guard feature. The BPDU Guard feature can be locally configured on the interface or globally configured on all ports that have portfast enabled. After the conflict has been resolved, re-enable the interface by entering the <CmdBold>no shutdown<NoCmdBold> command in interface configuration mode.

Error Message `STP-2-BLOCK_DETECTED_PVST_PEER: Blocking port [chars] [PVST peer detected].`

Explanation The listed interface received SSTP BPDU indicating that peer is running PVST and will be held in spanning tree blocking state until the interface stops receiving SSTP BPDUs

Recommended Action Either enable PVST simulation configuration for the interface or make sure the port peer is not PVST switch

Error Message `STP-2-BLOCK_PVID_LOCAL: Blocking [chars] on [chars]. Inconsistent local vlan.`

Explanation The spanning tree port associate with the listed spanning tree instance and interface will be held in spanning tree blocking state until the Port VLAN ID (PVID) inconsistency is resolved. The listed spanning tree instance is that of the native VLAN id of the listed interface.

Recommended Action Verify that the configuration of the native VLAN id is consistent on the interfaces on each end of the 802.1Q trunk connection. Once corrected, spanning tree will automatically unblock the interfaces as appropriate.

Error Message `STP-2-BLOCK_PVID_PEER: Blocking [chars] on [chars]. Inconsistent peer vlan.`

Explanation The spanning tree port associate with the listed spanning tree instance and interface will be held in spanning tree blocking state until the port VLAN Id (PVID) inconsistency is resolved. The listed spanning tree instance is that of the native VLAN id of interface on the peer switch to which the listed interface is connected.

Recommended Action Verify that the configuration of the native VLAN id is consistent on the interfaces on each end of the 802.1Q trunk connection. Once corrected, spanning tree will automatically unblock the interfaces as appropriate.

Error Message `STP-2-BRIDGE_ASSURANCE_BLOCK: Bridge Assurance blocking port [chars] [chars].`

Explanation BPDUs were not received from a neighboring switch on the interface that has spanning tree Bridge Assurance configured. As a result, the interface was moved to the spanning tree Blocking state

Recommended Action LOG_STD_NO_ACTION

Error Message `STP-2-BRIDGE_ASSURANCE_UNBLOCK: Bridge Assurance unblocking port [chars] [chars].`

Explanation The interface listed in the message has been restored to normal spanning tree state after receiving BPDUs from the neighboring L2 switch/bridge

Recommended Action LOG_STD_NO_ACTION

Error Message `STP-2-DISPUTE_CLEARED: Dispute resolved for port [chars] on [chars].`

Explanation The listed interface has stopped receiving Inferior BPDUs with designated role and state as learning and/or forwarding. The Dispute has been resolved and if the port is still designated, it will be taken out of the blocking state as and when appropriate.

Recommended Action LOG_STD_NO_ACTION

Error Message `STP-2-DISPUTE_DETECTED: Dispute detected on port [chars] on [chars].`

Explanation The spanning tree has detected a Dispute on this interface. The BPDU received from the peer is Inferior with designated role and state as learning and/or forwarding. Since this condition could be caused by an unidirectional link failure, the interface is put into blocking state and marked as disputed in order to prevent possible loops from being created

Recommended Action Issue the <CmdBold>show spanning-tree inconsistentports<noCmdBold> command to review the list of interfaces with Dispute. Dispute is caused if the peer in not receiving the Superior BPDUs sent by this interface. That is why the peer continues to send its own Inferior BPDUs. Determine why devices connected to the listed ports are not receiving BPDUs. One reason could be a failure in the cable: if the link has a failure that makes it unidirectional (you can not transmit but you can receive) it should be replaced with a proper cable.

Error Message `STP-2-IPC_PROCESSING_ERR: Error in processing IPC message : Opcode = [dec], Error code = [hex]`

Explanation STP encountered an error in processing an MTS message. The error and message are specified in the error message

Recommended Action No action is required.

Error Message `STP-2-LOOPGUARD_BLOCK: Loop guard blocking port [chars] on [chars].`

Explanation The spanning tree message age timer has expired because and no BPDUs were received from the designated bridge. Since this condition could be caused by an unidirectional link failure, the interface is put into blocking state and marked as loop guard inconsistent in order to prevent possible loops from being created

Recommended Action Issue the <CmdBold>show spanning-tree inconsistentports<noCmdBold> command to review the list of interfaces with loop guard inconsistencies. Determine why devices connected to the listed ports are not sending BPDUs. One reason could be that they do not run the spanning tree protocol; in this case you should disable loopguard in the inconsistent interface/s or start the spanning tree protocol on the other side of the link/s.depending on the context. Another reason could be a failure in the cable: if the link has a failure that makes it unidirectional (you can transmit but you can not receive) it should be replaced with a proper cable.

Error Message `STP-2-LOOPGUARD_CONFIG_CHANGE: Loop guard [chars] on port [chars].`

Explanation The spanning tree loopguard configuration for the listed interface has been changed. If enabled, the interface will be put into blocking state and marked as loopguard inconsistent when the message age timer expires because no BPDU were received from the designated bridge. This feature is mainly used to detect unidirectional links

Recommended Action Verify that this is the desired configuration for the listed interface. Correct it if this is not the desired configuration otherwise no further action is required.

Error Message `STP-2-LOOPGUARD_UNBLOCK: Loop guard unblocking port [chars] on [chars].`

Explanation The listed interface has received a BPDU and therefore if the inconsistency was due to an unidirectional link failure, now the problem is not there anymore. The loop guard inconsistency is cleared for the interface which is taken out of the blocking state if appropriate.

Recommended Action LOG_STD_NO_ACTION

Error Message `STP-2-PEER_IN_UPGRADE: Peer is going through Upgrade. Can't bring up NON Edge port [hex] in STP`

Explanation Peer is going through Upgrade. Can't bring up NON Edge port in STP

Recommended Action LOG_STD_NO_ACTION

Error Message `STP-2-PROFILE: [chars]`

Explanation STP has functional code path for debug purposes, No action needed

Recommended Action No action is required.

Error Message `STP-2-PVSTSIM_FAIL: Blocking [chars] port [chars]: Inconsistent [chars] PVST BPDU received on VLAN [dec], claiming root [chars]`

Explanation When a MST switch is connected to a PVST+ switch, the CIST (MST00) information on the port of the MST switch must be consistently better than all the PVST+ messages if the port is designated or consistently worse than all the PVST+ messages if the port is root. If this constraint is not respected, the port on the MST switch is blocked in order to prevent a potential bridging loop

Recommended Action When STP is converging after a new switch, or switch port is added to the topology, this condition may happen transiently. The port unblocks automatically in such cases. If the port remains blocked, identify the root bridge as reported in the message, and configure a worse or better priority for the VLAN spanning tree consistent with the CIST role on the port of the MST switch. There could be more inconsistencies than the message indicates, and the port will not recover until all such inconsistencies are cleared. If you cannot determine which other VLANs have inconsistencies, disable and reenable the port. This message will appear again and specify another VLAN with inconsistencies to be fixed. Repeat this process until all inconsistencies on all VLANs are cleared.

Error Message `STP-2-PVSTSIM_OK: PVST Simulation inconsistency cleared on port [chars].`

Explanation The listed interface is no longer receiving PVST BPDUs advertising an information inconsistent with the CIST port information. The PVST Simulation Inconsistency is cleared and the interface returns to normal operation

Recommended Action LOG_STD_NO_ACTION

Error Message `STP-2-RANDNUM_FAIL: [chars]`

Explanation There was a critical error during random number generation. [chars] indicates details of the error

Recommended Action No action is required.

Error Message `STP-2-RECV_BAD_TLV: Received SSTP BPDU with bad TLV on [chars] [chars].`

Explanation The list interface received a SSTP BPDU that was missing the VLAN id tag. The BPDU is discarded.

Recommended Action No action is required.

Error Message `STP-2-RECV_PVID_ERR: Received BPDU with inconsistent peer vlan id [dec] on [chars] [chars].`

Explanation The listed interface received a SSTP BPDU that is tagged with a VLAN id that does not match the VLAN id on which the BPDU was received. This occurs when the native VLAN is not consistently configured on both ends of a 802.1Q trunk.

Recommended Action Verify that the configuration of the native VLAN id is consistent on the interfaces on each end of the 802.1Q trunk connection. Once corrected, spanning tree will automatically unblock the interfaces as appropriate.

Error Message `STP-2-ROOTGUARD_BLOCK: Root guard blocking port [chars] on [chars].`

Explanation A BPDU was received on the listed interface which advertizes a superior spanning tree root bridge to that currently in use. The interface is put into blocking state and marked as root guard inconsistent in order to prevent a suboptimal spanning tree topology to form.

Recommended Action Issue the <CmdBold>show spanning-tree inconsistentports<noCmdBold> command to review the list of interfaces with root guard inconsistencies. Determine why devices connected to the listed ports are sending BPDUs with a superior root bridge and take action to prevent further occurances. Once the bogus BPDUs have been stopped, the interfaces will automatically recover and resume normal operation. Make sure that it is appropriate to have root guard enabled on the interface.

Error Message `STP-2-ROOTGUARD_CONFIG_CHANGE: Root guard [chars] on port [chars].`

Explanation The spanning tree root guard configuration for the listed interface has been changed. If enabled, any BPDU received on ths interface which advertizes a superior spanning tree root bridge to that already in use will cause the interface to be put into blocking state and marked as root guard inconsistent.

Recommended Action Verify that this is the desired configuration for the listed interface. Correct it if this is not the desired configuration otherwise no further action is required.

Error Message `STP-2-ROOTGUARD_UNBLOCK: Root guard unblocking port [chars] on [chars].`

Explanation The listed interface is no longer receiving BPDUs advertizing a superior root bridge. The root guard inconsistency is cleared for the interface and then it is taken out of the blocking state if appropriate.

Recommended Action LOG_STD_NO_ACTION

Error Message `STP-2-SET_PORT_STATE_FAIL: Port state change req to PIXM failed, status = [hex] [[chars]] vdc [dec], tree id [dec], num ports [dec], ports [chars] state [chars], opcode [chars], msg id ([dec]), rr_token [hex]`

Explanation The port set port state has failed. check port

Recommended Action LOG_STD_NO_ACTION

Error Message `STP-2-SET_PORT_STATE_TIMEOUT: Port state change req to PIXM timedout after [dec] sec. vdc [dec], tree id [dec], num ports [dec], ports [chars] state [chars], opcode [chars], msg id ([dec]), rr_token [hex]`

Explanation The port set port state has timedout. check port

Recommended Action LOG_STD_NO_ACTION

Error Message `STP-2-STP_INIT: STP initialization of [chars] [chars]`

Explanation STP initialization failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `STP-2-STP_ISSU_LC_RESET: STP resetting LC[dec] to prevent Loops during ISSU caused by a topology change in the network. Peer on [chars] [chars] could not be Disputed`

Explanation This can happen as a result of a topology change in the network while the Linecard was undergoing ISSU. Since STP cannot change the port state to blocking on the Linecard undergoing ISSU, it will first try to prevent the Loop by causing a Dispute on the peer ports forcing them into blocking state. But if the peer does not support Dispute mechanism, and STP detects a potential Loop, it will reset the Linecard to prevent the Loop

Recommended Action LOG_STD_NO_ACTION

Error Message `STP-2-TIMER: Dangling [chars] Timer found for VB [dec] tree [dec]`

Explanation STP has detected timers running after tree instance is deleted, STP has ignored the timer and is running normally.

Recommended Action Please collect the show spanning-tree internal event history deleted, show spanning-tree internal event-history msgs, show spanning-tree internal interactions and show spanning-tree internal event-history errors

Error Message `STP-2-UNBLOCK_CONSIST_PORT: Unblocking port [chars] on [chars]. Port consistency restored.`

Explanation The Port VLAN ID and/or Port Type inconsistencies have been resolved and spanning tree will now unblock the listed interface of the listed spanning tree instance as appropriate.

Recommended Action LOG_STD_NO_ACTION

Error Message `STP-2-UNBLOCK_DETECTED_PVST_PEER: Unblocking port [chars] [PVST peer detected].`

Explanation The listed interface has stopped receiving SSTP BPDUs and so will be restored to normal spanning tree state

Recommended Action LOG_STD_NO_ACTION

Error Message `STP-2-VLAN_PORT_LIMIT_EXCEEDED: The number of vlan-port instances ([dec]) exceeded [[chars] mode] recommended limit of [dec]`

Explanation The total number of individual VLAN ports, in the spanning tree mode specified in the error message, has exceeded the limit specified in the error message. VLANs can be counted more than once; if VLAN 1 is carried on 10 interfaces, it will count as 10 VLAN ports. Note that bundling is ignored for purposes of this count; if 8 interfaces on the same module are in one bundle, and the port channel is carrying VLAN 1, it will count as 1 VLAN ports.

Recommended Action Reduce the number of trunks and VLANs configured in the switch. Keep the VLAN port count below the recommended limit specified in the configuration documentation. Enter the <CmdBold>show interface trunk<NoCmdBold> command to see the total number of trunks and VLANs.

Error Message `STP-2-VPC_PEERSWITCH_CONFIG_DISABLED: vPC peer-switch configuration is disabled. Please make sure to change spanning tree bridge priority as per the recommended guidelines.`

Explanation The vPC peer-switch configuration has been changed. If enabled, please make sure to configure spanning tree \bridge\ priority as per the recommended guidelines. If disabled, please make sure to change spanning tree bridge priority as per the recommended guidelines.

Recommended Action Verify that this is the desired configuration and follow the vPC peer-switch recommended guidelines.

Error Message `STP-2-VPC_PEERSWITCH_CONFIG_ENABLED: vPC peer-switch configuration is enabled. Please make sure to configure spanning tree bridge priority as per recommended guidelines to make vPC peer-switch operational.`

Explanation The vPC peer-switch configuration has been changed. If enabled, please make sure to configure spanning tree \bridge\ priority as per the recommended guidelines. If disabled, please make sure to change spanning tree bridge priority as per the recommended guidelines.

Recommended Action Verify that this is the desired configuration and follow the vPC peer-switch recommended guidelines.

Error Message `STP-2-VPC_PEER_LINK_INCONSIST_BLOCK: vPC peer-link detected [chars] blocking [chars] [chars].`

Explanation VPC Peer-link detected the STP inconsistency mentioned in the message. This will impact the STP topology for vPCs and can cause frame duplications. As a result, the interface was moved to the spanning tree Blocking state

Recommended Action LOG_STD_NO_ACTION

Error Message `STP-2-VPC_PEER_LINK_INCONSIST_ERRDISABLE: vPC Peer-link detected [chars]. Disabling [chars].`

Explanation VPC Peer-link detected the STP inconsistency mentioned in the message. This will impact the STP topology for vPCs and can cause frame duplications. As a result, the vPC Peer-link was administatively shut down.

Recommended Action Please resolve the inconsistency reported in this message on the vPC Peer link. After the conflict has been resolved, re-enable the interface by entering the <CmdBold>no shutdown<NoCmdBold> command in interface configuration mode.

Error Message `STP-2-VPC_PEER_LINK_INCONSIST_UNBLOCK: vPC peer-link inconsistency cleared unblocking [chars] [chars].`

Explanation VPC Peer-link inconsistency is cleared and the vPC interface listed in the message has been restored to normal spanning tree state.

Recommended Action LOG_STD_NO_ACTION

STP-3

Error Message `STP-3-BLOCK_PORT_TYPE: Blocking [chars] on [chars]. Inconsistent port type.`

Explanation The listed interface is being held in spanning tree blocking state until the port type inconsistency is resolved.

Recommended Action Verify that the configuration and operational state of the listed interface and that of the interface to which it is connected have the same mode (access vs trunk). If mode is trunk, verify the same encapsulation (ISL, 802.1Q). Once these parameters are consistent, spanning tree will automatically unblock the interfaces as appropriate.

Error Message `STP-3-PORT_SELF_LOOPED: Received BPDU src mac same as that of port. Port self loopback detected. Port [chars] being disabled`

Explanation The source MAC address contained in a BPDU received on the listed interface matches the MAC address assigned to that interface This indicates the possibility that a port is looped back to itself, possibly due to a diagnostic cable being plugged in. The interface will be administratively shutdown.

Recommended Action Check the interface configuration and any cable plugged into the interface. Once problem resolved, re-enable interface by doing a no shutdown in the interface configuration. Copy the error message as it is printed and also copy the output of a show interface for the interace listed in the error message.

Error Message `STP-3-RECV_1Q_NON_TRUNK: Received 802.1Q BPDU on non trunk [chars] [chars].`

Explanation A SSTP BPDU was received on the listed interface that was not operationally a trunk.

Recommended Action Verify that the configuration and operational state of the listed interface and that of the interface to which it is connected have the same mode (access vs trunk). If mode is trunk, verify the same encapsulation (none, ISL, 802.1Q). Once these parameters are consistent, spanning tree will automatically unblock the interfaces as appropriate.

STP-4

Error Message `STP-4-FORWARDTIME_CONFIG_CHANGE: Forward Delay time change to [dec] seconds for instance [chars] is not recommended as it can cause STP data loops during High Availability Dual-Supervisor Switchover and In-Service Software Upgrade`

Explanation It is stongly recommended to avoid changing forward delay time value to less than the default value of 15 seconds since it can cause STP data loops during High Availability Dual-Supervisor Switchover and also during In-Service Software Upgrade. Please read the release notes.

Recommended Action Please change the forward delay time to be greater than or equal to the default value of 15 seconds

Error Message `STP-4-HELLOTIME_CONFIG_CHANGE: Hello time change to [dec] seconds for instance [chars] is not recommended as it can trigger STP Topology Changes during High Availability Dual-Supervisor Switchover and In-Service Software Upgrade`

Explanation It is stongly recommended to avoid changing Hello time value to less than the default value of 2 seconds since it can trigger STP Topology change during High Availability Dual-Supervisor Switchover and also during In-Service Software Upgrade. Please read the release notes.

Recommended Action Please change the hello time to be greater than or equal to the default value of 2 seconds.

Error Message `STP-4-MAC_ADDR_FLUSH_REQ_TIMEOUT: MAC Address Flush req to L2FM timedout after [dec] sec. vdc [dec], tree id [dec], num ports [dec], ports [chars], opcode [chars], msg id ([dec]), rr_token [hex]`

Explanation The MAC Address Flush Request to L2FM has timedout. check port

Recommended Action LOG_STD_NO_ACTION

STP-6

Error Message `STP-6-FIRST_BPDU_TX: First BPDU transmitted`

Explanation First BPDU transmitted.

Recommended Action No action is required.

Error Message `STP-6-MST_DIGEST: MST digest changed to [chars], pre-std digest changed to [chars]`

Explanation MST Region configuration has changed

Recommended Action LOG_STD_NO_ACTION

Error Message `STP-6-MST_PORT_BOUNDARY: Port [chars] [chars] as MST Boundary port`

Explanation MST Boundary port status of the specified port is changed

Recommended Action LOG_STD_NO_ACTION

Error Message `STP-6-MST_PORT_PRE_STANDARD: Port [chars] [chars] as MST Pre-standard port.`

Explanation MST pre-standard status of the specified port is changed

Recommended Action LOG_STD_NO_ACTION

Error Message `STP-6-PORT_ADDED: Interface [chars], added to [chars] with role [chars], state [chars], cost [dec], priority [dec], link-type [chars]`

Explanation This spanning tree port has been added

Recommended Action LOG_STD_NO_ACTION

Error Message `STP-6-PORT_COST: Port [chars] instance [chars] cost changed to [dec]`

Explanation The spanning tree port cost has changed for the specified port

Recommended Action LOG_STD_NO_ACTION

Error Message `STP-6-PORT_DELETED: Interface [chars], removed from [chars]`

Explanation This spanning tree port has been deleted

Recommended Action LOG_STD_NO_ACTION

Error Message `STP-6-PORT_LINK_TYPE: Port [chars] instance [chars] link changed to [chars]`

Explanation The spanning tree port link type has changed for the specified port

Recommended Action LOG_STD_NO_ACTION

Error Message `STP-6-PORT_PRIORITY: Port [chars] instance [chars] priority changed to [dec]`

Explanation The spanning tree port priority has changed for the specified port

Recommended Action LOG_STD_NO_ACTION

Error Message `STP-6-PORT_ROLE: Port [chars] instance [chars] role changed to [chars]`

Explanation The spanning tree port role has changed for the specified port

Recommended Action LOG_STD_NO_ACTION

Error Message `STP-6-PORT_STATE: Port [chars] instance [chars] moving from [chars] to [chars]`

Explanation The Spanning-Tree port has changed state.

Recommended Action LOG_STD_NO_ACTION

Error Message `STP-6-PRESTD_NEIGH: This switch has received a pre-standard MST BPDU on port [chars]: Invoking pre-standard MST BPDU transmission on this port.`

Explanation The switch has received a pre-standard MST BPDU on a port. The switch will automatically adjust its mode of operation on this port and will start sending pre-standard BPDUs.

Recommended Action LOG_STD_NO_ACTION

Error Message `STP-6-ROOT: Root bridge for [chars] changed to [chars]`

Explanation The spanning tree root bridge has changed

Recommended Action LOG_STD_NO_ACTION

Error Message `STP-6-SERVICE_UP: Initialized [chars]`

Explanation STP line 2.

Recommended Action No action is required.

Error Message `STP-6-STATE_CREATED: Internal state created [chars]`

Explanation STP has created its internal state stateless/stateful [chars].

Recommended Action No action is required.

SVC_BATTERY Messages

This section contains the SVC_BATTERY messages.

SVC_BATTERY-SLOT#-2

Error Message `SVC_BATTERY-SLOT#-2-BATTERY_NOT_OPERATIONAL: Battery [dec] temperature [dec] C is outside the operational range (-10C to 65C).`

Explanation The battery temperature is outside the operational range (-10C to 65C).

Recommended Action Verify fan operation with [show environment fan], and take action to cool down the switch.

Error Message `SVC_BATTERY-SLOT#-2-BATTERY_NOT_PRESENT: Battery [dec] is not present.`

Explanation The line card does not have sufficient number of batteries. Two batteries are needed.

Recommended Action Remove the line card and plug in batteries in the battery slots that are empty.

Error Message `SVC_BATTERY-SLOT#-2-CHARGING_DISABLED: Temperature outside permitted range for battery charging (5C-40C).`

Explanation The temperature of the linecard is not within the range to permit battery charging.

Recommended Action Make sure the temperature of the linecard is between 5C and 40C

Error Message `SVC_BATTERY-SLOT#-2-CHARGING_FAILURE: Charging failure in battery [dec] ([hex]).`

Explanation The module encountered failures while charging a battery.

Recommended Action Replace the battery.

Error Message `SVC_BATTERY-SLOT#-2-CLOCK_INCORRECT: System clock is running behind, battery conditioning will be affected.`

Explanation The Vegas system clock is running behind the actual time. This will affect the battery conditioning.

Recommended Action Use clock set CLI command to set the correct time

Error Message `SVC_BATTERY-SLOT#-2-COMMUNICATION_FAILURE: Communication failure with battery [dec].`

Explanation The module encountered failures while communicating with a battery.

Recommended Action Replace the battery.

Error Message `SVC_BATTERY-SLOT#-2-CONDITIONING_DISABLED: Temperature outside permitted range for battery conditioning (5C-40C).`

Explanation The temperature of the linecard is not within the range to permit battery conditioning.

Recommended Action Make sure the temperature of the linecard is between 5C and 40C

Error Message `SVC_BATTERY-SLOT#-2-DISCHARGING_FAILURE: Discharging failure in battery [dec] ([hex]).`

Explanation The module encountered failures while discharging a battery.

Recommended Action Replace the battery.

SVC_BATTERY-SLOT#-4

Error Message `SVC_BATTERY-SLOT#-4-BATTERY_CAPACITY_LOW: Battery capacity is below the required threshold.`

Explanation The battery is lower than the required threshold.

Recommended Action Make sure the temperature is within the range to allow charging.

SVC_BATTERY-SLOT#-6

Error Message `SVC_BATTERY-SLOT#-6-BATTERY_CAPACITY_OK: Battery capacity is above the required threshold.`

Explanation The battery is above the required threshold.

Recommended Action No action is required.

Error Message `SVC_BATTERY-SLOT#-6-CONDITIONING_CANCELLED: Temperature outside permitted range for battery conditioning (5C-40C). Battery [dec] conditioning cancelled.`

Explanation The temperature of the linecard is not within the range to permit battery conditioning.

Recommended Action Make sure the temperature of the linecard is between 5C and 40C

Error Message `SVC_BATTERY-SLOT#-6-CONDITIONING_COMPLETED: Conditioning of battery [dec] completed successfully.`

Explanation Conditioning process started for a battery is completed successfully.

Recommended Action No action is required.

Error Message `SVC_BATTERY-SLOT#-6-CONDITIONING_RESUMED: Conditioning of battery [dec] resumed.`

Explanation Conditioning process for a battery is resumed.

Recommended Action No action is required.

Error Message `SVC_BATTERY-SLOT#-6-CONDITIONING_STARTED: Conditioning of battery [dec] started.`

Explanation Conditioning process started for a battery

Recommended Action No action is required.

SVC Messages

This section contains the SVC messages.

SVC-0

Error Message `SVC-0-NODE_EMERG_MSG: [chars]`

Explanation Syslog message from a SVC interface node

Recommended Action No action is required.

SVC-1

Error Message `SVC-1-NODE_ALERT_MSG: [chars]`

Explanation Syslog message from a SVC interface node

Recommended Action No action is required.

SVC-2

Error Message `SVC-2-NODE_CRIT_MSG: [chars]`

Explanation Syslog message from a SVC interface node

Recommended Action No action is required.

Error Message `SVC-2-SVC_SYSLOG_INIT_FAILED: Initialization failed for SVC: [chars], Reason: [hex]`

Explanation Initialization failed for SVC

Recommended Action No action is required.

Error Message `SVC-2-SVC_SYSLOG_NO_PORT_CHAN: Too many PortChannels allocated by user for interface [chars]`

Explanation SVC interface needs PortChannels to operate. Too many PortChannels have been allocated by the user for the interface to operate correctly.

Recommended Action Please delete unneeded user configured PortChannels and shutdown the SVC interface. Once complete, please bring the SVC interface back up.

Error Message `SVC-2-SVC_SYSLOG_PATH_FAILURE: System health detected SVC packet path failure for [chars].`

Explanation The CSM has been brought down by the System Health monitor. System Health has detected a failure in the packet path between the SVC interface on the CSM and the backplane. This System Health test is run periodically.

Recommended Action Issue a no shutdown on the SVC interface to bring the node back online. If a subsequent packet path failure occurs, the CSM module should be replaced.

Error Message `SVC-2-SVC_SYSLOG_URIFS_FAILURE: [chars] is unreachable for reason: [chars]`

Explanation SVC interface modflash is not accessable. Modflash is the name of the filesystem local to the SVC interface, and is typically used for coredumps and temporary file transfers.

Recommended Action Please shutdown and bring up the SVC interface in question to regain access to the modflash filesystem.

SVC-3

Error Message `SVC-3-NODE_ERR_MSG: [chars]`

Explanation Syslog message from a SVC interface node

Recommended Action No action is required.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_ACTIVATE_CLUSTER_IP_FAILED ) Activate cluster IP failed [chars]`

Explanation Unable to activate the cluster IP for the config node. It will not be possible to execute configuration commands.

Recommended Action 1. Shutting the interfaces of the node will force this node out of the cluster and cause another node to become the config node, which should restore the ability to execute configuration commands. 2. If the error persists, re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 3. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 2 with the latest level of code. 4. If the error continues, ask IBM Product Support for assistance.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_BATT_FAILURE ) Battery Failed [chars]`

Explanation The battery module on the Caching Services Module has failed. The nodes on the CSM will have shutdown. Other log entries may accompany this error.

Recommended Action Reload the Caching Services Module. If the error persists, replace the Caching Services Module.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_DISK_FAILURE ) Internal Disk Drive Failed [chars]`

Explanation The internal disk drive for the node on the Caching Services Module has failed. The node will have shutdown. Other log entries may accompany this error.

Recommended Action Reload the Caching Services Module. If the error persists, replace the Caching Services Module.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_DUMP_RESTORE_FAILED ) Restore of hardened data failed [chars]`

Explanation Restore of customer data failed. This error will be accompanied by other log entries.

Recommended Action Examine the log for other error entries and follow the actions recommended. If no other entries are found: 1. Re-install the code on the node. The node will have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance. It may be necessary to replace the Caching Services Module.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_INVALID_BATT_CAPACITY ) Get battery capacity failed [chars]`

Explanation The process was unable to get the battery capacity. Possibly due to communication failures with the CPP processor in the line card. Node was rebooted due to this error.

Recommended Action If this error is repeated continously, 1. Re-install the code on the line card. The node(s) will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error persists, replace the Caching Services Module.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_OPEN_COMMITTED_FILE_FAILED ) Error attempting to open file [chars]`

Explanation Process was unable to open the committed file. Node was rebooted due to this error.

Recommended Action If this error is repeated continously, 1. Re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_SET_BATT_THRESHOLD_FAILED ) Set battery threshold failed [chars]`

Explanation The process was unable to set the battery threshold. Possibly due to fatal communication failures with the power management module in the line card or the power management module has crashed. Node was rebooted due to this error.

Recommended Action If this error is repeated continously, 1. Re-install the code on the line card. The node(s) will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error persists, replace the Caching Services Module.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_IC_EV_NODE_DISENFRANCHISED ) Node missing [chars]`

Explanation A node is missing from the cluster.

Recommended Action 1. If it is not obvious which node in the cluster has failed, check the status of the nodes and find the node with a status of offline. 2. Repair the failing node. 3. When the repair has been completed, this error will automatically be marked as fixed. 4. Check the node status. If all the nodes in the cluster are now online, but the error in the log has not been marked as fixed, manually mark the error as fixed.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_CLUSTER_PATH_FAILURE ) Cluster path failure [chars]`

Explanation A cluster path has failed. The node is unable communicate with all the other nodes in the cluster.

Recommended Action 1. Repair the fibre-channel network fabric. 2. Check the status of the node port. If the status of the port shows as online, mark the error you have just repaired as fixed.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_CPU_QUANTITY ) Processor change detected [chars]`

Explanation The Caching Services Module is failing.

Recommended Action 1. Replace the Caching Services Module. 2. Check node status. If all nodes show a status of online, mark the error you have just repaired fixed.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_DISK_FULL ) Node hard disk full [chars]`

Explanation The error that is logged in the cluster error log indicates a software problem in the cluster.

Recommended Action 1. Ensure that the software is at the latest level on the cluster. 2. Delete files from the /dumps directory. 3. Run a configuration dump and a logged data dump. Save the dump data. 4. Ask IBM Product Support for assistance. 5. Mark the error you have just repaired as fixed.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_FC_ADAP_FAIL ) Logical Fibre Channel port reported failed [chars]`

Explanation No active/functioning logical FC port was detected by the software.

Recommended Action Reload the node. If the problem persists, replace the Caching Services Module.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_FC_ADAP_QUANTITY ) Logical Fibre Channel port missing [chars]`

Explanation No active/functioning FC port was detected by the software.

Recommended Action Reload the node. If the problem persists, replace the Caching Services Module.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_FC_PORT_QUANTITY ) Logical Fibre Channel port reported not operational [chars]`

Explanation No active/functioning logical FC port was detected by the software.

Recommended Action Reload the node. If the problem persists, replace the Caching Services Module.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_NODE_WARMSTART ) Node warmstarted due to software error [chars]`

Explanation The error that is logged in the cluster error log indicates a software problem in the cluster.

Recommended Action 1. Ensure that the software is at the latest level on the cluster. 2. Run a configuration dump and a logged data dump. Save the dump data. 3. Ask IBM Product Support for assistance. 4. Mark the error you have just repaired as fixed.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_POWER_DOMAIN ) Power domain error [chars]`

Explanation The two nodes in an IO group are on the same Caching Services Module.

Recommended Action Determine what the configuration should be. Remove one of the nodes and add a node to the IO group which is not on the same Caching Services Module.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VG_ER_MDISK_GROUP_OFFLINE ) A Managed Disk group is offline [chars]`

Explanation An Mdisk group is offline.

Recommended Action 1. Repair the enclosure or disk controller. 2. Start a cluster discovery operation. 3. Check managed disk status. If all managed disks show a status of online, mark the error you have just repaired as fixed.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VG_ER_MED_ERRS_TOO_HIGH ) Media errors on back-end Managed Disk [chars]`

Explanation Media errors on backend managed disk.

Recommended Action 1. Repair the enclosure or disk controller. \ 2. Include the managed disk into the cluster. 3. Check managed disk status. If all managed disks show a status of online, mark the error you have just repaired as fixed.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_BASE_EVENT_RESOURCE_RAN_OUT ) Software error [chars]`

Explanation The error that is logged in the cluster error log indicates a software problem in the cluster.

Recommended Action 1. Ensure that the software is at the latest level on the cluster. 2. Run a configuration dump and a logged data dump. Save the dump data. 3. Ask IBM Product Support for assistance. 4. Mark the error you have just repaired as fixed.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_CONTROLLER_CONFIG_INVALID ) Incorrect controller configuration [chars]`

Explanation Incorrect disk controller configuration.

Recommended Action 1. Using service documentation for the disk controller, check that the correct configuration is set up for the disk controller. See also the IBM TotalStorage SAN Volume Controller for Cisco MDS 9000: Configuration Guide. 2. Mark the error you have just repaired as fixed. 3. Start a cluster discovery operation.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_DEVICE_PORT_LOGIN_LOSS ) Number of controller logins reduced [chars]`

Explanation The number of controller logins has been reduced. One possible cause is that the user intentionally reconfigured the system.

