Cisco Nexus 3548 NX-OS System Messages Reference

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Cisco Nexus 3548 Switch System Messages Reference

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Preface

This document lists and describes the system messages for Cisco Nexus 3548 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 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 3548 switches.

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 3548 Switch	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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C H A P T E R **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

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

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

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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-SLOTnumber-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 : 2012 Nov 04 18:18:22 UTC: %AUTHPRIV-3-SYSTEM_MSG: ttyS1:
togetattr: Input/output error - getty[28224]
switch resident syslog 2012 Nov 4 18:18:22 switch %AUTHPRIV-3-SYSTEM_MSG: ttyS1:
togetattr: Input/output error - getty[28224]
time on switch : 2012 Nov 4 18:18:22 time on Loggng Server : Nov 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.

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C H A P T E R 2

System Messages and Recovery Procedures for the Cisco Nexus 3548 Switch

This chapter includes system messages for the Cisco NX-OS Nexus 3548 switch. 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 %11X, [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 happpend 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,checkPortClientandEth pmlogsanddebuginfo'`

   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.)

Cisco Nexus 3548 Switch System Messages Reference

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.

Cisco Nexus 3548 Switch System Messages Reference

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.

Cisco Nexus 3548 Switch System Messages Reference

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.

Cisco Nexus 3548 Switch System Messages Reference

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.

Cisco Nexus 3548 Switch System Messages Reference

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.

Cisco Nexus 3548 Switch System Messages Reference

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.

Cisco Nexus 3548 Switch System Messages Reference

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.

Cisco Nexus 3548 Switch System Messages Reference

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.

Cisco Nexus 3548 Switch System Messages Reference

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.

Cisco Nexus 3548 Switch System Messages Reference

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.

Cisco Nexus 3548 Switch System Messages Reference

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.

Cisco Nexus 3548 Switch System Messages Reference

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.

Cisco Nexus 3548 Switch System Messages Reference

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

Cisco Nexus 3548 Switch System Messages Reference

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.

Cisco Nexus 3548 Switch System Messages Reference

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.

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

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Cisco Nexus 3548 Switch System Messages Reference

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>

Cisco Nexus 3548 Switch System Messages Reference

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.

Cisco Nexus 3548 Switch System Messages Reference

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.

Cisco Nexus 3548 Switch System Messages Reference

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 continuously, 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 receiving 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 receiving 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.

Cisco Nexus 3548 Switch System Messages Reference

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.

Cisco Nexus 3548 Switch System Messages Reference

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

Cisco Nexus 3548 Switch System Messages Reference

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.

Cisco Nexus 3548 Switch System Messages Reference

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.

Cisco Nexus 3548 Switch System Messages Reference

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.

Cisco Nexus 3548 Switch System Messages Reference

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 initializazation 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.

Send document comments to nexus3k-docfeedback@cisco.com