



Preface

This document lists and describes the system messages for Cisco Nexus 5000 and Nexus 2000 series switches. The system software sends these messages to the console (and, optionally, to a logging server on another system) during operation. Not all messages indicate a problem with your system. Some messages are purely informational, while others might help diagnose problems with links, internal hardware, or the system software.

This document includes system messages for all Cisco Nexus 5000 and Nexus 2000 series software releases.

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

Audience

This guide is for system administrators who are responsible for managing Cisco Nexus 5000 and Nexus 2000 series systems.

Organization

This guide is organized as follows:

| Chapter | Title | Description |
|-----------|---|--|
| Chapter 1 | Introduction to System Messages for Cisco NX-OS | Describes the structure of system messages and the format of system log files. |
| Chapter 2 | System Messages and Recovery Procedures for the Cisco Nexus 5000 Family | Lists the messages that may appear in log files, and indicates suggested remedies where applicable for the Cisco Nexus 5000 and Nexus 2000 Series. |

Document Conventions

Command descriptions use these conventions:

| Convention | Description |
|---------------|--|
| boldface font | Commands and keywords are in boldface. |

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| | |
|---------------|---|
| 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. |
| <i>italic screen font</i> | 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.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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CHAPTER 1

Introduction to System Messages for Cisco NX-OS

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

This chapter contains the following sections:

- [System Log Message Format, page 1-1](#)
- [Capturing System Messages and History, page 1-5](#)

System Log Message Format

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

- [Syslog Format On a Resident Switch, page 1-1](#)
- [Syslog Format On a Remote-Logging Server, page 1-3](#)

Syslog Format On a Resident Switch

The format for a resident syslog is:

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

For example:

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

Table 1-1 System Log Message Format Description

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

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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 |

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

Table 1-4 System Log Message Format Description

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

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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)

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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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CHAPTER 2

System Messages and Recovery Procedures for the Cisco Nexus 5000 Family

This chapter includes system messages for the Cisco NX-OS Nexus 5000 and Nexus 2000 family of switches. The messages are listed in alphabetical order by the system facility that produces them. Within each system facility section, messages are listed alphabetically by severity and mnemonics. Each error message is followed by an explanation and a recommended action.

AAA Messages

This section contains the AAA messages.

AAA-1

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

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

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

AAA-2

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

Explanation Upgrading of accounting log failed.

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

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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.

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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 Aclog Flow: [chars]

Recommended Action No action is required.

ACLMGR Messages

This section contains the ACLMGR messages.

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ACLMGR-2

Error Message ACLMGR-2-ACLMGR_COMMIT_FAIL: Commit failed: client %lX, [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.

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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.

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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 %lX, [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 occurred.

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.

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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.

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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.

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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_QUEUEING_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_FC_WARNING: Found stale FCoE entry in instance [dec]. VSAN: [dec], SID: [hex], DID: [hex], SI:[dec], SI_MASK:[dec], RW_VSAN: [dec], RW_VSAN_FLAG: [dec], RW_SID: [hex], RW_SID_FLAG: [dec], RW_DID: [hex]. RW_DID_FLAG: [dec] Cleaning it up.

Explanation Found stale FCoE entry in instance [dec]. VSAN: [dec], SID: 0x[hex], DID: 0x[hex], SI:[dec], SI_MASK:[dec], RW_VSAN:[dec], RW_VSAN_FLAG: [dec], RW_SID: 0x[hex], RW_SID_FLAG:[dec], RW_DID: 0x[hex]. RW_DID_FLAG: [dec] Cleaning it up.

Recommended Action No DDTS.

Error Message

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.

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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 Attempted 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 Attempted 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.

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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.

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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_Q_FULL: MTS queue for SAP [dec] is full

Explanation MTS queue for SAP [dec] is full

Recommended Action No action is required.

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.

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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.

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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-ACL_TCAM_INV_TCAM_SYNC_ATTEMPT: Attempt to write invalid shadow entry: [dec] ([dec]/[dec]) to TCAM, fwd-engine: [dec] ([chars]), change-array: [dec]/[dec], <MSG_EXPL

Explanation TL Port Manager initialization failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message ACLTCAM-3-ACL_TCAM_MTS_Q_LEAK: Possible MTS buffer leak for SAP [dec]

Explanation Possible MTS buffer leak for SAP [dec]

Recommended Action No action is required.

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

Explanation TL Port Manager is out of dynamic memory. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message ACLTCAM-3-FC2ERROR: [chars]

Explanation TL Port Manager encountered an FC2 error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

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Error Message ACLTCAM-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 ACLTCAM-3-MTSERROR: [chars]

Explanation TL Port Manager encountered an MTS error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

Error Message ACLTCAM-3-PSSERROR: [chars]

Explanation TL Port Manager encountered a PSS error. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

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.

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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.

Error Message ACLTCAM-4-ACL_TCAM_MTS_Q_HIGH: MTS queue for SAP [dec] is close to full

Explanation MTS queue for SAP [dec] is close to full

Recommended Action No action is required.

Error Message ACLTCAM-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.

ACLTCAM-6

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

Explanation ACLTCAM status is reported as: [chars].

Recommended Action No action is required.

Error Message ACLTCAM-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.

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Error Message ACLTCAM-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 ACLTCAM-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 ACLTCAM-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.

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.

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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_Q_FULL: MTS queue for SAP [dec] is full

Explanation MTS queue for SAP [dec] is full

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.

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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-3

Error Message ACL-3-ACL_MTS_Q_LEAK: Possible MTS buffer leak for SAP [dec]

Explanation Possible MTS buffer leak for SAP [dec]

Recommended Action No action is required.

ACL-4

Error Message ACL-4-ACL_MTS_Q_HIGH: MTS queue for SAP [dec] is close to full

Explanation MTS queue for SAP [dec] is close to full

Recommended Action No action is required.

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.

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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.

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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.

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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.

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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 checkpoints reached, Removing the oldest checkpoint

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

Recommended Action No action is required.

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

Explanation Performing configuration rollback with atomic option

Recommended Action No action is required.

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

Explanation Performing configuration rollback with best-effort option

Recommended Action No action is required.

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

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

Recommended Action No action is required.

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

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

Recommended Action No action is required.

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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.

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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.

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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 Perform additional debugging to resolve the issue.

AUTHPRIV Messages

Error Message %AUTHPRIV-2-SYSTEM_MSG: [chars]

Explanation This message provides additional information about errors related to authentication and SSH.

Recommended Action No action is required.

BFDC Messages

This section contains the BFDC messages.

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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-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 interface [chars]. Reason [chars]

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

Recommended Action SYSLOGDPC_NO_ACTION

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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

BFD-4

Error Message BFD-4-INVALID_NBR: Attempt to register BFD session on invalid neighbor: [chars], by application=[chars]

Explanation Attempt to register BFD session on invalid neighbor: [chars] type that is not supported by BFD for application [chars].

Recommended Action No action is required.

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

Explanation Attempt to delete [dec] BFD session[chars] failed: Reason [chars] ([hex]).

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 nabled

Recommended Action No action is required.

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Error Message BFD-5-BFD_SESSION_ADD: BFD session [hex] added

Explanation BFD Service Disabled

Recommended Action No action is required.

Error Message BFD-5-BFD_SESSION_DOWN: BFD session [hex] down

Explanation BFD Service Disabled

Recommended Action No action is required.

Error Message BFD-5-BFD_SESSION_REM: BFD session [hex] removed

Explanation BFD Service Disabled

Recommended Action No action is required.

Error Message BFD-5-BFD_SESSION_UP: BFD session [hex] up

Explanation BFD Service Disabled

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_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.

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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.

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.

Error Message BFD-6-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-6-SESSION_LOCAL_PARAMS_CHANGE: Local parameter of BFD session [chars] has changed: [chars]

Explanation Local parameter of BFD session [chars] has changed: [chars]

Recommended Action No action is required.

Error Message BFD-6-SESSION_MOVED: BFD session [chars] has moved from [chars] to [chars]

Explanation BFD session [chars] has moved from [chars] to [chars]

Recommended Action No action is required.

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Error Message BFD-6-SESSION_NO_RESOURCES_CLR: Lack of resources condition has cleared for session to neighbor [chars] on interface [chars]

Explanation Lack of resources condition has cleared for session to neighbor [char] on interface [char].

Recommended Action No action is required.

Error Message BFD-6-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-6-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-6-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: [hex]. This may be as a result of the forwarding path being down.

Recommended Action No action is required.

Error Message BFD-6-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.

BIOS DAEMON Messages

This section contains the BIOS DAEMON messages.

Send document comments to nexus5k-docfeedback@cisco.com

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.

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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.

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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.

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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.

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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.

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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

Send document comments to nexus5k-docfeedback@cisco.com

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.

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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.

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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.

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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.

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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.

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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.

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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.

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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 occurred

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 occurred.

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 occurred.

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.

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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 occurred.

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 occurred.

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 occurred.

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.

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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.

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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.

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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.

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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.

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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.

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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.

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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.

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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.

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Error Message COPP-2-COPP_NO_POLICY: Control-plane is unprotected.

Explanation There isntanypolicyconfiguredtoprotectcontrol-plane.'

Recommended Action No action is required.

Error Message COPP-2-COPP_PROFILE_DIFF: CoPP Default Profile may have changed, please check the diffs using show copp diff profile <profile-type

Explanation CoPP Default Profile may have changed, please check the diffs using show copp diff profile <profile-type

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.

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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.

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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.

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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_REC'D_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.

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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.

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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.

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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.

DAEMON Messages

Error Message %DAEMON-2-SYSTEM_MSG: [chars]

Explanation This message provides information about errors related to SSH.

Recommended Action Perform additional debugging to resolve the issue

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\backendlibrary.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.

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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 Messages

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.

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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.

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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.

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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.

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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.

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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.

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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.

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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.

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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.

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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.

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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.

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.

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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.

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Error Message DFTM-SLOT#-2-DFTM_INVALID_INTF_NUM: DFTM has invalid number of interfaces [dec] in the DB

Explanation DFTM has invalid number of interfaces in the DB.

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.

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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 for vlan [dec], xlt_vlan [dec] on fe [dec]

Explanation DFTM failed to program VLAN Translation Table

Recommended Action No action is required.

DHCP_SNOOP Messages

This section contains the DHCP_SNOOP messages.

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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.

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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 received 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.

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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-PKTSENFFAIL: 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.

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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.

Error Message DHCP_SNOOP-4-SMARTRELAYMAXIPADDR: Smart relay is supported only on first [dec] IP addresses of the interface [chars].

Explanation There are more than SMARTRELAYMAXIPADDR addresses configured on the interface. [dec] is the number of IP addresses with which smart relay supported [chars] identifies the interface. This is an informational message.

Recommended Action No action is required.

Error Message DHCP_SNOOP-4-SMARTRELAYMAXLMT: Smart relay MAX limit [dec] reached. All subsequent DHCP packets will be relayed with primary address of inbound interface as relay agent address.

Explanation Smart relay MAX limit reached. [dec] is the number of smart relay bindings This is an informational message.

Recommended Action No action is required.

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Error Message DHCP_SNOOP-4-SUBNETBCASTRELAYMAXIPADDR: subnet-broadcast relay is supported only on first [dec] IP addresses of the interface [chars].

Explanation There are more than SUBNETBCASTRELAYMAXIPADDR addresses configured on the interface. [dec] is the number of IP addresses with which subnet-broadcast relay supported [chars] identifies the interface. This is an informational message.

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.

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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.

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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.

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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, reseal 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.

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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.

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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.

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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: Received 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

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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

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.

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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.

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DIAG_PORT_LB-2

Error Message DIAG_PORT_LB-2-FIPS_RANDOM_ERROR: Random Number Generation Failure

Explanation Random Number generation 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.

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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.

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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.

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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 Infrastructure. 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 configure 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.

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DIAG_PORT_LB-4

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.

DIAG_PORT_LB-5

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_SRVZ_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.

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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.

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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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

DOT1X-3

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: [chars].

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

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DOT1X-4

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 portsecurity configuration

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

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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

DOT1X-5

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.

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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.

DPP_DEBUG Messages

This section contains the DPP_DEBUG messages.

DPP_DEBUG-2

Error Message DPP_DEBUG-2-DPP_CRIT: [DPP[dec]] [chars]

Explanation A DPP generated a critical message

Recommended Action No action is required.

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DPVM Messages

This section contains the DPVM messages.

DPVM-2

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 pwnn query

Recommended Action Dpvm overwrite-duplicate-pwnn

DPVM-3

Error Message DPVM-3-DB_ERR: [chars]

Explanation An error occurred 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.

Send document comments to nexus5k-docfeedback@cisco.com**Error Message** DPVM-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** DPVM-3-PSS_ERR: [chars]**Explanation** An error occurred during a 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.**DPVM-4****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.**DPVM-6****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.**DRAP Messages**

This section contains the DRAP messages.

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DRAP-4

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.

DRAP-6

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.

DSTATS Messages

This section contains the DSTATS messages.