Recommended Action 1. Check whether the controller has regained connectivity. If it has not, check the cable connection to the remote-device port. 2. If all logins to a remote-device port have failed and you cannot solve the problem by changing cables, check the condition of the remote-device port and the condition of the remote device. 3. Start a cluster discovery operation. 4. Check the status of the disk controller. If all disk controllers show a good status, mark the error you have just repaired as fixed.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_DEVICE_RESOURCE_RAN_OUT ) Too many controllers were presented to the cluster [chars]`

Explanation The configuration is not valid. Too many devices have been presented to the cluster or node.

Recommended Action 1. Remove unwanted devices from the fibre-channel network fabric. 2. Start a cluster discovery operation to find devices. 3. List all connected managed disks. Check with the customer that the configuration is as expected. Mark the error you have just repaired fixed.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_IO_ERP ) Error Recovery Procedure occurred [chars]`

Explanation A managed disk error recovery procedure (ERP) has occurred. This error has been reported because a large number of disk error recovery procedures have been performed by the disk controller. The problem is probably caused by a failure of some other component on the SAN.

Recommended Action 1. View the error log entry and determine the managed disk that was being accessed when the problem was detected. (Note that the sense data from the disk controller is recorded in the cluster error log and can be accessed there. This data is not available in the switch system log.) 2. Perform the disk controller problem determination and repair procedures for the mdisk determined in step 1. 3. Perform fibre channel switch problem determination and repair procedures for the fibre channel switches containing the node, and connected to the disk controller that is managing the mdisk, and any fibre channel switches in the fibre channel path between those switches. 4. If any problems are found and resolved in steps 2 and 3, mark this error as fixed. 5. If no switch or disk controller failures were found in steps 2 and 3, take an error log dump. Call your hardware support center.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_IO_ERROR ) Managed Disk I/O error [chars]`

Explanation A managed disk or managed disk controller port has been excluded because of excessive errors or unusual behavior.

Recommended Action 1. Repair the enclosure or disk controller. 2. Check the managed disk status. If any managed disks show a status of online, mark the error you have just repaired as fixed. If any managed disks show a status of excluded, included the managed disks and then mark the error as fixed.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_IO_THRESHOLD ) Managed Disk error count threshold exceeded [chars]`

Explanation A managed disk or managed disk controller port has been excluded because of excessive errors or unusual behavior.

Recommended Action 1. Repair the enclosure or disk controller. 2. Check the managed disk status. If any managed disks show a status of online, mark the error you have just repaired as fixed. If any managed disks show a status of excluded, included the managed disks and then mark the error as fixed.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_IO_TIMEOUT_OVERALL ) Timeout due to excessive processing time [chars]`

Explanation A managed disk has timed out. This error has been reported because a large number of disk timeout conditions have been detected. The problem is probably caused by a failure of some other component on the SAN.

Recommended Action 1. Repair problems on all disk controllers and switches on the same SAN as this cluster. 2. If problems are found, mark this error as fixed. 3. If no switch or disk controller failures can be found, take an error log dump and call your hardware support center.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_LOCAL_PORT_EXCLUDED ) Local FC port excluded [chars]`

Explanation A local fibre-channel port has been excluded.

Recommended Action 1. Repair the fibre-channel network fabric. 2. Check the status of the disk controller. If all disk controllers 3. show good status, mark the error you have just repaired fixed. 4. If the error persists and no other cause can be determined, replace the Caching Services Module.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_LOGIN_EXCLUDED ) Login excluded [chars]`

Explanation Login has been excluded.

Recommended Action 1. In the sequence shown, exchange the FRUs for new FRUs: Fibre Channel cable, switch to remote port. 2. Start a cluster discovery operation to recover the login. 3. Check the status of the disk controller. If all disk controllers show a good status, mark the error you have just repaired fixed. 4. If the error persists and no other cause can be determined, replace the Caching Services Module.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_LUN_RESOURCE_RAN_OUT ) Too many LUNs were presented to a node [chars]`

Explanation The configuration is not valid. Too many devices have been presented to the cluster or node.

Recommended Action 1. Remove unwanted devices from the fibre-channel network fabric. 2. Start a cluster discovery operation to find devices. 3. List all connected managed disks. Check with the customer that the configuration is as expected. Mark the error you have just repaired fixed.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_MDISK_ACCESS_INVALID ) Access beyond end of disk, or Managed Disk missing [chars]`

Explanation The error that is logged in the cluster error log indicates a software problem either in the cluster, or in a disk enclosure or disk controller that is connected to the node.

Recommended Action 1. Ensure that the software is at the latest level on the cluster and on the disk controllers. 2. Run a configuration dump and a logged data dump. Save the dump data. 3. Ask IBM Product Support for assistance. 4. Mark the error you have just repaired as fixed.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_MDISK_DEVICE_PORT_EXCLUDED ) Remote Port excluded for a specific Managed Disk and Node [chars]`

Explanation A remote fibre-channel port has been excluded.

Recommended Action 1. View the error log. Note the mdisk ID associated with the error code. 2. Using the mdisk ID, determine the failing disk controller. 3. Refer to the service documentation for the disk enclosure or disk controller and the fibre-channel network fabric to resolve the reported problem. 4. Start a cluster discovery operation to recover the excluded fibre-channel port. 5. Include the managed disk that you noted in step 1. 6. Check the status of the disk controller. If all disk controllers show a good status, mark the error you have just repaired fixed. 7. If all disk controllers do not show a good status, contact the IBM support center to resolve the problem with the disk controller.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_MDISK_EXCLUDED ) Managed Disk excluded due to excessive errors, or all device ports excluded [chars]`

Explanation A managed disk or managed disk controller port has been excluded because of excessive errors or unusual behavior.

Recommended Action 1. Repair the enclosure or disk controller. 2. Check the managed disk status. If any managed disks show a status of online, mark the error you have just repaired as fixed. If all managed disks show a status of excluded, included the managed disks and then mark the error as fixed.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_MDISK_INITIALISE_INVALID ) Invalid blocksize, capacity or LUN identity has changed during Managed Disk initialisation [chars]`

Explanation Access beyond end of disk. The initialization of the managed disk has failed.

Recommended Action 1. Check the status of the managed disk and of the managed-disk group. 2. Include the managed disk into the cluster. 3. Check the managed disk status. If all managed disks show a status of online, mark the error you have just repaired as fixed. 4. If not all managed disks show a status of online, check the status of the disk controller.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_MDISK_RESOURCE_RAN_OUT ) Too many Managed Disks were presented to the cluster [chars]`

Explanation The configuration is not valid. Too many devices have been presented to the cluster or node.

Recommended Action 1. Remove unwanted devices from the fibre-channel network fabric. 2. Start a cluster discovery operation to find devices. 3. List all connected managed disks. Check with the customer that the configuration is as expected. Mark the error you have just repaired fixed.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_QUORUM_DISK_CREATION_FAILURE ) A suitable Managed Disk for use as a Quorum Disk was not found [chars]`

Explanation No Mdisk is suitable for use as a quorum disk. When a cluster is created three disks are automatically selected as quorum disks. A quorum disk is needed to enable a tie-break when some cluster members are missing. To become a quorum disk: The Mdisk must be accessible by all nodes in the cluster and the Mdisk must have free extents. This error code is produced when at least one quorum disk is not accessible by all nodes in the cluster. A quorum disk might not be available because of a fibre-channel network failure or because of a fibre-channel switch zoning problem.

Recommended Action 1. Resolve any known fibre-channel network problems. 2. Ask the customer to confirm that Mdisks have been created and that those mdisks have free extents. 3. List the manage disks. If at least one managed disk shows a mode of managed, mark the error you have just repaired as fixed. 4. If the customer is unable to make the appropriate changes, ask IBM Software Support for assistance.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_QUORUM_DISK_NOT_AVAILABLE) Quorum Disk not available [chars]

Explanation One or more quorum disks were not discovered by the node.

Recommended Action 1. Resolve any known fibre-channel network problems. 2. Check managed disk status. If any managed disks are offline or excluded perform the disk controller problem determination and repair procedures for the managed disks. 3. Start a cluster discovery operation. 4. Check managed disk status. If all managed disks show a status of online, mark the error you have just repaired as fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_ERR_CFG_ALL_SSH_KEYS_REMOVED) Attempt to delete SSH keys (no effect) [chars]

Explanation 'svctask rmallsshkeys' command has been invoked. This command has no effect in SAN Volume Controller for Cisco MDS 9000, but is retained for compatibility.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_CREATEPARTNERSHIP) Remote Copy partnership created [chars]

Explanation 'svctask mkpartnership' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_DELETEPARTNERSHIP) Remote Copy partnership deleted [chars]

Explanation 'svctask rmpartnership' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_MODIFYPARTNERSHIP) Remote Copy partnership modified [chars]

Explanation 'svctask chpartnership' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_ERR_CFG_SSH_KEY_ADDED ) Attempt to add SSH key (no effect) [chars]`

Explanation 'svctask addsshkey' command has been invoked. This command has no effect in SAN Volume Controller for Cisco MDS 9000, but is retained for compatibility.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_ERR_CFG_SSH_KEY_REMOVED ) Attempt to delete SSH key (no effect) [chars]`

Explanation 'svctask rmsshkey' command has been invoked. This command has no effect in SAN Volume Controller for Cisco MDS 9000, but is retained for compatibility.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_CR_START ) Cluster recovery required [chars]`

Explanation The node has detected that cluster recovery is required and is waiting for for human intervention to continue.

Recommended Action Contact IBM Product support for assistance.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_DATA_CORRUPT ) Node data corrupted - node rejected from cluster [chars]`

Explanation Node data is readable but corrupted. The node has been rejected from the cluster.

Recommended Action 1. Re-install the code on the node. The node will have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance. It may be necessary to replace the Caching Services Module.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_DATA_UNREADABLE ) Node data unreadable - node rejected from cluster [chars]`

Explanation Node data could not be read. The node has been rejected from the the from cluster.

Recommended Action 1. Re-install the code on the node. The node will have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance. It may be necessary to replace the Caching Services Module.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_HDW_CONFIG ) Processor not valid [chars]`

Explanation The node has detected unexpected differences in the processor vital data.

Recommended Action Reload the node. If the problem persists, replace the Caching Services Module.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_MEM_SIZE ) Memory size error [chars]`

Explanation The detected memory size does not match the expected memory size for the cluster.

Recommended Action A memory module on the Cisco MDS 9000 Caching Services Module is probably faulty. Reload the node. If the error persists, replace the Caching Services Module.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_MISSING_RES ) Unable to form a cluster due to lack of cluster resources [chars]`

Explanation The node is unable to locate sufficient other nodes in the cluster and/or \ the quorum disk controller needed in order to form a cluster.

Recommended Action Check the status of the quorum disk controller and the other nodes in the cluster. If the quorum disk has failed, perform the problem determination procedures for the disk \ controller. Otherwise perform problem determination on the missing nodes and network.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_NO_FABRIC ) The node is unable to see the FC fabric [chars]`

Explanation No active/functioning logical FC port was detected by the software.

Recommended Action Reload the node. If the problem persists, replace the Caching Services Module.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_PWR_DMN_ERR ) Power domain error [chars]`

Explanation The two nodes in an IO group are on the same Caching Services Module.

Recommended Action Determine if both nodes on the Caching Services Module are in fact in the same IO group. If so, determine what the configuration should be. Remove one of the nodes and add a node to the IO group which is not on the same Caching Services Module. If not, ask IBM Product Support for assistance.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_REPEATED_ASSERTS ) Node repeatedly crashing due to a software fault [chars]`

Explanation The number of software faults has exceeded the maximum allowed for the time period.

Recommended Action 1. Delete the node from the cluster. 2. Try to add the node back into the cluster. 3. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster with the latest level of code. 4. If the error continues, ask IBM Product Support for assistance.

Error Message `SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_RESET_AND_REJECT ) Node data not found - node rejected from cluster [chars]`

Explanation Node data was not found. The node has been rejected from the the from cluster.

Recommended Action Examine error logs to determine if another recorded error caused the loss of the node data and, if so, follow the actions for that error. If no other error was recorded, the node may have lost power without saving data or been reset. Attempt to determine the cause of the power loss or reset. If no cause can be determined, then: 1. Re-install the code on the node. The node will have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance. It may be necessary to replace the Caching Services Module.

Error Message `SVC-3-SVC_SYSLOG_IF_INTERNAL_ERROR: Interface [chars] internal error: [chars]`

Explanation SVC interface internal error

Recommended Action No action is required.

Error Message `SVC-3-SVC_SYSLOG_LC_INTERNAL_ERROR: Unable to send MTS to linecard in slot [dec]: [chars]`

Explanation Linecard MTS failure

Recommended Action No action is required.

Error Message `SVC-3-SVC_SYSLOG_NPORT_INTERNAL_ERROR: [chars] N-port for Interface [chars], vsan [dec] internal error: [chars]`

Explanation N-port internal error

Recommended Action No action is required.

SVC-4

Error Message `SVC-4-NODE_WARNING_MSG: [chars]`

Explanation Syslog message from a SVC interface node

Recommended Action No action is required.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_CA_EV_FIRST_DATA_PINNED ) Customer data pinned [chars]`

Explanation There is now pinned customer data. This warning is given when data is pinned and there wasn't already pinned data. Error log entries will exist for the underlying cause of the pinned data.

Recommended Action Perform problem determintation on the error log to determine the cause of the pinned data and correct.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_CA_EV_HWS_TO_SYNCHRONOUS ) Cache in write through mode due to pinned data [chars]`

Explanation The cache must now operate in write through mode because of the amount of pinned data.

Recommended Action Perform problem determintation on the error log to determine the cause of the pinned data and correct.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_BATT_BELOW_CAPACITY ) Battery is below threshold capacity [chars]`

Explanation Battery capacity is below threshold. The node will remain offline until the battery charge is sufficient to come up.

Recommended Action Wait for the battery to recharge. This may take many hours. If after several hours have passed and the node has not yet come up: 1. Reload the node. 2. If the error persists, re-install the code on the line card. The node(s) will then have to be removed and re-added back to the cluster. 3. If the error persists, replace the Caching Services Module.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_CANNOT_OPEN_IO_PROCESS_Q ) Internal error - IO process queue [chars]`

Explanation The process was unable to open the needed message queue. Node was rebooted due to this error.

Recommended Action If this error is repeated continously, 1. Re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_DEACTIVATE_CLUSTER_IP_FAILED ) Deactivate cluster IP failed [chars]`

Explanation Unable to deactivate the cluster IP for the config node. The cluster IP should be deactivated by other checks. If that is not the case it may not be possible to execute configuration commands.

Recommended Action If there is a problem executing configuration commands: 1. Shutting the interfaces of the node will force this node out of the cluster and should cause the switch to deactivate the IP address associated with this node which should restore the ability to execute configuration

commands. \ 2. If the error persists, re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 3. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 2 with the latest level of code. 4. If the error continues, ask IBM Product Support for assistance.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_DUMP_METADATA_FAILED ) Node assert dump failed [chars]`

Explanation A failure occurred writting out a node assert dump. Other log entries may accompany this error.

Recommended Action An initial error will have caused the node assert dump. Examine the log for that error and follow the recommended actions for that error. In addition examine the log for errors related to the internal disk drive. If found, follow the recommended actions. If no entries explain the failure to write the dump: 1. Re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance. It may be necessary to replace the Caching Services Module.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_EXECVE_FAILED ) Internal error - program launch [chars]`

Explanation The process was unable to launch the IO program. Node was rebooted due to this error.

Recommended Action If this error is repeated continously, 1. Re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_FORK_FAILED ) Internal error - fork failed [chars]`

Explanation The process was unable to launch the IO program. Node was rebooted due to this error.

Recommended Action If this error is repeated continously, 1. Re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_INTERNAL_EXIT_LOGIC_ERR ) Internal error - bad exit code [chars]`

Explanation Node was warmstarted due to internal logic error.

Recommended Action 1. Ensure that the software is at the latest level on the cluster. 2. Ask IBM Product Support for assistance.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_INTERNAL_UNKNOWN_EXEC_MODE ) Internal error - run mode [chars]`

Explanation Node was rebooted due to internal logic error.

Recommended Action 1. Ensure that the software is at the latest level on the cluster. 2. Ask IBM Product Support for assistance.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_IOP_EXITED_DUE_TO_SIGNAL ) Internal error - signal caused exit [chars]`

Explanation The IO process exited because of a signal which was not caught. Node was warmstarted due to this error.

Recommended Action 1. Ensure that the software is at the latest level on the cluster. 2. Ask IBM Product Support for assistance.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_IOP_STOPPED_DUE_TO_SIGNAL ) Internal error - signal caused stop [chars]`

Explanation The IO process stopped because of a signal received. Node was warmstarted due to this error.

Recommended Action 1. Ensure that the software is at the latest level on the cluster. 2. Ask IBM Product Support for assistance.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_IOP_TERMINATED_ABNORMALLY ) Internal error - abnormal exit [chars]`

Explanation The IO process exited abnormally. Node was warmstarted due to this error.

Recommended Action 1. Ensure that the software is at the latest level on the cluster. 2. Ask IBM Product Support for assistance.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_OPEN_MSG_QUEUE_FAILED ) Internal error - message queue [chars]`

Explanation The process was unable to open the needed message queue. Node was rebooted due to this error.

Recommended Action If this error is repeated continously, 1. Re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_PTHREAD_CREATE_FAILED ) Internal error - threads [chars]`

Explanation The process was unable to create the needed threads. Node was rebooted due to this error.

Recommended Action If this error is repeated continously, 1. Re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_UNKNOWN_MESSAGE_TYPE ) Internal error - message type [chars]`

Explanation Node was rebooted due to internal logic error.

Recommended Action 1. Ensure that the software is at the latest level on the cluster. 2. Ask IBM Product Support for assistance.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_WAITPID_FAILED ) Internal error - waitpid failed [chars]`

Explanation The process was unable to launch the IO program properly. Node was warmstarted due to this error.

Recommended Action If this error is repeated continously, 1. Reload the node. 2. If the error persists, re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 3. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 2 with the latest level of code. 4. If the error continues, ask IBM Product Support for assistance.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_WARMSTART_MEMORY_FAILED ) Internal error - warmstart memory device [chars]`

Explanation The process was unable to warmstart the memory device. \ Node was rebooted due to this error.

Recommended Action If this error is repeated continously, 1. Re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_FC_ER_MAPPING_STOPPED ) FlashCopy has been stopped [chars]`

Explanation A Flash Copy mapping task has been stopped because of an error. \ A stopped flash copy may affect the status of other VDisks in the same I/O group. Preparing the stopped flash copies as soon as possible is advised.

Recommended Action 1. Correct higher priority errors. Then, ask the customer to prepare and start the Flash Copy task again. 2. Mark the error you have just repaired as fixed.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_FC_ER_PREPARE_FAILED ) FlashCopy prepare failed due to cache flush failure [chars]`

Explanation A Flash Copy prepare task has failed because a cache flush has failed.

Recommended Action 1. Correct higher priority errors, then retry the prepare tasks. 2. Mark the error you have just repaired as fixed.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_FC_ER_STOP_COMPLETED ) Flash Copy Stopped [chars]`

Explanation The Flash Copy mapping or consistency group has entered the STOPPED state as a result of a user request to stop.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_IC_ER_DIRECTORY_LIST_FAILED ) Failed to obtain directory listing from remote node [chars]`

Explanation An attempt to clean or retrieve files from /dumps directory has failed because of a failure to get listing of the directory from the remote node.

Recommended Action Determine if the remote node is still online. If not, perform problem determination on the remote node. If it is, retry the command. If it still fails contact the IBM Support Center for assistance. Cisco CLI commands may be used to access the node directly as an alternative.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_IC_ER_FEATURISATION_VIOLATION ) Featurisation violation [chars]`

Explanation The user has allocated more virtualized storage than licensed for or established a Flash Copy mapping or Remote Copy relationship when these have not been licensed.

Recommended Action Look in the featurisation log for log entries of type 'Error' to determine the type of violation. The user then should then either reduce virtualized storage, remove the Flash Copy mapping or Remote Copy relationship, so as to be in compliance with their license; or update the license information if that is incorrect; or arrange with their IBM representative to purchase a license for the desired features.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_IC_ER_TRANSFER_FILE_FAILED ) Failed to transfer file from remote node [chars]`

Explanation An attempt to retrieve a file from /dumps directory has failed.

Recommended Action Determine if the remote node is still online. If not, perform problem determination on the remote node. If it is, retry the command. If it still fails contact the IBM Support Center for assistance. Cisco CLI commands may be used to access the node directly as an alternative.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_IC_EV_IOGRP_NONE_OK ) Both nodes in the IO group are not available [chars]`

Explanation Following node remove by the user, there are no nodes left in the IO group.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_IC_EV_UPGRADE_NODE_PENDED ) Software upgrade process failed [chars]`

Explanation A software upgrade has failed. This might be because of a hardware error or it might be because of a failure in the new version of the software. An automatic software downgrade is performed to restore the nodes to their previous software version. This will be indicated in the log by a 'Software downgrade complete' entry. If the downgrade operation fails to downgrade a node, for example because it is offline, the download operation will stop and wait for the offline SAN Volume Controller to be repaired or deleted from the cluster. While the downgrade operation is in progress, configuration commands sent to the cluster will fail with a message indicating that a software upgrade operation is still in progress. The downgrade operation might take up to three hours.

Recommended Action 1. Display the status of the nodes on the cluster. 2. If any node is offline, delete the offline node from the cluster. If the delete fails with a message indicating that a software upgrade is in progress, this means that the downgrade process is still active. Wait for this operation to either complete or stop on the offline node and then retry the delete. If the downgrade operation had stopped, it will now continue. 3. Solve all logged hardware problems 4. Ask the user to retry the software install. 5. If the installation fails again, report the problem to your software support center. 6. Mark the error you have just repaired as fixed.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_IC_EV_UPGRADE_PCK_DELIVERY_FAILED ) Software install package cannot be delivered to all nodes [chars]`

Explanation An error occured while sending the software package to the nodes.

Recommended Action 1. Display the status of the nodes on the cluster. 2. If any node is offline, perform problem determination on the node and bring the node back online. Or, alternatively, delete the offline node from the cluster. 3. Retry the software retry the delete. If the downgrade operation had stopped, it will now continue. 3. Solve upgrade command. 4. If the installation fails again, report the problem to your software support center.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_PLIC_LINK ) Connection to a configured remote cluster has been lost [chars]`

Explanation This cluster is no longer able to communicate with the remote copy partner cluster.

Recommended Action Perform problem determination on the network and the other cluster.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_RC_ER_LSYNC ) Remote Copy suffered loss of synchronization [chars]`

Explanation In a remote-copy operation, the relationship has stopped and lost synchronization, for a reason other than a continuous I/O error.

Recommended Action 1. Correct higher priority errors, then restart the remote copy. 2. Mark the error you have just repaired as fixed.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_RC_ER_PERS ) Remote Copy suffered persistent error [chars]`

Explanation A Remote Copy relationship has been stopped because of a continuous I/O error.

Recommended Action 1. Correct the higher priority errors, then retry the Remote Copy task. 2. Mark the error you have just repaired as fixed.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_RC_ER_TIMEOUT ) Remote Copy retry timeout [chars]`

Explanation Remote Copy was unable to find a path to the device in the remote cluster within the timeout period.

Recommended Action Perform problem determination on the network and remote cluster: Ensure that all nodes in both clusters are configured in the inter-cluster SAN or VSAN. Ensure that all virtual disks in the remote cluster are online.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_VG_ER_COPIED_MEDIUM_ERROR ) I/O media error copied [chars]`

Explanation During a copy or a migrate process a media error was copied to the destination disk.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_VG_ER_INSUFFICIENT_VIRTUAL_EXTENTS ) Insufficient extents to create Virtual Disk [chars]`

Explanation There are not enough extents contained within the managed disk group to create the required virtual disk. This error can be logged if a migration is started and then a virtual disk is created which uses the extents that were to be used for the migration.

Recommended Action Add additional managed disks to the managed disk group or reduce the size of virtual disk to be created.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_VG_ER_MIGRATE_STOPPED ) Migration stopped [chars]`

Explanation The specific migration has been stopped due to errors occurring during migration, these errors have been logged.

Recommended Action Analyze the error log. Perform problem determination and correct any errors which have occurred. Migrate any specific extents which were not migrated due to the errors.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_VG_ER_MIGRATE_SUSPENDED ) Migration suspended [chars]`

Explanation Migration suspended.

Recommended Action 1. Ensure that all error codes of a higher priority have already been fixed. 2. Ask the customer to ensure that all mdisk groups that are the destination of suspended migrate operations have free extents available. 3. Mark this error as fixed. This will cause the migrate operation to be restarted. If the restart fails a new error will be logged.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_IO_MEDIUM_ERROR ) A media error has occurred during I/O to a Managed Disk [chars]`

Explanation A disk I/O medium error has occurred.

Recommended Action 1. Ask the customer to rewrite the bad data to the block LBA reported in the host systems SCSI sense data. Note: If this error has occurred during a migration, the host system will notice the error until the target device is accessed. 2. Check managed disk status. If all managed disks show a status of online, mark the error you have just repaired as fixed.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_IO_THRESHOLD_WARNING ) Managed Disk error count warning threshold met [chars]`

Explanation IOs to the managed disk have experienced sufficient errors to generate this warning. If the managed disk continues to experience IO errors, the managed disk may be excluded.

Recommended Action Perform problem determination on the affected managed disk.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_LUN_DISCOVERY_FAILED ) Discovery of LUN failed [chars]`

Explanation The cluster has a connection to the device on the SAN through this node, but the device has not responded to the node in a manner consistent with a functional device LUN.

Recommended Action If there are device LUNs that should have been discovered by the node: 1) Perform a manual discovery. 2) Perform problem determination on the device.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_MDISK_PORT_PREFERENCE_IGNORED ) Preferred port is not being used for Managed Disk access [chars]`

Explanation The preferred port designated by the back end controller is not being used for Managed Disk access. A port error or excluded port has prevented the use of the preferred port.

Recommended Action Perform problem determination on the controller and network to determine the cause of the port error or exclusion.

Error Message `SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_NODERR_CR_FAILED ) Cluster recovery failed [chars]`

Explanation Cluster recovery has failed and a software dump has been created.

Recommended Action Contact IBM Product support for assistance.

Error Message `SVC-4-SVC_SYSLOG_IF_INTERNAL_WARN: Interface [chars] internal warning: [chars]`

Explanation SVC interface internal warning

Recommended Action No action is required.

Error Message `SVC-4-SVC_SYSLOG_NPORT_INTERNAL_WARN: [chars] N-port for Interface [chars], vsan [dec] internal warning: [chars]`

Explanation SVC interface internal warning

Recommended Action No action is required.

SVC-5

Error Message `SVC-5-NODE_NOTICE_MSG: [chars]`

Explanation Syslog message from a SVC interface node

Recommended Action No action is required.

Error Message `SVC-5-SVC_SYSLOG_IF_CONFIG_DELETED: Interface [chars] configuration was deleted[chars]`

Explanation SVC interface configuration was deleted

Recommended Action No action is required.

Error Message `SVC-5-SVC_SYSLOG_IF_DOWN: Interface [chars] is down`

Explanation SVC interface is down

Recommended Action No action is required.

Error Message `SVC-5-SVC_SYSLOG_IF_UP: Interface [chars] is up`

Explanation SVC interface is up

Recommended Action No action is required.

SVC-6

Error Message `SVC-6-NODE_INFO_MSG: [chars]`

Explanation Syslog message from a SVC interface node

Recommended Action No action is required.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_CA_EV_ALL_DATA_UNPINNED ) All data now unpinned [chars]`

Explanation All the customer data in the IO group is now unpinned.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_CA_EV_HWS_TO_ASYNCHRONOUS ) Pinned data reduced; cache can operate normally [chars]`

Explanation Enough customer data has been unpinned that the cache is no longer required to operate in write through mode because of the pinned data. (Note that the cache may still operate in write through mode for other reasons.)

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_BATT_OK ) Battery recharged [chars]`

Explanation Battery capacity has been restored to above threshold. The node will now come online.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_BATT_POWER_DOWN ) Poweroff or power failure detected [chars]`

Explanation The process has received a poweroff or power failure indication. The node is shutting down.

Recommended Action Restore power. If power was not removed and this occurs: 1. Reload the node. 2. If the error persists, re-install the code on the line card. The node(s) will then have to be removed and re-added back to the cluster. 3. If the error persists, replace the Caching Services Module.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_PWR_BUTTON ) Power withdrawn [chars]`

Explanation Node software was notified that AC power was being shut off or the Caching Services Module was being reset.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_FC_ER_COPY_COMPLETED ) Flash Copy Copied [chars]`

Explanation The Flash Copy mapping or consistency group has entered the IDLE_COPIED state. The target disk now contains a complete copy and is no longer dependent on the source.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_FC_ER_PREPARE_COMPLETED ) Flash Copy Prepared [chars]`

Explanation The Flash Copy mapping or consistency group has entered the PREPARED state. It is now possible to Start or Stop the mapping/group.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_IC_EV_CLUSTER_RECOVERY_COMPLETE ) Cluster recovery completed [chars]`

Explanation Cluster recovery has completed successfully.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_IC_EV_IOGRP_ONE_OK ) One node in the IO group is not available [chars]`

Explanation Following node remove by the user, there is only one node left in the IO group.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_IC_EV_SECURE_DELETE_COMPLETE ) Virtual Disk format completed [chars]`

Explanation The formatting (writing all zeros) to new extents of the Virtual Disk has completed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_COLDSTART ) Node software started [chars]`

Explanation The node software has been started (cold start).

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_RC_ER_COPY_COMP ) Remote Copy complete [chars]`

Explanation Background copy complete. The standalone relationship or consistency group has transitioned from 'Inconsistent Copying' to 'Consistent Synchronized'. This will only be logged on the cluster of the Primary Vitrual Disk(s).

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_RC_ER_READY_TO_START ) Remote Copy ready to start [chars]`

Explanation The remote copy relationship or consistency group, whic had been previously been stopped due to an error, is ready to be restarted. All resources are now online.

Recommended Action Restart the relationship or consistency group.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_VG_EV_MIGRATE_COMPLETE ) Migration complete [chars]`

Explanation Migration has completed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_CLUSTER_FABRIC_VIEW_CHANGE ) Cluster fabric view has been updated. [chars]`

Explanation The node is in the process of discoverying devices on the fabric.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_ADD_MAPPING ) Virtual Disk to Host SCSI mapping created [chars]`

Explanation 'svctask mkvdiskhostmap' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_ADD_WWPN ) Port added to a Host [chars]`

Explanation 'svctask addhostport' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_CHANGE_CLUSTER_TIME ) Attempt to change cluster time (no effect) [chars]`

Explanation 'svctask setclustertime' command has been invoked. This command has no effect in SAN Volume Controller for Cisco MDS 9000, but is retained for compatibility.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_CHANGE_TIMEZONE ) Attempt to change time zone (no effect) [chars]`

Explanation 'svctask settimezone' command has been invoked. This command has no effect in SAN Volume Controller for Cisco MDS 9000, but is retained for compatibility.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_CLUSTER_DISCOVERY ) Manual Managed Disk discovery invoked [chars]`

Explanation 'svctask detectmdisk' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_CLUSTER_DUMP_CONFIG ) Cluster config dumped to file [chars]`

Explanation 'svctask dumpconfig' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_CLUSTER_MODIFY ) Cluster attributes modified [chars]`

Explanation 'svctask chcluster' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_CLUSTER_SHUTDOWN ) Node or Cluster shutdown [chars]`

Explanation 'svctask stopcluster' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_CREATE_FC_MAPPING ) Flash Copy mapping created [chars]`

Explanation 'svctask mkfcmap' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_CREATE_HOST ) Host created [chars]`

Explanation 'svctask mkhost' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_DELETE_FC_MAPPING ) Flash Copy mapping deleted [chars]`

Explanation 'svctask rmfcmap' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_DELETE_HOST ) Hosts deleted [chars]`

Explanation 'svctask rmhost' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_DELETE_MAPPING ) Virtual Disk to Host SCSI mapping deleted [chars]`

Explanation 'svctask rmvdiskhostmap' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_DELETE_PORT_HOST_LIST ) Ports deleted from a Host [chars]`

Explanation 'svctask rmhostport' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_DELETE_WWPN ) Port deleted from a Host [chars]`

Explanation 'svctask rmhostport' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_DEVICE_SET_NAME ) Controller attributes modified [chars]`

Explanation 'svctask chcontroller' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_ERRORLOG_ANALYSE ) Error log analyzed [chars]`

Explanation 'svctask finderr' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_ERRORLOG_CLEARLOG ) Error log cleared [chars]`

Explanation 'svctask clearerrlog' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_ERRORLOG_DUMPLOG ) Error log dumped [chars]`

Explanation 'svctask dumperrlog' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_ERRORLOG_FIX ) Error log entry marked fixed [chars]`

Explanation 'svctask cherrstate' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_FC_CONSIST_GRP_SET_NAME ) Flash Copy consistency group name modified [chars]`

Explanation 'svctask chfcconsistgrp -name' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_FC_CREATE_CONSIST_GRP ) Flash Copy consistency group created [chars]`

Explanation 'svctask mkfcconsistgrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_FC_DELETE_CONSIST_GRP ) Flash Copy consistency group deleted [chars]`

Explanation 'svctask rmconsistgrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_FC_SET_NAME ) Flash Copy mapping name modified [chars]`

Explanation 'svctask chfcmap -name' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_FEATURISATION_CHANGED ) Licensed settings modified [chars]`

Explanation 'svctask chlicense' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_FLASH_PREPARE_CG ) Flash Copy consistency group prepared [chars]`

Explanation 'svctask prestartfcconsistgrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_FLASH_START_CG ) Flash Copy consistency group started [chars]`

Explanation 'svctask startfcconsistgrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_FLASH_STOP_CG ) Flash Copy consistency group stopped [chars]`

Explanation 'svctask stopfcconsistgrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_HOST_DELETE ) Host deleted [chars]`

Explanation 'svctask rmhost' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_HOST_SET_NAME ) Host attributes modified [chars]`

Explanation 'svctask chhost' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_HWS_SET_NAME ) IO Group name modified [chars]`

Explanation 'svctask chiogrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_IO_TRACE_FINISHED ) IO Tracing stopped [chars]`

Explanation 'svctask stoptrace' or equivalent GUI/Cisco CLI command has been invoked, or the trigger occurred for a given Managed Disk, automatically stopping the trace.

