

Cisco Nexus 3000 Series NX-OS System Messages Reference, Release 9.2(4)

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Messages and Recovery Procedures

This chapter lists the system messages by facility. Within each facility, the messages are listed by severity levels 0 to 7: 0 is the highest severity level, and 7 is the lowest severity level. Each 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-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.

[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.

ACLMGR-2

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

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

Recommended Action No action is required.

ACLMGR-3

Error Message ACLMGR-3-MTSError: [chars]

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

Recommended Action No action is required.

ACLQOS Messages

This section contains the ACLQOS messages.

ACLQOS-SLOT#-2

Error Message ACLQOS-SLOT#-2-ACLQOS_UNEXPECTED_PFC_FRAMES: [chars]

Explanation Unexpected PFC frames received

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.

ACLTCAM Messages

This section contains the ACLTCAM messages.

ACLTCAM-6

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

Explanation ACLTCAM status is reported as: [chars].

Recommended Action No action is required.

ACL Messages

This section contains the ACL messages.

ACL-6

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

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

Recommended Action No action is required.

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

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

Recommended Action No action is required.

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

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

Recommended Action No action is required.

ASCII-CFG Messages

This section contains the ASCII-CFG messages.

ASCII-CFG-2

Error Message ASCII-CFG-2-CONFIG_REPLAY_STATUS: [chars] Replay [chars].

Explanation Bootstrap or Ascii Configuration Replay Status info.

Recommended Action No action is required.

Error Message ASCII-CFG-2-CONF_CONTROL: [chars]

Explanation Configuration restore control info.

Recommended Action No action is required.

Error Message ASCII-CFG-2-SYSERR_ACFG_NO_STARTUP_CFG_FILE: [chars]

Explanation Startup configuration file is empty

Recommended Action No action is required.

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-INFORMATION: [chars]

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

Recommended Action No action is required.

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

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

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

[ASSOC_MGR Messages](#)

This section contains the ASSOC_MGR messages.

[ASSOC_MGR-0](#)

Error Message ASSOC_MGR-0-EMERGENCY_MSG: [chars]

Explanation Association Manager Emergency Message

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

[ASSOC_MGR-1](#)

Error Message ASSOC_MGR-1-ALERT_MSG: [chars]

Explanation Association Manager Alert Message

Recommended Action Association Manager Internal Operation Alert

[ASSOC_MGR-2](#)

Error Message ASSOC_MGR-2-CRITICAL_MSG: [chars]

Explanation Association Manager Critical Message

Recommended Action No action is required.

ASSOC_MGR-3

Error Message ASSOC_MGR-3-ERROR_MSG: [chars]

Explanation Association Manager Error Message

Recommended Action No action is required.

ASSOC_MGR-4

Error Message ASSOC_MGR-4-WARN_MSG: [chars]

Explanation Association Manager Warning Message

Recommended Action No action is required.

ASSOC_MGR-5

Error Message ASSOC_MGR-5-NOTIF_MSG: [chars]

Explanation Association Manager Notification Message

Recommended Action No action is required.

ASSOC_MGR-6

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

Explanation Association Activated

Recommended Action No action is required.

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

Explanation Association Created

Recommended Action No action is required.

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

Explanation Association Deactivated

Recommended Action No action is required.

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

Explanation Association Deleted

Recommended Action No action is required.

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

Explanation Association Manager Stateful Restart

Recommended Action No action is required.

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

Explanation Association Manager Stateless Restart

Recommended Action No action is required.

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

Explanation Association Operational State Change

Recommended Action No action is required.

Error Message ASSOC_MGR-6-INFO_MSG: [chars]

Explanation ASSOC Manager Informational Message

Recommended Action No action is required.

ASSOC MGR-7

Error Message ASSOC_MGR-7-DEBUG_MSG: [chars]

Explanation Association Manager Debug Message

Recommended Action No action is required.

BFD Messages

This section contains the BFD messages.

BFD-5

Error Message BFD-5-BFD_DISABLED: BFD Disabled

Explanation BFD Service Disabled

Recommended Action No action is required.

Error Message BFD-5-BFD_ENABLED: BFD Enabled

Explanation BFD Service enabled

Recommended Action No action is required.

CALLHOME Messages

This section contains the CALLHOME messages.