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DSTATS-2

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.

DSTATS-3

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.

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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.

ELTMC Messages

This section contains the ELTMC messages.

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ELTMC-SLOT#-2

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.

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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.

ELTM Messages

This section contains the ELTM messages.

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ELTM-2

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.

ELTM-5

Error Message ELTM-5-EXT_COMP_ERR: [chars] component error [chars]

Explanation Recently applied Multicast config on the interface was unsuccessful, so reverting to the old state (before config)

Recommended Action No action is required.

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ELTM-6

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>.

EOU Messages

This section contains the EOU messages.

EOU-2

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

EOU-5

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.

EOU-6

Error Message EOU-6-AAA_DOWN: Default Policy ip: [chars]:retained

Explanation Policy retained

Recommended Action No action is required.

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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.

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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.

EOU-7

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.

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EPLD_UPGRADE Messages

This section contains the EPLD_UPGRADE messages.

EPLD_UPGRADE-2

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.

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ETH-PORT-SEC-2

Error Message ETH-PORT-SEC-2-ETH_PORT_SEC_REGMAC_ADD_FAIL: Unable to add regmac [chars] for <[chars], vlan [dec]

Explanation Duplicate regmac detected

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_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-3-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-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.

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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.

ETHPORT-4

Error Message ETHPORT-4-IF_NON_QUALIFIED_TRANSCEIVER: Non-qualified transceiver on interface [chars] was detected

Explanation The transceiver for the interface specified has not been qualified on this platform for this software release

Recommended Action Replace the module with a supported transceiver. Contact Cisco TAC to get platform transceiver qualification details

ETHPORT-5

Error Message ETHPORT-5-IF_DOWN_NONE: Interface [chars] is down ([chars])

Explanation Interface is down with a possible reason.

Recommended Action Collect more information about port using command `showportinternalinfo/event-history'` to determine why it went down'

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.

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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.

ETHPORT Messages

This section contains the ETHPORT messages.

ETHPORT-2

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.

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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]) Follow PM <MSG_EXPL> Some component returned system error as a response to one of the port event sequence. </MSG_EXPL> ; <MSG_ACT> None </MSG_ACT> ; <MSG_DDTS> ethport </MSG_DDTS> ; <MSG_DEF> (122 << 3) - 5 -STORM_CONTROL_ABOVE_THRESHOLD </MSG_DEF> <MSG_TEXT> 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-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

ETHPORT-3

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

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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

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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

ETHPORT-4

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

ETHPORT-5

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.

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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.

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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

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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

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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

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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.

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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 because 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.

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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

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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

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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.

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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_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.

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ETH_PORT_CHANNEL Messages

This section contains the ETH_PORT_CHANNEL messages.

ETH_PORT_CHANNEL-1

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

ETH_PORT_CHANNEL-2

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.

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ETH_PORT_CHANNEL-3

Error Message ETH_PORT_CHANNEL-3-ALL_DROP_TIMEOUT: Some component(s) (sap:[chars]) 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 None

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.

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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>.

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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

ETH_PORT_CHANNEL-4

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.

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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.

ETH_PORT_CHANNEL-5

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.

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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-PCM_CHANNEL_GRP_ID_DEPRECATED: channel-group <id>

Explanation Channel-group <id>

Recommended Action No action is required.

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Error Message ETH_PORT_CHANNEL-5-PCM_MEMBERSHIP_CHANGE_ADD: Interface [chars] is added to [chars]

Explanation Membership change event occurred on the port-channel interface.

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-PCM_MEMBERSHIP_CHANGE_DEL: Interface [chars] is removed from [chars]

Explanation Membership change event occurred on the port-channel interface.

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-PCM_ROLLBACK_MAX_PORTS_EXCEEDED: Max ports per channel exceeded while trying to create port-channel [dec]. Rollback will be performed.

Explanation No action is required.

Recommended Action Port-channel

Error Message ETH_PORT_CHANNEL-5-PCM_ROLLBACK: Rollback for Port Channel [dec], module [dec]

Explanation Channel creation failed. Rollback has been performed.

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.

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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-5-SUBGROUP_ID_PORT_ADDED: Interface [chars] is added to port-channel[dec] with subgroup id [dec]

Explanation The port is added to port-channel

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-SUBGROUP_ID_PORT_REMOVED: Interface [chars] is removed from port-channel[dec] with subgroup id [dec]

Explanation The port is removed from port-channel

Recommended Action No action is required.

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ETH_PORT_CHANNEL-6

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.

ETH_PORT_CHANNEL-7

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.

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Error Message ETH_PORT_CHANNEL-7-START_STATELESS: started statelessly

Explanation Port-channel manager started with startup configuration

Recommended Action No action is required.

EUREKA_USD Messages

This section contains the EUREKA_USD messages.

EUREKA_USD-3

Error Message EUREKA_USD-3-MSG1: [chars]

Explanation Eureka log message

Recommended Action No action is required.

EVMC Messages

This section contains the EVMC messages.

EVMC-3

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.

EVMC-4

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 is not allowed and hence, has been rejected

Recommended Action No action is required.

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EVMC-5

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.

EVMS Messages

This section contains the EVMS messages.

EVMS-2

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.

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EVMS-4

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.

EXCEPTIONLOG Messages

This section contains the EXCEPTIONLOG messages.

EXCEPTIONLOG-SLOT#-2

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.

FC-TUNNEL Messages

This section contains the FC-TUNNEL messages.

FC-TUNNEL-3

Error Message FC-TUNNEL-3-INTERNAL_ERROR: Internal error: [chars]

Explanation FCMPPLS 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 FCMPPLS 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.

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Error Message FC-TUNNEL-3-MTS_ERROR: MTS message transmission failed with error [dec]

Explanation FCMPPLS tunnel process unsuccessfully tried to send a MTS message. MTS error 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 FCMPPLS 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 FCMPPLS 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 FCMPPLS 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 FCMPPLS 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.

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Error Message FC-TUNNEL-3-RIB_ERROR: RIB API, [chars], failed with error [hex]

Explanation FCMPPLS 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 FCMPPLS tunnel process received unexpected MTS event. MTS opcode is specified in [dec]

Recommended Action No action is required.

FC-TUNNEL-5

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.

FCC_LC Messages

This section contains the FCC_LC messages.

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FCC_LC-2

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.

FCC_LC-5

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.

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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.

FCC_LC-6

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.

FCC Messages

This section contains the FCC messages.

FCC-2

Error Message FCC-2-SHUTDOWN: Process shutting down: [chars]

Explanation FCC Process is shutting down

Recommended Action No action is required.

FCC-5

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.

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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.

FCC-6

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.

FCDDH Messages

This section contains the FCDDH messages.

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FCDDH-SLOT#-3

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.

FCDDH-SLOT#-4

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.

FCDDH-SLOT#-5

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.

FCDD Messages

This section contains the FCDD messages.

FCDD-SLOT#-3

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.

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FCDD-SLOT#-4

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.

FCDD-SLOT#-5

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.

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FCDD-SLOT#-7

Error Message FCDD-SLOT#-7-LOG_FCDD_DEBUG: [chars]

Explanation Unexpected errors which affect some normal operations occurred

Recommended Action No action is required.

FCDOMAIN Messages

This section contains the FCDOMAIN messages.

FCDOMAIN-2

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.

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Error Message FCDOMAIN-2-FC2_SET_SOCKETOPT_DM_SOCKET_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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

FCDOMAIN-3

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.)

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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-MTSENDDREQ_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-MTSEND_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.)

Send document comments to nexus5k-docfeedback@cisco.com

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.

FCDOMAIN-4

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.

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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 disruptive 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.

FCDOMAIN-5

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 after 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.

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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-UNKNOWNDOMAININCFSSRELEASEREQUEST: 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-UNKNOWNDOMAININUNKNOWNCFSSREQUEST: 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.

FCDOMAIN-6

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.

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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: Implicit lock release.

Explanation Lock has been implicitly released due to a clear session operation.

Recommended Action No action is required.

Error Message FCDOMAIN-6-DEVICEALREADYOWNSDIFFERENTFCIDS: The device already owns different FCIDs

Explanation Requested different FCIDs without any freeing in between.

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.

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Error Message FCDOMAIN-6-EPORT_ALREADY_DOWN: Interface [chars] is already down

Explanation Interface [chars] already down.

Recommended Action No action is required.

Error Message FCDOMAIN-6-EPORT_CLEANUP: Interface [chars] received cleanup request

Explanation Fcdomain on interface [chars] has received a cleanup request.

Recommended Action No action is required.

Error Message FCDOMAIN-6-EPORT_CREATED: Creation of interface [chars]

Explanation Fcdomain is going to create interface [chars].

Recommended Action No action is required.

Error Message FCDOMAIN-6-EPORT_DOWN: Interface [chars] is down

Explanation Fcdomain is going to remove interface [chars] from its database.

Recommended Action No action is required.

Error Message FCDOMAIN-6-FABRICCONFSTARTBF: Non disruptive reconfiguration started

Explanation A non disruptive reconfiguration (BF phase) of the VSAN has started. This can happen when two or more fabrics merge, or when the user manually triggers a non disruptive 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.

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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 after 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.

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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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

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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.

FCDOMAIN-3

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.

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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 disruptive 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 disruptive 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.

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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.

FCD Messages

This section contains the FCD messages.

FCD-7

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.

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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.

FCFWD Messages

This section contains the FCFWD messages.

FCFWD-3

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.

FCFWD-4

Error Message FCFWD-4-WARNING: [chars]

Explanation Fcfwd is generating a relevant notification

Recommended Action No action is required.

FCFWD-6

Error Message FCFWD-6-INFO: [chars]

Explanation An fcfwd event occurred

Recommended Action No action is required.

FCNS Messages

This section contains the FCNS messages.

Send document comments to nexus5k-docfeedback@cisco.com

FCNS-2

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.

FCNS-3

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.

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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 occurred in fcns database: [chars].

Recommended Action No action is required.

Error Message FCNS-3-MALLOC_FAILURE: : [chars]

Explanation Malloc failed: [chars].

Recommended Action No action is required.

Error Message FCNS-3-MTS_FAILURE: : [chars] [chars]

Explanation Failure occurred 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.

FCNS-4

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.

FCNS-6

Error Message FCNS-6-DB_INFO: : [chars] [hex]

Explanation Database modification:[chars] for entry [hex].

Recommended Action No action is required.

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Error Message FCNS-6-STATUS_INFO: : [chars]

Explanation A change in fcns status: [chars].

Recommended Action No action is required.

FCOE_MGR Messages

This section contains the FCOE_MGR messages.

FCOE_MGR-2

Error Message FCOE_MGR-2-FCOE_MGR_MODULE_NOT_LICENSED: FCoE Manager Module:[dec] not licensed

Explanation FCOE_MGR Line Card not licensed

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.

FCOE_MGR-5

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.

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Error Message FCOE_MGR-5-FCOE_MGR_MODULE_LICENSE_CHECKIN: FCoE Manager License Checkin: [dec]

Explanation FCOE_MGR Line Card license checked in

Recommended Action No action is required.

Error Message FCOE_MGR-5-FCOE_MGR_MODULE_LICENSE_CHECKOUT: FCoE Manager License Checkout: [dec]

Explanation FCOE_MGR Line Card license checked out

Recommended Action No action is required.

Error Message FCOE_MGR-5-FCOE_MGR_SOLICITATION_FROM_SAME_MAC: FCoE Manager received Mulicast Solicitation from same MAC: [chars]

Explanation FCoE Manager received Mulicast Solicitation 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.

FCSP-MGR Messages

This section contains the FCSP-MGR messages.

FCSP-MGR-2

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.

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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_REC'D_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.

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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.

FCS Messages

This section contains the FCS messages.

FCS-2

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

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Error Message FCS-2-NO_RESPONSE: Retried maximum number of times for [chars] to domain [dec] in VSAN [dec]

Explanation Maximum number of retries 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.

FCS-3

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_API_ERR: [chars] : [chars]

Explanation An error occurred in send or receive of an MTS message. [chars] indicates the error that occurred and [chars] indicates the error number

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

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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.

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FCS-4

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.

FCS-5

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.

FCS-6

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.

FDMI Messages

This section contains the FDMI messages.

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FDMI-2

Error Message FDMI-2-FDMI_INIT_FAILED: FDMI initialization failed : [chars]

Explanation Fdmi process encountered error while starting

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 error 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 error 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 error code

Recommended Action No action is required.

FDMI-3

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.

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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 sends 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 occurred and 0x[hex] specifies the error

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.

FDMI-4

Error Message FDMI-4-SW_REJ_RESPONSE: Reject response [chars] from switch whose domain id is [dec]

Explanation Fdmi process sends a inter-switch packets to switches and has received the reject response with reason code in [chars]

Recommended Action No action is required.

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FDMI-6

Error Message FDMI-6-DEBUG_INFO: [chars]

Explanation Fdmi process debug info

Recommended Action No action is required.

FEATURE-MGR Messages

This section contains the FEATURE-MGR messages.