Recommended Action Analyse the traces.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_MDISK_GRP_ADD_MDISK ) Managed Disk added to Managed Disk group [chars]`

Explanation 'svctask addmdisk' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_MDISK_GRP_CREATE ) Managed Disk Group created [chars]`

Explanation 'svctask mkmdiskgrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_MDISK_GRP_DELETE) Managed Disk Group deleted [chars]

Explanation 'svctask rmmdiskgrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_MDISK_GRP_DELETE_MDISK) Managed Disk deleted from Managed Disk group [chars]

Explanation 'svctask rmmdisk' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_MDISK_GRP_SET_NAME) Managed Disk Group attributes modified [chars]

Explanation 'svctask chmdiskgrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_MDISK_SET_NAME) Managed Disk attributes modified [chars]

Explanation 'svctask chmdisk' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_MDISK_UNSLANDER) Managed Disk online [chars]

Explanation The managed disk which was excluded is now online.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_MIGRATE) Virtual Disk migration to new Managed Disk group started [chars]

Explanation 'svctask migratevdisk' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_MODIFY_FC_MAPPING ) Flash Copy mapping modified [chars]`

Explanation 'svctask chfcmap' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_NODE_ADD ) Node added [chars]`

Explanation 'svctask addnode' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_NODE_CREATE_CLUSTER ) Cluster created [chars]`

Explanation 'cluster add' or equivalent GUI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_NODE_DELETE ) Node deleted from cluster [chars]`

Explanation 'svctask rmnode' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_NODE_PEND ) Node Pend [chars]`

Explanation The node has gone into the pending state. It will shortly go into the online or offline state.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_NODE_REMOVE ) Node leaving cluster (expected) [chars]`

Explanation The node has gone offline as expected due to shutdown, upgrade or deletion.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_NODE_SET_NAME ) Node attributes modified [chars]`

Explanation 'svctask chnode' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_NODE_SHUTDOWN ) Node shutdown [chars]`

Explanation 'svctask stopcluster -node' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_NODE_UNPEND ) Node Unpend [chars]`

Explanation The node has gone online.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_PLANAR_SN_CHANGE ) Attempt to change the Planar Serial Number (no effect) [chars]`

Explanation 'svctask writesernum' command has been invoked. This command has no effect in SAN Volume Controller for Cisco MDS 9000, but is retained for compatibility.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_PRETRIGGER_FC_MAPPING ) Flash Copy mapping prepared [chars]`

Explanation 'svctask prestartfcmap' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_QUORUM_CREATE ) Quorum disk set [chars]`

Explanation 'svctask setquorum' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_CREATECONSTGRP ) Remote Copy consistency group created [chars]`

Explanation 'svctask mkrcconsistgrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_CREATEREL ) Remote Copy relationship created [chars]`

Explanation 'svctask mkrcrelationship' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_DELETECONSTGRP ) Remote Copy consistency group deleted [chars]`

Explanation 'svctask rmconsistgrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_DELETEREL ) Remote Copy relationship deleted [chars]`

Explanation 'svctask rmrcrelationship' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_MODIFYCONSTGRP ) Remote Copy consistency group modified [chars]`

Explanation 'svctask chrcconsistgrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_MODIFYREL ) Remote Copy relationship modified [chars]`

Explanation 'svctask chrcrelationship' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_START) Remote Copy relationship started [chars]

Explanation 'svctask startrcrelationship' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_START_CG) Remote Copy consistency group started [chars]

Explanation 'svctask startrcconsistgrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_STOP) Remote Copy relationship stopped [chars]

Explanation 'svctask stoprcrelationship' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_STOP_CG) Remote Copy consistency group stopped [chars]

Explanation 'svctask stoprcconsistgrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_SWITCH) Remote Copy relationship switched [chars]

Explanation 'svctask switchrcrelationship' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_SWITCH_CG) Remote Copy consistency group switched [chars]

Explanation 'svctask switchrcconsistgrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_SERVICE_APPLY_SOFTWARE ) Software upgrade command accepted [chars]`

Explanation 'cluster upgrade svc-system' or equivalent GUI command has been invoked. The command has been accepted. Additional log entries will track the progress of the upgrade.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_STOP_FC_MAPPING ) Flash Copy mapping stopped [chars]`

Explanation 'svctask stopfcmap' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_TRIGGER_FC_MAPPING ) Flash Copy mapping started [chars]`

Explanation 'svctask startfcmap' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_UPGRADE_BACKED_OFF ) Software downgrade complete [chars]`

Explanation The software upgrade process failed and all nodes have been restored to the previous level of code.

Recommended Action Perform problem determination on the cause of the upgrade failure and take corrective action before retrying the upgrade.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_UPGRADE_COMPLETED ) Software upgrade complete [chars]`

Explanation All nodes have successfully moved to the new code level, which will now be committed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_UPGRADE_STARTED ) Software upgrade started [chars]`

Explanation The software upgrade process has started (the first node is about to be upgraded).

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_CREATE ) Virtual Disk created [chars]`

Explanation 'svctask mkvdisk' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_DELETE ) Virtual Disk deleted [chars]`

Explanation 'svctask rmvdisk' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_EXPAND ) Virtual Disk expanded [chars]`

Explanation 'svctask expandvdisksize' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_EXPAND_SINGLE_EXT ) Virtual Disk expanded by single extent [chars]`

Explanation 'svctask addvdiskext' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_MIGRATE_EXTENT ) Extent migration started [chars]`

Explanation 'svctask migrateexts' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_MIGRATE_EXTENTS ) Extent migration started [chars]`

Explanation 'svctask migrateexts' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_MODIFY_GOVERN ) Virtual Disk throttling rate modified [chars]`

Explanation 'svctask chvdisk -rate' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_MOVE_HWS ) Virtual Disk IO Group changed [chars]`

Explanation 'svctask chvdisk -iogrp' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_SET_NAME ) Virtual Disk name modified [chars]`

Explanation 'svctask chvdisk -name' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_SHRINK ) Virtual Disk shrunk [chars]`

Explanation 'svctask shrinkvdisksize' or equivalent GUI/Cisco CLI command has been invoked.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `SVC-6-SVC_SYSLOG_CL_CONFIG: Node [chars] has become config node of cluster [chars]`

Explanation SVC interface has because cluster config node

Recommended Action No action is required.

Error Message `SVC-6-SVC_SYSLOG_CL_JOIN: Node [chars] has joined cluster [chars]`

Explanation SVC interface has joined cluster

Recommended Action No action is required.

Error Message `SVC-6-SVC_SYSLOG_CL_UNJOIN: Node [chars] has left cluster [chars]`

Explanation SVC interface has left cluster

Recommended Action No action is required.

Error Message `SVC-6-SVC_SYSLOG_LC_WWN_PURGE: All WWNs for module [dec] have been purged[chars]`

Explanation SVC linecard has purged all WWNs

Recommended Action No action is required.

Error Message `SVC-6-SVC_SYSLOG_VSAN_INACTIVE: Vsan [dec] suspended`

Explanation Vsan was suspended; can cause warnings

Recommended Action No action is required.

SVC-7

Error Message `SVC-7-NODE_DEBUG_MSG: [chars]`

Explanation Syslog message from a SVC interface node

Recommended Action No action is required.

SYSMGR Messages

This section contains the SYSMGR messages.

SYSMGR-2

Error Message `SYSMGR-2-BOOTSCOPE_HANDSHAKE: Service [chars] is in the boot scope, but tried a regular handshake. Discarding request.`

Explanation A service is trying to take actions that belong to a different class of services.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-CFGERASE_ABORTED: Write erase aborted.`

Explanation Write erase has failed.

Recommended Action Please verify the other syslog messages printed correct the problem, and try again.

Error Message `SYSMGR-2-CFGSNAPSHOT_ABORTED_DIR: Unable to open the configuration directory. Aborting configuration snapshot.`

Explanation The destination location for the snapshot-config could not be found.

Recommended Action If the problem persists, please use the vshboot command 'init system' to initialize the configuration partition.

Error Message `SYSMGR-2-CFGSNAPSHOT_ABORTED_INIT: Unable to initialize the configuration directory (error-id [hex]). Aborting configuration snapshot.`

Explanation An attempt to copy the startup-config to snapshot-config has failed because the old data could not be removed.

Recommended Action If the problem persists, please use the vshboot command 'init system' to initialize the configuration partition.

Error Message `SYSMGR-2-CFGSNAPSHOT_ABORTED: Configuration snapshot aborted.`

Explanation An attempt to save a snapshot of the startup-config has failed.

Recommended Action Please verify the other syslog messages printed correct the problem, and try again.

Error Message `SYSMGR-2-CFGSYNC_FAILURE: Syncing of the configuration to the standby failed.`

Explanation Syncing of the configuration to the standby failed.

Recommended Action Please verify the other syslog messages printed correct the problem, and try again.

Error Message `SYSMGR-2-CFGWRITE_ABORTED_DIR: Unable to open the configuration directory. Aborting configuration copy.`

Explanation The destination location for the startup-config could not be found.

Recommended Action If the problem persists, please use the vshboot command 'init system' to initialize the configuration partition.

Error Message `SYSMGR-2-CFGWRITE_ABORTED_INIT: Unable to initialize the configuration directory (error-id [hex]). Aborting configuration copy.`

Explanation An attempt to copy the running-config to startup-config has failed because the old data could not be removed.

Recommended Action If the problem persists, please use the vshboot command 'init system' to initialize the configuration partition.

Error Message `SYSMGR-2-CFGWRITE_ABORTED_LABEL: Unable to label the new configuration (error-id [hex]). Aborting configuration copy.`

Explanation An attempt to copy the running-config to startup-config has failed because the new startup-config could not be stamped.

Recommended Action If the problem persists, please use the vshboot command 'init system' to initialize the configuration partition.

Error Message `SYSMGR-2-CFGWRITE_ABORTED_LOCK: Unable to lock the configuration (error-id [hex]). Aborting configuration copy.`

Explanation An attempt to copy the running-config to startup-config has failed because the system could not lock the required configuration items.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-CFGWRITE_ABORTED_LOG: Unable to open a log file for the new configuration: [chars] (error-id [hex]). Aborting configuration copy.`

Explanation An attempt to copy the running-config to startup-config has failed because a log file could not be created.

Recommended Action If the problem persists, please use the vshboot command 'init system' to initialize the configuration partition.

Error Message `SYSMGR-2-CFGWRITE_ABORTED: Configuration copy aborted.`

Explanation A configuration copy has failed.

Recommended Action Please verify the other syslog messages printed correct the problem, and try again.

Error Message `SYSMGR-2-CFGWRITE_TIMEOUT_ABORT: Configuration copy aborted by timeout.`

Explanation A service failed to store its configuration in the timeout period. The operation has been aborted.

Recommended Action No action is required.

Error Message `SYSMGR-2-CFGWRITE_USER_ABORT: Configuration copy aborted by the user.`

Explanation The user typed CTRL+C while the configuration was being saved, and the operation has been aborted.

Recommended Action No action is required.

Error Message `SYSMGR-2-CONVERT_FUNC_FAILED: Conversion function failed for service [chars] (error-id [hex]).`

Explanation This message indicates that the conversion function failed for this service.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-CONVERT_FUNC_NOTFOUND: Conversion function not found for service [chars].`

Explanation This message indicates that the system could not find appropriate conversion function for this service.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-CONVERT_LIB_NOTFOUND: Conversion library not found for service [chars].`

Explanation This message indicates that the system could not find conversion library for this service.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-CONVERT_STARTUP_ABORTED: Conversion of startup-config failed.`

Explanation This message indicates that the conversion of startup configuration was aborted.

Recommended Action If the problem persists, please use the vshboot command 'init system' to initialize the configuration partition.

Error Message `SYSMGR-2-CONVERT_ZIPPING_FAILED: Failed to zip the converted startup configuration.`

Explanation This message indicates that conversion of the startup configuration failed when system was trying to zip the converted configuration.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-CORE_SAVE_FAILED: [chars]: PID [dec] with message [chars].`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `SYSMGR-2-CREATE_DONEFILE_FAILED: Creating /var/run/sysmgr.initdone failed with return value: ([dec]).`

Explanation The initialization of the system could not complete.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-DELETE_BINARY_STARTUP_FAILED: Deletion of binary startup config failed during boot (error-id [hex]).`

Explanation This message indicates that the deletion of the binary startup configuration failed during boot.

Recommended Action If the problem persists, please use the vshboot command 'init system' to initialize the configuration partition.

Error Message `SYSMGR-2-FORMAT_FAILURE_SUP_RESET: Failure to format a partition successfully causing sup to reset.`

Explanation The partition used to store non-volatile pss files could not be formatted successfully. The supervisor will be reset.

Recommended Action If the problem persists, please contact customer support.

Error Message `SYSMGR-2-GSYNC_ABORT: Global sync aborted by signal.`

Explanation The initial synchronization of the services has been aborted. The synchronization will be attempted again later.

Recommended Action Use the command 'reload module <mod>' to reset the standby supervisor if you want to try again.

Error Message `SYSMGR-2-GSYNC_GET_TIMEOUT: Request for global sync for UUID [hex] not completed in specified time.`

Explanation Service failed to complete global sync in specified time. The standby will no longer act as a HA standby.

Recommended Action If the problem persists, please contact customer support.

Error Message `SYSMGR-2-GSYNC_READY_SRVFAILED: Service [chars] on standby supervisor failed to restore its snapshot (error-id [hex]).`

Explanation The initial synchronization of service [chars] has failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-GSYNC_SNAPSHOT_SRVFAILED: Service [chars] on active supervisor failed to store its snapshot (error-id [hex]).`

Explanation The initial synchronization of service [chars] has failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-HANDSHAKE_FAILED: Handshake with service [chars] in vdc [dec] failed since send failed: [chars] (error-id [hex]).`

Explanation Handshake with a service failed since system manager could not send handshake response to it.

Recommended Action No action is required.

Error Message `SYSMGR-2-HASWITCHOVER_PRE_START: This supervisor is becoming active (pre-start phase).`

Explanation A cold switchover has started (pre-start phase).

Recommended Action When the other supervisor is back online, use the command 'show system reset-reason' to know what caused the switchover.

Error Message `SYSMGR-2-HASWITCHOVER_START: Supervisor [dec] is becoming active.`

Explanation A cold switchover has started.

Recommended Action When the other supervisor is back online, use the command 'show system reset-reason' to know what caused the switchover.

Error Message `SYSMGR-2-HEARTBEAT_FAILED: Sysmgr heartbeat failed at %lu. [chars]. [chars] ([dec])`

Explanation System manager had failure while trying to heartbeat with KLM

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-INBAND_START_FAILED: Failure while bringing up inband after ISSU reboot, errno: [dec].`

Explanation Sysmgr tried to bring up inband after ISSU reboot, but the call returned error.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-INVALID_HANDSHAKE: Invalid secret ([dec]) received from service [chars]. Expected [dec].`

Explanation A service can't be started.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-INVALID_SYSMGRCONF: [chars]: invalid configuration file [chars]: [chars] (error-id [hex]).`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-INVALID_VERSIONMSG: The remote System Manager ([chars]) declares itself in the same state as this System Manager ([chars]).`

Explanation The redundancy state negotiation between the two supervisors failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-ISSU_FAILED: The ISSU has failed: [chars] (error-id [hex])`

Explanation The ISSU has failed and the switch need to be rebooted.

Recommended Action No action is required.

Error Message `SYSMGR-2-LAST_CORE_BASIC_TRACE: [chars]: PID [dec] with message [chars].`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `SYSMGR-2-MSG_SEND_FAILURE_STANDBY_RESET: Failure in sending message to standby causing standby to reset.`

Explanation We will be resetting the standby since mts on the active is unable to send a message to standby.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-MTS_FLUSH_SYNC_QUEUE_FAILURE: flush mts sync queue failed with [chars] (errno [dec])`

Explanation Calling mts_flush_sync_queue to guarante no outstanding messages. the failure might affect HA

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-NON_VOLATILE_DB_FULL: System non-volatile storage usage is unexpectedly high at [dec]%.`

Explanation System non-volatile storage space is almost full.

Recommended Action Please run the command 'clear processes log pid <pid>' to delete log file for specific instance that show up via the command 'show processes log all'. To clear out all log files, use the command 'clear processes log all'

Error Message `SYSMGR-2-ONBOARD_FAILURE_LOGGING_FULL: Onboard failure logging usage is unexpectedly high at [dec]%.`

Explanation Onboard failure logging space is almost full.

Recommended Action Please run the command 'clear logging onboard'. If this message continues to persist, please contact TAC.

Error Message `SYSMGR-2-PARSEERR_DEPENDCYCLE: Dependency cycle found among [chars].`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_DUPLICATEDCONFIG: [chars]: duplicated definition for service config. Previous definition in [chars].`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_DUPLICATEDDEPEND: [chars]: duplicated dependency from [chars] for service [chars]. Previous use in [chars].`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_DUPLICATEDNAME: [chars]: short name [chars] used by service [chars] is also used by service [chars] in [chars].`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_DUPLICATEDOPTION: [chars]: duplicated definition for option [chars]->[chars] (service [chars]). Previous definition in [chars].`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_DUPLICATEDSERVICE: [chars]: duplicated definition for service [chars]. Previous definition in [chars].`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_DUPLICATEDVERDB: [chars]: duplicated definition for service version_db. Previous definition in [chars].`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_DUP_UGRPENTRY: [chars]: service [chars] duplicated in the current upgrade group. Previous use in [chars].`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_INCONSISTENTOPT: [chars]: option [chars]=[chars] not consistent with [chars]=[chars] for service [chars]`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_INVALIDCOMPCONDDEPEND: [chars] (in dependency list of compulsory conditional service [chars]): optional conditional service [chars] not allowed.`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_INVALIDCONDDEPEND: [chars] (in dependency list of ASAP service [chars]): conditional service [chars] not allowed.`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_INVALIDDEPEND: [chars] (in dependency list of service [chars]): service [chars] not defined for scope [chars].`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_INVALIDEXEC: [chars]: invalid executable [chars] for service [chars]: [chars] ([dec]).`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_INVALIDHANDSHAKEDEPEND: [chars] (in handshake dependency list of service [chars]): service [chars] is MTS unaware or not defined for scope [chars].`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_INVALIDIDENT: [chars]: [chars] [chars] not found for service [chars].`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_INVALIDOPTION: [chars]: option [chars]->[chars] cannot be set to [chars].`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_INVALIDSTDBYDEPEND: [chars]: service [chars] cannot be dependent on service [chars] due to the standby mode wait for that service.`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_INVALIDVDCDEPEND: [chars] (in dependency list of service [chars]): service [chars] is a [chars] service.`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_INVALID_CLEANUP_ARGUMENTS: [chars]: cleanup_arguments = [chars]: only conditional services that are scripts can specify cleanup arguments`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_INVALID_COND_SRV_MODE: [chars]: service [chars] not defined for scope control or not mts aware.`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_INVALID_DIR: [chars]: [chars] is not a valid [chars]: [chars] ([dec]).`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_INVALID_GLOBAL_SYNC: [chars]: mts unaware service may not request for a global sync.`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_INVALID_HB: [chars]: [dec] is not a valid heartbeat timeout.`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_INVALID_MAX_INSTANCE: [chars]: [dec] is not a valid max_instance.`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_INVALID_SHELLTREE: [chars]: invalid shell parser tree [chars] for service [chars]: [chars] ([dec]).`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_INVALID_STANDBY_MODE_GLOBAL_SYNC: [chars]: service with standby mode wait cannot request for a global sync.`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_INVALID_STANDBY_MODE: [chars]: standby_mode should be run.`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_INVALID_TRANSL: [chars]: invalid translator [chars] for service [chars]: [chars] ([dec]).`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_INVALID_UGRPENTRY: [chars]: service [chars] is not defined.`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_MISSINGOPTION: [chars]: option [chars]->[chars] missing from service definition for service [chars].`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_MTSUNAWARE_HANDSHAKEDEPEND: [chars]: service [chars] is MTS unaware and cannot have handshake dependencies.`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_NORESTART: [chars]: option [chars]->[chars] cannot be set without setting option [chars]->[chars].`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_NOTCONFIG: [chars]: [chars] implemented only for service config.`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_REPARSE_CANNOT_ADD_SRV: Service [chars] cannot be added`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_REPARSE_CANNOT_DELETE_SRV: Service [chars] cannot be removed`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_REPARSE_CANNOT_MODIFY_PARAM: Cannot modify parameter [chars] for the service [chars], old value = [chars], new value = [chars]`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_REPARSE_CANNOT_MODIFY_SRV: Configuration for service [chars] cannot be modified, param modified = [chars], old_value = [chars], new_value = [chars]`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_REP_UGRPENTRY: [chars]: service [chars] is used in more than one upgrade group. First use in [chars].`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_TOOMANYDEPENDS_MULTIPLE_INST: [chars]: too many multiple instance dependencies ([dec]) for service [chars].`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_TOOMANYDEPENDS: [chars]: too many dependencies ([dec]) for service [chars].`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_UGRPDUPLICATEDNAME: [chars]: upgrade group name [chars] already used in [chars].`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARSEERR_UGRPNAMEREDEFINED: [chars]: the upgrade group is already called [chars].`

Explanation The system image contains an inconsistent list of services. The initialization of the system can't proceed further.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PARTIAL_CFGWRITE_ABORTED: Partial configuration copy aborted.`

Explanation A partial configuration copy has failed.

Recommended Action Please verify the other syslog messages printed correct the problem, and try again. If problem persists, please run the command 'copy running-config startup-config' and try again.

Error Message `SYSMGR-2-PLUGIN_BOOTUP_FAILURE: The bootup of the supervisor has failed due to plugin load: [chars] (error-id [hex])`

Explanation The bootup of the supervisor has failed due to plugin load.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PSS2FILE_CONVERT_FAILED: Conversion of file [chars] failed.`

Explanation Conversion of internal data format failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-PSS2_VOLATILE_DB_FULL: Volatile database usage in kernel is unexpectedly high at [dec]%.`

Explanation System volatile database in kernel space is almost full.

Recommended Action Please run the command 'system system internal pss kernel memstats'. If this message continues to persist, please contact TAC.

Error Message `SYSMGR-2-REDSTATE_GETFAILED: Failed to request redundancy state: [chars] (error-id [hex]).`

Explanation The local supervisor is unable to get the redundancy state.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-REDSTATE_SETFAILED: Failed to set redundancy state: ret_val ([dec]).`

Explanation The local supervisor is unable to get the redundancy state.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-REDUNDANCY_CHANNEL_FAILURE: Remote sup will be rebooted since its coming up as active when local sup is still active.`

Explanation Remote sup is becoming active although local sup is still active. As a result, local sup will cause the remote sup to reset itself.

Recommended Action If the problem persists, please contact customer support.

Error Message `SYSMGR-2-REDUNDANCY_HEARTBEAT_FAILURE: Heartbeat between active and standby on the redundancy channel not working for last [dec] minutes.`

Explanation This supervisor is not receiving heartbeat on the redundancy channel from the other supervisor. This can result in problems during switchover and switchover may even fail.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-RESTART_SYSTEM_LOG: We will be restarting system soon for vdc [dec].`

Explanation We will be restarting system since we were trying to do a hot switchover before all the state could have been transferred to this supervisor. So we will be doing a cold switchover now.

Recommended Action No action is required.

Error Message `SYSMGR-2-RESTORE_RUNTIME_DB_FAILED: Restoring of runtime database for fabric switch upgrade failed during boot (error-id [hex]).`

Explanation This message indicates that the runtime database could not be restored during boot for the fabric switch upgrade.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-SAVE_RUNTIME_DB_FAILED: Saving of runtime database for fabric switch upgrade failed (error-id [hex]).`

Explanation This message indicates that the runtime database could not be saved for the fabric switch upgrade.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-SERVICE_CRASHED: Service [chars] (PID [dec]) hasn't caught signal [dec][chars]`

Explanation A service has terminated its execution abnormally. The service might be restarted, depending on the HA policies implemented for the service.

Recommended Action Please use the command 'show process' to verify that the service has been restarted.

Error Message `SYSMGR-2-SHUTDOWN_FAILURE: Unable to set signal handler for graceful shutdown: [chars] (error-id [hex]).`

Explanation This is a legacy message that can be ignored from Cisco MDS SAN-OS release 1.3(4a).

Recommended Action No action is required.

Error Message `SYSMGR-2-SHUTDOWN_REJECT: The System Manager is busy saving the configuration. Please try again later.`

Explanation This is a legacy message that can be ignored from Cisco MDS SAN-OS release 1.3(4a).

Recommended Action No action is required.

Error Message `SYSMGR-2-SHUTDOWN_SYSTEM_LOG: vdc [dec] will shut down soon.`

Explanation We are shutting down system the vdc

Recommended Action No action is required.

Error Message `SYSMGR-2-SIGKILL_FAILURE: Service [chars] failure to respond to SIGKILL causing supervisor to reset. Last heartbeat %.2f secs ago.`

Explanation We will be resetting the supervisor since service failed to respond to SIGKILL sent to it by System Manager.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-SOCKET_ERROR: Failed to open socket connection, errno: [dec].`

Explanation Call to open socket connection failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-SRV_CLEAR_MEMORY_ALERT: service [chars] clear memory alert ([dec]%)`

Explanation Clean Memory Alert Event received

Recommended Action No action is required.

Error Message `SYSMGR-2-SRV_MAJOR_MEMORY_ALERT: service [chars] major memory alert ([dec]%)`

Explanation Major Memory Alert Event received

Recommended Action No action is required.

Error Message `SYSMGR-2-SRV_MINOR_MEMORY_ALERT: service [chars] minor memory alert ([dec]%)`

Explanation Minor Memory Alert Event received

Recommended Action No action is required.

Error Message `SYSMGR-2-SRV_SPAWN_FAILED: Spawning of service [chars] in vdc [dec] failed : [chars] (error-id [hex]).`

Explanation Failed to spawn a service

Recommended Action No action is required.

Error Message `SYSMGR-2-STANDBY_BOOT_FAILED: Standby supervisor failed to boot up.`

Explanation This message is printed if the standby supervisor doesn't complete its boot procedure (i.e. it doesn't reach the login prompt on the local console) 3 to 6 minutes after the loader has been loaded by the BIOS. This message is usually caused by boot variables not properly set for the standby supervisor. This message can also be caused by a user intentionally interrupting the boot procedure at the loader prompt (by means of pressing ESC).

Recommended Action Connect to the local console of the standby supervisor. If the supervisor is at the loader prompt, try to use the 'boot' command to continue the boot procedure. Otherwise, issue a 'reload' command for the standby supervisor from a vsh session on the active supervisor, specifying the 'force-dnld' option. Once the standby is online, fix the problem by setting the boot variables appropriately.

Error Message `SYSMGR-2-STARTUP_CONVERSION_FAILED: Startup config conversion failed during boot (error-id [hex]).`

Explanation This message indicates that the conversion of startup configuration failed during boot.

Recommended Action If the problem persists, please use the vshboot command 'init system' to initialize the configuration partition.

Error Message `SYSMGR-2-START_SCRIPT_FAILED: Start script (/isan/etc/rc.sysmgr start) failed with return value: ([dec]).`

Explanation The initialization of the system could not complete.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-SUBPROC_SPAWN_FAILED: Spawning of sub-process [chars] in vdc [dec] failed : [chars] (error-id [hex]).`

Explanation Failed to spawn a sub-process

Recommended Action No action is required.

Error Message SYSMGR-2-SWITCHOVER_OVER: Switchover completed.

Explanation The switchover is completed.

Recommended Action No action is required.

Error Message SYSMGR-2-SWITCHOVER_SRVCRASHED: Service [chars] (PID [dec]) crashed during switchover - hasn't caught signal [dec] .

Explanation The switchover failed because a service crashed during switchover.

Recommended Action No action is required.

Error Message SYSMGR-2-SWITCHOVER_SRVFAILED: Service [chars] failed in performing its switchover actions (error-id [hex]).

Explanation The switchover failed because a service could not transition to the active state.

Recommended Action No action is required.

Error Message SYSMGR-2-SWITCHOVER_SRVTERMINATED: Service [chars] (PID [dec]) terminated during switchover with error code [dec] .

Explanation The switchover failed because a service terminated during switchover.

Recommended Action No action is required.

Error Message SYSMGR-2-SWITCHOVER_THRESHOLD_EXCEEDED: Switchover threshold exceeded ([dec] switchovers happened within [dec] seconds). Powering down all linecards.

Explanation Switchover threshold exceeded

Recommended Action No action is required.

Error Message SYSMGR-2-SWITCHOVER_TIMEOUT: Service [chars] (vdc [dec]) did not respond to switchover message in [dec] seconds

Explanation The switchover timeout because a service failed to response

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-SYNC_FAILURE_MSG_PAYLOAD: vdc [dec]: [chars]

Explanation Dump out the msg to know what causes sync failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-SYNC_FAILURE_STANDBY_RESET: Failure in syncing messages to standby for vdc [dec] causing standby to reset.`

Explanation We will be resetting the standby since mts on the active is unable to sync messages to standby.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-TMP_DIR_FULL: System temporary directory usage is unexpectedly high at [dec]%.`

Explanation System /tmp space is almost full.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-VDC_CREATE_DELETE_SRVCRASHED: Global vdc-aware service [chars] (PID [dec]) crashed during vdc create/delete on standby - hasn't caught signal [dec] .`

Explanation The creation/deletion of vdc on standby failed because a global vdc-aware service crashed on standby.

Recommended Action No action is required.

Error Message `SYSMGR-2-VDC_CREATE_DELETE_SRVTERMINATED: Global vdc-aware service [chars] (PID [dec]) terminated during vdc create/delete on standby with error code [dec] .`

Explanation The creation/deletion of vdc on standby failed because a global vdc-aware service terminated on standby.

Recommended Action No action is required.

Error Message `SYSMGR-2-VDC_DELETE_FAILURE: The vdc delete has failed: [chars] (error-id [hex])`

Explanation The vdc delete has failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-2-VDC_NOT_CLEANEDUP_SRVS: vdc [dec]: [chars]`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `SYSMGR-2-VOLATILE_DB_FULL: System volatile database usage is unexpectedly high at [dec]%.`

Explanation System volatile database space is almost full.

Recommended Action Please run the command 'system pss shrink'. If this message continues to persist, please contact TAC.

Error Message `SYSMGR-2-WARMSWITCHOVER_START: This supervisor is becoming active.`

Explanation A cold switchover has started.

Recommended Action When the other supervisor is back online, use the command 'show system reset-reason' to know what caused the switchover.

Error Message `SYSMGR-2-WDT_KGDB: System watchdog kgdb has been [chars] for slot [dec].`

Explanation System watchdog kgdb has been [chars]. If the command has been enabled, the system will go into kgdb if there is a watchdog timeout.

Recommended Action No action is required.

Error Message `SYSMGR-3`

Error Message `SYSMGR-3-BASIC_TRACE: [chars]: PID [dec] with message [chars].`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `SYSMGR-3-CAPABILITY_REDUN_CHANGE: Redundancy mode changed to [chars] due to configuration change.`

Explanation Some configuration changes have occurred causing administrative redundancy mode to change.

Recommended Action No action is required.

Error Message `SYSMGR-3-CFGCTRL_ABORT: signal to abort cfgctrl as super changes to the unstable state`

Explanation When super state changes to unstable, cfgctrl should be terminated

Recommended Action No action is required.

Error Message `SYSMGR-3-CFGERASE_FAILED: Configuration erase failed (error-id [hex]).`

Explanation The requested configuration erase has failed. [dec] is the error-ID representing the failure reason.

Recommended Action No action is required.

Error Message `SYSMGR-3-CFGSNAPSHOT_FAILED: Configuration snapshot failed (error-id [hex]).`

Explanation The requested configuration snapshot has failed. [dec] is the error-id representing the failure reason.

Recommended Action No action is required.

Error Message `SYSMGR-3-CFGWRITE_FAILED: Configuration copy failed (error-id [hex]).`

Explanation The requested configuration copy has failed. [dec] is the error-id representing the failure reason.

Recommended Action No action is required.

Error Message `SYSMGR-3-CFGWRITE_REJECT: Discarding request for configuration [chars]: configuration action already in progress.`

Explanation Another instance of the command 'copy running-config startup-config' is in progress.

Recommended Action Please wait for the other instance to complete.

Error Message `SYSMGR-3-CFGWRITE_SRVCRASHED: Service [chars] crashed with signal ([dec]) while configuration was being saved`

Explanation A required service has crashed while configuration was being saved. The overall configuration copy is considered failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-3-CFGWRITE_SRVFAILED: Service [chars] failed to store its configuration (error-id [hex]).`

Explanation A required service has failed to store its own configuration into the startup-config. The overall configuration copy is considered failed.

Recommended Action Use the 'show process' command to verify that the system is running properly and the service [chars] is behaving correctly. Then try again.