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

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-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-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-PSSERROR: [chars]

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

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.

CDP-6

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

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

Recommended Action No action is required.

Error Message CDP-6-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-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.

Error Message CERT_ENROLL-3-CERT_EN_IMPORT_TRUSTPOOL_ERROR: Trustpool import from URL :
[chars] failed

Explanation Trustpool download

Recommended Action No action is required.

Error Message CERT_ENROLL-3-CERT_EN_TRUSTPOOL_INIT_ERROR: Trustpool initialization error : [dec]

Explanation Trustpool initialization

Recommended Action No action is required.

Error Message CERT_ENROLL-3-CERT_EN_TRUSTPOOL_TIMER_ERROR: Trustpool timer error : [chars]

Explanation Trustpool download timer

Recommended Action No action is required.

CERT_ENROLL-6

Error Message CERT_ENROLL-6-CERT_EN_IMPORT_TRUSTPOOL: Successfully imported trustpool from URL : [chars]

Explanation Trustpool download

Recommended Action No action is required.

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-GENERAL_ERROR: [chars]

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

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.

CFS-3

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-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-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.

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.

CFS-6

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.

CLK_MGR Messages

This section contains the CLK_MGR messages.

CLK_MGR-2

Error Message CLK_MGR-2-CLK_MGR_FC2_CRIT: CLK_MGR critical error: [chars]

Explanation CLK_MGR fc2 clock synchronization critical error

Recommended Action No action is required.

CLK_MGR-5

Error Message CLK_MGR-5-CLK_MGR_CLI_CONFIG: CLK_MGR clock is synchronized by [chars] from VDC [dec]

Explanation CLK_MGR clock is synchronized by [chars] from VDC

Recommended Action No action is required.

CLK_MGR-6

Error Message CLK_MGR-6-CLK_MGR_TSTAMP_CHKS_DISABLED: CLK_MGR timestamp checks disabled: [chars]

Explanation CLK_MGR timestamp checks disabled

Recommended Action No action is required.

Error Message CLK_MGR-6-CLK_MGR_TSTAMP_CHKS_ENABLED: CLK_MGR timestamp checks enabled

Explanation CLK_MGR timestamp checks enabled

Recommended Action No action is required.

CLOUD Messages

This section contains the CLOUD messages.

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

CMOND Messages

This section contains the CMOND messages.

CMOND-2

Error Message CMOND-2-CMOND_ALERT_MSG: [chars]

Explanation Alert message

Recommended Action No action is required.

Error Message CMOND-2-CMOND_ERROR_MSG: [chars]

Explanation Error message

Recommended Action No action is required.

COPP Messages

This section contains the COPP messages.

COPP-5

Error Message COPP-5-COPP_DISABLED: COPP Disabled

Explanation COPP Service Disabled

Recommended Action No action is required.

Error Message COPP-5-COPP_ENABLED: COPP Enabled

Explanation COPP Service nabled

Recommended Action No action is required.

Error Message COPP-5-COPP_INIT: COPP initialized

Explanation COPP Service Initialized

Recommended Action No action is required.

DCEFIB Messages

This section contains the DCEFIB messages.

DCEFIB-SLOT#-2

Error Message DCEFIB-SLOT#-2-U2FIB_ERR: [chars]

Explanation L2mp unicast fib encountered an error:

Recommended Action No action is required.

DCEFIB-SLOT#-6

Error Message DCEFIB-SLOT#-6-U2FIB_INFO: [chars]

Explanation L2mp unicast fib notice:

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.

DHCLIENT Messages

This section contains the DHCLIENT messages.

DHCLIENT-2

Error Message DHCLIENT-2-DHCLIENT_DISCOVER_RECVD_NAK: [chars] - Received DHCP NAK

Explanation Received DHCP NAK

Recommended Action No action is required.

Error Message DHCLIENT-2-DHCLIENT_DISCOVER_START: [chars] - DHCLIENT DHCP Discover phase started

Explanation DHCLIENT DHCP Discover phase started

Recommended Action No action is required.

Error Message DHCLIENT-2-DHCLIENT_FAILURE: [chars]

Explanation DHCLIENT Failure

Recommended Action No action is required.