FEATURE-MGR-2

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-FM_FEATURE_LICENSE_ERROR: the license operation for feature failed [hex] [chars]

Explanation License operation was not successful, check license validity for the feature

Recommended Action Please contact FM team

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Error Message FEATURE-MGR-2-FM_FEATURE_OP_TIMEOUT_ERROR: feature [chars] operation failed on response timeout from service: [chars] with uuid ([hex])

Explanation The error seen at FM and service communication

Recommended Action Please contact service owner with given uuid and FM team

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.

FEATURE-MGR-6

Error Message FEATURE-MGR-6-FM_AUTOCKPT_IN_PROGRESS: AutoCheckpoint [chars]screationinprogress...'

Explanation AutoCheckpoint creation has been requested and it should be in progress

Recommended Action No action is required.

Error Message FEATURE-MGR-6-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-6-FM_FCOE_AUTOINSTALL_ON_NOT_ISOLA: auto-install feature-set fcoe on non-isola

Explanation Auto-install feature-set fcoe could be done on isola only

Recommended Action Please contact FM team

FEX Messages

This section contains the FEX messages.

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FEX-2

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

FEX-5

Error Message FEX-5-FEX_DISABLED: FEX Disabled

Explanation FEX Service Disabled

Recommended Action No action is required.

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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.

FICON Messages

This section contains the FICON messages.

FICON-2

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

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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

FICON-3

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

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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

FICON-5

Error Message FICON-5-STARTING: FICON Manager process starting

Explanation FICON Manager process is being started

Recommended Action No action is required.

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FICON-6

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.

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.

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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

FLOGI-2

Error Message FLOGI-2-MSG_FLOGI_REJECT_NO_ACL_TCAM_AVAILABLE: [VSAN [dec], Interface [chars]] FLOGI rejected - ACLTCAM resource exhausted

Explanation An FLOGI was rejected because the ACLTCAM hardware resource is completely used.

Recommended Action Reduce the number of nodes.

FLOGI-4

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

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FLOGI-5

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.

FS-DAEMON Messages

This section contains the FS-DAEMON messages.

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FS-DAEMON-2

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\CLI command and copy images from active supervisor or from remote location

FS-DAEMON-6

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 FS-DAEMON-6-FSD_REEXPORT_NFS: Re-exported NFS mounts

Explanation Exported NFS mounts are not visible in kernel and had to be reexported

Recommended Action Please use show system internal flash to make sure there are no stale NFS handles'

FSCM Messages

This section contains the FSCM messages.

FSCM-2

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.

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FSPF-3

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'

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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 '

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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'

FSPF-4

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

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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'

FSPF-5

Error Message FSPF-5-STARTING: Routing daemon started

Explanation FSPF routing daemon has been started.

Recommended Action No action is required.

FSPF-6

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.

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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.

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FSPF-7

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.

FWM Messages

This section contains the FWM messages.

FWM-0

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.

FWM-1

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.

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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.

FWM-2

Error Message FWM-2-FCFIB_CRIT: [chars]

Explanation Fc fib 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_IGMP_GROUP_SCALE_CONFIGURED: Number of IGMP groups configured is more than 4000, which is more than the multicast index table size. Unique fanout more than 2000 cannot be achieved

Explanation Unique fanout not possible above 2000 groups

Recommended Action No action is required.

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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_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_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.

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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_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.

FWM-3

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.

FWM-4

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.

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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-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.

FWM-6

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 FWM-6-UUFB_CHANGE_NOTIFICATION: Unknown unicast flood blocking has been [chars]

Explanation Notification of unknown unicast flood blocking being enabled or disabled

Recommended Action No action is required.

GLBP Messages

This section contains the GLBP messages.

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GLBP-2

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

GLBP-3

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 perform 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 perform a leave to stop receiving GLBP protocol packets.

Recommended Action Please check syslog messages for IP failures and rectify the problem

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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

GLBP-4

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.

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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.

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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

GLBP-5

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

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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

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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

HSRP_ENGINE Messages

This section contains the HSRP_ENGINE messages.

HSRP_ENGINE-3

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.

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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.

HSRP_ENGINE-4

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.

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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 misconfiguration, 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.

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HSRP_ENGINE-6

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.

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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.

IKE Messages

This section contains the IKE messages.

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IKE-3

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.

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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.

IKE-4

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.

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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.

IKE-6

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.

ILC-SPAN Messages

This section contains the ILC-SPAN messages.

ILC-SPAN-3

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.

ILC_HELPER Messages

This section contains the ILC-HELPER messages.

ILC_HELPER-2

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

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ILC_HELPER-3

Error Message ILC_HELPER-3-INVALID_SSI: [chars]

Explanation The ssi boot variable is configured to an invalid image. So, the linecard will be brought online in basic mode instead of advanced SSI mode

Recommended Action Configure a proper image for the ssi boot variable

ILC_HELPER-6

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.

IMAGE_DNLD Messages

This section contains the IMAGE_DNLD messages.

IMAGE_DNLD-SLOT#-2

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.

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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.

IMAGE_DNLD-SLOT#-4

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.

IMAGE_DNLD-SLOT#-5

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.

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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.

IMAGE_UPGRADE Messages

This section contains the IMAGE_UPGRADE messages.

IMAGE_UPGRADE-SLOT#-2

Error Message IMAGE_UPGRADE-SLOT#-2-IMAGE_UPGRADE_ERROR: [chars]

Explanation Image Upgrade Error

Recommended Action No action is required.

IMAGE_UPGRADE-SLOT#-4

Error Message IMAGE_UPGRADE-SLOT#-4-IMAGE_UPGRADE_INFO: [chars]

Explanation Image Upgrade Info

Recommended Action No action is required.

IM Messages

This section contains the IM messages.

IM-3

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.

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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.

IM-5

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.

INTERFACE_VLAN Messages

This section contains the INTERFACE_VLAN messages.

INTERFACE_VLAN-4

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

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INTERFACE_VLAN-5

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 initialization failed with error [hex]

Explanation SVI initialization error

Recommended Action No action is required.

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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 receive 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.

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IOA_LC Messages

This section contains the IOA_LC messages.

IOA_LC-5

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.

IPACL Messages

This section contains the IPACL messages.

IPACL-0

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.

IPACL-1

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.

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IPACL-2

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.

IPACL-3

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.

IPACL-4

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.

IPACL-5

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.

IPACL-6

Error Message IPACL-6-INFO: [chars]

Explanation Ipacl event occurred

Recommended Action No action is required.

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IPFC Messages

This section contains the IPFC messages.

IPFC-2

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.

IPFC-3

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.

IPFC-5

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.

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Error Message IPFC-5-STATE_CHANGE: VSAN interface [dec] [chars]

Explanation The specified VSAN Interface is [chars].

Recommended Action No action is required.

IPFC-6

Error Message IPFC-6-STARTING: IP Over Fiber Channel service started

Explanation The service has successfully started.

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.

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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.

IPQOSMGR-3

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.

IPQOSMGR-4

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.

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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.

IPQOSMGR-5

Error Message IPQOSMGR-5-QOSMGR_LC_STAT_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.

IPQOSMGR-6

Error Message IPQOSMGR-6-QOSMGR_DCBXP_CMP_FAIL_MSG: [chars] - qos config [chars] not compatible with the peer

Explanation Dcbxp warning: Port_id [chars] has qos config [chars] which is incompatible with the peer.

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.

IPQOSMGR-SLOT#-3

Error Message IPQOSMGR-SLOT#-3-QOSMGR_DPA_MSG: DPA returned error message - [chars]

Explanation An error occurred in the DPA [string] is the error message.

Recommended Action No action is required.

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IPSEC Messages

This section contains the IPSEC messages.

IPSEC-2

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

IPSEC-3

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.

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IPSEC-5

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.

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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.

IPS_SB_MGR Messages

This section contains the IP_SB_MGR messages.

IPS_SB_MGR-SLOT#-2

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

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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.

IPS_SB_MGR-SLOT#-3

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#-3-FIPS_SELF_TEST_FAILURE: [chars] Restarting the octeon...

Explanation FIPS self test failed for the algorithm. Restarting the octeon.

Recommended Action No action is required.

IPS_SB_MGR-SLOT#-4

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

Send document comments to nexus5k-docfeedback@cisco.com

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

IPS_SB_MGR-SLOT#-6

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.

IPS Messages

This section contains the IPS messages.

IPS-2

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.

IPS-3

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

Send document comments to nexus5k-docfeedback@cisco.com

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 0x35 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

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Error Message IPS-3-IPS_CRYPT0_FIPS_FAILED: IPS module [dec] has failed FIPS tests. FIPS info - [chars]

Explanation FIPS error occurred in the IPS module.

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

Error Message IPS-3-IPS_EGRESS_PERR: Parity error on dma-bridge egress. Count: [dec]

Explanation Parity error occurred 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_MODE_ERROR: IPS FIPS error: [chars]

Explanation IPS module FIPS mode error

Recommended Action No action is required.

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 occurred 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 committing 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.

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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 committing 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.

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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 precommitting 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 precommitting 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.

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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-3-RED_PACKET_DROPS: Congestion detected on GigabitEthernet port (buffer pool size: [dec])

Explanation Congestion detected on GigabitEthernet port due to RED threshold limit

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

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IPS-4

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 acceleration 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.

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IPS-5

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 release

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

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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 established 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_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

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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_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.

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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

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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 exchange 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.

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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.

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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.

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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 mismatch in one of the bytes from what was sent from the FCIP special frame sender

Recommended Action No action is required.

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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.

IPS-6

Error Message IPS-6-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-6-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 reads

Explanation FCIP-FTA Read Acceleration stopped

Recommended Action Informational no action required

Error Message IPS-6-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-6-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

IPS-7

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.

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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.

IPV6 Messages

This section contains the IPV6 messages.

IPV6-2

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.

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IPV6-3

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.

IPV6-4

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.

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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.

IP Messages

This section contains the IP messages.

IP-1

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.

IP-3

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.

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IP-4

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>.

IP-6

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.

ISAPI Messages

This section contains the ISAPI messages.

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ISAPI-SLOT#-0

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.

ISAPI-SLOT#-1

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.

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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.

ISAPI-SLOT#-2

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.

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Error Message ISAPI-SLOT#-2-SSN_CRIT: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

ISAPI-SLOT#-3

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.

ISAPI-SLOT#-4

Error Message ISAPI-SLOT#-4-INVISTA_WARN: [chars]

Explanation Isapi-invista software messages

Recommended Action No action is required.

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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.

ISAPI-SLOT#-5

Error Message ISAPI-SLOT#-5-INVISTA_NOTICE: [chars]

Explanation Isapi-invista software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-5-MSM_NOTICE: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-5-NSP_NOTICE: [chars]

Explanation Isapi-nsp software messages

Recommended Action No action is required.

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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.

ISAPI-SLOT#-6

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.

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ISAPI-SLOT#-7

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.

ISNS Messages

This section contains the ISNS messages.

ISNS-2

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.

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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.

IVR Messages

This section contains the IVR messages.

IVR-2

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.

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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.

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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 continue to operate uninterrupted within [dec] seconds

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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

IVR-3

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.

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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.

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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 commit 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.

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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.

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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.

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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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

Send document comments to nexus5k-docfeedback@cisco.com

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 the 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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

IVR-4

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.

Send document comments to nexus5k-docfeedback@cisco.com

Error Message IVR-4-IVR_REMOVED_PENDING_CFG: IVR was removed while there were still pending IVR configurations. Forceful cleanup was triggered and the pending configurations were not saved.

Explanation IVR was removed from an N7K switch via VDC delete/reload, which triggered a forceful cleanup. The pending IVR configurations were not saved.

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.

Send document comments to nexus5k-docfeedback@cisco.com

IVR-5

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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

Send document comments to nexus5k-docfeedback@cisco.com

IVR-6

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.

Send document comments to nexus5k-docfeedback@cisco.com

IVR-7

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.

L2FMC Messages

This section contains the L2FMC messages.

L2FMC-SLOT#-0

Error Message L2FMC-SLOT#-0-L2FMC_CLI_INIT_FAILED: CLI library initialization failed!

Explanation L2FMC failed to initialize CLI infrastructure\backendlibrary.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.

L2FMC-SLOT#-2

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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

KERN Messages

Error Message %KERN-2-SYSTEM_MSG: [char]

Explanation Kernel messages provide additional information about the applications and help debug application errors.

Recommended Action No action is required.

L2FMC-SLOT#-5

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.

L2FMC-SLOT#-6

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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

L2FM Messages

This section contains the L2FM messages.

L2FM-0

Error Message L2FM-0-L2FM_CLI_INITIALIZATION_FAILED: CLI library initialization failed!

Explanation Failed to initialize CLI infrastructure\backendlibrary.Thisisafatalerror.'

Recommended Action No action is required.

Send document comments to nexus5k-docfeedback@cisco.com

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.

L2FM-1

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_LINE_FULL_CONDITION_STRING: Unable to insert the MAC as hardware lines are full

Explanation No action is required.