Error Message `SYSMGR-3-CFGWRITE_SRVTERMINATED: Service [chars] terminated with error code ([dec]) while configuration was being saved`

Explanation A required service has terminated while configuration was being saved. The overall configuration copy is considered failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-3-CFGWRITE_SRVTIMEOUT: Service [chars] failed to store its configuration in the timeout period`

Explanation A required service has failed to send a response after receving a request to store its configuration into the startup-config. The overall configuration copy is considered failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-3-CFGWRITE_VDCSRVCRASHED: Service [chars] in vdc [dec] crashed with signal ([dec]) while configuration was being saved`

Explanation A required service has crashed while configuration was being saved. The overall configuration copy is considered failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-3-CFGWRITE_VDCSRVFAILED: Service [chars] in vdc [dec] failed to store its configuration (error-id [hex]).`

Explanation A required service has failed to store its own configuration into the startup-config. The overall configuration copy is considered failed.

Recommended Action Use the 'show process' command to verify that the system is running properly and the service [chars] is behaving correctly. Then try again.

Error Message `SYSMGR-3-CFGWRITE_VDCSRVTERMINATED: Service [chars] in vdc [dec] terminated with error code ([dec]) while configuration was being saved`

Explanation A required service has terminated while configuration was being saved. The overall configuration copy is considered failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-3-CFGWRITE_VDCSRVTIMEOUT: Service [chars] in vdc [dec] failed to store its configuration in the timeout period`

Explanation A required service has failed to send a response after receving a request to store its configuration into the startup-config. The overall configuration copy is considered failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-3-COPY_CORES_FAILED: Copying cores failed ([dec]).`

Explanation Copying cores to the destination failed because of an error specified in the log.

Recommended Action No action is required.

Error Message `SYSMGR-3-COREDUMP_TIMEOUT: Failed to store the core in the specified time. Resetting ....`

Explanation Failed to store the core in the specified time. Resetting ...

Recommended Action No action is required.

Error Message `SYSMGR-3-CORE_CLIENT_INIT_FAILED: Core client will not be started due to some internal error.`

Explanation Core client will not be started due to some internal error.

Recommended Action No action is required.

Error Message `SYSMGR-3-CORE_OP_FAILED: Core operation failed: [chars]`

Explanation Mainly use to display failure on core operation in general

Recommended Action No action is required.

Error Message `SYSMGR-3-CORE_SERVER_INIT_FAILED: Core server will not be started due to some internal error.`

Explanation Core server will not be started due to some internal error.

Recommended Action No action is required.

Error Message `SYSMGR-3-DAEMONIZE_FAILED: Unable to daemonize service [chars]: [chars] ([dec]).`

Explanation A service could not be spawned.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-3-FAILED_PFM_HANDSHAKE: PFM-handshake from service [chars] failed (error-id [hex]).`

Explanation The Platform Manager handshake has failed. The system can't proceed with the initialization.

Recommended Action No action is required.

Error Message `SYSMGR-3-GSYNC_TIMEOUT_FAILED: Failed to set timeout for global sync for an application ([dec]).`

Explanation Failed to set timeout for global sync for an application. This can result in global sync to be stuck forever if application never complete global sync.

Recommended Action No action is required.

Error Message `SYSMGR-3-HEARTBEAT_FAILURE: Service [chars] sent SIGABRT for not setting heartbeat for last [dec] periods. Last heartbeat %.2f secs ago.`

Explanation A service is not setting proper heartbeats to System Manager So it will kill this service and if this service has restartability set to TRUE, the service will restart.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-3-INVALID_BOOT_HANDSHAKE: Boot-scope-handshake received from service [chars], that is in scope [dec] (not the boot scope).`

Explanation A service is trying to take actions that belong to a different class of services.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-3-INVALID_GSYNC_GET: Service [chars] vdc [dec] requesting gsync without setting proper flag in its conf file.`

Explanation Service is requesting global sync without setting proper flag in its conf file.

Recommended Action No action is required.

Error Message `SYSMGR-3-INVALID_PFM_HANDSHAKE: PFM-handshake received from service [chars], that is in scope [dec] (not the boot scope).`

Explanation A service is trying to take actions that belong to the Platform Manager service.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-3-INVALID_TRANSITION: Transition from state [chars] to state [chars] is not allowed.`

Explanation Unexpected transition in the System Manager state machine.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-3-INVALID_UUID: Service [chars] is configured with UUID [hex], but uses UUID [hex].`

Explanation The identity of a service is inconsistent in the image file

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-3-ISSU_BEGIN_FAILED: ISSU cannot proceed (error-id [hex]).`

Explanation This message indicates that some service has blocked the ISSU.

Recommended Action No action is required.

Error Message `SYSMGR-3-LC_IMAGE_UPGRADE_FAILURE: Linecard image upgrade request failed(error-id [hex]).`

Explanation Linecard image upgrade request failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-3-LC_RESET: Resetting linecard`

Explanation Linecard is being reset

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-3-LC_SAVE_STATES_FAILURE: Save states request for the linecard failed(error-id [hex]).`

Explanation Save state request for the linecard failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-3-LC_START_ASYNC_FAILURE: Start async notification request failed(error-id [hex]).`

Explanation Start async notification request for the linecard failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-3-LC_STOP_ASYNC_FAILURE: Stop async notification request failed(error-id [hex]).`

Explanation Stop async notification request for the linecard failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-3-LC_UPG_ERROR: LC ERROR: [chars]`

Explanation Linecard upgrade error message

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-3-MISSING_OPTIONAL_CAPABILITY: Incomplete support for the current running-config on standby supervisor.`

Explanation Loose config incompatibilities exist between active and standby sup. Operational redundancy mode is still set to HA.

Recommended Action No action is required.

Error Message `SYSMGR-3-MODULE_LOCK_FAILED: Failed to lock the local module to avoid reset (error-id [hex]).`

Explanation Locking the local module has failed. Reloading the local module can now result in switchover to fail.

Recommended Action No action is required.

Error Message `SYSMGR-3-ND_UPGD_RECOVERY_SRVFAILED: Service [chars] in vdc [dec] failed in non-disruptive upgrade recovery (error-id [hex]).`

Explanation The non-disruptive upgrade failed because a service could not recover its state.

Recommended Action No action is required.

Error Message `SYSMGR-3-OPERATIONAL_MODE_WARM: Operational redundancy mode set to warm (error-id [hex]).`

Explanation Operational redundancy mode will be set to warm. [dec] is the error-ID representing the reason.

Recommended Action No action is required.

Error Message `SYSMGR-3-PARTIAL_CFGWRITE_FAILED: Partial configuration copy failed (error-id [hex]).`

Explanation The requested configuration copy has failed. [dec] is the error-ID representing the failure reason.

Recommended Action No action is required.

Error Message `SYSMGR-3-PARTIAL_CFGWRITE_VER_MISMATCH: Startup-config version not same as current software version.`

Explanation Startup-config version not same as current software version.

Recommended Action Please do a copy running startup, and try again.

Error Message `SYSMGR-3-RTDBCTRL_SRVFAILURE: Service [chars] responded with a failure`

Explanation A service responded with a failure to the request

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-3-RTDBCTRL_SRVTIMEOUT: Service [chars] failed to respond back to System Manager in the specified timeout period`

Explanation A required service has failed to send a response after receiving a request for the fabric switch upgrade.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-3-SERVICE_TERMINATED: Service [chars] (PID [dec]) has finished with error code [chars] ([dec]).`

Explanation A service has terminated its execution normally. Depending on the value of [dec2] and the HA policies implemented for the service, the service might be restarted automatically.

Recommended Action No action is required.

Error Message SYSMGR-3-SHUTDOWN_OVER: The System Manager is shutting down now.

Explanation This is a legacy message that can be ignored from Cisco MDS SAN-OS release 1.3(4a).

Recommended Action No action is required.

Error Message SYSMGR-3-SHUTDOWN_START: The System Manager has started the shutdown procedure.

Explanation This is a legacy message that can be ignored from Cisco MDS SAN-OS release 1.3(4a).

Recommended Action No action is required.

Error Message SYSMGR-3-STANDBY_VDC_RESTART_FAILURE: vdc [dec] on standby failed to restart. error: [chars] ([hex])

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message SYSMGR-3-SYSMGR_CRASHED: Sysmgr (PID [dec]) [chars]

Explanation Sysmgr has terminated abnormally.

Recommended Action Please use the command 'show process' to verify that sysmgr has been restarted.

Error Message SYSMGR-3-TFTP_CORES_FAILED: TFTPing cores failed ([chars]).

Explanation TFTPing cores to the destination failed because of an error specified in the log.

Recommended Action No action is required.

Error Message SYSMGR-3-UNACCEPTABLE_WAIT: Service [chars], no response from System Manager after [dec] seconds. Terminating.

Explanation A spawned service couldn't handshake with the System Manager and it's about to be terminated.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-UNLINK_RELINK_CONF_FILES_FAILED: [chars] of conf files failed. plugin_id [dec]

Explanation Unlink and/or Relink of configuration files failed.

Recommended Action No action is required.

Error Message `SYSMGR-3-URIFS_APPLY_FAILED: Applying URI filesystem database failed (error-id [hex]).`

Explanation The application of URI filesystem database has failed. [dec] is the error-ID representing the failure reason.

Recommended Action No action is required.

SYSMGR-4

Error Message `SYSMGR-4-CFGWRITE_PARTIALFORCED: Some services are missing; partial configuration write forced.`

Explanation The system is not fully operational, but a configuration copy has been forced. The services that are not running won't save their configuration, and the next time they will restart with a default configuration.

Recommended Action Use the 'show process' command to find out which required services are not running.

Error Message `SYSMGR-4-ON_DEMAND_STOP_UID_KNOWN: On-demand service [chars] stopped by uid ([dec]).`

Explanation The service start type is specified as type on-demand in its configuration file and an external request requested to abort it.

Recommended Action No action is required.

Error Message `SYSMGR-4-ON_DEMAND_STOP: On-demand service [chars] stopped.`

Explanation The service start type is specified as type on-demand in its configuration file and an external request requested to abort it.

Recommended Action No action is required.

Error Message `SYSMGR-4-PARSEWARN_INVALID_CFGFILE: [chars]: unable to find [chars]: [chars] ([dec]).`

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-4-PARSEWARN_RESTART_CNT_TOO_BIG: Service [chars]: [chars] restart count of [dec] too big, needs to be set to [dec].`

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-4-PARSEWARN_VALUE_TOO_SMALL: [chars]: [chars] is too small, replaced with [dec].`

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-4-READCONF_REJECT: Discarding configuration update request: [chars].`

Explanation This is a legacy message that can be ignored from Cisco MDS SAN-OS release 1.3(4a).

Recommended Action No action is required.

Error Message `SYSMGR-4-READCONF_STARTED: Configuration update started (PID [dec]).`

Explanation This is a legacy message that can be ignored from Cisco MDS SAN-OS release 1.3(4a).

Recommended Action No action is required.

Error Message `SYSMGR-4-SRVSCOPE_DELAYED: Waiting for redundancy state; termination delayed for scope [chars].`

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message `SYSMGR-4-UGRP_ALL_COMPLETED: Upgrade completed for all the groups.`

Explanation This is a legacy message that can be ignored from Cisco MDS SAN-OS release 1.3(4a).

Recommended Action No action is required.

SYSMGR-5

Error Message `SYSMGR-5-CFGERASE_DONE: Configuration erase successful.`

Explanation The requested configuration erase has completed successfully.

Recommended Action No action is required.

Error Message `SYSMGR-5-CFGERASE_STARTED: Configuration erase started (PID [dec]).`

Explanation The requested configuration erase has started. [dec] is the Process-ID of the process servicing the request.

Recommended Action No action is required.

Error Message `SYSMGR-5-CFGINIT_STARTED: Initialization of the startup configuration started (PID [dec]).`

Explanation The requested initialization of the startup configuration has started. [dec] is the Process-ID of the process servicing the request.

Recommended Action No action is required.

Error Message `SYSMGR-5-CFGSNAPSHOT_DONE: Configuration snapshot successful.`

Explanation The requested configuration snapshot has completed successfully.

Recommended Action No action is required.

Error Message `SYSMGR-5-CFGSNAPSHOT_STARTED: Configuration snapshot started (PID [dec]).`

Explanation The requested configuration snapshot has started. [dec] is the Process-ID of the process servicing the request.

Recommended Action No action is required.

Error Message `SYSMGR-5-CFGWRITE_DONE: Configuration copy successful.`

Explanation The requested configuration copy has completed successfully.

Recommended Action No action is required.

Error Message `SYSMGR-5-CFGWRITE_STARTED: Configuration copy started (PID [dec]).`

Explanation On the active supervisor, this message indicates that the system has started to service a 'copy running-config startup-config' requested by the user. On the standby supervisor, this message indicates that the system is synchronizing the startup-config from the active supervisor. [dec] is the Process-ID of the process servicing the request.

Recommended Action No action is required.

Error Message `SYSMGR-5-CONVERT_STARTUP_STARTED: Configuration conversion started (PID [dec]).`

Explanation This message indicates that the system has started conversion of startup configuration. This happens either on system boot or during the course of an upgrade.

Recommended Action No action is required.

Error Message `SYSMGR-5-DELETE_BINARY_STARTUP_STARTED: Deletion of binary startup configuration started (PID [dec]).`

Explanation This message indicates that the system will be deleting the binary startup configuration, due to an error in the conversion of the startup conversion.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-5-FSM_STATE_TRANS: System Manager NESTED state transition from [chars] to [chars].`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `SYSMGR-5-HEARTBEAT_LOSS: Service [chars] heartbeat loss [dec] ,max [dec] .`

Explanation Log to indicate loss of HeartBeat from a service.

Recommended Action No action is required.

Error Message `SYSMGR-5-IMPROPER_CLEANUP: Service [chars] exited without replying to switchover request.`

Explanation A conditional service exited without replying to switchover request. This message is for logging purposes only and does not affect the functionality of the system

Recommended Action No action is required.

Error Message `SYSMGR-5-ISSU_ABORT: Notifying services of aborted ISSU (PID [dec]).`

Explanation This message indicates that the ISSU has been aborted and the services have been asked to rollback any changes.

Recommended Action No action is required.

Error Message `SYSMGR-5-ISSU_BEGIN_STARTED: Notifying services of ISSU (PID [dec]).`

Explanation This message indicates that the system has started notifying services for the ISSU. Services can block the upgrade at this point.

Recommended Action No action is required.

Error Message `SYSMGR-5-LC_UPGRADE_REBOOT: Rebooting linecard as a part of upgrade`

Explanation Linecard is being rebooted as a part of upgrade

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-5-LC_UPGRADE_START: Starting linecard upgrade`

Explanation Linecard upgrade is starting

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-5-MODULE_ONLINE: System Manager has received notification of local module becoming online.`

Explanation System Manager has received notification of local module becoming online.

Recommended Action No action is required.

Error Message `SYSMGR-5-PARTIAL_CFGWRITE_ASCII_CONFIG: Startup-config version not present.`

Explanation Startup-config version not present.

Recommended Action Startup-config version is not present. Ascii configuration will be applied.

Error Message `SYSMGR-5-PARTIAL_CFGWRITE_DONE: Partial configuration copy successful.`

Explanation The requested configuration copy has completed successfully.

Recommended Action No action is required.

Error Message `SYSMGR-5-PARTIAL_CFGWRITE_STARTED: Partial configuration copy started by UUID [hex] (PID [dec]).`

Explanation This message is printed only on active supervisor, and indicates that service with mentioned UUID has requested a partial write mem. [dec] is the Process-ID of the process servicing the request.

Recommended Action No action is required.

Error Message `SYSMGR-5-RECOVERY_FAILED: Stateful recovery failed, system manager will now start stateless.`

Explanation Stateful recovery failed, system manager will now restart system and start stateless.

Recommended Action No action is required.

Error Message `SYSMGR-5-RUNTIME_DB_RESTORE_STARTED: Runtime database controller started (PID [dec]).`

Explanation This message indicates that the system has started the restoration of the runtime database. This happens during the non-disruptive fabric switch upgrade.

Recommended Action No action is required.

Error Message `SYSMGR-5-RUNTIME_DB_RESTORE_SUCCESS: Runtime database successfully restored.`

Explanation This message indicates that the runtime database has been successfully restored for the non-disruptive fabric switch upgrade.

Recommended Action No action is required.

Error Message `SYSMGR-5-RUNTIME_DB_SAVE_STARTED: Runtime database save has started (PID [dec]).`

Explanation This message indicates that the system has started the saving of the runtime database. This happens during the non-disruptive fabric switch upgrade.

Recommended Action No action is required.

Error Message `SYSMGR-5-SERVICE_DELETED: Service [chars] has been removed from the System Manager database.`

Explanation This is a legacy message that can be ignored from Cisco MDS SAN-OS release 1.3(4a).

Recommended Action No action is required.

Error Message `SYSMGR-5-STATEFUL_STATE: System Manager is in state [chars] after stateful restart.`

Explanation System Manager has been restarted stateful after an error that resulted in System Manager exiting.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-5-SUBPROC_KILLED: [chars] (PID [dec]) hasn't caught signal [dec][chars]`

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message `SYSMGR-5-SUBPROC_TERMINATED: [chars] (PID [dec]) has finished with error code [chars] ([dec]).`

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message `SYSMGR-5-UGRP_COMPLETED: Upgrade completed for group [dec].`

Explanation This is a legacy message that can be ignored from Cisco MDS SAN-OS release 1.3(4a).

Recommended Action No action is required.

SYSMGR-6

Error Message `SYSMGR-6-ALL_SCOPES_STARTED: System services have completely started at this time.`

Explanation System services have completely started at this time.

Recommended Action No action is required.

Error Message `SYSMGR-6-HANDSHAKE_DONE: Handshake with service [chars] successfully performed.`

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message `SYSMGR-6-HANDSHAKE_VERIFYING_DONE: Handshake verification done from service [chars].`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `SYSMGR-6-LC_UPG_DEBUG: LC DEBUG: [chars]`

Explanation Linecard upgrade debug message

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `SYSMGR-6-RLIMIT_INFO: rlimit of service [chars]([dec]) = %llu`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `SYSMGR-6-SERVICE_STARTED: Service [chars] in vdc [dec] started with PID([dec]).`

Explanation The System Manager is starting a service. This message is for debugging purposes only.

Recommended Action No action is required.

Error Message `SYSMGR-6-SERVICE_SUCCESS_EXIT: Service [chars] (PID [dec]) has successfully exited with exit code [chars] ([dec]).`

Explanation A service has successfully exited its execution.

Recommended Action No action is required.

Error Message `SYSMGR-6-SRVSCOPE_COMPLETED: Completed execution for scope [chars].`

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message `SYSMGR-6-SRVSCOPE_STARTED: Started execution for scope [chars].`

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message `SYSMGR-6-SRVSTATE_CHANGED: State for service [chars] changed from [chars] to [chars] in vdc [dec].`

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message `SYSMGR-6-SRV_ENQUEUED_FOR_START: Conditional service [chars] started by sap [dec] has been enqueued for start.`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `SYSMGR-6-STATE_CHANGED: System Manager state changed from [chars] to [chars] for vdc [dec].`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `SYSMGR-6-SUBPROC_SUCCESS_EXIT: [chars] (PID [dec]) has successfully exited with exit code [chars] ([dec]).`

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message `SYSMGR-6-SUPERSTATE_CHANGED: System Manager super state changed from [chars] to [chars] for vdc [dec].`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `SYSMGR-6-UNEXPECTED_GSYNC_RESTART_STANDBY: Sending a message to restart system on standby on vdc [dec].`

Explanation Activity occurred on active supervisor that is incompatible with state of standby. System will be restarted on standby.

Recommended Action No action is required.

SYSMGR-7

Error Message `SYSMGR-7-CFGWRITE_UNEXPECTEDRSP: Discarding unexpected response from service [chars].`

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message `SYSMGR-7-DUPLICATED_PFM_HANDSHAKE: PFM-handshake received from service [chars], but information already available.`

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message `SYSMGR-7-LIBCDB_FAILURE: Conversion for service [chars] failed in libcdb.`

Explanation This message indicates that either the system could not find conversion tarball or there is no conversion library needed for this service.

Recommended Action No action is required.

Error Message SYSMGR-7-LIBVDB_FAILURE: Conversion for service [chars] failed in libvdb.

Explanation This message indicates that the system could not find package information for this service in the version database.

Recommended Action No action is required.

Error Message SYSMGR-7-ND_UPGD_RECOVERY_SRVSUCCEEDED: Service [chars] recovered its state during non-disruptive upgrade.

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message SYSMGR-7-NO_STARTUP_CONFIG: No startup-config to convert.

Explanation This message indicates that the system tried to convert startup configuration but it found no configuration to convert.

Recommended Action No action is required.

Error Message SYSMGR-7-SWITCHOVER_SRVSUCCEDED: Service [chars] completed its switchover actions.

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message SYSMGR-7-UNEXPECTEDMSG: Opcode [dec] not expected at this time from service [chars] ([chars]).

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message SYSMGR-7-UNKNOWNADDR: Opcode [dec] received from unknown source [chars]. Discarding.

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message SYSMGR-7-UNKNOWNMSG: Unknown opcode [dec] received from [chars].

Explanation The System Manager has received an unrecognized message with the specified opcode. [chars] is the source of the message. This message is for debugging purposes only.

Recommended Action No action is required.

Error Message `SYSMGR-7-UNKNOWNPID: Opcode [dec] received from [chars] with unknown PID [dec]. Discarding.`

Explanation The System Manager has received a message from an unknown process. [chars] is the source of the message. This message is for debugging purposes only.

Recommended Action No action is required.

Error Message `SYSMGR-7-UNKNOWNUUID: Opcode [dec] received from [chars] with unknown UUID [dec]. Discarding.`

Explanation The System Manager has received an unrecognized message from the specified UUID. [chars] is the source of the message. This message is for debugging purposes only.

Recommended Action No action is required.

SYSTEMHEALTH Messages

This section contains the SYSTEMHEALTH messages.

SYSTEMHEALTH-2

Error Message `SYSTEMHEALTH-2-OHMS_BATTERY_FAILED: Battery [dec] failed for module [dec]. Reason: [chars].`

Explanation Battery failed.

Recommended Action No action is required.

Error Message `SYSTEMHEALTH-2-OHMS_BOOTFLASH_FAILED_RESET_DAY: Bootflash hard resets for module [dec] has reached threshold limit in 24 hours.`

Explanation Bootflash hard resets reached threshold limit in 24 hours.

Recommended Action No action is required.

Error Message `SYSTEMHEALTH-2-OHMS_BOOTFLASH_FAILED_RESET_LIFE: Bootflash hard resets for module [dec] has reached the maximum threshold limit.`

Explanation Bootflash hard resets reached maximum threshold limit.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_BOOTFLASH_FAILED: Bootflash test maximum failures reached for module [dec] Reason: ([chars]).

Explanation Bootflash failed.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_CACHE_DISK_FAILED: Cache disk [dec] failed for module [dec].

Explanation Cache disk failed.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_EMGMT_FAILED: Management port failed for module [dec].

Explanation Ethernet management port failed.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_EOBC_FAILED: EOBC test failed for module [dec].

Explanation EOBC test failed for module.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_FIPS_FAILURE: FIPS compliance error during random number generation.

Explanation FIPS compliance error.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_FREE_DISK_FAILED: Free Disk Space on partition [chars] is below threshold for module [dec].

Explanation System Health Free Disk Space below threshold.

Recommended Action Force a switch over if a standby supervisor is available, or reboot the switch to recover

Error Message SYSTEMHEALTH-2-OHMS_INBAND_FAILED: Inband test maximum failures reached for module [dec].

Explanation Inband failed.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_MOD_PORT_LB_TEST_FAILED: Module [dec] Port [dec] has failed loop back tests.

Explanation Port loop-back test failure.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_MOD_RELOAD_REQ: Module [dec] reload being requested due to errors found by [chars] test.

Explanation System Health Module Reload Request.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_MOD_SNAKE_TEST_FAILED: Module [dec] has failed snake loopback tests.

Explanation Snake test failure.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_NVRAM_FAILED: Nvram test maximum failures reached for module [dec] for blocks 0x%llx.

Explanation Nvram failed.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_SUP_CF_CRC_FAILED: Compact Flash firmware CRC checksum on module [dec] is corrupted.

Explanation Compact flash firmware has been corrupted.

Recommended Action Replace the compact flash on this module.

Error Message SYSTEMHEALTH-2-OHMS_SUP_CF_CRC_INIT_ERRORS: Compact Flash firmware CRC checksum procedure encountered an error during initialization on module [dec], reason:([chars]).

Explanation Compact flash CRC checksum initializations failed.

Recommended Action Check the compact flash on the board and any relevant system (mis)configurations.

Error Message SYSTEMHEALTH-2-OHMS_SUP_CF_REFLASH_FAILED: Compact Flash firmware refresh procedure failed, replace the compact flash on module [dec]. Reason [dec]

Explanation Compact flash firmware has been corrupted is corrupted.

Recommended Action Replace the compact flash on this module.

Error Message `SYSTEMHEALTH-2-OHMS_SWITCHOVER_REQ: Supervisor switch over being requested due to errors found [chars] test.`

Explanation System Health Switch Over Request.

Recommended Action No action is required.

Error Message `SYSTEMHEALTH-2-OHMS_SWITCH_RELOAD_REQ: Switch reload request due to errors found [chars] test.`

Explanation System Health Switch Reload Request.

Recommended Action No action is required.

Error Message `SYSTEMHEALTH-2-OHMS_TCAM_PARITY_FAILED: TCAM test failed for module [dec].`

Explanation TCAM test failed for module as uncorrectable parity errors were detected.

Recommended Action Please schedule a downtime and replace the module.

Error Message `SYSTEMHEALTH-2-OHMS_TCAM_PARITY_OFLOW: Too many TCAM Parity errors detected on module [dec]`

Explanation More parity errors than that can be corrected were detected on the affected module

Recommended Action Please schedule a downtime and reload the module. If these errors continue to happen even after module reload, please replace the module

SYSTEMHEALTH-4

Error Message `SYSTEMHEALTH-4-OHMS_BATTERY_ERRORS: Battery test on module [dec] has been suspended due to internal errors.`

Explanation Battery test internal errors.

Recommended Action No action is required.

Error Message `SYSTEMHEALTH-4-OHMS_BOOTFLASH_TEST_ERRORS: Bootflash test cannot proceed due to internal errors on module [dec].`

Explanation Compact flash test internal errors.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_CACHE_DISK_ERRORS: Cache disk test on module [dec] dpp [dec] has been suspended due to internal errors.

Explanation Cache disk test internal errors.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_CF_CRC_PASSED: Compact Flash firmware on module [dec] is healthy at this time.

Explanation The Compact Flash model has data retention issues and need to be replaced.

Recommended Action Please schedule a downtime and replace the compact flash on this module.

Error Message SYSTEMHEALTH-4-OHMS_CF_REFLASH_PASSED: Compact Flash firmware was successfully refreshed on module [dec].

Explanation The Compact Flash model has data retention issues and need to be replaced.

Recommended Action Please schedule a downtime and replace the compact flash on this module.

Error Message SYSTEMHEALTH-4-OHMS_EMGMT_ERRORS: Management port test cannot proceed due to internal errors on module [dec].

Explanation Ethernet management port internal errors.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_EOBC_ERRORS: EOBC test on module [dec] has been suspended due to internal errors.

Explanation EOBC test internal errors.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_EOBC_HALTED: EOBC Test Halted for module [dec]. Module needs EPLD Upgrade

Explanation Module does not have the minimum required EPLD version to run EOBC test.

Recommended Action Please upgrade the module with the latest EPLD's.

Error Message SYSTEMHEALTH-4-OHMS_EXIT: Online System Health exiting due to internal errors. Reason [dec].

Explanation Online System Health exiting due to internal errors.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_FAIL_ACTION_NOTICE: Failure action not taken, failure action is disabled.

Explanation System Health SERDES test failure.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_FREE_DISK_ERRORS: Too many errors on module [dec] while running the Free Disk Space test for partition [chars].

Explanation System Health Free Disk Space test has too many errors while running.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_FREE_DISK_FAILING: Free Disk Space on partition [chars] is starting to go below threshold for module [dec]

Explanation System Health Free Disk Space going below threshold.

Recommended Action Force a switch over if a standby supervisor is available, or reboot the switch to recover

Error Message SYSTEMHEALTH-4-OHMS_INBAND_FAILING1: Inband test failed [dec] times for module [dec].

Explanation Inband Failing.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_INBAND_TEST_ERRORS: Too many errors while running the inband test.

Explanation Inband test has had too many errors while running.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_LC_DAEMON_EXITED: System Health process running on module [dec] exited due to internal errors. Will attempt to restart.

Explanation System Heath line card daemon exited.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_LC_DAEMON_FAILED: System Health process running on module [dec] failed due to fatal errors.

Explanation System Heath line card daemon failed.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_LC_DAEMON_RESTARTED: System Health process running on module [dec] restarted.

Explanation System Heath line card daemon restarted.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_MOD_SNAKE_PATH_FAILURE: Snake Loopback data path failure on module [dec].

Explanation Snake data path only error.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_MOD_SNAKE_TEST_ERRORS: Snake Loopback test cannot proceed due to internal errors for module [dec].

Explanation Snake test internal errors.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_NVRAM_ERRORS: Too many errors on module [dec] while running the Nvram test.

Explanation Nvram test has had too many errors while running.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_SERDES_FAILED: SERDES loopback test on interface fc[dec]/[dec] failed.

Explanation System Health SERDES Test Failure.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_SUP_BOOTFLASH_ERRORS: Bootflash test has encountered an error on module [dec] Reason:([chars]).

Explanation Compact flash test errors on supervisor.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_SUP_CF_CRC_INTERN_ERRORS: Compact flash firmware CRC checksum procedure cannot proceed due to internal errors on module [dec].

Explanation Compact flash firmware CRC checksum procedure ended up in errors.

Recommended Action Try restarting the cf-crc-check using system health clear-errors module <x> cf-crc-check. If the condition still persist, schedule a downtime and replace the compact flash on the affected module.

Error Message `SYSTEMHEALTH-4-OHMS_SUP_CF_CRC_PROCESS_ERRORS: Compact flash firmware CRC checksum procedure failed on module [dec]. Reason [dec]`

Explanation Compact flash firmware CRC checksum procedure failed.

Recommended Action Try restarting the cf-crc-check using system health clear-errors module <x> cf-crc-check. If the condition still persist, schedule a downtime and replace the compact flash on the affected module.

Error Message `SYSTEMHEALTH-4-OHMS_SUP_CF_CRC_TEST_FAILING: Compact flash firmware CRC checksum validation starting to fail on module [dec].`

Explanation Compact flash firmware CRC checksum might be bad on this module.

Recommended Action Schedule a downtime and replace the compact flash on the affected module. Do not attempt any hitless up/downgrades.

Error Message `SYSTEMHEALTH-4-OHMS_SUP_CF_RECALLED: Compact Flash on module [dec] was recalled.`

Explanation The Compact flash model has data retention issues and need to be replaced.

Recommended Action Please schedule a downtime and replace the compact flash on this module.

Error Message `SYSTEMHEALTH-4-OHMS_SUP_CF_REFLASH_INTERN_ERRORS: Compact Flash firmware re-flash procedure cannot proceed due to internal errors on module [dec].`

Explanation Compact flash firmware re-flash procedure ended up in errors.

Recommended Action Try restarting the test using system health clear-errors module <x> cf-re-flash. If the condition still persist, schedule a downtime and replace the compact flash on the affected module.

Error Message `SYSTEMHEALTH-4-OHMS_SUP_CF_REFLASH_TEST_FAILING: Compact flash firmware refresh procedure starting to fail on module [dec].`

Explanation Compact flash might be dead on this module.

Recommended Action Schedule a downtime and replace the compact flash on the affected module. Do not attempt any hitless up/downgrades.

Error Message `SYSTEMHEALTH-4-OHMS_SUP_CF_UNRESPONSIVE: Recalled Compact Flash on module [dec] is unresponsive.`

Explanation The Compact flash model has data retention issues and need to be replaced.

Recommended Action Please schedule a downtime and replace the compact flash on this module.

Error Message `SYSTEMHEALTH-4-OHMS_SVC_DAEMON_FAILED: System Health process running on module [dec] SVC node [dec] exited due to errors.`

Explanation OHMS SVC daemon exited.

Recommended Action No action is required.

Error Message `SYSTEMHEALTH-4-OHMS_TCAM_PARITY_ACL_FIB_TIMEOUT: TCAM test timeout waiting for ACL/FIB to update TCAM on module [dec]`

Explanation System health TCAM test timeout occured while waiting for response from ACL/FIB

Recommended Action If significant packet drops are encountered in the forwarding engine, please schedule a downtime and reload the module

Error Message `SYSTEMHEALTH-4-OHMS_TCAM_PARITY_ACL_FIB_UPDATE_FAILING: Tcam test failed as ACL/FIB failed to update TCAM on module [dec]`

Explanation ACL/FIB failed to update TCAM after soft parity errors were encountered.

Recommended Action If significant packet drops are encountered in the forwarding engine, please schedule a downtime and reload the module

Error Message `SYSTEMHEALTH-4-OHMS_TCAM_PARITY_ERRORS: TCAM test on module [dec] has been suspended due to internal errors.`

Explanation TCAM test internal errors.

Recommended Action No action is required.

SYSTEMHEALTH-5

Error Message `SYSTEMHEALTH-5-OHMS_BATTERY_FAILING: Battery [dec] starting to fail on module [dec]. Reason: [chars].`

Explanation System Health battery failing.

Recommended Action No action is required.

Error Message `SYSTEMHEALTH-5-OHMS_BOOTFLASH_FAILING: Bootflash starting to fail on module [dec].`

Explanation System Health bootflash failing.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-5-OHMS_CDISK_FAILING: Cache disk [dec] starting to fail on module [dec].