Error Message DHCLIENT-2-DHCLIENT_FLASH_FULL: DHCLIENT bootflash doesn't have enough space (85% FULL)

Explanation DHCLIENT bootflash doesn't have enough space (85% FULL)

Recommended Action No action is required.

Error Message DHCLIENT-2-DHCLIENT_INITED: [chars] - DHCLIENT process initialized

Explanation DHCLIENT process initialized

Recommended Action No action is required.

Error Message DHCLIENT-2-DHCLIENT_SCRIPT_DOWNLOADED: [chars] - Successfully downloaded DHCLIENT script file

Explanation Successfully downloaded DHCLIENT script file

Recommended Action No action is required.

Error Message DHCLIENT-2-DHCLIENT_SCRIPT_STARTED_MD5_NOT_VALIDATED: [chars] - DHCLIENT script execution started(MD5 not validated)

Explanation DHCLIENT script execution started(MD5 not validated)

Recommended Action No action is required.

Error Message DHCLIENT-2-DHCLIENT_SCRIPT_STARTED_MD5_VALIDATED: [chars] - DHCLIENT script execution started(MD5 validated)

Explanation DHCLIENT script execution started(MD5 validated)

Recommended Action No action is required.

Error Message DHCLIENT-2-DHCLIENT_SCRIPT_STARTED_MD5_VALIDATION_FAIL: [chars] - DHCLIENT boot file validation failed

Explanation DHCLIENT boot file validation failed.

Recommended Action No action is required.

DHCLIENT-4

Error Message DHCLIENT-4-DHCLIENT_WARNING: [chars]

Explanation DHCLIENT Warning

Recommended Action No action is required.

DHCLIENT-5

Error Message DHCLIENT-5-DHCLIENT_DISABLED: [chars] - DHCLIENT Disabled

Explanation DHCLIENT Service Disabled

Recommended Action No action is required.

Error Message DHCLIENT-5-DHCLIENT_ENABLED: [chars] - DHCLIENT Enabled

Explanation DHCLIENT Service nabled

Recommended Action No action is required.

DHCLIENT-6

Error Message DHCLIENT-6-DHCLIENT_INFO: [chars]

Explanation DHCLIENT Info

Recommended Action No action is required.

DHCLIENT-7

Error Message DHCLIENT-7-DHCLIENT_DEBUG: [chars]

Explanation DHCLIENT Debug

Recommended Action No action is required.

DHCP_SNOOP Messages

This section contains the DHCP_SNOOP messages.

DHCP_SNOOP-2

Error Message DHCP_SNOOP-2-BD_LABEL_FAILURE: Unable to allocate BD label.

Explanation Unable to allocate BD label.

Recommended Action No action is required.

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-DHCP_SNOOP_Q_FULL: [chars]

Explanation DHCP snoop process received QUEUE FULL Notification from MTS

Recommended Action No action is required.

Error Message DHCP_SNOOP-2-DHCP_SNOOP_Q_HIGH: [chars]

Explanation DHCP snoop process received QUEUE HIGH Notification from MTS

Recommended Action No action is required.

Error Message DHCP_SNOOP-2-IFACL_LABEL_FAILURE: Unable to allocate IFACL label.

Explanation Unable to allocate IFACL label.

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.

DHCP_SNOOP-3

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

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

Recommended Action No action is required.

Error Message DHCP_SNOOP-3-IPV6APIINIT_FAILED: [chars]

Explanation DHCP Snoop process failed to do ipv6_api_init [chars]

Recommended Action No action is required.

Error Message DHCP_SNOOP-3-IPV6REGISTER_FAILED: [chars]

Explanation DHCP Snoop process failed to do ipv6_register [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.

DHCP_SNOOP-5

Error Message DHCP_SNOOP-5-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.

DHCP_SNOOP-6

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-INTFDISABLE: IP Src Guard disabled on intf [chars]

Explanation IP Src Guard was disabled on a given intf. [chars] is the intf-ID string that identifies the intf. This is an informational message.

Recommended Action No action is required.

Error Message DHCP_SNOOP-6-INTFENABLE: IP Src Guard enabled on intf [chars]

Explanation IP Src Guard was enabled on a given intf. [chars] is the intf-ID string that identifies the intf. This is an informational message.

Recommended Action No action is required.