Recommended Action L2fm

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 ovr 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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

L2FM-2

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>.

Send document comments to nexus5k-docfeedback@cisco.com

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 losing %08 old_hints. stack trace: [chars]

Explanation An update from MTM looks inconsistent with the previous state

Recommended Action No action is required.

L2FM-4

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.

L2FM-6

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>.

L2MCAST Messages

This section contains the L2MCAST messages.

L2MCAST-SLOT#-0

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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

L2MCAST-SLOT#-2

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.

L2MCAST-SLOT#-6

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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

LACP Messages

This section contains the LACP messages.

LACP-3

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.

Send document comments to nexus5k-docfeedback@cisco.com

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_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.

LACP-5

Error Message LACP-5-LACP_DISABLED: LACP Disabled

Explanation LACP Service Disabled

Recommended Action No action is required.

Error Message LACP-5-LACP_ENABLED: LACP Enabled

Explanation LACP Service Enabled

Recommended Action No action is required.

Send document comments to nexus5k-docfeedback@cisco.com

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.

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LC-SPAN Messages

This section contains the LC-SPAN messages.

LC-SPAN-3

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.

LC_CFG Messages

This section contains the L2_CFG messages.

LC_CFG-SLOT#-2

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.

LC_PORT_CHANNEL Messages

This section contains the LC_PORT_CHANNEL messages.

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LC_PORT_CHANNEL-SLOT#-0

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.

LC_PORT_MGR Messages

This section contains the LC_PORT_MGR messages.

LC_PORT_MGR-SLOT#-2

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.

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LC_RDL Messages

This section contains the LC_RDL messages.

LC_RDL-3

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.

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LC_RDL-6

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.

LDAP Messages

This section contains the LDAP messages.

LDAP-2

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.

LDAP-3

Error Message LDAP-3-LDAP_ERROR_MESSAGE: [chars]

Explanation LDAP Error Message

Recommended Action No action is required.

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LDAP-5

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.

LDAP-6

Error Message LDAP-6-LDAP_MESSAGE: [chars]

Explanation LDAP Message

Recommended Action No action is required.

LIBBASE_SVC Messages

This section contains the LIBBASE_SVC messages.

LIBBASE_SVC-2

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.

LIBBASE_SVC-4

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.

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LIBBASE_SVC-5

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 Interface Flow Limit

Recommended Action No action is required.

LIBGD Messages

This section contains the LIBGD messages.

LIBGD-2

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.

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Error Message LIBGD-2-SHUTDOWN: Guardian software process exiting: [chars]

Explanation Guardian shutting down

Recommended Action No action is required.

LIBGD-3

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.

LIBGD-5

Error Message LIBGD-5-STARTING: Guardian process starting

Explanation Guardian process is being started

Recommended Action No action is required.

LIBGD-6

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 initialization has been called[dec]

Recommended Action No action is required.

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LICMGR Messages

This section contains the LICMGR messages.

LICMGR-0

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.

LICMGR-1

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.

LICMGR-2

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.

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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

LICMGR-3

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.

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Error Message LICMGR-3-LOG_LIC_LICENSE_EXPIRED: Evaluation license expired for feature [chars].

Explanation The named feature has exceeded its 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.

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LICMGR-4

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.

LICMGR-6

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.

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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.

LDP Messages

LDP-5

Error Message LDP-5-LDP_DISABLED: LDP Disabled

Explanation MPLS_LDP Service Disabled

Recommended Action No action is required.

Error Message LDP-5-LDP_ENABLED: LDP Enabled

Explanation MPLS_LDP Service nabled

Recommended Action No action is required.

LLDP Messages

This section contains the LLDP messages.

LLDP-1

Error Message LLDP-1-NO_DCBX_ACKS_RECV_FOR_LAST_10_PDUs: No Acks have been received on Interface [chars] for last [dec] DCBX PDUs

Explanation No Acks Received

Recommended Action No action is required.

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LLDP-3

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.

LLDP-5

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.

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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.

LLDP-6

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.

MAC Messages

This section contains the MAC messages.

MAC-SLOT#-2

Error Message MAC-SLOT#-2-MAC_INFO: [chars]

Explanation MAC Informational message

Recommended Action No action is required.

MCAST Messages

This section contains the MCAST messages.

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MCAST-2

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.

MCAST-4

Error Message MCAST-4-ERROR: [chars]

Explanation Mcast encountered a generic error

Recommended Action No action is required.

MCAST-5

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.

MCECTEST Messages

This section contains the MCECTEST messages.

MCECTEST-3

Error Message MCECTEST-3-ASSERTION_FAILED: [chars]

Explanation MCECTEST has hit an assert condition at file [chars]

Recommended Action No action is required.

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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.

MCECTEST-5

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.

MCECTEST-6

Error Message MCECTEST-6-INTERNAL_INFO: [chars]

Explanation MCECTEST got an internal info [chars]

Recommended Action No action is required.

MCM Messages

This section contains the MCM messages.

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MCM-2

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_REPLICATION_DISABLED: Proxy layer-3 modules are not available for replication. Proxy layer-3 multicast replication is disabled.

Explanation Replication is disabled

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-2-MCM_ROUTING_DISABLED: Proxy layer-3 modules are not available for routing. Proxy layer-3 forwarding is disabled.

Explanation Routing is disabled

Recommended Action No action is required.

MCM-5

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.

MCM-6

Error Message MCM-6-MCM_REPLICATION_ENABLED: Proxy layer-3 modules are UP and available for replication. Proxy layer-3 multicast replication is enabled.

Explanation Replication is enabled

Recommended Action No action is required.

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Error Message MCM-6-MCM_ROUTING_ENABLED: Proxy layer-3 modules are UP and available for routing. Proxy layer-3 forwarding is enabled.

Explanation Routing is enabled

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.

MFDM Messages

This section contains the MFDM messages.

MFDM-2

Error Message MFDM-2-DI_REUSE: LTL node exists with DI [dec] oiflist_index [dec] and same DI returned for oiflist_index [dec]. Please collect show tech-support forwarding distribution l2/l3 multicast and show tech-support pixm.

Explanation PIXM returned duplicate DI.

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.

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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]'.

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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]'.

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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]'

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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.

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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>'.

MODULE-6

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

This section contains the MONITOR messages.

MONITOR-5

Error Message MONITOR-5-ETH_SPAN_SESSION_CREATED: Session [dec] created

Explanation A new span session has been created.

Recommended Action No action is required.

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MONITOR-6

Error Message MONITOR-6-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-6-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-6-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.

NFM Messages

This section contains the NFM messages.

NFM-2

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.

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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.

NFM-3

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.

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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.

NFM-4

Error Message NFM-4-DDB_WARNING: DDB warning: [chars]

Explanation The DDB generated warning

Recommended Action No action is required.

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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.

NFM-5

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.

NFM-6

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.

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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.

NFM-7

Error Message NFM-7-DEBUG: [chars]

Explanation Debug information is being sent to syslog

Recommended Action No action is required.

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NFP Messages

This section contains the NFP messages.

NFP-SLOT#-2

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 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 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.

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Error Message NFP-SLOT#-2-NF_QOS_ERR: [chars]([dec]): qos error. [chars]

Explanation Qos error

Recommended Action No DDTS.

NFP-SLOT#-5

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.

NOHMS Messages

This section contains the NOHMS messages.

NOHMS-2

Error Message NOHMS-2-NOHMS_DIAG_ERROR: [chars]

Explanation Diagnostics error

Recommended Action show diagnostics 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

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Error Message NOHMS-2-NOHMS_ENV_ERROR: [chars]

Explanation Environmental error

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

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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.

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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

NPC Messages

This section contains the NPC messages.

NPC-SLOT#-3

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.

NPC-SLOT#-4

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.

NPC-SLOT#-5

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.

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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.

NPV Messages

This section contains the NPV messages.

NPV-2

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.

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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.

NPV-3

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.

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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.

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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.

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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.

NPV-4

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

NPV-5

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.

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Error Message NPV-5-FLEXATTACH_VPWVN_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_VPWVN_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_VPWVN_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.

NPV-6

Error Message NPV-6-ABTS_SENT: [chars]

Explanation NPV process sent an ABTS frame.

Recommended Action No action is required.

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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.

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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.

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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.

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NPV-7

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.

NTP Messages

This section contains the NTP messages.

NTP-2

Error Message NTP-2-NTP_SYSLOG_CRIT_ERR: : [chars]

Explanation NTP syslog Critical Error : [chars].

Recommended Action No action is required.

Error Message NTP-2-NTP_SYSLOG_INIT_FAIL: : [chars] [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.

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NTP-3

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.

NTP-6

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.

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Error Message NTP-6-NTP_SYSLOG_WARN: : [chars]

Explanation NTP syslog Warning : [chars].

Recommended Action No action is required.

NVP Messages

This section contains the NVP messages.

NVP-6

Error Message NVP-6-NVP_INFO: [chars]

Explanation NVP daemon informational message

Recommended Action No action is required.

Error Message NVP-6-STARTING: daemon started

Explanation The NVP daemon successfully started

Recommended Action No action is required.

NVP-SLOT#-2

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

OC_USD Messages

This section contains the OC_USD messages.

OC_USD-2

Error Message OC_USD-2-RF_CRC: [chars]

Explanation Octopus received packets with CRC error from fabric

Recommended Action No action is required.

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ORI_FWD Messages

This section contains the ORI_FWD messages.

ORI_FWD-2

Error Message ORI_FWD-2-CRIT_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

ORI_FWD-6

Error Message ORI_FWD-6-ORF_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

ORI_MAC Messages

This section contains the ORI_MAC messages.

ORI_MAC-2

Error Message ORI_MAC-2-ORI_MAC_CRIT_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

ORI_MAC-6

Error Message ORI_MAC-6-ORI_MAC_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

OTM Messages

This section contains the OTM messages.

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OTM-2

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.

OTM-3

Error Message OTM-3-OTM_ERROR: [chars] [chars]

Explanation [chars1][chars2]

Recommended Action No action is required.

OTM-5

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.

OTM-6

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.

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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.

PFMA Messages

This section contains the PFMA messages.

PFMA-0

Error Message PFMA-0-CHASSIS_CLKSWITCH: Hardware clock switched to redundant clock-[dec]

Explanation Clock module on chassis detected 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.

Send document comments to nexus5k-docfeedback@cisco.com

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 coming up in wrong slot [decimal digit].

Recommended Action No action is required.

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.

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Error Message PFMA-0-SYS_SHUTDOWN_FAN_DIR_MISMATCH: System shutdown in [dec] seconds due to fan dir mismatch

Explanation System shutdown in [decimal digit] seconds due to mismatch in direction between fan and ps module.

Recommended Action Please perform a 'show env fan' 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.

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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.

PFMA-1

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.

PFMA-2

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.

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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.

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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.

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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.

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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 Module 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 srom module [dec] [dec]' to read module IDPROM contents to collect more information.

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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_TEMPINALRM: [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.

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Error Message PFMA-2-MOD_TEMP_RECOVER: [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.

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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>.

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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 Management 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.

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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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

Send document comments to nexus5k-docfeedback@cisco.com

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 successfully 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.

PFMA-3

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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

PFMA-4

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.

PFMA-5

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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

PFMA-7

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.

PHY_USD Messages

This section contains the PHY_USD messages.

PHY_USD-SLOT#-4

Error Message PHY_USD-SLOT#-4-LOG_PHY_ISSU_LINK_ST_CHNG: Port [dec]: link state during ISSU

Explanation Port Link status changed while performing an In Service System Upgrade. Disabling the port.

Recommended Action No action is required.

PIXM Messages

This section contains the PIXM messages.

PIXM-2

Error Message PIXM-2-PIXM_SYSLOG_MESSAGE_TYPE_CRIT: [chars]

Explanation PIXM has encountered a critical error

Recommended Action Please collect PIXM tech support using 'showtechpixm' and 'showtechpixmc-all'

Send document comments to nexus5k-docfeedback@cisco.com

PIXM-3

Error Message PIXM-3-PIXM_SYSLOG_MESSAGE_TYPE_ERR: [chars]

Explanation PIXM has encountered a error

Recommended Action Please collect PIXM tech support using showtechpixm'and'showtechpixmc-all"

PIXM-4

Error Message PIXM-4-PIXM_SYSLOG_MESSAGE_TYPE_WARNING: [chars]

Explanation PIXM has encountered a warning-level error

Recommended Action Please collect PIXM tech support using showtechpixm'and'showtechpixmc-all"

PIXM-7

Error Message PIXM-7-PIXM_SYSLOG_MESSAGE_TYPE_DEBUG: [chars]

Explanation This is a debug output from PIXM

Recommended Action Please collect PIXM tech support using showtechpixm'and'showtechpixmc-all"

PLATFORM Messages

This section contains the PLATFORM messages.

PLATFORM-0

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.

Send document comments to nexus5k-docfeedback@cisco.com

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 coming up in wrong slot [decimal digit].

Recommended Action No action is required.