Explanation System Health cache disk failing.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-5-OHMS_EMGMT_FAILING: Management port on module [dec] starting to show signs of failures.

Explanation System Health emgmt failing.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-5-OHMS_EOBC_FAILING: EOBC starting to fail on module [dec].

Explanation System Health eobc failing.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-5-OHMS_INBAND_FAILING: Inband starting to fail on module [dec].

Explanation System Health inband failing.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-5-OHMS_NVRAM_FAILING: Nvram starting to fail on module [dec].

Explanation System Health Nvram failing.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-5-OHMS_SUP_CF_ERRORS_CLEARED: Compact flash failing conditions on module [dec] has been cleared.

Explanation Compact flash might be dead on this module.

Recommended Action Schedule a downtime and replace the compact flash on the affected module. Do not attempt any hitless up/downgrades.

Error Message SYSTEMHEALTH-5-OHMS_TCAM_PARITY_CLEARED: Failing conditions for TCAM on module [dec] have been cleared.

Explanation System Health TCAM failures cleared.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-5-OHMS_TCAM_PARITY_FAILING: TCAM starting to fail on module [dec].

Explanation System Health Tcam failing.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-5-OHMS_TEST_FAILING: [chars] test starting to fail on module [dec].

Explanation System Health test failing.

Recommended Action No action is required.

SYSTEMHEALTH-6

Error Message SYSTEMHEALTH-6-OHMS_ASIC_FAILURE_INFO: Module [dec] Asic [chars] instance [dec] probable cause of failure.

Explanation HW failure analysis findings.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_BATTERY_CLEARED: Failing conditions for battery [dec] on module [dec] have been cleared.

Explanation System Health battery failure cleared.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_BOOTFLASH_CLEARED: Failing conditions for bootflash on module [dec] have been cleared.

Explanation System Health bootflash failures cleared.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_CDISK_CLEARED: Failing conditions for cache disk [dec] on module [dec] have been cleared.

Explanation System Health cache disk failure cleared.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_EMGMT_CLEARED: Failing conditions for management port on module [dec] have been cleared.

Explanation System Health emgmt failure cleared.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_EOBC_CLEARED: Failing conditions for EOBC on module [dec] have been cleared.

Explanation System Health eobc failures cleared.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_FAILURE_CLEARED: Failing conditions for test [chars] have been cleared on module [dec].

Explanation System Health failure cleared.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_INBAND_CLEARED: Failing conditions for inband on module [dec] have been cleared.

Explanation System Health inband failures cleared.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_INBAND_DROP: Inband Dropping frames from module [dec] due to unknown reasons.

Explanation System Health Inband non-timeout drop.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_INBAND_TO_ERR: Inband Dropping frames from module [dec] due to timeout errors.

Explanation System Health Inband timeout drop.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_INBAND_TX_CONGESTION: Inband Unable to transmit due to TX path congestion on module [dec].

Explanation System Health Inband TX congestion.

Recommended Action No action is required.

Error Message `SYSTEMHEALTH-6-OHMS_NVRAM_CLEARED: Failing conditions for Nvram on module [dec] have been cleared.`

Explanation System Health Nvram failures cleared.

Recommended Action No action is required.

Error Message `SYSTEMHEALTH-6-OHMS_STARTED: Online System Health started.`

Explanation Online System Health started.

Recommended Action No action is required.

TACACS Messages

This section contains the TACACS messages.

TACACS-2

Error Message `TACACS-2-TACACS_PROGRAM_EXIT: TACACS+ daemon exiting: [chars]`

Explanation TACACS+ daemon is exiting.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

TACACS-6

Error Message `TACACS-3-TACACS_ERROR_MESSAGE: [chars]`

Explanation TACACS+ Error Message

Recommended Action No action is required.

TACACS-5

Error Message `TACACS-5-TACACS_MONITOR_STATUS: [chars] [chars]`

Explanation Notifying Tacacs+ server monitor status change

Recommended Action No action is required.

Error Message `TACACS-5-TACACS_NOTIFICATION: [chars]`

Explanation TACACS+ notification

Recommended Action No action is required.

Error Message `TACACS-5-TACACS_SERVER_STATUS: [chars] server [chars] with auth-port [dec] and acct-port [dec] status has changed from [chars] to [chars]. Server was in previous-state for [chars], and total dead time of the server is [chars]`

Explanation Notifying Tacacs+ server status change

Recommended Action No action is required.

TACACS-6

Error Message `TACACS-6-TACACS_ACCOUNTING_MESSAGE: [chars]`

Explanation Accounting Message

Recommended Action No action is required.

Error Message `TACACS-6-TACACS_MESSAGE: [chars]`

Explanation TACACS+ Message

Recommended Action No action is required.

TBIRD_CMN_USD Messages

This section contains the TBIRD_CMN_USD messages.

TBIRD_CMN_USD-6

Error Message `TBIRD_CMN_USD-6-TBIRD_CMN_DEBUG_MSG: [chars]`

Explanation Debug log message

Recommended Action No action is required.

TBIRD_FWD_USD Messages

This section contains the TBIRD_FWD_USD messages.

TBIRD_FWD_USD-6

Error Message `TBIRD_FWD_USD-6-TBIRD_FWD_DEBUG_MSG: [chars]`

Explanation Debug log message

Recommended Action No action is required.

TBIRD_MAC_USD Messages

This section contains the TBIRD_MAC_USD messages.

TBIRD_MAC_USD-6

Error Message `TBIRD_MAC_USD-6-FCMAC_DEBUG_MSG: [chars]`

Explanation Debug log message

Recommended Action No action is required.

TBIRD_QUE_USD Messages

This section contains the TBIRD_QUE_USD messages.

TBIRD_QUE_USD-6

Error Message `TBIRD_QUE_USD-6-TBIRD_QUE_DEBUG_MSG: [chars]`

Explanation Debug log message

Recommended Action No action is required.

TBIRD_XBAR_USD Messages

This section contains the TBIRD_XBAR_USD messages.

TBIRD_XBAR_USD-6

Error Message `TBIRD_XBAR_USD-6-TBIRD_XBAR_DEBUG_MSG: [chars]`

Explanation Debug log message

Recommended Action No action is required.

TCAP Messages

This section contains the TCAP messages.

TCAP-2

Error Message `TCAP-2-MEM_FULL: Memory allocation failed.`

Explanation TCAP process has failed to allocate memory.

Recommended Action Please perform a 'show tcap event-history' to collect more information.

Error Message `TCAP-2-PROC_DN: Process is shutting down: [chars]`

Explanation TCAP process is exiting.

Recommended Action Please perform a 'show tcap event-history' to collect more information.

Error Message `TCAP-2-PROC_INITFAIL: Process initialization failed due to [chars].`

Explanation TCAP process has failed initialization.

Recommended Action Please perform a 'show tcap event-history' to collect more information.

TLPORT Messages

This section contains the TLPORT messages.

TLPORT-2

Error Message `TLPORT-2-INITFAIL: TL Port Manager Initialization failed: [chars]`

Explanation TL Port Manager initialization failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

TLPORT-3

Error Message `TLPORT-3-ALLOCFAIL: Heap Memory allocation failed: [chars]`

Explanation TL Port Manager is out of dynamic memory. [chars] specifies the context where the failure occured.

Recommended Action No action is required.

Error Message `TLPORT-3-FC2ERROR: [chars]`

Explanation TL Port Manager encountered an FC2 error. [chars] specifies the context where the error occured.

Recommended Action No action is required.

Error Message `TLPORT-3-GENERROR: [chars]`

Explanation TL Port Manager encountered a general error, one that does not fall in any of the above categories. [chars] describes the error and its context.

Recommended Action No action is required.

Error Message `TLPORT-3-MTSERROR: [chars]`

Explanation TL Port Manager encountered an MTS error. [chars] specifies the context where the error occured.

Recommended Action No action is required.

Error Message `TLPORT-3-PSSERROR: [chars]`

Explanation TL Port Manager encountered a PSS error. [chars] specifies the context where the failure occured.

Recommended Action No action is required.

TLPORT-4

Error Message `TLPORT-4-TLPM_ALPA_CACHE_FULL: Translation Port ALPA cache is full. Some new entries may not be cached`

Explanation TL Port cache is currently fully populated with active entries. Hence, there is no available cache space to be assigned any newly created alpa entry on a TL Port. This is an informational message.

Recommended Action No action is required.

TLPORT-6

Error Message `TLPORT-6-MGRCREATED: Translation Port Manager created.`

Explanation TL Port Manager was created successfully and is up and running. This is an informational message.

Recommended Action No action is required.

Error Message `TLPORT-6-MGREXIT: Translation Port Manager shutting down gracefully.`

Explanation TL Port Manager is shutting down gracefully. This is an informational message.

Recommended Action No action is required.

Error Message `TLPORT-6-PORTDOWN: Translation Port [chars] DOWN.`

Explanation A port configured as TL Port is DOWN and out of operation. [chars] is the interface-id string that identifies the TL Port. This is an informational message.

Recommended Action No action is required.

Error Message `TLPORT-6-PORTUP: Translation Port [chars] UP.`

Explanation A port configured as TL Port is UP and operational. [chars] is the interface-id string that identifies the TL Port. This is an informational message.

Recommended Action No action is required.

TPC Messages

This section contains the TPC messages.

TPC-SLOT#-5

Error Message `TPC-SLOT#-5-LOG_ERR_TPC_DPP_DEAD: VSAN :[dec] VT pWWN :[chars] DPP died`

Explanation The DPP associated with the Virtual Target has crashed

Recommended Action No action is required.

Error Message `TPC-SLOT#-5-LOG_ERR_TPC_VT_ACT_FAILED: VSAN :[dec] VT pWWN :[chars] VT Activate failed`

Explanation The activate step for a Virtual Target has failed

Recommended Action No action is required.

Error Message `TPC-SLOT#-5-LOG_ERR_TPC_VT_CREATE_FAIL: VSAN :[dec] VT pWWN :[chars] VT and NPort creation FAILED !!!`

Explanation The Virtual Target and nport creation failed

Recommended Action No action is required.

Error Message `TPC-SLOT#-5-LOG_ERR_TPC_VT_DESTROYED: VSAN :[dec] Virtual Target : [chars] Deleted`

Explanation The Virtual Target in the associated VSAN is being destroyed

Recommended Action No action is required.

Error Message `TPC-SLOT#-5-LOG_ERR_TPC_VT_VSAN_DOWN: VSAN :[dec] VT pWWN :[chars] VSAN down`

Explanation The VSAN where the Virtual Target is configured is down

Recommended Action No action is required.

TTYD Messages

This section contains the TTYD messages.

TTYD-2

Error Message `TTYD-2-TTYD_ERROR: TTYD Error [chars]`

Explanation Critical TTY daemon error.

Recommended Action No action is required.

Error Message `TTYD-2-TTYD_MTS: TTYD Message queue [dec] [chars]`

Explanation TTY daemon message error.

Recommended Action No action is required.

Error Message `TTYD-2-TTYD_SDWRAP: TTYD Debug Facility error [dec] [chars]`

Explanation TTY daemon Debug Facility failed.

Recommended Action No action is required.

TTYD-3

Error Message `TTYD-3-TTYD_MISC_ERROR: Error [chars] with error [chars]([hex])`

Explanation TTY daemon errors.

Recommended Action No action is required.

TTYD-6

Error Message `TTYD-6-TTYD_MISC: TTYD [chars]`

Explanation The tty daemon miscellaneous message.

Recommended Action No action is required.

Error Message `TTYD-6-TTYD_PSS: TTYD Store error:[hex] [chars]`

Explanation Failed to store configuration for TTY service.

Recommended Action No action is required.

TUNNEL Messages

This section contains the TUNNEL messages.

TUNNEL-2

Error Message `TUNNEL-2-FEATURE_ENABLE_FAILED: failed to enable feature tunnel, reason [chars] ([hex])`

Explanation Failed to enable feature tunnel, reason [char] ([int])

Recommended Action Check the failure reason and take appropriate action to fix the failure. if unable to fix, please capture show tech-support tunnel

TUNNEL-3

Error Message `TUNNEL-3-HW_PROGRAMMING_FAILED: for [chars], reason [chars]`

Explanation Hardware programming failed for tunnel [num] interface

Recommended Action Try 'shutdown' and 'no shutdown' under tunnel interface submode after sometime. if still tunnel interface doesn't come up capture show tech-support tunnel to identify the issue

TUNNEL-4

Error Message `TUNNEL-4-TM_DF_PROGRAMMING_FAILED: [chars] DF(dont fragment) programming failed! status [hex]`

Explanation [chars] DF programming failed! status [int]

Recommended Action Capture show tech-support tunnel to identify why df flag programing failed

Error Message `TUNNEL-4-TM_DF_PROGRAMMING: Programming [chars] DF(dont fragment) df.sel [dec] df.val [dec]`

Explanation Programming [chars] DF df.sel [int] df.val [int]

Recommended Action No action is required.

Error Message `TUNNEL-4-TM_MTU_PROGRAMMING_FAILED: [chars] mtu [dec] programming failed! status [hex]`

Explanation [chars] mtu [int] programming failed! status [int]

Recommended Action Capture show tech-support tunnel to identify why MTU programming as failed. tunnel interface will used default mtu value

Error Message `TUNNEL-4-TM_MTU_PROGRAMMING: Programming [chars] mtu [dec]...`

Explanation Programming [chars] mtu [int]

Recommended Action No action is required.

TUNNEL-5

Error Message `TUNNEL-5-IF_CLEAR_COUNTER: Interface [chars] counters is cleared`

Explanation Interface [char] counters is cleared

Recommended Action No action is required.

Error Message `TUNNEL-5-IF_CREATED: Interface [chars] is created`

Explanation Interface [char] is created

Recommended Action No action is required.

Error Message `TUNNEL-5-IF_CREATE_FAILED: Interface [chars] creation failed due to [[hex]] [chars]`

Explanation Interface [char] is creation failed due to [int] [char]

Recommended Action No action is required.

Error Message `TUNNEL-5-IF_DELETED: Interface [chars] is deleted`

Explanation Interface [char] is deleted

Recommended Action No action is required.

Error Message `TUNNEL-5-IF_STATE_UPDATE: Interface [chars] is [chars] reason [chars]`

Explanation Interface [char] is [char] reason [char]

Recommended Action No action is required.

Error Message `TUNNEL-5-PPF_SESSION_FAILED: session id %llx type [chars] for [chars] failed error [hex] [chars]`

Explanation Session id [int] type [char] for [char] failed error [int] [char]

Recommended Action No action is required.

Error Message `TUNNEL-5-TM_DISABLED: Tunnel Disabled`

Explanation Tunnel Service Disabled

Recommended Action No action is required.

Error Message `TUNNEL-5-TM_ENABLED: Tunnel Enabled`

Explanation Tunnel Service Enabled

Recommended Action No action is required.

TUNNEL-7

Error Message `TUNNEL-7-TM_INFO: [chars]`

Explanation Tunnel Service info

Recommended Action No action is required.

UDLD Messages

This section contains the UDLD messages.

UDLD-3

Error Message `UDLD-3-IDB_ERROR: UDLD error handling [chars] interface: [chars]`

Explanation A softare error occurred in UDLD processing associated with a specific interface.

Recommended Action LOG_STD_SH_TECH_ACTION

Error Message `UDLD-3-MSG_SEND_FAILURE: failed to send [chars] to sap [dec]: [chars]`

Explanation Failed to send a message

Recommended Action LOG_STD_SH_TECH_ACTION

Error Message `UDLD-3-UDLD_INTERNAL_ERROR: UDLD internal error: [chars]`

Explanation A softare sanity check failed in the course of UDLD processing.

Recommended Action LOG_STD_SH_TECH_ACTION

Error Message `UDLD-3-UDLD_INTERNAL_IF_ERROR: UDLD internal error, interface [chars]: [chars]`

Explanation A softare sanity check failed in the course of UDLD processing.

Recommended Action LOG_STD_SH_TECH_ACTION

UDLD-4

Error Message `UDLD-4-UDLD_GWRAP_COUNT: UDLD gwrap count is %lu, please log a 'show tech udld' for detail info.`

Explanation UDLD gwrap count reached high level, show tech udld is needed to debug it.

Recommended Action LOG_STD_SH_TECH_ACTION

Error Message `UDLD-4-UDLD_NEIGHBOR_MISMATCH: UDLD neighbor mismatch detected, exp: [chars], rec [chars]`

Explanation An interface will be disabled because UDLD protocol detected a nieghbor mismatch condition on the interface indicated. Cause is likely due to bad interface hardware or cable misconfiguration. User should investigate.

Recommended Action LOG_STD_SH_TECH_ACTION

Error Message `UDLD-4-UDLD_PORT_DISABLED: UDLD disabled interface [chars], [chars] detected`

Explanation An interface was disabled because UDLD protocol detected the cause on the interface indicated. Cause is likely due to bad interface hardware or cable misconfiguration. User should investigate.

Recommended Action LOG_STD_SH_TECH_ACTION

Error Message `UDLD-4-UDLD_PORT_RESET: UDLD reset interface [chars]`

Explanation A port which had been disabled for UDLD has been reset.

Recommended Action LOG_STD_SH_TECH_ACTION

UDLD-5

Error Message `UDLD-5-UDLD_AGGRESSIVE: UDLD Aggressive`

Explanation UDLD Service Aggressive

Recommended Action No action is required.

Error Message `UDLD-5-UDLD_DISABLED: UDLD Disabled`

Explanation UDLD Service Disabled

Recommended Action No action is required.

Error Message `UDLD-5-UDLD_ENABLED: UDLD Enabled`

Explanation UDLD Service Enabled

Recommended Action No action is required.

UFDM Messages

This section contains the UFDM messages.

UFDM-2

Error Message `UFDM-2-DNLD_TIMEDOUT: Download timer expired: [chars]`

Explanation UFDM download timer expired. Collect show tech-support forwarding l3 unicast for futher analysis.

Recommended Action No action is required.

Error Message `UFDM-2-FIB_ROUTE_UPDATE_ERR: Route update error from slot [dec] FIB`

Explanation FIB returned route update error. Collect show tech-support forwarding l3 unicast for futher analysis.

Recommended Action No action is required.

Error Message `UFDM-2-INTERNAL_ERROR: Internal error: [chars], collect output of show tech-support fowarding l3 unicast... command`

Explanation UFDM hit a internal error. Collect show tech-support forwarding l3 unicast for futher analysis.

Recommended Action No action is required.

VDC_MGR Messages

This section contains the VDC_MGR messages.

VDC_MGR-2

Error Message `VDC_MGR-2-VDC_CRITICAL: vdc_mgr has hit a critical error: [chars]`

Explanation Vdc_mgr has hit a critical error

Recommended Action A critical error has been hit within vdc_mgr. Please check show vdc to determine the state of the vdcs

Error Message `VDC_MGR-2-VDC_LIC_WARN_EXP: WARNING License for vdcs is about to expire! VDCs will be deleted if license is allowed to expire`

Explanation VDC license is close to expire

Recommended Action Please contact your sales representative to obtain a license

Error Message `VDC_MGR-2-VDC_LIC_WARN: Service using grace period will be shutdown in [dec] day(s)`

Explanation The license for vdcs is not installed and currently running in the grace period

Recommended Action Vdcs will continue to work within the grace period, but obtaining a license is reccomended

Error Message `VDC_MGR-2-VDC_OFFLINE: vdc [dec] is now offline`

Explanation The vdcd has been shut down. Either it has been deleted or has just completed ungraceful cleanup

Recommended Action If the vdc was deleted, no action is necessary. Otherwise vdc_mgr may attempt to recreate it according to the ha-policy that has been set

Error Message `VDC_MGR-2-VDC_ONLINE: vdc [dec] has come online`

Explanation Vdc_mgr has finished creating a vdc and it is ready to use

Recommended Action No action is required.

Error Message `VDC_MGR-2-VDC_UNGRACEFUL: vdc_mgr: Ungraceful cleanup request recieved for vdc [dec], restart count for this vdc is [dec]`

Explanation Vdc_mgr has begun ungraceful cleanup for a vdc

Recommended Action There has been a failure within the vdc and vdc_mgr has begun the cleanup process. Use show vdc to determine its state

VDC_MGR-3

Error Message `VDC_MGR-3-VDC_ERROR: vdc_mgr: [chars]`

Explanation Vdc_mgr has recieved bad data but will try to continue

Recommended Action Vdc_mgr will attempt to correct the error at hand

VDC_MGR-6

Error Message `VDC_MGR-6-VDC_HOSTNAME_CHANGE: vdc [dec] hostname changed to [chars]`

Explanation Host name for a vdc has changed.

Recommended Action No action is required.

Error Message `VDC_MGR-6-VDC_STATE_CHANGE: vdc [dec] state changed to [chars]`

Explanation A vdc state change has happened. This is most likely due to a configuration change.

Recommended Action No action is required.

VEC Messages

This section contains the VEC messages.

VEC-SLOT#-3

Error Message `VEC-SLOT#-3-LOG_DPP_EXCEPTION: DPP Exception DPP [dec]`

Explanation No action is required.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `VEC-SLOT#-3-LOG_GUID_MISMATCH: GUID Mismatch DPP [dec] PWWN [chars] lun [chars] Expected [chars] Read [chars]`

Explanation The disk GUID verification performed by the DPP failed. Access to the disk is denied.

Recommended Action No action is required.

VEC-SLOT#-4

Error Message `VEC-SLOT#-4-LOG_DPP_REBOOTED: DPP [dec] Rebooted`

Explanation No action is required.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

VEC-SLOT#-5

Error Message `VEC-SLOT#-5-LOG_ERR_VEC_DISK: SCSI STATUS([hex]) [chars] SENSE_KEY([hex]) [chars] ASC([hex]) ASCQ([hex]) [chars]`

Explanation No action is required.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `VEC-SLOT#-5-LOG_ERR_VEC_DPP_MON_FSM: Illegal Event [chars] in State [chars] FSM [chars]`

Explanation An Event is received for a State in the VEC DPP Monitor FSM which should not have occured

Recommended Action No action is required.

Error Message `VEC-SLOT#-5-LOG_ERR_VEC_DPRLI_FSM: Illegal Event [chars] in State [chars] FSM [chars]`

Explanation An Event is received for a State in the VEC DPRLI FSM which should not have occured

Recommended Action No action is required.

Error Message `VEC-SLOT#-5-LOG_ERR_VEC_GID_FSM: Illegal Event [chars] in State [chars] FSM [chars]`

Explanation An Event is received for a State in the VEC Guid ID FSM which should not have occured

Recommended Action No action is required.

Error Message `VEC-SLOT#-5-LOG_ERR_VEC_HOST_LMAP_FSM: Illegal Event [chars] in State [chars] Host VSAN :[dec] Host pWWN :[chars] VEP pWWN :[chars]`

Explanation An Event is received for a State in the VEC HOST LMAP XP FSM which should not have occured

Recommended Action No action is required.

Error Message `VEC-SLOT#-5-LOG_ERR_VEC_HOST_LOGO: Logging out Host [VSAN :[dec] pWWN :[chars]] logged in to VEP [pWWN :[chars]]. Reason : Host not responding`

Explanation The Host HBA is logged out from the VEP as it is not responding to ADISCs initiated from the VEP

Recommended Action No action is required.

Error Message `VEC-SLOT#-5-LOG_ERR_VEC_HOST_XP_FSM: Illegal Event [chars] in State [chars] Host VSAN :[dec] Host pWWN :[chars] VEP pWWN :[chars]`

Explanation An Event is received for a State in the VEC HOST XP FSM which should not have occured

Recommended Action No action is required.

Error Message `VEC-SLOT#-5-LOG_ERR_VEC_HOST: Host VSAN :[dec] Host pWWN :[chars] access denied to VEP pWWN :[chars] due to licensing`

Explanation The Host HBA is denied access to the VEP due to licensing

Recommended Action No action is required.

Error Message `VEC-SLOT#-5-LOG_ERR_VEC_NPORT_FSM: Illegal Event [chars] in State [chars] FSM [chars]`

Explanation An Event is received for a State in the VEC NPORT FSM which should not have occured

Recommended Action No action is required.

Error Message `VEC-SLOT#-5-LOG_ERR_VEC_PID_FSM: Illegal Event [chars] in State [chars] FSM [chars]`

Explanation An Event is received for a State in the VEC PID FSM which should not have occured

Recommended Action No action is required.

Error Message `VEC-SLOT#-5-LOG_ERR_VEC_TARGET_FSM: Illegal Event [chars] in State [chars] FSM [chars]`

Explanation An Event is received for a State in the VEC TARGET FSM which should not have occured

Recommended Action No action is required.

Error Message `VEC-SLOT#-5-LOG_ERR_VEC_TCAM_MON_FSM: Illegal Event [chars] in State [chars] DPP :[dec]`

Explanation An Event is received for a State in the VEC TCAM MON FSM which should not have occured

Recommended Action No action is required.

Error Message `VEC-SLOT#-5-LOG_ERR_VEC_TP_FSM: Illegal Event [chars] in State [chars] Host VSAN :[dec] TP nWWN :[chars] TP pWWN :[chars]`

Explanation An Event is received for a State in the VEC TP FSM which should not have occured

Recommended Action No action is required.

Error Message `VEC-SLOT#-5-LOG_ERR_VEC_VEP_FSM: Illegal Event [chars] in State [chars] Host VSAN :[dec] VEP nWWN :[chars] VEP pWWN :[chars]`

Explanation An Event is received for a State in the VEC VEP FSM which should not have occured

Recommended Action No action is required.

Error Message `VEC-SLOT#-5-LOG_ERR_VEC_VEP_ILC_LIMIT: VEP [VSAN :[dec] pWWN :[chars]] could not be created. Reason : ILC VEP limit [dec] reached`

Explanation The VEP could not be created as the per ILC limit of VEPs has been reached

Recommended Action No action is required.

Error Message `VEC-SLOT#-5-LOG_ERR_VEC_VLUN_FSM: Illegal Event [chars] in State [chars] FSM [chars]`

Explanation An Event is received for a State in the VEC VLUN FSM which should not have occured

Recommended Action No action is required.

Error Message `VEC-SLOT#-5-LOG_ERR_VEC_VO_FSM: Illegal Event [chars] in State [chars] FSM [chars]`

Explanation An Event is received for a State in the VEC VO FSM which should not have occured

Recommended Action No action is required.

Error Message `VEC-SLOT#-5-LOG_ERR_VEC_VSAN_FSM: Illegal Event [chars] in State [chars] VSAN [dec]`

Explanation An Event is received for a State in the VEC VSAN FSM which should not have occured

Recommended Action No action is required.

Error Message `VEC-SLOT#-5-LOG_ERR_VEC_VSAN_XCHG_FSM: Illegal Event [chars] in State [chars] VES IP Addr [chars]`

Explanation An Event is received for a State in the VEC VSAN XCHG FSM which should not have occured

Recommended Action No action is required.

Error Message `VEC-SLOT#-5-LOG_NOTICE_VEC_SLEEP_THRESH: VEC not scheduled for [dec] seconds`

Explanation The VEC process sleep threshold was exceeded which should not have occured. Recovery will be preformed if appropriate.

Recommended Action No action is required.

Error Message `VEC-SLOT#-5-LOG_NOTICE_VEC_WORK_THRESH: VEC did not yeild the cpu for [dec] seconds`

Explanation The VEC process work threshold was exceeded which should not have occured. Recovery will be preformed if appropriate.

Recommended Action No action is required.

VEDB_MGR Messages

This section contains the VEDB_MGR messages.

VEDB_MGR-2

Error Message `VEDB_MGR-2-MALLOC_ERROR: Size [dec] bytes`

Explanation The VEDB library could not allocate memory.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

VEDB_MGR-6

Error Message `VEDB_MGR-6-EXITING: Exited due to [chars]`

Explanation The VEDB library has exited due to [char]. The process has probably been restarted automatically.

Recommended Action No action is required.

Error Message `VEDB_MGR-6-SERVICE_UP: Initialized [chars]`

Explanation The VEDB library is up and ready to accept client requests The service was initialized in [char] mode.

Recommended Action No action is required.

VEM_MGR Messages

This section contains the VEM_MGR messages.

VEM_MGR-2

Error Message `VEM_MGR-2-MOD_OFFLINE: Module [dec] is offline`

Explanation VEM module is offline

Recommended Action No action is required.

Error Message `VEM_MGR-2-MOD_ONLINE: Module [dec] is online`

Explanation VEM module is online

Recommended Action No action is required.

Error Message `VEM_MGR-2-PFM_VERSION_FILE_MISSING: The version file in [chars] could not be opened`

Explanation The version file could not be opened

Recommended Action No action is required.

Error Message `VEM_MGR-2-VEM_MGR_DEFAULT_LICENSES_DEPLETED: License for VEM [dec] could not be obtained. Please visit http://wwwin-tools-stage.cisco.com/SWIFT/SLT/viewSltHome.do to purchase licenses`

Explanation Only 4 VEMs can be licensed for a period of 90 days with default Licenses

Recommended Action Please contact your sales representative to obtain a license

Error Message `VEM_MGR-2-VEM_MGR_DENY_ROLLING: Module [dec] cannot be inserted because system is in rolling upgrade mode`

Explanation In rolling upgrade only the hosts with the same version as VSM can get inserted

Recommended Action You can see the host/module status in 'show module' command. In the configuration mode please change the upgrade mode to normal by 'upgrade mode normal' command or upgrade the host to the same version as VSM.

Error Message `VEM_MGR-2-VEM_MGR_DENY: Host [chars] cannot be inserted because all vem slots are in use`

Explanation All vem slots have been allocated to hosts and a new host has been added to the DVS

Recommended Action You can see the host/module mappings using the 'show module vem mapping' command. In the configuration mode please remove any unused hosts using the 'no vem <module>' command to free up vem slots.

Error Message `VEM_MGR-2-VEM_MGR_DETECTED: Host [chars] detected as module [dec]`

Explanation VEM detected as a module

Recommended Action No action is required.

Error Message `VEM_MGR-2-VEM_MGR_EVAL_LICENSES_EXPIRED: Evaluation licenses have expired. Please contact your Cisco account team or partner to purchase Licenses. To activate your purchased licenses, click on www.cisco.com/go/license.`

Explanation Evaluation licenses expire 60 days after install

Recommended Action Please contact your sales representative to obtain a license

Error Message `VEM_MGR-2-VEM_MGR_EVAL_LICENSES_EXPIRY_WARN: Evaluation licenses will expire in [dec] days. Please contact your Cisco account team or partner to purchase Licenses. To activate your purchased licenses, click on www.cisco.com/go/license.`

Explanation Evaluation licenses expire 60 days after install

Recommended Action Please contact your sales representative to obtain a license

Error Message `VEM_MGR-2-VEM_MGR_LIC_WARN_EXP: WARNING License for VEMs is about to expire in [dec] days! The VEMs' VNICS will be brought down if license is allowed to expire. Please contact your Cisco account team or partner to purchase Licenses. To activate your purchased licenses, click on www.cisco.com/go/license.`

Explanation VEM license is close to expire

Recommended Action Please contact your sales representative to obtain a license

Error Message `VEM_MGR-2-VEM_MGR_NOT_BC: Module [dec] cannot be inserted because it is not backward compatible`

Explanation Only modules with version compatible to VSM version and equal greater than the current feature level can get inserted.

Recommended Action You can see the host/module status in 'show module' command. Upgrade the module to a compatible version.

Error Message `VEM_MGR-2-VEM_MGR_REMOVE_MOD_FAIL: Removing VEM [dec] (failed module)`

Explanation Removing VEM because module failed

Recommended Action No action is required.

Error Message `VEM_MGR-2-VEM_MGR_REMOVE_NO_HB: Removing VEM [dec] (heartbeats lost)`

Explanation Removing VEM because heartbeats lost

Recommended Action No action is required.

Error Message `VEM_MGR-2-VEM_MGR_REMOVE_RESET: Removing VEM [dec] (VEM reset)`

Explanation Removing VEM because of reset request

Recommended Action No action is required.

Error Message `VEM_MGR-2-VEM_MGR_REMOVE_TX_ERR: Removing VEM [dec] (transmit timeout - [chars])`

Explanation Removing VEM because of transmit timeout

Recommended Action You can collect information about the transmit timeout using command 'show hardware internal aipc event-history msgs'. The event logged will be E_AIPC_TXTIMEOUT.

Error Message `VEM_MGR-2-VEM_MGR_UNLICENSED: License for VEM [dec] could not be obtained. Please contact your Cisco account team or partner to purchase Licenses. To activate your purchased licenses, click on www.cisco.com/go/license.`

Explanation VEM License could not be obtained

Recommended Action Please contact your sales representative to obtain a license

VEM_MGR-5

Error Message `VEM_MGR-5-VEM_MGR_DEFAULT_LIC_USAGE: Default License checked out by VEM [dec]`

Explanation Default Licenses are being used

Recommended Action No action is required.

VES Messages

This section contains the VES messages.

VES-SLOT#-4

Error Message `VES-SLOT#-4-LOG_WARNING_VES_CONFIG_TOO_BIG: Volume [chars] configuration too large to virtualize`

Explanation The VES maximum volume configuration was exceeded. Volume will be virtualized by the cpp.

Recommended Action No action is required.

VES-SLOT#-5

Error Message `VES-SLOT#-5-LOG_ERR_VES_PATH_FSM: disk guids dont match - received verify_mismatch for pid [dec] from vec [dec]`

Explanation An VERIFY MISMATCH Event is received for a State in the VES PATH FSM which should not have occured

Recommended Action No action is required.

Error Message `VES-SLOT#-5-LOG_ERR_VES_VEP_FSM: Illegal Event [chars] in State [chars] Host VSAN :[dec] VEP pWWN :[chars]`

Explanation An Event is received for a State in the VES VEP FSM which should not have occured

Recommended Action No action is required.