Error Message DHCP_SNOOP-6-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.

DIAG_PORT_LB Messages

This section contains the DIAG_PORT_LB messages.

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.

DOT1X Messages

This section contains the DOT1X messages.

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-DOT1X_NOTIF: [chars]

Explanation Dot1x Notification

Recommended Action No action is required.

DSTATS Messages

This section contains the DSTATS messages.

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.

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.

[EOU Messages](#)

This section contains the EOU messages.

[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.

EPLD_UPGRADE Messages

This section contains the EPLD_UPGRADE messages.

EPLD_UPGRADE-2

Error Message EPLD_UPGRADE-2-ACTIVE_SINGLE_SUP_UPGRADE: install all epld does not upgrade Active Supervisor module [dec].

Explanation Install all epld does not upgrade Active Supervisor in a switch with a single supervisor.

Recommended Action No action is required.

Error Message EPLD_UPGRADE-2-ACTIVE_SUP_UPGRADE: install all epld does not upgrade Active Supervisor module [dec]. Please do a switchover and upgrade the EPLDs on module [dec].

Explanation Install all epld did not upgrade Active Supervisor.

Recommended Action No action is required.

EPP Messages

This section contains the EPP messages.

EPP-5

Error Message EPP-5-EPP_FAILURE: Interface [chars] EPP Failure

Explanation Trunk protocol failed

Recommended Action 'show epp internal event-history err' will indicate the errors encountered

ETH-PORT-SEC Messages

This section contains the ETH-PORT-SEC messages.

ETH-PORT-SEC-2

Error Message ETH-PORT-SEC-2-ETH_PORT_SEC_ADDR_SEEN: MAC address already secured on peer-switch. Please re-configure after VPC comes up, if this interface is supposed to be a VPC PO

Explanation Mac already secured on peer

Recommended Action No action is required.

Error Message ETH-PORT-SEC-2-ETH_PORT_SEC_MISCONFIG: MAC Addresses present exceed the allowed number of MAC addresses on Port [chars]. Fix the inconsistency on this port.

Explanation MAC Addresses present exceed the allowed number of MAC addresses.

Recommended Action No action is required.

Error Message ETH-PORT-SEC-2-ETH_PORT_SEC_REGMAC_ADD_FAIL: Unable to add regmac [chars] for <[chars], vlan [dec]> since it is already registered for <[chars], vlan [dec]>

Explanation Duplicate regmac detected

Recommended Action No action is required.

Error Message ETH-PORT-SEC-2-ETH_PORT_SEC_SECURITY_VIOLATION: Triggered violation [chars] on Port [chars]

Explanation Violation action triggered on port due to security violation.

Recommended Action No action is required.

ETH-PORT-SEC-3

Error Message ETH-PORT-SEC-3-ETH_PORT_SEC_CONFIG_MAC_FAILED: Failed to configure MACs

Explanation Failed to configure MACs

Recommended Action No action is required.

Error Message ETH-PORT-SEC-3-ETH_PORT_SEC_INVALID_VLAN: Invalid VLAN configuration

Explanation Invalid VLAN configuration

Recommended Action No action is required.

Error Message ETH-PORT-SEC-3-ETH_PORT_SEC_PKTSENDFAIL: Failed to send packet, - [chars]

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

Recommended Action No action is required.

Error Message ETH-PORT-SEC-3-ETH_PORT_SEC_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.

Error Message ETH-PORT-SEC-3-ETH_PORT_SEC_UNABLE_TO_ENABLE: Unable to enable eth_port_sec [chars].

Explanation Unable to enable eth_port_sec Service

Recommended Action No action is required.

Error Message ETH-PORT-SEC-3-ETH_PORT_SEC_VIOL_UPDATE_FAILED: Failed to update violation mode

Explanation Failed to update violation mode

Recommended Action No action is required.

ETH-PORT-SEC-5

Error Message ETH-PORT-SEC-5-ETH_PORT_SEC_AGE_TIME_EXPIRY: Age Time expired for host [chars] in VLAN [dec] in port [chars]

Explanation Age time expired for host

Recommended Action No action is required.

Error Message ETH-PORT-SEC-5-ETH_PORT_SEC_DISABLED: eth_port_sec Disabled on if_index:[hex]

Explanation Eth_port_sec Service Disabled

Recommended Action No action is required.