Send document comments to nexus5k-docfeedback@cisco.com

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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

PLATFORM-1

Error Message PLATFORM-1-FABRIC_SWITCH_FAN_FAIL: Less than 4 required fans operating.

Explanation Fan module has failed leaving less than 4 total fans operating. Fan needs to be replaced. This can lead to overheating and temperature alarms.

Recommended Action Please perform a 'show platform internal info' to collect more information.

Error Message PLATFORM-1-FAN_FAIL: Fan module Failed

Explanation Fan module has failed and needs to be replaced. This can lead to overheating and temperature alarms.

Recommended Action Please perform a 'show platform internal info' to collect more information.

Error Message PLATFORM-1-PFM_ALERT: [chars]

Explanation Platform Alert

Recommended Action No action is required.

Error Message PLATFORM-1-PS_SINGLE_INPUT: Both power inputs are connected for Power supplies, remove single-input configuration for optimal power usage

Explanation Current power supply redundancy mode may not be optimal

Recommended Action Please perform a 'show environment power' and 'show platform internal info' to collect more information.

Send document comments to nexus5k-docfeedback@cisco.com

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.

PLATFORM-2

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.

Send document comments to nexus5k-docfeedback@cisco.com

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-INSUFFICIENT_MAC: program management port on all the non-default VDCs

Explanation Could not program the mac address for the management port of all the VDCs

Recommended Action No action is required.

Send document comments to nexus5k-docfeedback@cisco.com

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. At least 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.

Send document comments to nexus5k-docfeedback@cisco.com

Error Message PLATFORM-2-MOD_PWRFAIL_EJECTORS_OPEN: All ejectors open, Module [dec] will not be powered up (Serial number [chars])

Explanation The module can not be powered up because all the ejectors are open

Recommended Action Please perform a show platform internal all module [decimaldigit]' and 'show module internal all module [decimaldigit]' 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.

Send document comments to nexus5k-docfeedback@cisco.com

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'

Send document comments to nexus5k-docfeedback@cisco.com

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.

Send document comments to nexus5k-docfeedback@cisco.com

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>.

Send document comments to nexus5k-docfeedback@cisco.com

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 Management EPLD

Error Message PLATFORM-2-PFM_STDBY_POWERUP_FAIL: standby supervisor failed to powerup

Explanation Standby supervisor failed to powerup.

Recommended Action Try to replace the standby supervisor.

Error Message PLATFORM-2-PFM_SYSTEM_RESET_TRIGGER: System restart due to [chars] policy trigger

Explanation Policy/trigger initiated a system reload

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PLATFORM-2-PFM_SYSTEM_RESET: Manual system restart from Command Line Interface

Explanation User initiated a system reload from the CLI

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PLATFORM-2-PFM_SYSTEM_SHUTDOWN_TRIGGER: System shutdown due to [chars] policy trigger

Explanation Policy/trigger initiated a system shutdown

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus5k-docfeedback@cisco.com

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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

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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.

Send document comments to nexus5k-docfeedback@cisco.com

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 successfully 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: All ejectors open, Xbar [dec] will not be powered up (Serial number [chars])

Explanation The xbar can not be powered up because all the 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.

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PLATFORM-3

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-SINGLE_EJECTOR_STAT_CHANGED: Ejectorsstatusinslot[dec]haschanged,Ejectoris[chars]'

Explanation Ejector status has changed

Recommended Action None

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.

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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.

PLATFORM-4

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'.

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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.

PLATFORM-5

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.

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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.

PLATFORM-6

Error Message PLATFORM-6-PFM_INFO: [chars]

Explanation Platform Info

Recommended Action No action is required.

PLATFORM-7

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.

PLOG_SUP Messages

This section contains the PLOG_SUP messages.

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PLOG_SUP-4

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.

PLOG Messages

This section contains the PLOG messages.

PLOG-4

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.

PONG Messages

This section contains the PONG messages.

PONG-5

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.

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PORT-CHANNEL Messages

This section contains the PORT-CHANNEL messages.

PORT-CHANNEL-1

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

PORT-CHANNEL-2

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 persistent by doing port-channel <n>
persistent

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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.

PORT-CHANNEL-3

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.

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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

PORT-CHANNEL-4

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.

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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.

PORT-CHANNEL-5

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

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Error Message PORT-CHANNEL-5-PCM_MEMBERSHIP_CHANGE_ADD: Interface [chars] is added to [chars]

Explanation Membership change event occurred on the port-channel interface.

Recommended Action No action is required.

Error Message PORT-CHANNEL-5-PCM_MEMBERSHIP_CHANGE_DEL: Interface [chars] is removed from [chars]

Explanation Membership change event occurred on the port-channel interface.

Recommended Action No action is required.

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.

PORT-CHANNEL-6

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.

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PORT-CHANNEL-7

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.

PORT-PROFILE Messages

This section contains the PORT-PROFILE messages.

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PORT-PROFILE-2

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.

PORT-PROFILE-3

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] creation failed with error [chars]

Explanation Port-profile:[chars] creation failed with [:chars]

Recommended Action No action is required.

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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.

PORT-PROFILE-6

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.

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Error Message PORT-PROFILE-6-PROFILE_DEINHERITED: Port-profile [chars] is de-inherited successfully on [chars]

Explanation Port-profile:[chars] is de-inherited on [:chars]

Recommended Action No action is required.

Error Message PORT-PROFILE-6-PROFILE_DELETED: Port-profile [chars] is deleted successfully

Explanation Port-profile:[chars] is deleted

Recommended Action No action is required.

Error Message PORT-PROFILE-6-PROFILE_DISABLED: Port-profile [chars] is disabled successfully

Explanation Port-profile:[chars] is disabled

Recommended Action No action is required.

Error Message PORT-PROFILE-6-PROFILE_ENABLED: Port-profile [chars] is enabled successfully

Explanation Port-profile:[chars] is enabled

Recommended Action No action is required.

Error Message PORT-PROFILE-6-PROFILE_INHERITED: Port-profile [chars] is inherited successfully on [chars]

Explanation Port-profile:[chars] is inherited on [:chars]

Recommended Action No action is required.

PORT-RESOURCES Messages

This section contains the PORT-RESOURCES messages.

PORT-RESOURCES-3

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.

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PORT-RESOURCES-5

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 licenses during installation

Recommended Action Install a valid port activation license file

PORT-SECURITY Messages

This section contains the PORT-SECURITY messages.

PORT-SECURITY-2

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

PORT-SECURITY-3

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

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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.

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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.

PORT-SECURITY-4

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

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PORT-SECURITY-6

Error Message PORT-SECURITY-6-INFO: [chars]

Explanation An event happend that affects PSM. [chars] indicates the event

Recommended Action No action is required.

PORT Messages

This section contains the PORT messages.

PORT-2

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

PORT-3

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

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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

PORT-4

Error Message PORT-4-IF_NON_QUALIFIED_TRANSCEIVER: Non-qualified transceiver on interface [chars] was detected

Explanation The transceiver for the interface specified has not been qualified on this platform for this software release

Recommended Action Replace the module with a supported transceiver. Contact Cisco TAC to get platform transceiver qualification details

Error Message Replace the module with a supported transceiver. Contact Cisco TAC to get platform transceiver qualification details 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

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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

PORT-5

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_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_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

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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.

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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.

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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.

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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

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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

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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

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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

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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.

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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

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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

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Error Message PORT-5-IF_DOWN_INTERFACE_REMOVED: Interface [chars] is down (Interface removed) [chars] [chars]

Explanation Interface removed. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_INVALID_ATTACHMENT: Interface [chars] is down(Invalid attachment) [chars] [chars]

Explanation The peer port does not have the compatible security attributes. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please ensure that the peer port has compatible security attributes as the local port.

Error Message PORT-5-IF_DOWN_INVALID_CONFIG: Interface [chars] is down(Error disabled - Possible PortChannel misconfiguration) [chars] [chars]

Explanation The local and peer port have a PortChannel membership misconfiguration. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Ensure that both the local and peer ports are either both members of the same PortChannel or are not both part of PortChannel

Error Message PORT-5-IF_DOWN_INVALID_FABRIC_BINDING: Interface [chars] is down(Invalid fabric binding exchange) [chars] [chars]

Explanation Fabric binding failed. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please check fabric binding database

Error Message PORT-5-IF_DOWN_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.

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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.

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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

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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

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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.

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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 speed 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

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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

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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.

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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.

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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

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PRIVATE_VLAN Messages

This section contains the PRIVATE_VLAN messages.

PRIVATE_VLAN-2

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.

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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.

PRIVATE_VLAN-3

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_IN_USE: PVLAN [dec] in use by interface [chars], please do "no switchport access vlan" or "no switchport private-vlan host-association"

Explanation PVLAN in used

Recommended Action No action is required.

Error Message PRIVATE_VLAN-3-PVLAN_MAX_EXCEEDED: Total number of private vlans is limited to [dec]

Explanation PVLAN MAX Exceeded

Recommended Action No action is required.

Error Message PRIVATE_VLAN-3-PVLAN_PORT_CONFIG_FAILED: PVLAN Configuration failed, using PVLAN primary vlan [dec] in access port

Explanation PVLAN Configuration failed

Recommended Action No action is required.

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Error Message PRIVATE_VLAN-3-PVLAN_PRIMARY_VLANS_TRUNK_PORT_EXCEEDED: Total number of primary vlans in trunk promiscuous port is limited to [dec]

Explanation Primary vlans in trunk prom port is exceeded

Recommended Action No action is required.

Error Message PRIVATE_VLAN-3-PVLAN_TRUNK_EXCEEDED: Number of mappings on private-vlan trunk port limited is [dec]

Explanation PVLAN Trunk Exceeded

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.

PRIVATE_VLAN-5

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.

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PRIVATE_VLAN-4

Error Message PRIVATE_VLAN-4-PVLAN_NOT_PRIMARY_VLAN: Vlan [dec] is not a primary vlan

Explanation PVLAN is not a type of primary vlan

Recommended Action No action is required.

Error Message PRIVATE_VLAN-4-PVLAN_NOT_SECONDARY_VLANS: Vlan(s) [chars] are not secondary vlans

Explanation PVLANS are not the type of secondary vlan

Recommended Action No action is required.

Error Message PRIVATE_VLAN-4-PVLAN_PRIMARY_NOT_ASSOC_SECONDARY_VLANS: primary vlan [dec] is not associated with secondary vlan(s) [chars]

Explanation Primary vlan not associated to secondary vlans

Recommended Action No action is required.

PTPLC-3

Error Message PTPLC-3-PTPLC_PORT_CFG_FAILED: Configuration failed on port [hex], [chars]: [hex], [chars]

Explanation PTP interface configuration error

Recommended Action No action is required.

Error Message PTPLC-3-PTPLC_PTP_INTF_CONFIG_ERROR: Failed to configure PTP/PONG on port [dec]: [hex], [chars]

Explanation PTP interface configuration error

Recommended Action No action is required.

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PROC_MGR Messages

PROC_MGR-SLOT#-2

Error Message PROC_MGR-SLOT#-2-ERR_MSG: [chars]

Explanation Process manager error.

Recommended Action No action is required.

Error Message PROC_MGR-SLOT#-2-MESG: [chars]

Explanation Process manager information.

Recommended Action Process manager information.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_APP_CRIT_ERROR: ERROR: Critical error determined for app ([chars]) status=[dec] signal=[dec]

Explanation Application caused critical error.

Recommended Action Restart the linecard.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_APP_EXITED: ERROR: Application ([chars]) exited with status=[dec] signal=[dec]

Explanation Application exited.

Recommended Action Check the application.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_COMP_CATASTROPHIC_ERROR: ERROR: Component ([chars]) caused critical error and linecard will be rebooted

Explanation Component caused critical error.

Recommended Action Restart the linecard.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_COMP_CRIT_ERROR: ERROR: Critical error determined for component ([chars]) errno=[dec]

Explanation Critical error for component.

Recommended Action Restart the linecard.

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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.

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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.

PROC_MGR-SLOT#-3

Error Message PROC_MGR-SLOT#-3-PROC_MGR_ERROR_MSG: [chars]

Explanation Process manager error message

Recommended Action No action is required.

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PROC_MGR-SLOT#-4

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.

PROC_MGR-SLOT#-6

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.

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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.

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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.

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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.

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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.

Error Message PTP-5-PTP_DISABLED: PTP Manager disabled

Explanation PTP Service Enabled

Recommended Action No action is required.

Error Message PTP-5-PTP_ENABLED: PTP Manager enabled

Explanation PTP Service Enabled

Recommended Action No action is required.

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 a 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.

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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.

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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.

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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.

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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.

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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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

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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.

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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.

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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.

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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.

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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.

Error Message RES_MGR-4-RES_MGR_VLAN_RESERVED_RANGE_UNAVAILABLE: System is running with limited functionality due to restricted reserved vlan range 3968-4047 should be 3968-4096.

Explanation User should delete VLANs in range 4048-4093 and use following command: system vlan 3968 reserve

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.

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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.