Error Message `VES-SLOT#-5-LOG_ERR_VES_VSAN_FSM: Illegal Event [chars] in State [chars] VSAN [dec]`

Explanation An Event is received for a State in the VES VSAN FSM which should not have occured

Recommended Action No action is required.

Error Message `VES-SLOT#-5-LOG_ERR_VES_VSAN_XCHG_FSM: Illegal Event [chars] in State [chars] VEC IP Addr [chars]`

Explanation An Event is received for a State in the VES VSAN XCHG FSM which should not have occured

Recommended Action No action is required.

Error Message `VES-SLOT#-5-LOG_NOTICE_VES_SLEEP_THRESH: VES not scheduled for [dec] seconds`

Explanation The VES process sleep threshold was exceeded which should not have occured. Recovery will be preformed if appropriate.

Recommended Action No action is required.

Error Message `VES-SLOT#-5-LOG_NOTICE_VES_WORK_THRESH: VES did not yeild the cpu for [dec] seconds`

Explanation The VES process work threshold was exceeded which should not have occured. Recovery will be preformed if appropriate.

Recommended Action No action is required.

VFC Messages

This section contains the VFC messages.

VFC-3

Error Message `VFC-3-VFC_MEM_ERROR: Memory consistency problem`

Explanation Miscellaneous target error

Recommended Action No action is required.

Error Message `VFC-3-VFC_TGT_ERROR: Target error:[chars] 0x%llx`

Explanation Miscellaneous target error

Recommended Action No action is required.

VFC-6

Error Message `VFC-6-STARTING: deamon started`

Explanation The VFC daemon successfully started

Recommended Action No action is required.

VIM Messages

This section contains the VIM messages.

VIM-3

Error Message `VIM-3-VIM_INTERNAL_ERROR: VIM internal error: [chars]`

Explanation Internal error is encountered

Recommended Action No action is required.

VIM-4

Error Message `VIM-4-NIV_PEER_TIMEOUT: Adapter-fex connected to interface [chars] failed to respond to [chars] message with msg id [dec]`

Explanation Adapter-fex is not responding to the message requested from the switch for more than 2 minutes

Recommended Action Check the state of the adapter-fex and verify it is running properly

Error Message `VIM-4-NIV_TEARDOWN_TIMEOUT: System is busy and failed bringdown during [chars] for [chars]`

Explanation Timeout occured during bringdown

Recommended Action No action is required.

Error Message `VIM-4-NIV_VETH_ERROR: Bringup of [chars] has encountered an error due to [chars]`

Explanation During bringup of Veth, an internal software error occured

Recommended Action Remove the Veth interface, or flap the interface bound to the Veth

VIM-5

Error Message `VIM-5-IF_ATTACHED: Interface [chars] is attached to [chars] on [chars]`

Explanation Interface has been attached

Recommended Action No action is required.

Error Message `VIM-5-IF_DELETE_AUTO: Interface [chars] has been auto deleted`

Explanation Interface has been auto deleted as it is no longer in use

Recommended Action No action is required.

Error Message `VIM-5-IF_DELETE_CONFLICT: Interface [chars] conflicts with another interface on the peer vPC switch`

Explanation Interface has been deleted

Recommended Action No action is required.

Error Message `VIM-5-IF_DELETE_USER: Interface [chars] has been manually deleted`

Explanation Interface has been manually deleted by the user

Recommended Action No action is required.

Error Message `VIM-5-IF_DETACHED_IF_REMOVED: Interface [chars] is detached (interface removed)`

Explanation Interface has been detached because the interface was removed

Recommended Action No action is required.

Error Message `VIM-5-IF_DETACHED_MODULE_REMOVED: Interface [chars] is detached (module removed)`

Explanation Interface has been detached because the module was removed

Recommended Action No action is required.

Error Message `VIM-5-IF_DETACHED: Interface [chars] is detached`

Explanation Interface has been detached

Recommended Action No action is required.

Error Message `VIM-5-IF_DOWN_ADMIN_DOWN: Interface [chars] is down (Administratively down)`

Explanation Interface has been configured to be administratively down

Recommended Action Perform 'no shutdown'

Error Message `VIM-5-IF_DOWN_ERROR_DISABLED: Interface [chars] is down (Error disabled)`

Explanation The interface encountered an error while configuring it

Recommended Action Collect more information about failed interface using command 'show vim internal interface [char]'. In most cases, you can recover using a 'shutdown' followed a 'no shutdown' on the interface.

Error Message `VIM-5-IF_DOWN_INACTIVE: Interface [chars] is down (Inactive)`

Explanation The port VLAN has been suspended or deleted

Recommended Action Assign a new active port VLAN to the interface

Error Message `VIM-5-IF_DOWN_INITIALIZING: Interface [chars] is down (Initializing)`

Explanation The interface is in the process of coming up

Recommended Action If the interface is stuck in this state for a while, check the output of 'show vim internal event-history' to determine what it is waiting for

Error Message `VIM-5-IF_DOWN_NONE: Interface [chars] is down (None)`

Explanation There is no apparent reason the interface is down

Recommended Action Collect more information about port using command 'show vim internal event-history interface [char]' to determine why it went down

Error Message `VIM-5-IF_DOWN_NON_PARTICIPATING: Interface [chars] is down (Non participating)`

Explanation The interface is not currently attached. This may be because the associated VM is powered down or the host is disconnected.

Recommended Action No action is required.

Error Message `VIM-5-IF_DOWN_OFFLINE: Interface [chars] is down (Offline)`

Explanation The interface has been placed into the offline state

Recommended Action No action is required.

Error Message `VIM-5-IF_DOWN_PORT_PROFILE_NOT_FOUND: Interface [chars] is down`

Explanation Interface is down beacuse there is no associated profile

Recommended Action No action is required.

Error Message `VIM-5-IF_DOWN_VEM_UNLICENSED: Interface [chars] is down`

Explanation Interface is down beacuse the module is unlicensed

Recommended Action No action is required.

Error Message `VIM-5-IF_TRUNK_DOWN: Interface [chars], vlan [chars] is down ([chars])`

Explanation Interface [chars] is trunking, VLAN [chars] is down with reason in ()

Recommended Action The following commands will help determine why this VLAN is down on this interface: show interface, show vim internal interface VLAN, show vim internal event-history interface vlan

Error Message `VIM-5-IF_TRUNK_UP: Interface [chars], vlan [chars] is up`

Explanation Interface [chars] is trunking, VLAN [chars] is up

Recommended Action No action is required.

Error Message `VIM-5-IF_UP: Interface [chars] is up [chars]`

Explanation Interface is up in mode specified, if applicable

Recommended Action No action is required.

Error Message `VIM-5-VETH_NUMBER_CONFILCT: Interface [chars] is down because the veth number is different from the veth on primary switch`

Explanation In this switch, the interface has been configured with a different veth number than in the primary switch

Recommended Action Remove this configuration with 'no veth x'. If no port-profile is in use for this interface, create this veth again with the same veth number used in the primary switch

Error Message `VIM-5-VIM_MAX_RANGE_ERROR: Unsupported range - Max number of Veths supported [dec]`

Explanation Error in configuration

Recommended Action No action is required.

Error Message `VIM-5-VM_VEM_VMOTION_COMPLETE: VM with VM-ID ([chars]) and VM-Name ([chars]) has migrated from Module [dec] to Module [dec]. The veths attached to this VM are : [chars]`

Explanation VM has completed a VMOTION from one ESX host to another

Recommended Action No action is required.

VLAN_MGR Messages

This section contains the VLAN_MGR messages.

VLAN_MGR-2

Error Message `VLAN_MGR-2-ERROR_MSG: [chars]`

Explanation VLAN manager error

Recommended Action No action is required.

VLAN_MGR-4

Error Message `VLAN_MGR-4-WARN_MSG: [chars]`

Explanation VLAN manager warning

Recommended Action No action is required.

VLAN_MGR-6

Error Message `VLAN_MGR-6-INFO_MSG: [chars]`

Explanation VLAN manager info

Recommended Action No action is required.

Error Message `VLAN_MGR-6-VLAN_CREATED: VLAN [dec], created`

Explanation VLAN created

Recommended Action No action is required.

Error Message `VLAN_MGR-6-VLAN_MGR_STATEFULL_RESTART: VLAN Manager statefull restart`

Explanation VLAN Manager statefull restart

Recommended Action No action is required.

Error Message `VLAN_MGR-6-VLAN_MGR_STATELESS_RESTART: VLAN Manager stateless restart`

Explanation VLAN Manager stateless restart

Recommended Action No action is required.

Error Message `VLAN_MGR-6-VLAN_OPER_STATUS_CHG: VLAN [dec], status changed to [chars]`

Explanation VLAN operational state change

Recommended Action No action is required.

VMAN Messages

This section contains the VMAN messages.

VMAN-4

Error Message `VMAN-4-UNSIGNED_PACKAGE: Unsigned software package [chars] loaded for service container [chars].`

Explanation A software package without a code signing certificate has been loaded.

Recommended Action Take note of the service container and software package. Verify the software package is expected to be unsigned and has the appropriate contents. Uninstall the package if unsure of the package origins.

VMAN-5

Error Message `VMAN-5-ALLOC_VIRT_INST_RCS: Failed to allocate resources required to activate virtual-instance [chars]`

Explanation A memory allocation request failed to allocate a data structure required to activate the virtual-instance.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual-instance. Collect the Virt-manager logs and scan them for the cause.

Error Message `VMAN-5-AUX: Activity within this shell can jeopardize the functioning of virtual-instance [chars]`

Explanation The AUX login to a virtual-instance allows the user access to system functions that may not have been tested or may interact with the system in unintended ways. Use with caution.

Recommended Action No action is required

Error Message `VMAN-5-COMMIT_VIRT_INST_RCS: Failed to commit resources requested by virtual-instance [chars]`

Explanation The request to commit the resources required by the named virtual-instance failed.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual-instance. Collect the Virt-manager logs and scan them for the cause.

Error Message `VMAN-5-CREATE_VIRT_INST_ENTRY: Failed to create virtual-instance [chars] DB entry`

Explanation The request to create a DB entry for the named virtual-instance failed.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual-instance. Collect the Virt-manager logs and scan them for the cause.

Error Message `VMAN-5-DEFER_VIRT_INST_PROC: Failed to defer virtual-instance [chars] final activation processing`

Explanation The final activation processing failed to successfully defer.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual-instance. Collect the Virt-manager logs and scan them for the cause.

Error Message `VMAN-5-DISK_IMAGE_PATH: The package definition file for [chars] contains an invalid disk image path ([chars])`

Explanation The virtual-instance machine definition file contains an invalid disk image path for one of the disk devices. This may be a Harddisk, CDROM or USB storage device.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual-instance. Collect the Virt-manager logs and scan them for the cause.

Error Message `VMAN-5-FIND_VIRT_INST_ENTRY: Failed to find virtual-instance with id [dec] in the Virt-manager DB`

Explanation The virtual-instance with the ID named could not be located in the Virt-manager DB.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual-instance. Collect the Virt-manager logs and scan them for the cause.

Error Message `VMAN-5-INCONSISTENT_MEM_CONFIG: Inconsistent memory specification in machine definition for virtual-instance [chars].`

Explanation The virtual-instance machine definition file is inconsistent in the specification of required memory via the <memory

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual-instance. Collect the Virt-manager logs and scan them for the cause.

Error Message `VMAN-5-INSERT_VIRT_INST_ENTRY: Failed to insert virtual-instance [chars] in Virt-manager DB`

Explanation Inserting the named virtual-instance into the virtual-instance DB tracked by Virt-manager failed.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual-instance. Collect the Virt-manager logs and scan them for the cause.

Error Message `VMAN-5-INVALID_ACT_MSG: Failed to process virtual-instance activate message`

Explanation The virtual-instance activate message was received, however, the data it contained could not be interpreted

Recommended Action Enable the virt-manager trace logs and repeat the activation of the virtual-instance. Collect the virt-manager logs and scan them for the cause.

Error Message `VMAN-5-INVALID_DEACT_MSG: Failed to process virtual-instance deactivate message`

Explanation The virtual-instance deactivate message was received, however, the data it contained could not be interpreted

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual-instance. Collect the Virt-manager logs and scan them for the cause.

Error Message `VMAN-5-INVALID_PACKAGE: Virtual-instance [chars] package-def [chars] file was not able to be verified. [chars]`

Explanation The package definition file for the named virtual-instance has failed to be validated and the virtual-instance will not run

Recommended Action Enable the virt-manager trace logs and repeat the activation of the virtual-instance. Collect the virt-manager logs and scan them for the cause. The most likely cause would be that the package file has been corrupted during file transfer. The suggested action would be to redo the file transfer.

Error Message `VMAN-5-INVALID_UNPROV_MSG: Failed to process virtual-instance unprovision message`

Explanation The virtual-instance unprovision message was received, however, the data it contained could not be interpreted

Recommended Action Enable the Virt-manager trace logs and repeat the activation followed by deactivation and then unprovision of the virtual-instance. Collect the Virt-manager logs and scan them for the cause.

Error Message `VMAN-5-MEMORY_LIMIT: Virtual-instance [chars] defines [dec] MB of Memory exceeding the maximum ([dec])`

Explanation The virtual-instance machine definition file is requesting more memory than the system has available for virtual-instances.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual-instance. Collect the Virt-manager logs and scan them for the cause.

Error Message `VMAN-5-PROCESS_PKG_DEF: Failed to process package-def file [chars] for virtual-instance [chars]`

Explanation The virtual-instance package for the named virtual-instance has failed to be validated and the virtual-instance will not run.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual-instance. Collect the Virt-manager logs and scan them for the cause.

Error Message `VMAN-5-PROC_INT_LIST: Failed to process interface list for virtual-instance [chars]`

Explanation The interface list embedded in the activate request for the named virtual-instance could not be processed.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual-instance. Collect the Virt-manager logs and scan them for the cause.

Error Message `VMAN-5-PSS_ERR: Purpose: [chars], URI: [chars], errcode: [dec]`

Explanation Persistent Storage Service handling error

Recommended Action Collect the Virt-manager logs and scan them for the cause.

Error Message `VMAN-5-PSS_SNAPSHOT_ERR: Source URI: [chars], Destination URI: [chars], errcode: [dec]`

Explanation Persistent Storage Service snapshot error

Recommended Action Collect the Virt-manager logs and scan them for the cause.

Error Message `VMAN-5-REMOVE_VIRT_INST_ENTRY: Failed to remove virtual-instance [chars] from Virt-manager DB`

Explanation Removing the named virtual-instance from the virtual-instance DB tracked by Virt-manager failed.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual-instance. Collect the Virt-manager logs and scan them for the cause.

Error Message `VMAN-5-SDWRAP_ERR: Description: [chars], errcode: [dec]`

Explanation Debug infrastructure error

Recommended Action Collect the Virt-manager logs and scan them for the cause.

Error Message `VMAN-5-SET_VTX_ROMVAR_SPACE: Failed to set rom-monitor variable ENABLE_VTX: No space in table`

Explanation Failed to set ENABLE_VTX rom-monitor variable due to no space in Monitor Variable Table.

Recommended Action Verify number of entries in Monitor Variable Table.

Error Message `VMAN-5-SET_VTX_ROMVAR_STRING: Failed to set rom-monitor variable ENABLE_VTX: Invalid string format: [chars]`

Explanation Failed to set ENABLE_VTX rom-monitor variable due to invalid string format.

Recommended Action Verify format of string from error message.

Error Message `VMAN-5-START_FAILED: Failed to start virtual-instance [chars]`

Explanation The named Virtual-instance failed to start.

Recommended Action Enable the virt-manager trace logs and repeat the activation of the virtual-instance. Collect the Virt-manager logs and scan them for the cause.

Error Message `VMAN-5-VCPU_LIMIT: Virtual-instance [chars] defines [dec] VCPUs, exceeding the maximum ([dec])`

Explanation The virtual-instance machine definition file is requesting more VCPUs than the system has reserved for virtual-instances.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual-instance. Collect the Virt-manager logs and scan them for the cause.

Error Message `VMAN-5-VIRT_INST_DISK: Failed to reserve disk storage for virtual-instance ([chars]). Free=[dec] MB, Requested=[dec] MB`

Explanation The virtual-instance requires Disk Storage in excess of the Free Disk Storage available to virtual-instances

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual-instance. Collect the Virt-manager logs and scan them for the cause.

Error Message `VMAN-5-VIRT_INST_INTERFACE: Virtual-instance [chars] defines [dec] network interfaces but [dec] Integrated-Service interfaces are configured`

Explanation The number of configured Integrated-Service interfaces must match the number of Ethernet Network Interfaces defined in the machine definition file

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual-instance. Collect the Virt-manager logs and scan them for the cause.

Error Message `VMAN-5-VIRT_INST_MEMORY: Failed to reserve memory for virtual-instance ([chars]). Free=[dec] MB, Reqested=[dec] MB.`

Explanation The virtual-instance requires Physical Memory in excess of the Free Memory available to virtual-instances

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual-instance. Collect the Virt-manager logs and scan them for the cause.

Error Message `VMAN-5-VIRT_INST_STATE: Virtual-instance [chars] has failed and is in the [chars] state.`

Explanation The named virtual-instance has failed. It is no longer running either because the guestOS has failed, the guestOS has shut down the machine or the emulator has failed.

Recommended Action An attempt at restarting the virtual-instance can be made from the IOS configuration by doing an no activate/activate. For debugging collect the Virt-manager logs and scan them for the cause.

Error Message `VMAN-5-VIRT_INST: VIRTUAL-INSTANCE [chars] LOG: [chars]`

Explanation The named virtual-instance has triggered the log. Please interpret the log in the context of the virtual-instance

Error Message No action is required

VMM Messages

This section contains the VMM messages.

VMM-2

Error Message `VMM-2-VMM_SERVICE_ERR: VDC[dec]: Service SAP [dec] returned error [hex] ([chars]) in [chars] sequence`

Explanation Service returned error in the specified sequence

Recommended Action No action is required.

Error Message `VMM-2-VMM_TIMEOUT: VDC[dec]: Service SAP [dec] timed out in [chars] sequence`

Explanation Service did not respond in the specified sequence

Recommended Action No action is required.

VNI Messages

This section contains the VNI messages.

VNI-2

Error Message `VNI-2-ALLOC_MEMORY: Memory allocation failed`

Explanation The service failed to allocate a block of dynamic memory.

Recommended Action No action is required.

VNI-3

Error Message `VNI-3-INIT_FAILED: Initialization failed. Component [chars]`

Explanation The service failed to start. The failure occurred while initializing the component [chars].

Recommended Action Show processes to check the status of the other processes, debug the specified component.

VNI-6

Error Message `VNI-6-INTERFACE_EVENT: VSAN interface [chars] [chars]`

Explanation The specified VSAN Interface has been successfully [chars].

Recommended Action No action is required.

Error Message `VNI-6-STARTING: Virtual Network Interface Manager started`

Explanation The service has successfully started.

Recommended Action No action is required.

Error Message `VNI-6-VSAN_DELETED: VSAN [dec] has been deleted`

Explanation The specified VSAN has been deleted. The service will delete all the configuration on that VSAN.

Recommended Action No action is required.

VPC Messages

This section contains the VPC messages.

VPC-2

Error Message `VPC-2-PEER_KEEP_ALIVE_RECV_FAIL: In domain [dec], VPC peer keep-alive receive has failed`

Explanation Peer keep-alive receive failed

Recommended Action No action is required.

Error Message `VPC-2-PEER_KEEP_ALIVE_SEND_FAIL: In domain [dec], VPC peer keep-alive send has failed`

Explanation Peer keep-alive send failed

Recommended Action No action is required.

Error Message `VPC-2-PEER_VPC_RESP_TIMEDOUT: Failed to receive response from peer for vPC: [dec]`

Explanation VPC bringup failed

Recommended Action No action is required.

Error Message `VPC-2-TRACK_INTFS_DOWN: In domain [dec], vPC tracked interfaces down, suspending all vPCs and keep-alive`

Explanation VPC tracked object down

Recommended Action No action is required.

Error Message `VPC-2-VPCM_FEATURE_ENABLE_FAILED: Enabling of vPCM Service failed. Please disable feature Flexlink first.`

Explanation Enabling of vPCM Service failed

Recommended Action No action is required.

Error Message `VPC-2-VPC_ISSU_END: Peer vPC switch ISSU end, unlocking configuration`

Explanation Peer vPC switch issu end

Recommended Action No action is required.

Error Message `VPC-2-VPC_ISSU_START: Peer vPC switch ISSU start, locking configuration`

Explanation Peer vPC switch issu start

Recommended Action No action is required.

Error Message `VPC-2-VPC_LC_FAIL: LC [dec] does not support required hardware for vPC; run 'show vdc membership status' for port status`

Explanation Lc insertion failed

Recommended Action No action is required.

Error Message `VPC-2-VPC_SUSP_ALL_VPC: Peer-link going down, suspending all vPCs on secondary`

Explanation Peer link down suspend vPCs

Recommended Action No action is required.

Error Message `VPC-2-VPC_SVI_EXCLUDE: vPC [dec] has up vlans [chars] which are excluded from suspension on dual-active`

Explanation VPC track object deconfigured

Recommended Action No action is required.

VPC-3

Error Message `VPC-3-GLOBAL_CONSISTENCY_FAILED: In domain [dec], global configuration is not consistent ([chars])`

Explanation Global compat-check failed

Recommended Action No action is required.

Error Message `VPC-3-INTF_CONSISTENCY_FAILED: In domain [dec], VPC [dec] configuration is not consistent ([chars])`

Explanation MCEC compat-check failed

Recommended Action No action is required.

Error Message `VPC-3-PEER_UNREACHABLE: Remote Switch Unreachable`

Explanation Peer unreachable

Recommended Action No action is required.

Error Message `VPC-3-PEER_VPC_BRINGUP_FAILED: Peer vPC [dec] bringup failed ([chars])`

Explanation Peer vPC bringup failed

Recommended Action No action is required.

Error Message `VPC-3-VPCM_ASSERTION_FAILED: [chars]`

Explanation VPCM has hit an assert condition at file [chars]

Recommended Action No action is required.

Error Message `VPC-3-VPCM_INIT_FAIL: vPC Manager Initialization Failed ([chars])`

Explanation VPCM Initialization failed. due to [chars]

Recommended Action No action is required.

Error Message `VPC-3-VPCM_INTERNAL_ERR: [chars]`

Explanation VPCM encountered an internal error due to [chars]

Recommended Action No action is required.

Error Message `VPC-3-VPCM_MTS_ERR: [chars]`

Explanation VPCM encountered an MTS error due to [chars]

Recommended Action No action is required.

Error Message `VPC-3-VPC_BRINGUP_FAILED: vPC [dec] bringup failed ([chars])`

Explanation VPC bringup failed

Recommended Action No action is required.

Error Message `VPC-3-VPC_PEER_LINK_BRINGUP_FAILED: vPC peer-link bringup failed ([chars])`

Explanation VPC Peer-link bringup failed

Recommended Action No action is required.

Error Message `VPC-3-VPC_PEER_LINK_DOWN: VPC Peer-link is down ([chars])`

Explanation VPC Peer link is down (reason)

Recommended Action No action is required.

VPC-4

Error Message `VPC-4-PEER_VPC_DELETED: Peer vPC [dec] deleted`

Explanation Peer vPC configuration deleted

Recommended Action No action is required.

Error Message `VPC-4-VPC_CONSISTENCY_NEW_VLAN_FAIL: Global Consistency check for vPC failed for new vlans`

Explanation Global Consistency check for vPC failed for new vlans

Recommended Action No action is required.

Error Message `VPC-4-VPC_DELETED: vPC [dec] is deleted`

Explanation VPC configuration deleted

Recommended Action No action is required.

Error Message `VPC-4-VPC_DISABLE_IP_REDIRECTS: peer-gateway enabled. Disabling IP redirects on all interface-vlans of this vPC domain for correct operation of this feature.`

Explanation Peer-gateway enabled, hence IP redirects on SVIs are disabled

Recommended Action No action is required.

Error Message `VPC-4-VPC_LC_UPG_OVER_DELIVERY_FAIL: Failed to deliver LC upgrade to vPC peer`

Explanation Failed to deliver LC upgrade to peer

Recommended Action No action is required.

Error Message `VPC-4-VPC_PEER_LINK_DELETED: vPC Peer-link deleted. This will bringdown all vPC interfaces`

Explanation VPC Peer-link configuration removed

Recommended Action No action is required.

Error Message `VPC-4-VPC_PEER_ROLE_CHANGE: In domain [dec], VPC peer role status has changed to [chars]`

Explanation VPC Peer role status changed to (Primary/Secondary

Recommended Action No action is required.

Error Message `VPC-4-VPC_PER_VLAN_CONSISTENCY_FAILED: Global consistency check for vPC failed for few vlans`

Explanation Global Consistency check for vPC failed for few vlans

Recommended Action No action is required.

Error Message `VPC-4-VPC_REINITIALIZED: Reinitializing vpcs assuming peer dead`

Explanation Initializing vpcs assuming peer dead

Recommended Action No action is required.

Error Message `VPC-4-VPC_ROLE_CHANGE: In domain [dec], VPC role status has changed to [chars]`

Explanation VPC role status changed to (Primary/Secondary

Recommended Action No action is required.

VPC-5

Error Message `VPC-5-GLOBAL_CONSISTENCY_SUCCESS: Global configuration for vPC domain [dec] is consistent`

Explanation Global compat-check passed

Recommended Action No action is required.

Error Message `VPC-5-INTF_CONSISTENCY_SUCCESS: In domain [dec], vPC [dec] configuration is consistent`

Explanation VPC configuration is consistent

Recommended Action No action is required.

Error Message `VPC-5-PEER_KEEP_ALIVE_STATUS: In domain [dec], peer keep-alive status changed to [chars]`

Explanation Peer keep-alive (oob) status is changed to <peer-alive

Recommended Action Peer-not-alive

Error Message `VPC-5-VPCM_DISABLED: vPC Manager disabled`

Explanation VPCM Service Disabled

Recommended Action No action is required.

Error Message `VPC-5-VPCM_ENABLED: vPC Manager enabled`

Explanation VPCM Service Enabled

Recommended Action No action is required.

Error Message `VPC-5-VPC_RESTORE_TIMER_EXPIRED: vPC restore timer expired, reiniting vPCs`

Explanation VPC restore timer expired

Recommended Action No action is required.

Error Message `VPC-5-VPC_RESTORE_TIMER_START: vPC restore timer started to reinit vPCs`

Explanation VPC restore timer start

Recommended Action No action is required.

Error Message `VPC-5-VPC_ROLE_PREMPT: In domain [dec], vPC role pre-emption triggered`

Explanation VPC preemption triggered

Recommended Action No action is required.

VPC-6

Error Message `VPC-6-PEER_KEEP_ALIVE_RECV_INT_LATEST: In domain [dec], VPC peer-keepalive received on interface [chars]`

Explanation VPC peer-keepalive receive interface changed

Recommended Action No action is required.

Error Message `VPC-6-PEER_KEEP_ALIVE_RECV_SUCCESS: In domain [dec], vPC peer keep-alive receive is successful`

Explanation Peer keep-alive receive successful

Recommended Action No action is required.

Error Message `VPC-6-PEER_KEEP_ALIVE_SEND_INT_LATEST: In domain [dec], VPC peer-keepalive sent on interface [chars]`

Explanation VPC peer-keepalive send interface changed

Recommended Action No action is required.

Error Message `VPC-6-PEER_KEEP_ALIVE_SEND_SUCCESS: In domain [dec], vPC peer keep-alive send is successful`

Explanation Peer keep-alive send successful

Recommended Action No action is required.

Error Message `VPC-6-PEER_LOCK_FAILED: Locking failed on peer switch - Aborting upgrade!!`

Explanation Locking failed on peer switch

Recommended Action No action is required.

Error Message `VPC-6-PEER_VPC_CFGD_VLANS_CHANGED: Peer vPC [dec] configured vlans changed`

Explanation Remote MCEC configured vlans Changed

Recommended Action No action is required.

Error Message `VPC-6-PEER_VPC_CFGD: peer vPC [dec] is configured`

Explanation VPC is configured

Recommended Action No action is required.

Error Message `VPC-6-PEER_VPC_DOWN: Peer vPC [dec] is down ([chars])`

Explanation Peer vPC is down

Recommended Action No action is required.

Error Message `VPC-6-PEER_VPC_UP: Peer vPC [dec] is up`

Explanation Peer vPC is up

Recommended Action No action is required.

Error Message `VPC-6-ROLE_PRIORITY_CFGD: In domain [dec], vPC role priority changed to [dec]`

Explanation Role priority configured

Recommended Action No action is required.

Error Message `VPC-6-STATS_CLEARED: vPC Statistics Cleared`

Explanation VPC statistics cleared

Recommended Action No action is required.

Error Message `VPC-6-SYSTEM_MAC_CFGD: In domain [dec], vPC system-mac changed to [chars]`

Explanation System mac configured

Recommended Action No action is required.

Error Message `VPC-6-SYSTEM_PRIO_CFGD: In domain [dec], vPC system priority changed to [dec]`

Explanation System priority changed

Recommended Action No action is required.

Error Message `VPC-6-TRACK_OBJ_CONFIGURED: In domain [dec], track object configured [dec]`

Explanation VPC track object configured

Recommended Action No action is required.

Error Message `VPC-6-TRACK_OBJ_DELETED: In domain [dec], track object deleted`

Explanation VPC track object deconfigured

Recommended Action No action is required.

Error Message `VPC-6-TYPE1_PARAM_CHANGED: TYPE-1 parameters changed: [chars]`

Explanation Type-1 Parameters Changed

Recommended Action No action is required.

Error Message `VPC-6-VPCM_INTERNAL_INFO: [chars]`

Explanation VPCM got an internal info [chars]

Recommended Action No action is required.

Error Message `VPC-6-VPC_ALLOWED_VLAN_CHANGED: vPC [dec] operational vlans changed`

Explanation Operational vlans changed on vPC

Recommended Action No action is required.

Error Message `VPC-6-VPC_CFGD: vPC [dec] is configured`

Explanation VPC is configured

Recommended Action No action is required.

Error Message `VPC-6-VPC_CONSISTENCY_CHECK_BYPASS: Bypassing consistency check for vPC: [dec]`

Explanation Bypassing consistency check for vpcs

Recommended Action No action is required.

Error Message `VPC-6-VPC_CONSISTENCY_NEW_VLAN_PASS: Global Consistency check for vPC passed for new vlans`

Explanation Global Consistency check for vPC passed for new vlans

Recommended Action No action is required.

Error Message `VPC-6-VPC_DOMAIN_ID_CFGD: vPC domain-id configured to [dec]`

Explanation VPC domain-id configured

Recommended Action No action is required.

Error Message `VPC-6-VPC_DOWN: vPC [dec] is down ([chars])`

Explanation VPC is down (reason)

Recommended Action No action is required.

Error Message `VPC-6-VPC_PEER_LINK_CFGD: vPC peer-link is configured`

Explanation VPC Peer-link is configured

Recommended Action No action is required.

Error Message `VPC-6-VPC_PEER_LINK_UP: vPC Peer-link is up`

Explanation VPC Peer-link is up

Recommended Action No action is required.

Error Message `VPC-6-VPC_PER_VLAN_CONSISTENCY_PASSED: Global Consistency check for vPC passed for all vlans`

Explanation Global Consistency check for vPC passed for all vlans

Recommended Action No action is required.

Error Message `VPC-6-VPC_UP: vPC [dec] is up`

Explanation MCEC is UP

Recommended Action No action is required.

VPM Messages

This section contains the VPM messages.

VPM-2

Error Message `VPM-2-GENERAL_ERROR: [chars]`

Explanation The VP Manager has encountered an critical error. The description of error is [str.]

Recommended Action No action is required.

Error Message `VPM-2-MALLOC_ERROR: Size [dec] bytes`

Explanation The VP Manager could not allocate memory.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `VPM-2-PSS_ERROR: [chars]`

Explanation The VP Manager encountered error while operating on a persistent storage database.

Recommended Action No action is required.

Error Message `VPM-2-VPMON_CRIT: [chars] [dec]`

Explanation VPMON daemon critical message

Recommended Action No action is required.

Error Message `VPM-2-VPMON_DPP_DOWNLOAD: HB failure, Restarting the DPP [dec]`

Explanation VPMON daemon redownloading DPP(s)

Recommended Action ISAPI API users need to re-download config data to fast path

Error Message `VPM-2-VPMON_DPP_RELOAD_FORCE: Force reload of DPP(s) [chars]: [chars]`

Explanation VPMON daemon critical action message

Recommended Action No action is required.

VPM-3

Error Message `VPM-3-PSS_SYNC_TO_STNDBY_FAILED: PSS TYPE=[chars] KEY=[chars]`

Explanation Could not send PSS Sync. notification to Standby Supervisor. PSS Type=[str.] Operation=[.str] Key=[Str.]

Recommended Action No action is required.

Error Message `VPM-3-SEND_TO_ILC_FAILED: [chars]`

Explanation The VP Manager could not send to ILC for DG=[chars], at slot=[dec] processor=[dec] and SAP=[dec].

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `VPM-3-SEND_TO_SNMP_AGENT_FAILED: [chars]`

Explanation The VP Manager could not send to SNMP Agent for DG=[chars].

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `VPM-3-UNKNOWN_MSG: Recvd. from Node=[dec] SAP=[dec]`

Explanation The VP Manager has received an unknown message from [dec]].[dec]. This information is for debugging only.

Recommended Action No action is required.

Error Message `VPM-3-VPM_PSS_CORRUPTED: [chars] PSS found corrupted`

Explanation The VP Manager has detected corruption in one of its persistent information database. The database would be recreated.

Recommended Action No action is required.