Error Message RIB-1-LCM_FIB_ERR: RIB failed LC insertion

Explanation RIB stopped linecard from coming online due to error received from FIB during merge operation

Recommended Action Check RIB error logs to see error received from FIB

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.

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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.

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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.

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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.

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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.

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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: daemon 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.

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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.

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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.

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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 Message

This section contains the SATCTRL messages.

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.

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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_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 showenvironmentpower'and'showplatforminternalinfo'tocollectmoreinformation.'

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

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Error Message SATCTRL-SLOT#-2-SOHMS_ENV_ERROR: [chars]

Explanation Environmental error

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 error recover minor threshold

Recommended Action Show environment fex <100-199>

SATCTRL-SLOT#-4

Error Message SATCTRL-SLOT#-4-SOHMS_PS_GPIO: [chars]

Explanation Environmental error 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>

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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.

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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.

SCM-2

Error Message SCM-2-SCMLCINSERTFAIL: [chars]

Explanation SCSI-TARGET

Recommended Action NONE

Recommended Action

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SCSI-TARGET Messages

SCSI-TARGET-2

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 itspeerkerneldriver[hex].NoSCSIdiscoverycanbeperformed.'

Recommended Action Collect more information using command showscsi-targetinternaldriver.'

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 itspeerkerneldriver[hex].NoSCSIdiscoverycanbeperformed.'

Recommended Action Collect more information using command showscsi-targetinternaldriver.'

Error Message SCSI-TARGET-2-PROC_WWNM_GET_WWN_FAIL: Failed to get local controller pwnn 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 showprocesscpu'and'showsysteminternalsysmgrserviceall'.SeeWWNManagersystemerrorcodesforreason.'

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 showflash'.Seepsssystemerrorcodesforreason.'

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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 showprocesscpu'and'showsysteminternalsysmgrserviceall'.SeeVsanManagersystemerrorcodesforreason.'

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 showflash'.SeePSSsystemerrorcodesforreason.'

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 showflash'.SeePSSsystemerrorcodesforreason.'

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 showflash'.SeePSSsystemerrorcodesforreason.'

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 showflash'.SeePSSsystemerrorcodesforreason.'

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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 showflash'.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 showflash'.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 showflash'.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 showflash'.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 showflash'.See pss system error codes for reason.'

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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 None

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.

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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.

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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 incompatible 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 status 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.

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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.

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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: nvrn failure

Explanation Nvrn 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.

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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.

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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 allocating 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.

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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.

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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.

SFM-6

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 Messages

SKSD-2

Error Message SKSD-2-SKSD_CRYPT_SERVICE_CRIT: Encryption-Service: [chars]

Explanation Encryption Service critical errors.

Recommended Action No action is required.

SKSD-3

Error Message SKSD-3-SKSD_CRYPT_SERVICE_ERR: Encryption-Service: [chars]

Explanation Encryption Service errors.

Recommended Action No action is required.

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Error Message SKSD-3-SKSD_FIPS_MODE_SELFTEST: FIPS POST for [chars] [chars]

Explanation FIPS Selftest Result

Recommended Action No action is required.

SKSD-4

Error Message SKSD-4-SKSD_CRYPT_SERVICE_WARN: Encryption-Service: [chars]

Explanation Encryption Service warnings.

Recommended Action No action is required.

SKSD-5

Error Message SKSD-5-SKSD_CRYPT_SERVICE_NOTICE: Encryption Service: [chars]

Explanation Encryption Service updates.

Recommended Action No action is required.

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.

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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.

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SKSD-6

Error Message SKSD-6-SKSD_CRYPT_SERVICE_INFO: Encryption Service: [chars]

Explanation Encryption Service informational updates.

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

SME_CPP-3

Error Message SME_CPP-3-LOG_ERR_SME_DISK_DP_CNODE_NOT_FOUND: crypto disk data preparation for (DG: [chars] CD NAME: [chars]) could not find cnode ([chars] if_index: [hex])

Explanation The data preparation failed since crypto node assigned for data preparation is not found

Recommended Action No action is required.

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Error Message SME_CPP-3-LOG_ERR_SME_DISK_DP_CNODE_OVERLOAD: crypto disk data preparation for (DG: [chars] CD NAME: [chars]) could not be assigned a crypto node ([chars] if_index: [hex]) due to max limit. current active sessions: [dec]

Explanation The data preparation failed since crypto node is already handling maximum number of data preparation sessions

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_ERR_SME_DISK_KMC_NAME_MISMATCH: The KMC DG: [chars] and CD NAME: [chars] corresponding to VID: [chars] PID: [chars] DID: [chars] doesnt match cdisk DG: [chars] and CD NAME: [chars]

Explanation The discovered vendor id information not match the cryptodisk

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_ERR_SME_DISK_KMC_VPD_FIXED: The VPD of cdisk DG: [chars] CD NAME: [chars] has been changed to VPD in KMC VID: [chars] PID: [chars] DID: [chars] and old VPD of disk has been removed

Explanation The vendor id information has been modified to be consistent with KMC

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_ERR_SME_DISK_KMC_VPD_MISMATCH: The VID:[chars] PID:[chars] DID: [chars] of cdisk DG: [chars] CD NAME: [chars] does not match VPD in KMC VPD: [chars] PID: [chars] DID: [chars]

Explanation The discovered vendor id information not match the cryptodisk

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_ERR_SME_DISK_LUN_PATH_AUTH_FAIL1: ITL HPWWN: [chars] TPWWN: [chars] LUN Id: [chars] VPD mismatch disk. Disk VPD VID: [chars] PID: [chars] DID: [chars] ITL VID: [chars] PID: [chars] DID: [chars]

Explanation The given path does not belong to the configured disk

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_ERR_SME_DISK_LUN_PATH_AUTH_FAIL2: ITL HPWWN: [chars] TPWWN: [chars] LUN Id: [chars] VID: [chars] PID: [chars] DID: [chars] belongs to a different cdisk DG: [chars] CD NAME: [chars]

Explanation The given path does not belong to the configured disk

Recommended Action No action is required.

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Error Message SME_CPP-3-LOG_ERR_SME_DISK_LUN_PATH_AUTH_FAIL3: CFG ITL HPWWN: [chars] TPWWN: [chars] LUN Id: [chars] VID: [chars] PID: [chars] DID: [chars] doesnt belong to DG: [chars] CD NAME: [chars] whose VID: [chars] PID: [chars] DID: [chars]

Explanation The given path does not belong to the disk

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_ERR_SME_DISK_LUN_PATH_AUTH_FAIL4: CFG ITL HPWWN: [chars] TPWWN: [chars] LUN Id: [chars] of DG: [chars] CD: [chars] has VID: [chars] PID: [chars] DID: [chars] belonging to DG: [chars] CD NAME: [chars]

Explanation The given path does not belong to the disk

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_ERR_SME_IT_NEX_USED_FOR_DP: IT CL: [chars] H: [chars] T: [chars] VSAN: [dec] has PATH lunid: [chars] for disk (dg: [chars] cd: [chars]) so rediscover not issued

Explanation The IT nexus is currently in use by data preparation so rediscover not permitted since it disrupts data preparation. Please stop data preparation first

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_SME_CDISK_DP_FAILED: SME cdisk ([chars]) data preparation failed ([chars]), disk-group ([chars]), cluster (name [chars], id %llx)

Explanation SME cdisk data preparation failed

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_SME_DISK_AS_L_FAILED: [chars]

Explanation SME KMC disk asl token generation failed for the given device discovery info

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_SME_KMC_KEY_ENTITY_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.

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Error Message SME_CPP-3-LOG_SME_KMC_MODIFY_DISK_STATUS_FAILED: Key ([chars]) update disk status in KMC server failed with error ([chars]), SME cluster (name [chars], id %llx)

Explanation SME KMC disk status update failed

Recommended Action No action is required.

Error Message SME_CPP-3-SME_FIPS_MODE_ERROR: SME FIPS error: [chars]

Explanation SME module FIPS mode error

Recommended Action No action is required.

Error Message SME_CPP-3-SME_MAX_CLUSTERS_LIMIT_EXCEEDED: SME maximum clusters limit of [dec] exceeded

Explanation The maximum sme clusters limit exceeded

Recommended Action No action is required.

SME_CPP Messages

SME_CPP-5

Error Message SME_CPP-5-LOG_SME_CDISK_DP_SUCCESS: SME cdisk ([chars]) data preparation succeeded, disk-group ([chars]), cluster (name [chars], id %llx)

Explanation SME cdisk data preparation succeeded

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_KMC_KEY_ENTITY_LOOKUP_NOKEY: Key ([chars]) lookup from KMC server failed with error ([chars]), SME cluster (name [chars], id %llx)

Explanation SME KMC key lookup resulted in no key

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_KMC_KEY_ENTITY_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.

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Error Message SME_CPP-5-LOG_SME_KMC_MODIFY_DISK_STATUS_SUCCESS: Key ([chars]) update disk status in KMC server succeeded, SME cluster (name [chars], id %llx)

Explanation SME KMC disk status update succeeded

Recommended Action No action is required.

Error Message SME_CPP-5-SME_DISK_DP_WAIT_KMC: crypto disk data preparation (DG: [chars] CD NAME: [chars]) is waiting KMC validation of VPD

Explanation The data preparation is waiting for validation of VPD with KMC

Recommended Action No action is required.

Error Message SME_CPP-5-SME_DISK_DP_WAIT_PATH_ADD: crypto disk data preparation (DG: [chars] CD NAME: [chars]) is waiting paths to be added

Explanation The data preparation is waiting for paths to be added to the crypto disk

Recommended Action No action is required.

Error Message SME_CPP-5-SME_DISK_DP_WAIT_PATH_CFG: crypto disk data preparation (DG: [chars] CD NAME: [chars]) is waiting for the path (fabric: [chars] hwwn: 0x%Lx twwn: 0x%Lx vsan: [dec] lun_id: [chars]) to be added

Explanation The data preparation is waiting for discovered path to be added

Recommended Action No action is required.

Error Message SME_CPP-5-SME_DISK_DP_WAIT_PATH_DISC: (DG: [chars] CD NAME: [chars]) is waiting for configured path (fabric: [chars] hwwn: 0x%Lx twwn: 0x%Lx vsan: [dec] lun_id: [chars]) to be discovered

Explanation The data preparation is waiting for configured path to be discovered

Recommended Action No action is required.

SME_CPP Messages

SME_CPP-SLOT#-3

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISK_CAP_CHANGED: capacity changed for lun VID: [chars] PID: [chars] DID: [chars] previous max_lba: 0x%Lx blk_sz: [dec] discovered max_lba: [hex] blk_sz: [dec] on ITL Host PWWN:[chars] Tgt PWWN:[chars] LUN Id:0x%Lx

Explanation The capacity of the disk seems to have changed

Recommended Action No action is required.

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Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISK_CPP_ITL_MISCONFIG: Disk ITL Host PWWN:[chars] Tgt PWWN:[chars] LUN Id:0x%Lx has been misconfigured under a non disk lun

Explanation Disk ITL has been misconfigured under non disk lun

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISK_CPP_IT_MISCONFIG: Tape device has been misconfigured under disk IT nexus [chars] hence skipping discovery of ITLs under this IT nexus

Explanation Remove misconfigured disk path under the tape device

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISK_CRYPT_UPDATE_ITL_AUTH_FAIL: ITL Host PWWN:[chars] Tgt PWWN:[chars] LUN Id:0x%Lx with discovered VID: [chars] PID: [chars] DID: [chars] marked by SUP as failed authentication

Explanation SUP detected authentication failure on path

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISK_ENTITY_INVALID: disk entity index invalid from KMC (cluster: [chars] DG: [chars] CD NAME: [chars] VID: [chars] PID: [chars] DID: [chars])

Explanation KMC returned an invalid disk entity index

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISK_INVALID_CAPACITY: Disk capacity not supported.IT nexus:[chars] LUN Id:0x%Lx VID: [chars] PID : [chars] max_lba=[hex] max_lba64=0x%Lx

Explanation The reported disk capacity is zero

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISK_ITL_CREATE_VPD_MISMATCH: ITL Host PWWN:[chars] Tgt PWWN:[chars] LUN Id:0x%Lx VID: [chars] PID: [chars] DID: [chars] doesnt match cdisk DG: [chars] CD NAME: [chars] VID: [chars] PID: [chars] DID: [chars]

Explanation The configured path does not belong to this disk

Recommended Action No action is required.