VPM-4

Error Message `VPM-4-PSS_VERSION_MISMATCH: PSS [dec] Code [dec]`

Explanation There was a version mismatch between the VP Manager and one of its persistent storage databases. The persistent information has been translated to the new format.

Recommended Action No action is required.

VPM-6

Error Message `VPM-6-BECAME_ACTIVE: Became ACTIVE from standby mode`

Explanation The VP Manager on the standby supervisor became active and it is ready to serve client requests.

Recommended Action No action is required.

Error Message `VPM-6-BECAME_STDBY: Became STANDBY from active mode`

Explanation The VP Manager became standby from active mode.

Recommended Action No action is required.

Error Message `VPM-6-DG_DEREGISTERED: [chars]`

Explanation The VP Manager has deregistered DG [chars] at slot=[dec] processor=[dec] and SAP=[dec].

Recommended Action No action is required.

Error Message `VPM-6-DG_REGISTERED: [chars]`

Explanation The VP Manager has registered DG [chars] from slot=[dec] processor=[dec] and SAP=[dec].

Recommended Action No action is required.

Error Message `VPM-6-EXITING: Exited due to [chars]`

Explanation The VP Manager process has exited due to [char]. The process has probably been restarted automatically.

Recommended Action No action is required.

Error Message `VPM-6-FAILED_TO_SEND_HEARTBEAT: Failed to send heartbeat to system manager: Reason=[chars]`

Explanation The VP Manager was unable to send heartbeat to the system manger

Recommended Action No action is required.

Error Message `VPM-6-GENERAL_EVENT: [chars]`

Explanation The VP Manager has generated an important event. The description of the event is [str.]

Recommended Action No action is required.

Error Message `VPM-6-PSS_CREATED: [chars] PSS Created`

Explanation One of the persistent information database of VP Manager has been recreated

Recommended Action No action is required.

Error Message `VPM-6-PSS_DESTROYED: [chars] PSS Destroyed`

Explanation One of the persistent information databases of Vp Manager has been intentionally destroyed and would be recreated.

Recommended Action No action is required.

Error Message `VPM-6-SERVICE_UP: Initialized [chars]`

Explanation The VP Manager is up and ready to accept client requests The service was initialized in [char] mode.

Recommended Action No action is required.

Error Message `VPM-6-SWITCHOVER: Switching Over to other Sup.`

Explanation The VP Manager has successfully switched over to the standby supervisor card.

Recommended Action No action is required.

Error Message `VPM-6-VPMON_INFO: [chars]`

Explanation VPMON daemon informational message

Recommended Action No action is required.

Error Message `VPM-6-VPMON_STARTING: deamon started`

Explanation The VPMON daemon successfully started

Recommended Action No action is required.

Error Message `VPM-6-VPM_MDS_LICENSE_GRACE: MDS LICENSE in grace period for feature : [chars]`

Explanation MDS license is in grace period. Please retrieve a new MDS license

Recommended Action No action is required.

Error Message `VPM-6-VPM_MDS_LICENSE_REVOKED: MDS LICENSE REVOKED for feature : [chars]`

Explanation MDS license is revoked. Please retrieve a new MDS license

Recommended Action No action is required.

Error Message `VPM-6-VPM_MDS_TIMED_LICENSE: Timed MDS LICENSE for feature : [chars]`

Explanation Timed MDS license

Recommended Action No action is required.

VPM-SLOT#-2

Error Message `VPM-SLOT#-2-CPP_CATASTROPHIC_ERROR: ERROR: Component ([chars]) caused critical error please reboot SSM`

Explanation Component caused critical error

Recommended Action Restart the linecard

VRRP-CFG Messages

This section contains the VRRP-CFG messages.

VRRP-CFG-2

Error Message `VRRP-CFG-2-ALLOC_MEMORY: Memory allocation failed`

Explanation The service failed to allocate a block of dynamic memory.

Recommended Action No action is required.

Error Message `VRRP-CFG-2-VSH_REGISTER_FAIL: VSH registration failed returning [dec]`

Explanation VRRP's parse tree registration with VSH failed

Recommended Action No action is required.

VRRP-CFG-3

Error Message `VRRP-CFG-3-INIT_FAILED: Initialization failed. Component [chars]`

Explanation The service failed to start. The failure occurred while initializing the component [chars].

Recommended Action Show processes to check the status of the other processes, debug the specified component.

Error Message `VRRP-CFG-3-VRRP_FEATURE_MANAGER_ERROR: Error in feature manager operation`

Explanation The feature manager operation did not go through fine

Recommended Action Please check the reason for error using feature manager and rectify the problem

VRRP-CFG-5

Error Message `VRRP-CFG-5-STARTING: VRRP Manager service started`

Explanation The service successfully started.

Recommended Action No action is required.

VRRP-ENG Messages

This section contains the VRRP-ENG messages.

VRRP-ENG-2

Error Message `VRRP-ENG-2-ALLOC_MEMORY: Memory allocation failed`

Explanation The service failed to allocate a block of dynamic memory.

Recommended Action No action is required.

Error Message `VRRP-ENG-2-VR_FAILURE: Error in VR[chars] [dec] interface [chars]. Going to init state`

Explanation The VR [dec] on the interface [chars] is in init state for an internal error.

Recommended Action Show interface to check the status of the interface, show configuration, status and statistics of the specified virtual router, enable the vrrp debug and shut/ no shut the specified virtual router.

VRRP-ENG-3

Error Message `VRRP-ENG-3-ARP_INIT_ERROR: Failed to init ARP, ret [hex], errno [dec]`

Explanation VRRP-ARP interaction failed.

Recommended Action No action is required.

Error Message `VRRP-ENG-3-BFD_IF_SESSION_REMOVAL_ERROR: Failed to remove interface level VRRP-BFD sessions ([hex] [hex]), Refer logs`

Explanation Plz refer internal error history for more details.

Recommended Action No action is required.

Error Message `VRRP-ENG-3-BFD_SESSION_ADD_ERROR: Failed to add a few VRRP-BFD sessions([hex] [hex]), Refer logs`

Explanation Plz refer internal error history for more details.

Recommended Action No action is required.

Error Message `VRRP-ENG-3-BFD_SESSION_CREATION_ERROR: Failed to create BFD session information([hex] [hex]), Refer logs`

Explanation Plz refer internal error history for more details.

Recommended Action No action is required.

Error Message `VRRP-ENG-3-BFD_SESSION_REMOVAL_ERROR: Failed to remove a few VRRP-BFD sessions([hex] [hex]), Refer logs`

Explanation Plz refer internal error history for more details.

Recommended Action No action is required.

Error Message `VRRP-ENG-3-INIT_FAILED: Initialization failed. Component [chars]`

Explanation The service failed to start. The failure occurred while initializing the component [chars].

Recommended Action Show processes to check the status of the other processes, debug the specified component.

Error Message `VRRP-ENG-3-IP_INIT_ERROR: Failed to init IP, ret [hex], errno [dec]`

Explanation VRRP-IP interaction failed.

Recommended Action No action is required.

Error Message `VRRP-ENG-3-L3VM_INIT_ERROR: Failed to init L3VM, ret [hex], errno [dec]`

Explanation VRRP-L3VM interaction failed.

Recommended Action No action is required.

Error Message `VRRP-ENG-3-URIB_INIT_ERROR: Failed to init URIB, ret [hex], errno [dec]`

Explanation VRRP-URIB interaction failed.

Recommended Action No action is required.

VRRP-ENG-4

Error Message `VRRP-ENG-4-BAD_ADV: VR[chars] ID [dec] on interface [chars] bad advertisement received: reason [chars]`

Explanation The virtual router specified has received an invalid advertisement.

Recommended Action Check that all VRRP nodes have the same configuration.

VRRP-ENG-5

Error Message `VRRP-ENG-5-INTERFACE_DOWN: Cannot start the VR[chars] [dec] since the interface [chars] is down`

Explanation The specified VR is enabled but can't change state from init. The specified interface is down or doesn't have a primary IP address configured.

Recommended Action No action is required.

Error Message `VRRP-ENG-5-INTERFACE_STATE_CHANGE: Interface [chars] state changed to [chars]`

Explanation The interface specified has changed state This could have triggered a VRRP status change.

Recommended Action No action is required.

Error Message `VRRP-ENG-5-INVALID_CONFIG: Cannot start the VR[chars] [dec] on the interface [chars]. Invalid IP configuration. Reason: [chars]`

Explanation The specified VR on interface [chars] is enabled but the IP configuration is not valid because of [chars].

Recommended Action Show interface to check that the IP address of the interface is configured and it is in the same subnet of the virtual router address.

Error Message `VRRP-ENG-5-STARTING: VRRP Engine service started`

Explanation The service successfully started.

Recommended Action No action is required.

Error Message `VRRP-ENG-5-VR_STATE_CHANGE: VR[chars] ID [dec] on interface [chars] state changed to [chars]`

Explanation The status of the specified virtual router has changed to [chars].

Recommended Action No action is required.

VRRP-ENG-6

Error Message `VRRP-ENG-6-VSHA_RESULT: VR ID [dec] on interface [chars] state change request result [chars]`

Explanation The result of the request for status change on the virtual router (with VSHA extension) specified is [chars].

Recommended Action No action is required.

VSAN Messages

This section contains the VSAN messages.

VSAN-2

Error Message `VSAN-2-PROGRAM_EXIT: process exiting with reason: [chars]`

Explanation VSAN manager process is exiting with reason [chars].

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

VSAN-3

Error Message `VSAN-3-CFS_OPERATION_FAILED: cfs [chars] operation failed : [chars]`

Explanation Cfs operation [chars1] has failed. [chars2]

Recommended Action Please check the reason for the failure of the cfs operation and rectify the problem

Error Message `VSAN-3-MEM_ALLOC_FAILED: alloc failed for size:[dec]`

Explanation Memory allocation of size [dec] failed.

Recommended Action Do show process memory command to see memory usage of processes.

Error Message `VSAN-3-MESSAGE_ERROR: could not handle message:[chars] of type [dec] sent by addr [dec]:[dec]`

Explanation Got an IPC message [chars] of type [dec1] sent by a component running on node [dec2] with sap [dec3].

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

VSAN-6

Error Message `VSAN-6-ACTIVATED: VSAN:[dec] changing from suspended to active`

Explanation Making VSAN with ID [dec] active from suspended state.

Recommended Action No action is required.

Error Message `VSAN-6-CFS_MERGE_NOT_SUPPORTED: merging of fctimer configuration data is not supported`

Explanation Merging of fctimer configuration data using cfs is not supported

Recommended Action No action is required.

Error Message `VSAN-6-CREATED: Created VSAN:[dec] with name:[chars]`

Explanation Created VSAN with ID [dec] and name [chars].

Recommended Action No action is required.

Error Message `VSAN-6-MEMBERSHIP_UPDATE: Updated membership for interface:[chars] with VSAN:[dec]`

Explanation Updating membership for interface [chars] with VSAN [dec].

Recommended Action No action is required.

Error Message `VSAN-6-REMOVED: Removed VSAN:[dec]`

Explanation Removed VSAN with ID [dec].

Recommended Action No action is required.

Error Message `VSAN-6-SUSPENDED: VSAN:[dec] changing from active to suspended`

Explanation Suspending VSAN with ID [dec] from active state.

Recommended Action No action is required.

Error Message `VSAN-6-TRUNKING_MEMBERSHIP_UPDATE: trunking membership updated for interface:[chars] with VSAN bitmap:[chars]`

Explanation Updated trunking membership for interface [chars1] with allowed VSAN list [chars2].

Recommended Action No action is required.

VSD Messages

This section contains the VSD messages.

VSD-SLOT#-2

Error Message `VSD-SLOT#-2-CPP_CATASTROPHIC_ERROR: ERROR: Component ([chars]) caused critical error please reboot SSM`

Explanation Component caused critical error

Recommended Action Restart the linecard

VSHD Messages

This section contains the VSHD messages.

VSHD-2

Error Message `VSHD-2-VSHD_ROLE_DATABASE_TOO_LARGE: Role database too large. Unable to add RBAC entry`

Explanation There are too many rules and policies configured causing the entire role database too exceed 120KB

Recommended Action Please delete some rules, policies, or roles and try to better optimize the RBAC database

Error Message `VSHD-2-VSHD_SYSLOG_EOL_ERR: EOL function [chars] from library [chars] exited due to Signal [dec]`

Explanation Error in CLI EOL function

Recommended Action No action is required.

Error Message `VSHD-2-VSHD_SYSLOG_PSS_SNAPSHOT_ERR: Source URI:[chars] Destination URI:[chars] errcode:[dec]`

Explanation PSS snapshot error

Recommended Action No action is required.

Error Message `VSHD-2-VSHD_SYSLOG_SDWRAP_ERR: Description:[chars] errcode:[dec]`

Explanation Debug infrastructure error

Recommended Action No action is required.

VSHD-3

Error Message `VSHD-3-VSHD_ROLE_DISTRIBUTE_FAILURE: Role distribution operation ([chars]) failed with error id [hex]`

Explanation This is probably occurring due to unstable fabric

Recommended Action Please retry operation when fabric is stable

Error Message `VSHD-3-VSHD_SYSLOG_FILE_ERR: Purpose:[chars] Filename:[chars] errcode:[dec]`

Explanation File handling error

Recommended Action No action is required.

Error Message `VSHD-3-VSHD_SYSLOG_MTS_ERR: message [chars]`

Explanation MTS message handling error

Recommended Action No action is required.

Error Message `VSHD-3-VSHD_SYSLOG_PARSE_TREE_ERR: [chars]`

Explanation Error while updating parse tree in shell

Recommended Action No action is required.

Error Message `VSHD-3-VSHD_SYSLOG_PSS_ERR: Purpose:[chars] URI:[chars] errcode:[dec]`

Explanation PSS handling error

Recommended Action No action is required.

VSHD-4

Error Message `VSHD-4-VSHD_LICENSE_EXPIRY_WARNING: License [chars] expires on [chars]. Vsan policy will be set to default (deny) for all roles when license expires`

Explanation Vsan policy would be set default (deny) for all roles when license expires

Recommended Action Please install the license file to continue using the feature.

Error Message `VSHD-4-VSHD_ROLE_DATABASE_OUT_OF_SYNC: Role configuration database found to be different between the switches during merge`

Explanation Role configuration database is recommended to be identical among all switches in the fabric.

Recommended Action Edit the configuration on one of the switches to obtain the desired role configuration database and then commit it

Error Message `VSHD-4-VSHD_ROLE_DATABASE_VERSION_NOT_UNDERSTOOD: This switch does not understand the version of role configuration database received during merge`

Explanation This is probably occurring due to different versions of system image on switches in the fabric

Recommended Action Please make sure all switches are running the same version of the system image

VSHD-5

Error Message `VSHD-5-VSHD_SYSLOG_CONFIG_CHANGE: VDC=[chars], VTY=[chars], user=[chars], CMD=[chars]`

Explanation Configuration change notification

Recommended Action No action is required.

Error Message `VSHD-5-VSHD_SYSLOG_CONFIG_I: Configured from vty by [chars] on [chars]`

Explanation CLI Configuration mode was exited

Recommended Action No action is required.

Error Message `VSHD-5-VSHD_SYSLOG_ROLE_CREATED: New cli role [chars] created`

Explanation New cli role created

Recommended Action No action is required.

VSHD-7

Error Message `VSHD-7-VSHD_SYSLOG_PARSE_TREE_UPDATE: Parse tree [chars]`

Explanation Parse tree updated in shell

Recommended Action No action is required.

WWN Messages

This section contains the WWN messages.

WWN-1

Error Message `WWN-1-TYPE1_ALERT: [dec] (< [dec] %) Remain`

Explanation The WWN Manager has run out of WWNs. No new dynamically allocated WWNs are available. However, statically assigned WWNs such as switch WWN, port WWN, etc. are still available.

Recommended Action Please add additional WWNs by programming a new Secondary MAC address and its range.

Error Message `WWN-1-TYPES2_5_ALERT: Only [dec] (< [dec] %) Type 2 & 5 WWNs Remain`

Explanation The WWN Manager has run out of WWNs of NAA Types 2 and 5

Recommended Action Please add additional WWNs by programming a new Secondary MAC address and its range.

WWN-2

Error Message `WWN-2-BKPLN_PROM_CANT_READ: Can not read backplane PROM`

Explanation The WWN Manager has failed to read chassis information. No dynamic WWNs could be allocated.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `WWN-2-EXITING: Exited due to [chars]`

Explanation The WWN Manager process has exited due to [char]. The process has probably been restarted automatically.

Recommended Action No action is required.

Error Message `WWN-2-GENERAL_ERROR: [chars]`

Explanation The WWN Manager has encountered an critical error. The description of error is [str.].

Recommended Action No action is required.

Error Message `WWN-2-MALLOC_ERROR: Size [dec] bytes`

Explanation The WWN Manager could not allocate memory.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `WWN-2-PSS_BKP_PSS_MISMATCH: Block [dec]: PSS: Not Free; BKPLN PROM: Free`

Explanation This WWN Manager detected a discrepancy between the information on the chassis and that in its persistent information databases. The persistent information database has been updated with the information on the chassis.

Recommended Action No action is required.

Error Message `WWN-2-PSS_ERROR: [chars]`

Explanation The WWN Manager encountered error while operating on a persistent storage database.

Recommended Action No action is required.

Error Message `WWN-2-STDOUT_ROTATE_FAILURE: Failed to rotate stdout file: [chars]`

Explanation The WWN Manager has failed to rotate its current stdout file with filename [str.]. The filesize could grow beyond its maximum limit.

Recommended Action No action is required.

Error Message `WWN-2-TYPE1_CRIT: [dec] (< [dec] %) Remain`

Explanation The WWN Manager has only [dec] or less than [dec]-percent WWNs remaining.

Recommended Action Please add additional WWNs by programming a new Secondary MAC address and its range.

Error Message `WWN-2-TYPES2_5_CRIT: [dec] (< [dec] %) Remain`

Explanation The WWN Manager has only [dec] or less than [dec]-percent WWNs of NAA Types 2 and 5 remaining.

Recommended Action Please add additional WWNs by programming a new Secondary MAC address and its range.

WWN-3

Error Message `WWN-3-PSS_SYNC_TO_STNDBY_FAILED: PSS TYPE=[chars] KEY=[chars]`

Explanation Could not send PSS Sync. notification to Standby Supervisor. PSS Type=[str.] Operation=[.str] Key=[Str.].

Recommended Action No action is required.

Error Message `WWN-3-RELEASE_ERR_UNKNOWN: Unknown WWN [chars] [chars]`

Explanation WWN Manager received a request to release a WWN [char] that could not have been allocated by this WWN Manager due to [char].

Recommended Action No action is required.

Error Message `WWN-3-RELEASE_ERR: Cant Rel. WWN [chars]`

Explanation WWN Manager received a request to release a WWN that cannot be released.

Recommended Action No action is required.

Error Message `WWN-3-STARTUP_COPY_TO_RUNNING_FAILED: [chars]`

Explanation Could not snapshot Startup-Config PSS to Running-Config. The description of error is [str.].

Recommended Action No action is required.

Error Message `WWN-3-TOOMANY_REQ_REL: WWNs [chars] = [dec] > MAX LIMIT 1024 - Denied`

Explanation The WWN Manager received a request to allocate [dec] WWN, which is more than the maximum number of WWNs that can be allocated/released in a single request.

Recommended Action No action is required.

Error Message `WWN-3-UNKNOWN_MSG: Received from Node=[dec] SAP=[dec] Opcode=[dec]`

Explanation The WWN Manager has received an unknown message from [dec]].[dec] with opcode [dec]. This information is for debugging only.

Recommended Action No action is required.

Error Message `WWN-3-WWN_PSS_CORRUPTED: [chars] PSS found corrupted`

Explanation The WWN Manager has detected corruption in one of its persistent information database. The database would be recreated.

Recommended Action No action is required.

WWN-4

Error Message `WWN-4-PSS_SUP_CNT_MISMATCH: PSS [dec] Bkpln [dec]`

Explanation The WWN Manager has detected that some other supervisor card was plugged in earlier on this chassis. This WWN Manager is making sure that new WWNs allocate do not conflict with WWNs that could have been allocated by the previous supervisor card.

Recommended Action No action is required.

Error Message `WWN-4-PSS_VERSION_MISMATCH: PSS [dec] Code [dec]`

Explanation There was a version mismatch between the WWN Manager and one of its persistent storage databases. The persistent information has been translated to the new format.

Recommended Action No action is required.

Error Message `WWN-4-TYPE1_WARN: [dec] (< [dec] %) Remain`

Explanation The WWN Manager has only [dec] or less than [dec]-percent WWNs remaining for allocation.

Recommended Action No action is required.

Error Message `WWN-4-TYPES2_5_WARN: [dec] (< [dec] %) Remain`

Explanation The WWN Manager has only [dec] or less than [dec]-percent WWNs of NAA Types 2 and 5 remaining.

Recommended Action Please add additional WWNs by programming a new Secondary MAC address and its range.

WWN-5

Error Message `WWN-5-VSAN_WWN_CHANGE: [chars]`

Explanation VSAN-WWN created or deleted. The description of error is [str.].

Recommended Action No action is required.

WWN-6

Error Message `WWN-6-ALLOCATED_BLOCK: Block number [dec]`

Explanation The WWN Manager has allocated a new block, block number [dec], of 256 WWNs for internal use.

Recommended Action No action is required.

Error Message `WWN-6-BECAME_ACTIVE: Became ACTIVE from standby mode`

Explanation The WWN Manager on the standby supervisor became active and it is ready to serve client requests for WWNs.

Recommended Action No action is required.

Error Message `WWN-6-BECAME_STDBY: Became STANDBY from active mode`

Explanation The WWN Manager became standby from active mode.

Recommended Action No action is required.

Error Message `WWN-6-EXCESSIVE_DELAY: [chars]`

Explanation Excessive time taken for a processing event. The description of the event is [str.].

Recommended Action No action is required.

Error Message `WWN-6-FAILED_TO_SEND_HEARTBEAT: Failed to send heartbeat to system manager: Reason=[chars]`

Explanation The WWN Manager was unable to send heartbeat to the system manager.

Recommended Action No action is required.

Error Message `WWN-6-GENERAL_EVENT: [chars]`

Explanation The WWN Manager has generated an important event. The description of the event is [str.].

Recommended Action No action is required.

Error Message `WWN-6-PSS_CREATED: [chars] PSS Created`

Explanation One of the persistent information database of the WWN Manager has been recreated.

Recommended Action No action is required.

Error Message `WWN-6-PSS_DESTROYED: [chars] PSS Destroyed`

Explanation One of the persistent information databases has been intentionally destroyed and would be recreated.

Recommended Action No action is required.

Error Message `WWN-6-RELEASED_BLOCK: Block number [dec]`

Explanation The WWN Manager has released a block, block number [dec], of 256 WWNs.

Recommended Action No action is required.

Error Message `WWN-6-SEC_MAC_UPDATED: MAC=[chars] Range=[dec]`

Explanation The WWN Manager had updated the Secondary MAC address with MAC address [char] and range [dec]. This update was initiated from a management entity.

Recommended Action No action is required.

Error Message `WWN-6-SERVICE_UP: Initialized [chars]`

Explanation The WWN Manager is up and ready to accept client requests for WWNs. The service was initialized in [char] mode.

Recommended Action No action is required.

Error Message `WWN-6-SWITCHOVER: Switching Over to other Supervisor`

Explanation The WWN Manager has successfully switched over to the standby supervisor card.

Recommended Action No action is required.

WWN-7

Error Message `WWN-7-RELEASE_ERR_FREE: Already free WWN [chars]`

Explanation A client of WWN Manager attempted to release WWN [char] which is already free. This information is for debugging only.

Recommended Action No action is required.

XBAR_CLIENT Messages

This section contains the XBAR_CLIENT messages.

XBAR_CLIENT-2

Error Message `XBAR_CLIENT-2-CROSS_LINK_SYNC_LOSS: XBAR-[chars].`

Explanation Cross links lost sync and hence xbar is brought down.

Recommended Action Please reload the xbar using 'reload xbar <xbar-num> event-history' to collect more information.

Error Message `XBAR_CLIENT-2-MEM_FULL: Memory allocation failed.`

Explanation XBAR_CLIENT process has failed to allocate memory.

Recommended Action Please perform a 'show xbar-client event-history' to collect more information.

Error Message `XBAR_CLIENT-2-MEM_FULL: memory allocation failed`

Explanation Process xbar_client failed to allocate memory

Recommended Action Please examine the xbar-client event-history for more information.

Error Message `XBAR_CLIENT-2-PROC_DN: Process is shutting down: [chars].`

Explanation XBAR_CLIENT process is exiting.

Recommended Action Please perform a 'show xbar-client event-history' to collect more information.

Error Message `XBAR_CLIENT-2-PROC_DN: exiting: [chars].`

Explanation Process xbar_client is exiting

Recommended Action Please examine the xbar-client event-history for more information.

Error Message `XBAR_CLIENT-2-PROC_INITFAIL: Process initialization failed due to [chars].`

Explanation XBAR_CLIENT process has failed initialization.

Recommended Action Please perform a 'show xbar-client event-history' to collect more information.

Error Message `XBAR_CLIENT-2-PROC_INITFAIL: Process initialization failed due to [chars].`

Explanation XBAR_CLIENT process has failed initialization.

Recommended Action Please perform a 'show xbar-client event-history' to collect more information.

Error Message `XBAR_CLIENT-2-PROC_INITFAIL: initialization failed due to [chars]`

Explanation Process xbar_client failed initialization

Recommended Action Please examine the xbar-client event-history for more information.

XBAR_CLIENT-3

Error Message `XBAR_CLIENT-3-IPC_MSGERR: Error in processing IPC message: [dec], Error code = [dec].`

Explanation XBAR_CLIENT process has encountered an error in processing message.

Recommended Action Please perform a 'show xbar-client event-history' to collect more information.

Error Message `XBAR_CLIENT-3-IPC_MSGERR: failure processing IPC message [dec], error code = [dec]`

Explanation Process xbar_client failed to process IPC message

Recommended Action Please examine the xbar-client event-history for more information.

Error Message `XBAR_CLIENT-3-IPC_MSGUNKN: Received unexpected IPC message: [dec].`

Explanation XBAR_CLIENT process has received an unknown message.

Recommended Action Please perform a 'show xbar-client event-history' to collect more information.

Error Message `XBAR_CLIENT-3-IPC_MSGUNKN: unknown IPC message received: [dec]`

Explanation Process xbar_client has received an unknown IPC message.

Recommended Action Please examine the xbar-client event-history for more information.

Error Message `XBAR_CLIENT-3-SUP2_XBC_MOD_INIT_FAIL: [chars], errcode - [hex]`

Explanation The module initialiazation failed

Recommended Action Please perform a 'show process xbar-client event-history' to collect more information

XBAR_CLIENT-SLOT#-2

Error Message `XBAR_CLIENT-SLOT#-2-VEGAS2_XBC_MEM_FULL: memory allocation failed in routine [chars]`

Explanation Process xbar_client failed to allocate memory

Recommended Action Please perform a 'show process xbar-client event-history' to collect more information

Error Message `XBAR_CLIENT-SLOT#-2-VEGAS2_XBC_PROC_DN: terminating due to signal [dec]`

Explanation Process xbar_client is exiting

Recommended Action Please perform a 'show process xbar-client event-history' to collect more information

Error Message `XBAR_CLIENT-SLOT#-2-VEGAS2_XBC_PROC_INITFAIL: initialization failed: [chars], errno [dec]`

Explanation Process xbar_client failed initialization

Recommended Action Please perform a 'show process xbar-client event-history' to collect more information

XBAR_CLIENT-SLOT#-3

Error Message `XBAR_CLIENT-SLOT#-3-VEGAS2_XBC_IPC_MSGUNKN: unknown IPC message received: opcode [dec]`

Explanation Process xbar_client hass received an unknown IPC message

Recommended Action Please perform a 'show process xbar-client event-history' to collect more information

Error Message `XBAR_CLIENT-SLOT#-3-VEGAS2_XBC_MOD_INIT_FAIL: [chars], errcode -[hex]`

Explanation The module initialiazation failed

Recommended Action Please perform a 'show process xbar-client event-history' to collect more information

XBAR Messages

This section contains the XBAR messages.

XBAR-2

Error Message `XBAR-2-ARB_INIT_FAIL: Arbiter Initialization failed return_code [hex] ([chars]).`

Explanation The supervisor has experienced an arbiter setup failure .

Recommended Action No action is required.

Error Message `XBAR-2-INCOMPATIBLE_CONFIG: [chars] [dec] [chars].`

Explanation This module is not compatible with the current fabric mode. It will be powered down.

Recommended Action No action is required.

Error Message `XBAR-2-XBAR_INSUFFICIENT_XBAR_BANDWIDTH: Module in slot [dec] has insufficient xbar-bandwidth.`

Explanation To track insufficient xbar-bandwidth.

Recommended Action No action is required.

Error Message `XBAR-2-XBAR_SUFFICIENT_XBAR_BANDWIDTH: Module in slot [dec] has sufficient xbar-bandwidth.`

Explanation To track recovery from insufficient xbar-bandwidth.

Recommended Action No action is required.

XBAR-3

Error Message `XBAR-3-MEM_FULL: Memory allocation failed. [chars] %i`

Explanation The system has detected an error.

Recommended Action No action is required.

XBAR-5

Error Message `XBAR-5-ARBITER_INIT_FAILURE: Re-initializing Arbiter. [chars] [chars] module %i`

Explanation The supervisor has experienced an arbiter setup failure .

Recommended Action No action is required.

Error Message `XBAR-5-ARB_CLEAR_PORT_FAIL: Arbiter reported failure to de-register port [dec] in group [dec] return_code [hex] ([chars]).`

Explanation The supervisor has experienced an arbiter setup failure .

Recommended Action No action is required.

Error Message `XBAR-5-ARB_INIT_MOD_DIS_INTR_FAIL: Arbiter reported failure to disable interrupt for module [dec] return_code [hex] ([chars]).`

Explanation The supervisor has experienced an arbiter setup failure .

Recommended Action No action is required.

Error Message `XBAR-5-ARB_INIT_MOD_INSERT_CHECK_FAIL: Arbiter reported failure to recognize module [dec] return_code [hex] ([chars]).`

Explanation The supervisor has experienced an arbiter setup failure .

Recommended Action No action is required.

Error Message `XBAR-5-ARB_INIT_MOD_INSERT_FAIL: Arbiter reported failure to init module [dec] return_code [hex] ([chars]).`

Explanation The supervisor has experienced an arbiter setup failure .

Recommended Action No action is required.

Error Message `XBAR-5-ARB_INIT_MOD_INTR_FAIL: Arbiter reported failure to enable interrupt for module [dec] return_code [hex] ([chars]).`

Explanation The supervisor has experienced an arbiter setup failure .

Recommended Action No action is required.

Error Message `XBAR-5-ARB_INIT_MOD_REMOVE_FAIL: Arbiter reported failure to remove module [dec] return_code [hex] ([chars]).`

Explanation The supervisor has experienced an arbiter setup failure .

Recommended Action No action is required.

Error Message `XBAR-5-ARB_INIT_PORT_FAIL: Arbiter reported failure to register port [dec] in group [dec] return_code [hex] ([chars]).`

Explanation The supervisor has experienced an arbiter setup failure .

Recommended Action No action is required.

Error Message `XBAR-5-MOD_CONNECTION_REATTEMPT: Re-attempting XBAR connection with module [dec]`

Explanation The module has experienced a setup failure on connecting the module to the fabric.

Recommended Action Collect more informations about XBAR component Use command 'show xbar internal event-history module <module id>'. Power cycling the module may recover.

Error Message `XBAR-5-SYNC_THRESHOLD_FAILURE: Module resync threshold exceeded [chars] [chars] module %i`

Explanation This module has exceeded the number of resync attempts in a day. Module will be reloaded

Recommended Action No action is required.

Error Message `XBAR-5-XBAR_ENABLE_FPOE_DB_FAILURE: XBAR [chars] enabling FPOE-DB mode failed`

Explanation The supervisor failed to enable FPOE-DB mode in fabric. The supervisor is going to reboot. In case of dual supervisor, a switchover will occur.

Recommended Action No action is required.

Error Message `XBAR-5-XBAR_INIT_FAILURE: XBAR [chars] initialization failed [chars] %i`

Explanation The supervisor has experienced a fabric initialization failure. The supervisor is going to reboot. In case of dual supervisor, a switchover will occur.

Recommended Action No action is required.

Error Message `XBAR-5-XBAR_INIT_FAIL: Xbar [[dec].[dec]] reported failure durinig intialization return_code [hex] ([chars]).`

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message `XBAR-5-XBAR_MOD_LC_INSERT_SEQ_FAILURE: Module in slot [dec] has failed insert sequence`

Explanation The xbar manager is failing the insert sequence

Recommended Action No action is required.

Error Message `XBAR-5-XBAR_PORT_CHECK_SYNC_FAIL: Xbar [[dec].[dec]] reported failure to check sync on port [dec] return_code [hex] ([chars]).`

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message `XBAR-5-XBAR_PORT_CONTINUE_SYNC_FAIL: Xbar [[dec].[dec]] reported failure to continue sync on port [dec] return_code [hex] ([chars]).`

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message `XBAR-5-XBAR_PORT_DISABLE_FAIL: Xbar [[dec].[dec]] reported failure to disable port [dec] return_code [hex] ([chars]).`

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message `XBAR-5-XBAR_PORT_ENABLE_FAIL: Xbar [[dec].[dec]] reported failure to enable port [dec] return_code [hex] ([chars]).`

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message `XBAR-5-XBAR_PORT_FORCE_POE_DISABLE_FAIL: Xbar [[dec].[dec]] reported failure to disable force poe mode on [dec] return_code [hex] ([chars]).`

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message `XBAR-5-XBAR_PORT_FORCE_POE_ENABLE_FAIL: Xbar [[dec].[dec]] reported failure to enable force poe mode on [dec] return_code [hex] ([chars]).`

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message `XBAR-5-XBAR_PORT_LPBACK_DISABLE_FAIL: Xbar [[dec].[dec]] reported failure to disable port loopback on [dec] return_code [hex] ([chars]).`

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message `XBAR-5-XBAR_PORT_LPBACK_ENABLE_FAIL: Xbar [[dec].[dec]] reported failure to enable port loopback on [dec] return_code [hex] ([chars]).`

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message `XBAR-5-XBAR_PORT_START_SYNC_FAIL: Xbar [[dec].[dec]] reported failure to start sync on port [dec] return_code [hex] ([chars]).`

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message `XBAR-5-XBAR_RELEASE_ACCESS_FAIL: Slot [dec] reported failure releasing [chars] xbar access return_code [hex] ([chars])`

Explanation The supervisor has experienced an xbar access failure .

Recommended Action No action is required.

Error Message `XBAR-5-XBAR_SET_ACCESS_FAIL: Slot [dec] reported failure acquiring [chars] xbar access return_code [hex] ([chars])`

Explanation The supervisor has experienced an xbar access failure .

Recommended Action No action is required.

Error Message `XBAR-5-XBAR_STANDBY_SUP_ARB_FAIL: [chars] return_code [hex] ([chars])`

Explanation The supervisor has experienced an arbiter access failure .

Recommended Action No action is required.

Error Message `XBAR-5-XBAR_STATUS_REPORT: Module [dec] reported status for component [dec] code [hex].`

Explanation An error status has been reported. If error is on supervisor, the supervisor is going to reboot. In case of dual supervisors, a switchover will occur. If error is on module, the module will be power cycled.

Recommended Action No action is required.

Error Message `XBAR-5-XBAR_SW_INIT_FAIL: Xbar [[dec].[dec]] reported failure durinig sw intialization return_code [hex] ([chars]).`

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message `XBAR-5-XBAR_VERSION_CHECK_FAILURE: XBAR [chars] SCZ version check failed [chars] %i`

Explanation The standby and active SUPs dont have the same Santacruz version, standby SUP will not be allowed to power-up, Please ensure that the santcruz versions on both sup's are the same.

Recommended Action No action is required.

XMLMA Messages

This section contains the XMLMA messages.

XMLMA-2

Error Message `XMLMA-2-HEARTBEAT_FAIL: XML master agent failed to send heart beat: [chars]`

Explanation XML master agent has failed sending heartbeat.

Recommended Action No action is required.

Error Message `XMLMA-2-INITFAIL: XML master agent initialization fails: [chars]`

Explanation XML master agent has failed initialization.

Recommended Action No action is required.

Error Message `XMLMA-2-MTSERROR: XML master agent mts operation failed: [chars]`

Explanation XML master agent mts operation failed.

Recommended Action No action is required.

Error Message `XMLMA-2-PSSFAILURE: XML master agent pss operation failed: [chars]`

Explanation XML master agent pss operation failed.

Recommended Action No action is required.

Error Message `XMLMA-2-XMLMACRIT: XML master agent: [chars]`

Explanation XML master agent critical log.

Recommended Action No action is required.

XMLMA-3

Error Message `XMLMA-3-XMLMAERR: XML master agent: [chars]`

Explanation XML master agent error log.

Recommended Action No action is required.

XMLMA-5

Error Message `XMLMA-5-STARTING: XML master agent started [chars]`

Explanation XML master agent has been started.

Recommended Action No action is required.

XMLMA-6

Error Message `XMLMA-6-XMLMAEXIT: XML master agent exiting...: [chars]`

Explanation XML master agent is exiting.

Recommended Action No action is required.

Error Message `XMLMA-6-XMLMALOG: XML master agent operation log: [chars]`

Explanation XML master agent operation log.

Recommended Action No action is required.

XMLSA Messages

This section contains the XMLSA messages.

XMLSA-2

Error Message `XMLSA-2-HEARTBEAT_FAIL: XML sub agent failed sending heart beat: [chars]`

Explanation XML sub agent failed sending heartbeat.

Recommended Action No action is required.

Error Message `XMLSA-2-INITFAIL: XML sub agent initialization fails: [chars]`

Explanation XML agent has failed initialization.

Recommended Action No action is required.

Error Message `XMLSA-2-USER_INACTIVE: XML sub agent timeed out: [chars]`

Explanation XML sub agent timedout due to inactivity.

Recommended Action No action is required.

Error Message `XMLSA-2-VSH_ERR: XML sub agent vsh cmd error...: [chars]`

Explanation XML sub agent vsh cmd error.

Recommended Action No action is required.

XMLSA-5

Error Message `XMLSA-5-STARTING: XML sub agent started: [chars]`

Explanation XML sub agent has been started.

Recommended Action No action is required.

XMLSA-6

Error Message `XMLSA-6-XMLSAEXIT: XML sub agent exiting...: [chars]`

Explanation XML sub agent is exiting.

Recommended Action No action is required.

Error Message `XMLSA-6-XMLSALOG: XML sub agent log: [chars]`

Explanation XML sub agent log.

Recommended Action No action is required.

ZBM Messages

This section contains the ZBM messages.

ZBM-2

Error Message `ZBM-2-ZBM_HA_FAILURE: Failed to do high availability operation: [chars].`

Explanation Failed to do high availability operation. [chars] is the reason.

Recommended Action No action is required.

Error Message `ZBM-2-ZBM_INIT_FAILED: Initialization failed for ZBM: [chars], reason: [hex].`

Explanation Initialization failed for ZBM due to [chars], reason: [hex].

Recommended Action No action is required.

Error Message `ZBM-2-ZBM_INIT_WARNING: Initialization warning for ZBM: [chars], reason: [hex].`

Explanation Initialization warning for ZBM due to [chars], reason: [hex].

Recommended Action No action is required.

Error Message `ZBM-2-ZBM_LINECARD_STATUS: Status from linecard: [dec], for module: [chars](ID: [dec]), status : [dec], error_id: [hex], catastrophic: [chars], restart count: [dec].`

Explanation Status from linecard: [dec], for module: [chars](ID: [dec]), status : [dec], error_id: [hex], catastrophic: [chars], restart count: [dec].

Recommended Action No action is required.

Error Message `ZBM-2-ZBM_MALLOC_FAILURE: Memory allocation failed for size [dec]`

Explanation Memory allocation is failed for size [dec] bytes.

Recommended Action Restart the process.

Error Message `ZBM-2-ZBM_MTS_FAILURE: Failed to do MTS operation: [chars].`

Explanation Failed to do MTS operation. [chars] is the reason.

Recommended Action No action is required.

Error Message `ZBM-2-ZBM_MTS_REGISTRATION_FAILED: MTS options setting to [hex] failed for opCode: [dec].`

Explanation MTS options setting to [hex] failed for opCode: [dec].

Recommended Action No action is required.

Error Message `ZBM-2-ZBM_PSS_FAILURE: Failed to do PSS operation: [chars], reason: [hex].`

Explanation Failed to do PSS operation [chars]. [hex] is the reason.

Recommended Action No action is required.

Error Message `ZBM-2-ZBM_PSS_VER_FAIL: PSS file [chars] has version [dec].[dec].[dec], expected version [dec].[dec].[dec].`

Explanation There was a mismatch in the PSS version. [chars] indicates the PSS service, [dec].[dec].[dec] its current version number and [dec].[dec].[dec] the expected version.

Recommended Action No action is required.

Error Message `ZBM-2-ZBM_RUNTIME_FAILURE: [chars] [dec], Error: [hex]`

Explanation ZBM runtime failure is reported as [chars] [dec], reason: [hex].

Recommended Action No action is required.

Error Message `ZBM-2-ZBM_TCAM_FAILURE: Failed to do TCAM operation: [chars].`

Explanation Failed to do TCAM operation. [chars] is the reason.

Recommended Action No action is required.

Error Message `ZBM-2-ZBM_TCAM_SEND: [chars]`

Explanation Sending to tcam [chars]

Recommended Action No action is required.

ZBM-4

Error Message `ZBM-4-ZBM_WARNING: [chars] [dec]`

Explanation ZBM warning messages is reported as [chars] [dec].

Recommended Action No action is required.

ZBM-6

Error Message `ZBM-6-ZBM_DIAG_EVENT_STATUS: [chars] [hex].`

Explanation ZBM system health management event status is reported as [chars] [hex].

Recommended Action No action is required.

Error Message `ZBM-6-ZBM_ECHO_PROGRAMMING_FAILED: [chars].`

Explanation Programming echo entry failed for [chars].

Recommended Action No action is required.

Error Message `ZBM-6-ZBM_E_PORT_EVENT_STATUS: [chars] [chars].`

Explanation ZBM xEport event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message `ZBM-6-ZBM_FCC_EVENT_STATUS: [chars] [chars].`

Explanation ZBM FCC event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message `ZBM-6-ZBM_INIT_PROCESS: Zone Block Mgr process started [chars] at [chars]`

Explanation Zone Block Mgr process started in [chars] (stateless/stateful) mode at time [chars].

Recommended Action No action is required.

Error Message `ZBM-6-ZBM_LINECARD_EVENT_STATUS: [chars] [hex].`

Explanation ZBM linecard event status is reported as [chars] [dec].

Recommended Action No action is required.

Error Message `ZBM-6-ZBM_MCAST_EVENT_STATUS: [chars] [chars].`

Explanation ZBM multicast event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message `ZBM-6-ZBM_NX_PORT_EVENT_STATUS: [chars] [chars].`

Explanation ZBM Nx Port event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message `ZBM-6-ZBM_PORT_MODE_EVENT_STATUS: [chars] [chars].`

Explanation ZBM portmode event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message `ZBM-6-ZBM_RUNTIME_STATUS: [chars] [dec]`

Explanation ZBM runtime status is reported as [chars] [dec].

Recommended Action No action is required.

Error Message `ZBM-6-ZBM_STATUS: ZBM Status: [chars].`

Explanation ZBM status is reported as [chars].

Recommended Action No action is required.

Error Message `ZBM-6-ZBM_UPDATE_SSRAM_QOS_EVENT_STATUS: [chars] [chars].`

Explanation ZBM update SSRAM for QoS event status is reported as [chars] [chars].

Recommended Action No action is required.

ZONE Messages

This section contains the ZONE messages.

ZONE-2

Error Message `ZONE-2-LZ_EXITING: LUN/Read-only zoning process exited. Reason: [chars]`

Explanation The LUN/Read-only zoning process has exited due to [char]. The process has probably been restarted automatically.

Recommended Action No action is required.

Error Message `ZONE-2-LZ_GENERAL_ERROR: [chars]`

Explanation The LUN/Read-only zoning process has encountered a critical error. The description of error is [str].

Recommended Action No action is required.

Error Message `ZONE-2-LZ_INIT_FAILED: Initialization of LUN/Read-only zoning Process failed at [chars]`

Explanation Initialization of LUN/Read-only zoning process failed at [char].

Recommended Action No action is required.

Error Message `ZONE-2-LZ_MALLOC_ERROR: Size [dec] bytes`

Explanation The LUN/Read-only zoning process could not allocate memory.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message `ZONE-2-ZS_ALIAS_LIMIT_EXCEEDED: The limit for maximum number of aliases exceeded`

Explanation The number of aliases configured has exceeded the maximum number of aliases allowed per vsan Due to this, distribution or merge operation may fail.

Recommended Action Make sure the number of aliases is less than the maximum allowed in a vsan.

Error Message `ZONE-2-ZS_ATTR_GROUP_LIMIT_EXCEEDED: The limit for maximum number of attribute groups exceeded`

Explanation The number of attribute groups configured has exceeded the maximum number of attribute groups allowed in a vsan Due to this, distribution or merge operation may fail.

Recommended Action Make sure the number of attribute groups is less than the maximum allowed in a vsan.

Error Message `ZONE-2-ZS_CHANGE_ACA_FAILED: ACA failed : [chars]`

Explanation Zone Server cannot acquire change authorization : [chars].

Recommended Action Verify the interoperability mode on all the switches OR retry later.

Error Message `ZONE-2-ZS_CHANGE_ACQUIRE_AUTH_FAILED: Acquire authorization failed on VSAN [dec]`

Explanation Zone Server cannot acquire authorization on VSAN [dec].

Recommended Action No action is required.

Error Message `ZONE-2-ZS_CHANGE_ACTIVATION_FAILED_RESN_DOM: Activation failed : reason [chars] domain [dec]`

Explanation Zone Server cannot activate due to reason [chars] on domain [dec].

Recommended Action No action is required.

Error Message `ZONE-2-ZS_CHANGE_ACTIVATION_FAILED_RESN: Activation failed : reason [chars]`

Explanation Zone Server cannot activate due to reason [chars].

Recommended Action No action is required.

Error Message `ZONE-2-ZS_CHANGE_ACTIVATION_FAILED: Activation failed`

Explanation Zone Server cannot activate the zoneset.

Recommended Action No action is required.

Error Message `ZONE-2-ZS_CHANGE_APPLY_FAILED: Apply changed failed on VSAN [dec]`

Explanation Zone Server cannot apply changes on VSAN [dec].

Recommended Action No action is required.

Error Message `ZONE-2-ZS_CHANGE_DEACTIVATION_FAILED_RESN_DOM: Deactivation failed : reason [chars] domain [dec]`

Explanation Zone Server cannot deactivate due to reason [chars] on domain [dec].

Recommended Action No action is required.

Error Message `ZONE-2-ZS_CHANGE_DEACTIVATION_FAILED_RESN: Deactivation failed : reason [chars]`

Explanation Zone Server cannot deactivate due to reason [chars].

Recommended Action No action is required.

Error Message `ZONE-2-ZS_CHANGE_DEACTIVATION_FAILED: Deactivation failed`

Explanation Zone Server cannot deactivate the zoneset.

Recommended Action No action is required.

Error Message `ZONE-2-ZS_CHANGE_RELEASE_AUTH_FAILED: Release authorization failed on VSAN [dec]`

Explanation Zone Server cannot release authorization on VSAN [dec].

Recommended Action No action is required.

Error Message `ZONE-2-ZS_CHANGE_RRCA_REJECTED: RRCA received from remote domain [dec] is rejected: [chars]`

Explanation Received invalid RRCA from domain [dec]. : [chars]

Recommended Action Verify the interoperability mode on the switch.

Error Message `ZONE-2-ZS_CHANGE_RUFC_REJECTED: RUFC received from remote domain [dec] is rejected: [chars]`

Explanation Received invalid RUFC from domain [dec]. : [chars]

Recommended Action Verify the interoperability mode on the switch.

Error Message `ZONE-2-ZS_CHANGE_SFC_FAILED: SFC failed : [chars]`

Explanation Zone Server cannot stage zone configuration : [chars].

Recommended Action Verify the interoperability mode on all the switches.

Error Message `ZONE-2-ZS_CHANGE_SFC_REJECTED: SFC received from remote domain [dec] is rejected: [chars]`

Explanation Received invalid SFC from domain [dec]. : [chars]

Recommended Action Verify the interoperability mode on the switch.

Error Message `ZONE-2-ZS_CHANGE_STAGE_ACTIVATE_ZSSET_BY_NAME_FAILED: Stage activate zoneset by name failed on VSAN [dec]`

Explanation Zone Server cannot stage activate zoneset by name on VSAN [dec].

Recommended Action No action is required.

Error Message `ZONE-2-ZS_CHANGE_STAGE_ACTIVATE_ZSSET_ENH_FAILED: Stage activate zone set enhanced failed on VSAN [dec]`

Explanation Zone Server cannot stage activate zone set enhanced on VSAN [dec].

Recommended Action No action is required.

Error Message `ZONE-2-ZS_CHANGE_STAGE_DEACTIVATE_ZSSET_ENH_FAILED: Stage deactivate zoneset enhanced failed on VSAN [dec]`

Explanation Zone Server cannot stage deactivate zoneset enhanced on VSAN [dec].

Recommended Action No action is required.

Error Message `ZONE-2-ZS_CHANGE_STAGE_DISTRIBUTE_DFLT_ZONE_FAILED: Stage distribute default zone failed on VSAN [dec]`

Explanation Zone Server cannot stage distribute default zone on VSAN [dec].

Recommended Action No action is required.

Error Message `ZONE-2-ZS_CHANGE_STAGE_DISTRIBUTE_ZS_DB_FAILED: Stage distribute zoneset database failed on VSAN [dec]`

Explanation Zone Server cannot stage distribute zoneset database on VSAN [dec].

Recommended Action No action is required.

Error Message `ZONE-2-ZS_CHANGE_STAGE_SET_ZONING_MODE_FAILED: Stage set zoning mode failed on VSAN [dec]`

Explanation Zone Server cannot stage set zoning mode on VSAN [dec].

Recommended Action No action is required.

Error Message `ZONE-2-ZS_CHANGE_STAGE_SET_ZONING_POLICIES_FAILED: Stage set zoning policies failed on VSAN [dec]`

Explanation Zone Server cannot stage set zoning policies on VSAN [dec].

Recommended Action No action is required.

Error Message `ZONE-2-ZS_DB_OPERATION_FAILED: Database operation error: [chars]`

Explanation Database operation is failed : [chars].

Recommended Action No action is required.

Error Message `ZONE-2-ZS_EXPORT_IMPORT_FAILED: [chars] operation failed`

Explanation [chars] (Export/Import) operation failed.

Recommended Action No action is required.

Error Message `ZONE-2-ZS_FIPS_COMPLIANCE_FAILURE: FIPS compliance error: consecutively same random numbers`

Explanation FIPS compliance error: consecutively same random numbers

Recommended Action No action is required.

Error Message `ZONE-2-ZS_INIT_FAILED: [chars]`

Explanation Zone Server initialization failed : [chars].

Recommended Action No action is required.

Error Message `ZONE-2-ZS_LICENSE_UNAVAIL: License:[chars] unavailable, removing LUN members, read-only attribute and re-activating active zonesets on all affected VSANs`

Explanation License:[char] unavailable, removing LUN members, read-only attribute and re-activating active zonesets on all affected VSANs.

Recommended Action No action is required.

Error Message `ZONE-2-ZS_LIC_FAILURE: License [chars] operation failed for license [chars]`

Explanation License [char] operation failed for license [char].

Recommended Action No action is required.

Error Message `ZONE-2-ZS_LUN_DISABLING_FAILED: license expiry handling failed for VSAN [dec]`

Explanation License expiry handling failed for VSAN [dec].

Recommended Action No action is required.

Error Message `ZONE-2-ZS_LUN_MEMBER_LIMIT_EXCEEDED: The limit for maximum number of lun members exceeded`

Explanation The number of lun members configured has exceeded the maximum number of lun members allowed across all vsans Due to this, distribution or merge operation may fail.

Recommended Action Make sure the number of lun members is less than the maximum allowed across all vsans.

Error Message `ZONE-2-ZS_MALLOC_FAILURE: Memory allocation failed for size [dec]`

Explanation Memory allocation is failed for size [dec] bytes.

Recommended Action Restart the process.

Error Message `ZONE-2-ZS_MEMBER_LIMIT_EXCEEDED: The limit for maximum number of members exceeded`

Explanation The number of members configured has exceeded the maximum number of members allowed across all vsans Due to this, distribution or merge operation may fail.

Recommended Action Make sure the number of members is less than the maximum allowed across all vsans.

Error Message `ZONE-2-ZS_MERGE_ADJ_NO_RESPONSE: Adjacent switch not responding, isolating interface [chars]`

Explanation Interface [chars] isolated due to adjacent switch not responding to Zone Server requests.

Recommended Action Flap the interface.

Error Message `ZONE-2-ZS_MERGE_FAILED: Zone merge failure, isolating interface [chars] [chars]`

Explanation Interface [chars] isolated due to zone merge failure. error [chars]

Recommended Action Compare active zoneset with the adjacent switch OR use zone merge interface [interface] {import/export} VSAN [VSAN-num] command.

Error Message `ZONE-2-ZS_MERGE_FULL_DATABASE_MISMATCH: Zone merge full database mismatch on interface [chars]`

Explanation Full zoning databases are inconsistent between two switches connected by interface [chars]. Databases are not merged.

Recommended Action Compare full zoning database with the adjacent switch, correct the difference and flap the link.

Error Message `ZONE-2-ZS_MERGE_UNKNOWN_FORMAT: Unknown format, isolating interface [chars]`

Explanation Interface [chars] isolated due to unknown format in merge request.

Recommended Action Set the interoperability mode to same value on both switches.

Error Message `ZONE-2-ZS_MTS_OPER_FAILED: MTS [chars] operation failed : [chars]`

Explanation Zone Server MTS [chars] operation failed : [chars].

Recommended Action No action is required.

Error Message `ZONE-2-ZS_PORT_SWAP_FAILURE: Port swap operation failed`

Explanation Port swap operation failed.

Recommended Action No action is required.

Error Message `ZONE-2-ZS_PSS_VER_MISMATCH: PSS version mismatch URL: [chars] (expected [chars], got [chars])`

Explanation Configuration version mismatch. PSS URL [chars]. Expected version [chars], stored version [chars].

Recommended Action Upgrade/Downgrade to expected version.

Error Message `ZONE-2-ZS_TCAM_BROADCAST_ZONE_DISABLED: Broadcast zoning disabled : Reason: Hard zoning disabled`

Explanation Broadcast zoning disabled : Reason: Hard zoning disabled due to TCAM programming failure.

Recommended Action No action is required.

Error Message `ZONE-2-ZS_TCAM_LUN_ZONING_DISABLED: LUN zoning disabled : Reason: Hard zoning disabled`

Explanation LUN zoning disabled : Reason: Hard zoning disabled due to TCAM programming failure.

Recommended Action No action is required.

Error Message `ZONE-2-ZS_TCAM_PROGRAMMING_FAILED: TCAM operation failed : [chars], Reason: [chars]`

Explanation TCAM Programming failure has occurred : [chars]. [chars] is the reason for failure.

Recommended Action No action is required.

Error Message `ZONE-2-ZS_TCAM_READ_ONLY_ZONE_DISABLED: Read-only zoning disabled : Reason: Hard zoning disabled`

Explanation Read-only zoning disabled : Reason: Hard zoning disabled due to TCAM programming failure.

Recommended Action No action is required.

Error Message `ZONE-2-ZS_TCAM_SWITCHED_TO_SOFT_ZONING_MODE: Switched to soft zoning : Reason: Hard zoning disabled`

Explanation Switched to soft zoning : Reason: Hard zoning disabled due to TCAM programming failure.

Recommended Action No action is required.

Error Message `ZONE-2-ZS_VIRTUAL_DOMAIN_INCONSISTENT: IVR reporting virtual domain different from rib and domain manager in vsan [dec]`

Explanation IVR reporting virtual domain different from rib and domain manager in vsan [dec].

Recommended Action No action is required.

Error Message `ZONE-2-ZS_ZONE_LIMIT_EXCEEDED: The limit for maximum number of zones exceeded`

Explanation The number of zones configured has exceeded the maximum number of zones allowed across all vsans Due to this, distribution or merge operation may fail.

Recommended Action Make sure the number of zones is less than the maximum allowed across all vsans.

Error Message `ZONE-2-ZS_ZONE_SET_LIMIT_EXCEEDED: The limit for maximum number of zonesets exceeded`

Explanation The number of zonesets configured has exceeded the maximum number of zonesets allowed across all vsans Due to this, distribution or merge operation may fail.

Recommended Action Make sure the number of zonesets is less than the maximum allowed across all vsans.

ZONE-3

Error Message `ZONE-3-LZ_UNKNOWN_MSG: Recvd. from Node=[dec] SAP=[dec]`

Explanation The LUN/Read-only zoning process has received an unknown message from [dec]].[dec]. This information is for debugging only.

Recommended Action No action is required.

Error Message `ZONE-3-ZS_ACTIVATION_FAILED_DUE_TO_QOS_DISABLED: Activation failed due to qos not enabled`

Explanation Activation of zoneset failed due to qos not enabled

Recommended Action Make sure qos is enabled and reactivate the zoneset in vsan.

ZONE-4

Error Message `ZONE-4-LZ_OTHER_CMD_TO_ZONED_OUT_LUN: FCP command [hex] received from SID=[chars] to DID=[chars] for LUN=[chars]`

Explanation The LUN/Read-only zoning process has received. FCP command [int] from SID [char] to DID [char] for a zoned out LUN [char].

Recommended Action No action is required.

Error Message `ZONE-4-ROZ_WRITE_ACCESS_TO_READ_ONLY_LUN: FCP command [hex] received from SID=[chars] to DID=[chars] for LUN=[chars]`

Explanation The LUN/Read-only zoning process has received FCP command [int] from SID [char] to DID [char] for a read-only LUN [char].

Recommended Action No action is required.

Error Message `ZONE-4-ZS_BROADCAST_LUN_WARNING: LUN member(s) and Broadcast attribute are present in zone [chars] in vsan [dec]. Broadcast violations can occur for LUN members.`

Explanation Broadcast violations can happen in zone [chars] in vsan [dec] since it has LUN zone members.

Recommended Action No action is required.

Error Message `ZONE-4-ZS_CHANGE_LC_UPGRADE_IN_PROGRESS: Change protocol request is received from domain [dec] when linecard upgrade is in progress`

Explanation A change request has been received from domain [dec] when a linecard upgrade is in progress. The change request is rejected.

Recommended Action No action is required.

Error Message `ZONE-4-ZS_DB_WARNING: [chars]`

Explanation Database operation warning: [chars].

Recommended Action No action is required.

Error Message `ZONE-4-ZS_DOMAIN_MGR_WARNING: Unable to retrieve domain info from domain mgr error: [chars] in vsan [dec]`

Explanation Unable to retrieve info of domain from domain manager, error: [chars] in vsan [dec].

Recommended Action No action is required.

Error Message `ZONE-4-ZS_FC2_OPER_FAILED: FC2 [chars] operation failed : [chars]`

Explanation Zone Server FC2 [chars] operation failed : [chars].

Recommended Action No action is required.

Error Message `ZONE-4-ZS_IF_PORT_MODE_CONFLICT: Port mode conflict for if [chars]`

Explanation Port mode conflict for if [chars]

Recommended Action Shutdown/no shutdown the interface

Error Message `ZONE-4-ZS_INVALID_FPORT_WWN_MEMBER: Virtual device fwwn: [chars] is not a valid zone/alias member virtual name: [chars] pwwn: [chars]`

Explanation Virtual device fwwn: [chars] is not a valid zone/alias member, virtual name: [chars] pwwn: [chars].

Recommended Action No action is required.

Error Message `ZONE-4-ZS_LC_UPGRADE_CHANGE_IN_PROGRESS: Linecard upgrade request is received when change protocol is in progress`

Explanation A request for linecard upgrade has been received when change protocol is in progress. The linecard upgrade will occur after the completion of the change protocol.

Recommended Action No action is required.

Error Message `ZONE-4-ZS_LICENSE_EXPIRY_WARNING: Feature [chars] evaluation license [chars] expiry in [dec] days`

Explanation Feature [chars1] will exceed it's evaluation time period in [dec] days and will be shut down unless a permanent license [chars2] is installed.

Recommended Action Please install the license file to continue using the feature.

Error Message `ZONE-4-ZS_MEMBER_CONVERSION_FAILED: Zone Member conversion failed for [chars]. Error: [chars]`

Explanation Zone Member conversion has failed in : [chars] due to error: [chars]

Recommended Action No action is required.

Error Message `ZONE-4-ZS_NON_INTEROPERABLE_ZONE_SET: Non interoperable active zoneset present on VSAN [dec] in interoperability mode`

Explanation Active zoneset has non interoperable members (FCID, FWWN, ..) when interoperability mode is turned on the VSAN [dec].

Recommended Action Turn off interoperability mode OR make sure that active zoneset has only interoperable members (PWWN).

Error Message `ZONE-4-ZS_QOS_LUN_WARNING: LUN member(s) and QoS attribute are present in zone [chars] in vsan [dec]. QoS will not be applicable for LUN members.`

Explanation QoS will not be applicable to LUN zone members in zone [chars] in vsan [dec].

Recommended Action No action is required.

Error Message `ZONE-4-ZS_SDV_VIRT_REAL_CONFLICT_WARNING: Virtual and Real devices are zoned together or zoned with same device. virtual name: [chars] pwwn: [chars]`

Explanation Virtual and Real devices are zoned together or zoned with same device, virtual name: [chars] pwwn: [chars].

Recommended Action No action is required.

Error Message `ZONE-4-ZS_TOO_MANY_ALIAS_IN_CURRENT_INTEROP_MODE: Too many aliases in current interoperability mode`

Explanation Too many aliases configured in current interoperability mode on the VSAN. Due to this, the next zoneset activation, distribution or merge operation may fail.

Recommended Action Set the interoperability mode to appropriate value OR make sure the number of aliases is less than the maximum allowed in the current interoperability mode.

Error Message `ZONE-4-ZS_UNSUPPORTED_MEMBER_IN_CURRENT_INTEROP_MODE: Unsupported member present in active or full zoneset in current interoperability mode`

Explanation Active or full zoneset has members that are not supported in the current interoperability mode set on the VSAN.

Recommended Action Set the interoperability mode to appropriate value OR make sure that active or full zoneset has only supported members in the current interoperability mode.

ZONE-5

Error Message `ZONE-5-ZS_EXPORT_IMPORT_COMPLETE: [chars] operation completed`

Explanation [chars] (Export/Import) operation completed.

Recommended Action No action is required.

Error Message `ZONE-5-ZS_POLICY_CHANGE: Default zoning policy changed to [chars]`

Explanation Default zoning policy changed to (permit/deny).

Recommended Action No action is required.

Error Message `ZONE-5-ZS_ZONE_SET_ACTIVATED: Zoneset [chars] activated`

Explanation Zoneset [chars] activated.

Recommended Action No action is required.

Error Message `ZONE-5-ZS_ZONE_SET_DEACTIVATED: Zoneset deactivated`

Explanation Zoneset deactivated.

Recommended Action No action is required.

ZONE-6

Error Message `ZONE-6-LZ_BECAME_ACTIVE: LUN/Read-only zoning process became ACTIVE from standby mode`

Explanation The LUN/Read-only zoning process on the standby supervisor became active.

Recommended Action No action is required.

Error Message `ZONE-6-LZ_BECAME_STDBY: LUN/Read-only zoning process became STANDBY from active mode`

Explanation The LUN/Read-only zoning process became standby from active mode.

Recommended Action No action is required.

Error Message `ZONE-6-LZ_FAILED_TO_SEND_HEARTBEAT: LUN/Read-only zoning process failed to send heartbeat to system manager: Reason=[chars]`

Explanation The LUN/Read-only zoning process was unable to send heartbeat to the system manager.

Recommended Action No action is required.

Error Message `ZONE-6-LZ_GENERAL_EVENT: [chars]`

Explanation The LUN/Read-only zoning process has generated an important event. The description of the event is [str].

Recommended Action No action is required.

Error Message `ZONE-6-LZ_INQUIRY_TO_ZONED_OUT_LUN: INQUIRY command received from SID=[chars] to DID=[chars] for LUN=[chars]`

Explanation The LUN/Read-only zoning process has received INQUIRY FCP command from SID [char] to DID [char] for a zoned out LUN [char].

Recommended Action No action is required.

Error Message `ZONE-6-LZ_REPORT_LUNS_CMD_RCVD: REPORT LUNS command received from SID=[chars] to DID=[chars] for LUN=[chars]`

Explanation The LUN/Read-only zoning process has received REPORT LUNS FCP command from SID [char] to DID [char] for LUN [char].

Recommended Action No action is required.

Error Message `ZONE-6-LZ_REQUEST_SENSE_TO_ZONED_OUT_LUN: REQUEST SENSE command received from SID=[chars] to DID=[chars] for LUN=[chars]`

Explanation The LUN/Read-only zoning process has received. REQUEST SENSE FCP command from SID [char] to DID [char] for a zoned out LUN [char].

Recommended Action No action is required.

Error Message `ZONE-6-LZ_SERVICE_UP: LUN/Read-only zoning Process initialized [chars]`

Explanation The LUN/Read-only zoning process is up. The process was initialized in [char] mode.

Recommended Action No action is required.

Error Message `ZONE-6-LZ_SWITCHOVER: LUN/Read-only zoning process switching over to other supervisor.`

Explanation The LUN/Read-only zoning process has successfully switched over to the standby supervisor card.

Recommended Action No action is required.

Error Message `ZONE-6-ZS_CHANGE_ACA_REJECTED: ACA received from remote domain [dec] is rejected`

Explanation Received invalid ACA from domain [dec]. Either the domain list do not match OR authorization has already been acquired by another switch.

Recommended Action Verify the interoperability mode on the switch.

Error Message `ZONE-6-ZS_FC2_OPER_INFO: FC2 [chars] operation failed : [chars]`

Explanation Zone Server FC2 [chars] operation failed : [chars].

Recommended Action No action is required.

Error Message `ZONE-6-ZS_INIT_PROCESS: Zone Server process started [chars] at [chars]`

Explanation Zone Server process started in [chars] (stateless/stateful) mode at time [chars].

Recommended Action No action is required.

Error Message `ZONE-6-ZS_INIT_WARNING: [chars]`

Explanation Warning during Zone Server Initialization: [chars].

Recommended Action No action is required.

Error Message `ZONE-6-ZS_INVALID_MEMBER: Invalid member [dec] [chars]`

Explanation Invalid member type [dec] [chars] recieved from the API call.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site http://www.cisco.com/tac.

Error Message `ZONE-6-ZS_UNKNOWN_LIC_FEATURE: [chars]`

Explanation Zone Server received an event for an known licensing feature: [chars].

Recommended Action No action is required.