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Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISK_ITL_MISCONFIG: ITL Host PWWN:[chars] Tgt PWWN:[chars] LUN Id:0x%Lx part of DG: [chars] CD NAME: [chars] is misconfigured as the ITL VPD VID: [chars] PID: [chars] DID: [chars] belongs to a different cdisk DG: [chars] CD NAME: [chars]

Explanation The configured path does not belong to this disk

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISK_KEY_INVALID: (CLUSTER: [chars] DG: [chars] CD NAME: [chars] keytype: [dec] keyguid: [chars] invalid

Explanation KMC returned an invalid disk key

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISK_KMC_VERIFY_PENDING: cluster: [chars] DG: [chars] CD NAME: [chars] VID: [chars] PID: [chars] DID: [chars]

Explanation Vpd of the discovered path pending verification with KMC

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISK_MISCONFIG: A disk device misconfiguration under disk config - Device Name:[chars] Host PWWN:[chars] Tgt PWWN:[chars] LUN Id:%Lx

Explanation A disk device misconfigured under disk config

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISK_PHYENCRYPT_FAILED: CL: [chars] DG: [chars] CD: [chars] VID: [chars] PID: [chars] DID: [chars] ISAPI_PhyCopyEncrypt() failed isapi status: [dec] copy status: [hex] scsi status: [hex] data preparation failed

Explanation ISAPI_PhyCopyEncrypt() failed causing data preparation to fail

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISK_VPD_CHANGED: VID, PID and DID changed on ITL Host PWWN:[chars] Tgt PWWN:[chars] LUN Id:0x%Lx previous VID: [chars] PID : [chars] DID: [chars] current VID: [chars] PID: [chars] DID: [chars]

Explanation The VPD of the disk seems to have changed

Recommended Action No action is required.

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Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISK_VPD_MISMATCH: ITL Host PWWN:[chars] Tgt PWWN:[chars] LUN Id:0x%Lx failed authentication DISK VPD(VID id: [chars] PID: [chars] DID: [chars]) ITL(VID: [chars] PID: [chars] DID: [chars])

Explanation The configured path does not belong to this disk

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DP_TEST_IO_ERR: IT nexus [chars] lun [chars] isapi [hex] scsi [hex] sense/asc/ascq [hex]/[hex]/[hex]

Explanation ITL DP TEST IO failure, please check status

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_IT_NEXUS_UNSUPPORTED: IT nexus [chars] has both disks and tapes which is an unsupported configuration

Explanation IT nexus has an unsupported mix of tape and disk devices

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_NON_DISK_MISCONFIG: A non-disk device misconfigured under disk config - Host PWWN:[chars] Tgt PWWN:[chars] LUN Id:%Lx

Explanation A non disk device misconfigured under disk config

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.

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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.

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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.

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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.

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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 `no shutdown` 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

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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

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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 is 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-EVENT_HIST_SHOW_SLOW: show command is taking more than [dec] seconds to complete

Explanation The show tech-support/event-history commands are taking more than expected time for completion due to a lot of events logged. This could lead to spanning-tree topology changes and may cause disruption of traffic.

Recommended Action Dont run `<CmdBold>`

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.

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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 reenble 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.

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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 occurrences. 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.

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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 this 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.

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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.

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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 administratively 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

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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 interface 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 strongly 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

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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 strongly 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

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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

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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.

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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.

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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.

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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.

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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 accessible. 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.

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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 continuously, 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 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.

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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 continuously, 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.

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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.

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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.

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Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_DEVICE_RESOURCE_RAN_OUT) Too many controllers were presented to the cluster [chars]

Explanation The configuration is not valid. Too many devices have been presented to the cluster or node.

Recommended Action 1. Remove unwanted devices from the fibre-channel network fabric. 2. Start a cluster discovery operation to find devices. 3. List all connected managed disks. Check with the customer that the configuration is as expected. Mark the error you have just repaired fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_IO_ERP) Error Recovery Procedure occurred [chars]

Explanation A managed disk error recovery procedure (ERP) has occurred. This error has been reported because a large number of disk error recovery procedures have been performed by the disk controller. The problem is probably caused by a failure of some other component on the SAN.

Recommended Action 1. View the error log entry and determine the managed disk that was being accessed when the problem was detected. (Note that the sense data from the disk controller is recorded in the cluster error log and can be accessed there. This data is not available in the switch system log.) 2. Perform the disk controller problem determination and repair procedures for the mdisk determined in step 1. 3. Perform fibre channel switch problem determination and repair procedures for the fibre channel switches containing the node, and connected to the disk controller that is managing the mdisk, and any fibre channel switches in the fibre channel path between those switches. 4. If any problems are found and resolved in steps 2 and 3, mark this error as fixed. 5. If no switch or disk controller failures were found in steps 2 and 3, take an error log dump. Call your hardware support center.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_IO_ERROR) Managed Disk I/O error [chars]

Explanation A managed disk or managed disk controller port has been excluded because of excessive errors or unusual behavior.

Recommended Action 1. Repair the enclosure or disk controller. 2. Check the managed disk status. If any managed disks show a status of online, mark the error you have just repaired as fixed. If any managed disks show a status of excluded, included the managed disks and then mark the error as fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_IO_THRESHOLD) Managed Disk error count threshold exceeded [chars]

Explanation A managed disk or managed disk controller port has been excluded because of excessive errors or unusual behavior.

Recommended Action 1. Repair the enclosure or disk controller. 2. Check the managed disk status. If any managed disks show a status of online, mark the error you have just repaired as fixed. If any managed disks show a status of excluded, included the managed disks and then mark the error as fixed.

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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.

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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.

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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 managed 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>.

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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 human intervention to continue.

Recommended Action Contact IBM Product support for assistance.

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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.

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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.

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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 determination 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 determination on the error log to determine the cause of the pinned data and correct.

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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 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_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 writing 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.

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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 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_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 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_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.

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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 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_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.

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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 continuously, 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 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_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>.

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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

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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 occurred 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.

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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.

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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.

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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.

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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>.

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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>.

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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 Virtual 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, which 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 discovering 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>.

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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>.

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Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_CREATE_FC_MAPPING)
Flash Copy mapping created [chars]

Explanation 'svctask mkfmap' 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 rmfmap' 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>.

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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>.

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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 chfconsistgrp -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 mkfconsistgrp' 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>.

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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.

Send document comments to nexus5k-docfeedback@cisco.com

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 rmdiskgrp' 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 rmdisk' 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>.

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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 chfcmmap' 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>.

Send document comments to nexus5k-docfeedback@cisco.com

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>.

Send document comments to nexus5k-docfeedback@cisco.com

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 mkrconsistgrp' 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_DELETELREL)
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>.

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Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_MODIFYCONSTGRP) Remote Copy consistency group modified [chars]

Explanation 'svctask chrconsistgrp' 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 chrrelationship' 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 startrelationship' 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 startreconsistgrp' 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 stoprelationship' 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 stopreconsistgrp' 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>.

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Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_SWITCH)
Remote Copy relationship switched [chars]

Explanation 'svctask switchrrelationship' 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 switchrconsistgrp' 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.

Send document comments to nexus5k-docfeedback@cisco.com

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>.

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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 shrinkdisksize' 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>.

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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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

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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-FEATURE_SET_NOT_DISABLED_SRVS: vdc [dec]: feature-set 0x%llx: Following services did not cleanup: [chars]

Explanation

Recommended Action No action is required.

Error Message SYSMGR-2-FEATURE_SET_UNGRACEFUL_DISABLE_FAILED_SRVS: vdc [dec]: feature-set 0x%llx: Following services did not exit even after SIGKILL: [chars]

Explanation

Recommended Action No action is required.

Send document comments to nexus5k-docfeedback@cisco.com

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.

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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.

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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'

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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.

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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.

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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.

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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.

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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.

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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.

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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.

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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.

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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.

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Error Message SYSMGR-2-PSS2_VOLATILE_DB_FULL: Volatile database usage in kernel is unexpectedly high at [dec]%.
[chars] (error-id [hex]).

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.

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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.

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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.

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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.

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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.

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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.

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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.

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.

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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.

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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.

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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.

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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.

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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.

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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.

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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.

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Error Message SYSMGR-3-STANDBY_UNSTABLE_FTSET_OPERATION: Restarting standby since it is not in hot standby state while feature-set operation was in progress in vdc [dec].

Explanation Standby unstable during feature-set operation

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.

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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.

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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.

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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.

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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.

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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.

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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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

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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.

Send document comments to nexus5k-docfeedback@cisco.com

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_SRVSUCCEEDED: 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.

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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.

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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.

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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.

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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.

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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.

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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.

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Error Message SYSTEMHEALTH-4-OHMS_LC_DAEMON_RESTARTED: System Health process running on module [dec] restarted.

Explanation System Health 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 persists, schedule a downtime and replace the compact flash on the affected module.

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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.

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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 occurred 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.

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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.

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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.

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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.

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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-3

Error Message TACACS-3-TACACS_ERROR_MESSAGE: [chars]

Explanation TACACS+ Error Message

Recommended Action No action is required.

TACACS-4

Error Message TACACS-4-TACACS_WARNING: [chars]

Explanation TACACS+ warning

Recommended Action No action is required.

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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.

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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-3

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.

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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.

TPC Messages

This section contains the TPC messages.

Send document comments to nexus5k-docfeedback@cisco.com

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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

Send document comments to nexus5k-docfeedback@cisco.com

TUNNEL-2

Error Message TUNNEL-2-FEATURE_ENABLE_FAILED: failed to enable feature tunnel, reason [chars] ([hex])

Explanation Failed to enable feature tunnel, reason [char] ([int])

Recommended Action Check the failure reason and take appropriate action to fix the failure. if unable to fix, please capture show tech-support tunnel

TUNNEL-3

Error Message TUNNEL-3-HW_PROGRAMMING_FAILED: for [chars], reason [chars]

Explanation Hardware programming failed for tunnel [num] interface

Recommended Action Try 'shutdown' and 'no shutdown' under tunnel interface submode after sometime. if still tunnel interface doesn't come up capture show tech-support tunnel to identify the issue

TUNNEL-4

Error Message TUNNEL-4-TM_DF_PROGRAMMING_FAILED: [chars] DF(dont fragment) programming failed! status [hex]

Explanation [chars] DF programming failed! status [int]

Recommended Action Capture show tech-support tunnel to identify why df flag programing failed

Error Message TUNNEL-4-TM_DF_PROGRAMMING: Programming [chars] DF(dont fragment) df.sel [dec] df.val [dec]

Explanation Programming [chars] DF df.sel [int] df.val [int]

Recommended Action No action is required.

Error Message TUNNEL-4-TM_MTU_PROGRAMMING_FAILED: [chars] mtu [dec] programming failed! status [hex]

Explanation [chars] mtu [int] programming failed! status [int]

Recommended Action Capture show tech-support tunnel to identify why MTU programming as failed. tunnel interface will used default mtu value

Send document comments to nexus5k-docfeedback@cisco.com

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.

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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 software 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 software sanity check failed in the course of UDLD processing.

Recommended Action LOG_STD_SH_TECH_ACTION

Send document comments to nexus5k-docfeedback@cisco.com

Error Message UDLD-3-UDLD_INTERNAL_IF_ERROR: UDLD internal error, interface [chars]: [chars]

Explanation A software 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 udd' for detail info.

Explanation UDLD gwrap count reached high level, show tech udd 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 neighbor 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.

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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 further 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 further analysis.

Recommended Action No action is required.

Error Message UFDM-2-INTERNAL_ERROR: Internal error: [chars], collect output of show tech-support forwarding l3 unicast... command

Explanation UFDM hit a internal error. Collect show tech-support forwarding l3 unicast for further analysis.

Recommended Action No action is required.

VDC_MGR Messages

This section contains the VDC_MGR messages.

Send document comments to nexus5k-docfeedback@cisco.com

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 vdc

Error Message VDC_MGR-2-VDC_LIC_WARN_EXP: WARNING License for vdc 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 vdc is not installed and currently running in the grace period

Recommended Action Vdc will continue to work within the grace period, but obtaining a license is recommended

Error Message VDC_MGR-2-VDC_OFFLINE: vdc [dec] is now offline

Explanation The vdc 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 received 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

Send document comments to nexus5k-docfeedback@cisco.com

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-5

Error Message VDC_MGR-5-VDC_FEATURESET_ALLOW: vdc_mgr: Feature-set [chars] can now be used in this vdc

Explanation Allowed feature-set config has changed

Recommended Action No action is required.

Error Message VDC_MGR-5-VDC_FEATURESET_DISALLOW: vdc_mgr: Feature-set [chars] is now disallowed in this vdc

Explanation Allowed feature-set config has changed

Recommended Action No action is required.

Error Message VDC_MGR-5-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-5-VDC_MEMBERSHIP_ADD: vdc_mgr: Interface [chars] has been added to this vdc

Explanation A new interface has been added to this vdc

Recommended Action No action is required.

Error Message VDC_MGR-5-VDC_MEMBERSHIP_DELETE: vdc_mgr: Interface [chars] has been removed from this vdc

Explanation A new interface has been removed from this vdc

Recommended Action No action is required.

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Error Message VDC_MGR-5-VDC_MODULETYPE: vdc_mgr: Module type changed to [chars]

Explanation This vdc has been changed to support only the the type of modules listed

Recommended Action No action is required.

Error Message VDC_MGR-5-VDC_STATE_CHANGE: vdc [dec] state changed to [chars]

Explanation A vdc state change has happened. This is most likely due to a configuration change.

Recommended Action No action is required.

VEC Messages

This section contains the VEC messages.

VEC-SLOT#-3

Error Message VEC-SLOT#-3-LOG_DPP_EXCEPTION: DPP Exception DPP [dec]

Explanation No action is required.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message VEC-SLOT#-3-LOG_GUID_MISMATCH: GUID Mismatch DPP [dec] PWWN [chars] lun [chars] Expected [chars] Read [chars]

Explanation The disk GUID verification performed by the DPP failed. Access to the disk is denied.

Recommended Action No action is required.

VEC-SLOT#-4

Error Message VEC-SLOT#-4-LOG_DPP_REBOOTED: DPP [dec] Rebooted

Explanation No action is required.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus5k-docfeedback@cisco.com

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 occurred

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 occurred

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 occurred

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 occurred

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.

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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 occurred

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 occurred

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 occurred

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 occurred

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 occurred

Recommended Action No action is required.

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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 occurred

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 occurred

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 occurred

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 occurred

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 occurred

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 occurred

Recommended Action No action is required.

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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 occurred. 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 occurred. 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.

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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.

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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_MODULE_RESET: Manual restart of VEM [dec] from Command Line Interface

Explanation User initiated a module reload from the CLI

Recommended Action No action is required.

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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

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Error Message VEM_MGR-2-VEM_MGR_UNLICENSED_MODS: Modules [chars] are not licensed, this will result in network connectivity issues. Please contact your Cisco account team or partner to purchase Licenses. To activate your purchased licenses, click on www.cisco.com/go/license.

Explanation Modules are not licensed

Recommended Action Please contact your sales representative to obtain the needed licenses

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.

VEM_MGR Messages

VEM_MGR-SLOT#-1

Error Message VEM_MGR-SLOT#-1-NW_STATE_TRACKING_INTERFACE_INACTIVE: [chars]

Explanation The interface identified in the syslog have failed to receive any traffic for the past threshold time. The threshold time is based on the configured tracking threshold and tracking frequency. This combined with ,Ã`NW_STATE_TRACKING_SPLIT_DETECTED,Ã` indicates a problem related to configuration or hardware/driver failure along the network path.

Recommended Action Please identify if the problem is due to configuration or a hardware failure and take necessary corrective action.

Error Message VEM_MGR-SLOT#-1-NW_STATE_TRACKING_SPLIT_DETECTED: [chars]

Explanation The tracking packets sent through the interfaces belonging to the vPC-HM port-channel on tracking vlan are not being received back from the network indicating a split in the network. This could possibly be a configuration problem or a hardware problem somewhere along the network path.

Recommended Action Please verify if there is any configuration or hardware problem and take necessary corrective action.

VEM_MGR-SLOT#-5

Error Message VEM_MGR-SLOT#-5-NW_STATE_TRACKING_INTERFACE_ACTIVE: [chars]

Explanation The interface mentioned in the syslog are properly forwarding the traffic.

Recommended Action No action required.

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Error Message VEM_MGR-SLOT#-5-NW_STATE_TRACKING_INTERFACE_CHANGE: [chars]

Explanation The tracking interface for the port-channel is set.

Recommended Action No action required.

Error Message VEM_MGR-SLOT#-5-NW_STATE_TRACKING_RECOVERY_DETECTED: [chars]

Explanation The tracking packets are looping back to the port-channel from the network indicating the recovery in the earlier detected network split.

Recommended Action No action required.

Error Message VEM_MGR-SLOT#-5-NW_STATE_TRACKING_VLAN_CHANGE: [chars]

Explanation The tracking vlan for the port-channel is set.

Recommended Action No action 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 occurred

Recommended Action No action is required.

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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 occurred

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 occurred

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 occurred

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 occurred. 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 occurred. Recovery will be preformed if appropriate.

Recommended Action No action is required.

VFC Messages

This section contains the VFC messages.

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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: daemon 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

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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 occurred

Recommended Action Remove the Veth interface, or flap the interface bound to the Veth

VIM-5

Error Message VIM-5-DYNAMIC_VETH_CREATION_DISABLED_MASTER: Dynamic Veth is not coming up because auto-setup is disabled on primary switch

Explanation In this switch, the interface has been configured with a different veth number than in the primary switch

Recommended Action Configure svcs veth auto-setup on primary switch

Error Message VIM-5-IF_ATTACHED: Interface [chars] is attached to Network Adapter [chars] [[chars]] of [[chars]] bound to [chars] on dvport id [dec] VIF-[dec] and vntag [dec] in [chars] mode

Explanation Interface has been attached

Recommended Action No action is required.

Error Message VIM-5-IF_ATTACH_FAILED: Interface [chars] failed to attach to [chars] on [chars] ([chars])

Explanation Interface failed to attach because of error during attach sequence

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.

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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: Interface [chars] is detached

Explanation Interface has been detached

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_OUT_OF_SYNC: Interface [chars] is detached (out-of-sync)

Explanation Interface has been detached because of the detection of an out-of-sync condition with the VEM

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.

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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 because 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 because the module is unlicensed

Recommended Action No action is required.

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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-VIF_ACTIVE_TO_STANDBY: Interface [chars] on Bound-If [chars] moved from Active to Standby with vntag [dec] and VIF-[dec]

Explanation Interface moved from Active to Standby

Recommended Action No action is required.

Error Message VIM-5-VIF_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 VIM-5-VIF_STANDBY_TO_ACTIVE: Interface [chars] on Bound-If [chars] moved from Standby to Active with vntag [dec] and VIF-[dec]

Explanation Interface moved from Standby to Active

Recommended Action No action is required.

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Error Message VIM-5-VIF_UP_ADMIN_UP: Interface [chars] came up in [chars] mode on Bound-If [chars] with vntag [dec] and VIF-[dec] (Administratively up)

Explanation Interface has been configured to be administratively up

Recommended Action Perform noshutdown"

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-CRITICAL_MSG: [chars]

Explanation VLAN Manager Critical Message

Recommended Action No action is required.

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.

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VLAN_MGR-5

Error Message VLAN_MGR-5-NOTIF_MSG: [chars]

Explanation VLAN Manager Notification Message

Recommended Action No action is required.

Error Message VLAN_MGR-5-RESERVED_VLAN_RANGE_CHANGED: New Reserved VLAN Range Configured From VLAN [dec] to VLAN [dec]

Explanation VLAN Manager Reserved VLAN Reconfiguration Message

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.

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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.

VMS Messages

VMS-3

Error Message VMS-3-VMS_DVS_DELETION_INV_USER: Admin user/group [chars] 'configuredonVSMdoesnotexistonvCenterServer'

Explanation The admin user or group that was entered as part of svcs connection doesntexistonvCenterServer'

Recommended Action No action is required.

Error Message VMS-3-VMS_SYSTEM_VLAN_TRUNCATION_ERR: System vlan list in port-profile [chars] exceeded 64 character limit. The following was truncated from Opaque Data: [chars] ''

Explanation The system vlan list entered exceeded 64 characters and hence got truncated in opaque data

Recommended Action No action is required.

Send document comments to nexus5k-docfeedback@cisco.com

VMS-5

Error Message VMS-5-DVS_MAX_PORTS_UPDATE: Updated dvswitch [chars] 'withmaxports' [dec] 'onthevCenterServer.'

Explanation Dvswitch maxports updated.

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.

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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.

VNS_AGENT Messages

VNS_AGENT-6

Error Message VNS_AGENT-6-VNSA_LIC_CHECKOUT: VNS licenses for Slot [dec] are being checked out[count=[dec]]

Explanation Licenses are being checked out for the slot

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.

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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-VPC_GRACEFUL_SUSP_ALL_VPC: Operational graceful type-1 check configuration changed, reiniting all vPCs

Explanation Graceful configuration change, reinit vPCs

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.

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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.

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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.

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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.

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VPC-5

Error Message VPC-5-GLOBAL_CONSISTENCY_SUCCESS: In domain [dec], global configuration 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_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-5-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-5-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-5-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.

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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-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-5-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-5-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-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_DOWN: vPC [dec] is down ([chars])

Explanation VPC is down (reason)

Recommended Action No action is required.

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Error Message VPC-5-VPC_PEER_LINK_UP: vPC Peer-link is up

Explanation VPC Peer-link is up

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.

Error Message VPC-5-VPC_UP: vPC [dec] is up

Explanation MCEC is UP

Recommended Action No action is required.

VPC-6

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.

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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-STATS_CLEARED: vPC Statistics Cleared

Explanation VPC statistics cleared

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.

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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_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_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.

VPM Messages

This section contains the VPM messages.

Send document comments to nexus5k-docfeedback@cisco.com

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 re-downloading 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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

Send document comments to nexus5k-docfeedback@cisco.com

Error Message VPM-6-BECAME_STDBY: Became STANDBY from active mode

Explanation The VP Manager became standby from active mode.

Recommended Action No action is required.

Error Message VPM-6-DG_DEREGISTERED: [chars]

Explanation The VP Manager has deregistered DG [chars] at slot=[dec] processor=[dec] and SAP=[dec].

Recommended Action No action is required.

Error Message VPM-6-DG_REGISTERED: [chars]

Explanation The VP Manager has registered DG [chars] from slot=[dec] processor=[dec] and SAP=[dec].

Recommended Action No action is required.

Error Message VPM-6-EXITING: Exited due to [chars]

Explanation The VP Manager process has exited due to [char]. The process has probably been restarted automatically.

Recommended Action No action is required.

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

Explanation The VP Manager was unable to send heartbeat to the system manger

Recommended Action No action is required.

Error Message VPM-6-GENERAL_EVENT: [chars]

Explanation The VP Manager has generated an important event. The description of the event is [str.]

Recommended Action No action is required.

Error Message VPM-6-PSS_CREATED: [chars] PSS Created

Explanation One of the persistent information database of VP Manager has been recreated

Recommended Action No action is required.

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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: daemon 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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

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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.

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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.

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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.

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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.

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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.

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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 to 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.

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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.

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VSHD-4

Error Message VSHD-4-VSHD_LICENSE_EXPIRY_WARNING: License [chars] expires on [chars]. Vsan policy will be set to default (deny) for all roles when license expires

Explanation Vsan policy would be set default (deny) for all roles when license expires

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

Error Message VSHD-4-VSHD_ROLE_DATABASE_OUT_OF_SYNC: Role configuration database found to be different between the switches during merge

Explanation Role configuration database is recommended to be identical among all switches in the fabric.

Recommended Action Edit the configuration on one of the switches to obtain the desired role configuration database and then commit it

Error Message VSHD-4-VSHD_ROLE_DATABASE_VERSION_NOT_UNDERSTOOD: This switch does not understand the version of role configuration database received during merge

Explanation This is probably occurring due to different versions of system image on switches in the fabric

Recommended Action Please make sure all switches are running the same version of the system image

VSHD-5

Error Message VSHD-5-VSHD_SYSLOG_CONFIG_CHANGE: VDC=[chars], VTY=[chars], user=[chars], CMD=[chars]

Explanation Configuration change notification

Recommended Action No action is required.

Error Message VSHD-5-VSHD_SYSLOG_CONFIG_I: Configured from vty by [chars] on [chars]

Explanation CLI Configuration mode was exited

Recommended Action No action is required.

Send document comments to nexus5k-docfeedback@cisco.com

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.

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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 a 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.

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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.

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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.

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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.

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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.

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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.

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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.

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Error Message XBAR_CLIENT-3-SUP2_XBC_MOD_INIT_FAIL: [chars], errcode - [hex]

Explanation The module initialization 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 has received an unknown IPC message

Recommended Action Please perform a 'show process xbar-client event-history' to collect more information

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Error Message XBAR_CLIENT-SLOT#-3-VEGAS2_XBC_MOD_INIT_FAIL: [chars], errcode - [hex]

Explanation The module initialization 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.

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Error Message XBAR-2-XBM_EEM_FABRIC_ACTION: Fabric [chars] has been reloaded by xbar-manager because of an eem-policy triggered action [chars] %i

Explanation Xbar-manager has removed the fabric because an eem policy has been met This means that the fabric has hit the maximum number of recoverable sync-losses with multiple line-cards within a time-window.

Recommended Action No action is required.

Error Message XBAR-2-XBM_EEM_MODULE_ACTION: Module [chars] has been reloaded by xbar-manager because of an eem-policy triggered action [chars] %i

Explanation Xbar-manager has removed the linecard because an eem policy has been met This means that the module has hit the maximum number of recoverable sync-losses with fabric card(s) within a time-window.

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.

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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.

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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.

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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.

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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 during sw initialization 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 santacruz versions on both sup's are the same.

Recommended Action No action is required.

XMLMA Messages

This section contains the XMLMA messages.

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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-MTSEERROR: 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.

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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 timed out: [chars]

Explanation XML sub agent timedout due to inactivity.

Recommended Action No action is required.

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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.

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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.

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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 team [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.

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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.

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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.

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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.

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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.

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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.

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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.

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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.

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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.

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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.

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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.

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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.

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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.

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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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

Send document comments to nexus5k-docfeedback@cisco.com

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.

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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.