Error Message ETH-PORT-SEC-5-ETH_PORT_SEC_DYNAMIC_MAC_ADDRESS_CLEARED: Dynamic MAC addresses for port [chars] cleared

Explanation Dynamic MAC address for port cleared

Recommended Action No action is required.

Error Message ETH-PORT-SEC-5-ETH_PORT_SEC_ENABLED: eth_port_sec Enabled on if_index:[hex]

Explanation Eth_port_sec Service Enabled

Recommended Action No action is required.

Error Message ETH-PORT-SEC-5-ETH_PORT_SEC_HOST_ADDITION: A new Host [chars] learnt on Port [chars] in Vlan [dec]

Explanation A new host is learnt on a port

Recommended Action No action is required.

Error Message ETH-PORT-SEC-5-ETH_PORT_SEC_HOST_DELETION: Host [chars] bound to secure port [chars] in Vlan [dec] has been removed

Explanation A host has been removed

Recommended Action No action is required.

Error Message ETH-PORT-SEC-5-ETH_PORT_SEC_INITFAIL: Eth Port Security Initialization failed: [chars]

Explanation Eth Port Security Initialization failed.[chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message ETH-PORT-SEC-5-ETH_PORT_SEC_MAX_LIMIT_EXCEED: Max Addr per port config cannot be accepted as it will violate the System Max limit. [chars]

Explanation System wide Max Limit Exceeds

Recommended Action No action is required.

Error Message ETH-PORT-SEC-5-ETH_PORT_SEC_PORT_SEC_ENABLED_PARTIALLY: Port security enabled partially in configuration on this vpc port, port security is not enabled operationally since peer VPC port doesnt have port security enabled.

Explanation Port security enabled partially in configuration

Recommended Action No action is required.

ETH_PORT_CHANNEL Messages

This section contains the ETH_PORT_CHANNEL messages.

ETH_PORT_CHANNEL-3

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 None

Error Message ETH_PORT_CHANNEL-3-CLEAR_PORT_CLIENT_STATS_FAILURE: [chars]

Explanation Failed to clear stats for port [chars] err: [hex] ([chars])

Recommended Action None

Error Message ETH_PORT_CHANNEL-3-GENERAL_ERROR: [chars]

Explanation General error

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-3-RESOURCE_ALLOC_FAILED_PORT_CHANNEL_DELETED: [chars] deleted

Explanation Port-channel deleted from running config

Recommended Action May need to re-configure the port-channel and its members

Error Message ETH_PORT_CHANNEL-3-SHADOW_MBR_CHANGE_FAILURE: [chars]

Explanation Some service failed shadow member change to port-channel

Recommended Action None

Error Message ETH_PORT_CHANNEL-3-SHADOW_PC_CREATE_FAILURE: [chars]

Explanation Some service failed shadow port-channel create

Recommended Action None

Error Message ETH_PORT_CHANNEL-3-SHADOW_PC_DELETE_FAILURE: [chars]

Explanation Some service failed shadow port-channel delete

Recommended Action None

[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.

Error Message ETH_PORT_CHANNEL-4-RACE_WARN: [chars]

Explanation Warning of possible race condition

Recommended Action No action is required.

[ETH_PORT_CHANNEL-5](#)

Error Message ETH_PORT_CHANNEL-5-CREATED: [chars] created

Explanation A port-channel is created

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-DELETED: [chars] deleted

Explanation A port-channel is deleted

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-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_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_WAIT_BFD: [chars] waiting for BFD session to get established

Explanation Port waiting for BFD session establishment

Recommended Action None

[FABRICPATH Messages](#)

This section contains the FABRICPATH messages.

[FABRICPATH-2](#)

Error Message FABRICPATH-2-FABRICPATH_LINK_BRINGUP_STALLED_STATIC: Link bringup stalled due to conflicts: [chars]

Explanation Interface is disabled due to conflicts

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.

[FEATURE-MGR Messages](#)

This section contains the FEATURE-MGR messages.

[FEATURE-MGR-6](#)

Error Message `FEATURE-MGR-6-FM_FSET_VMM_OP_ERROR: [chars]`

Explanation The error seen at FM and VMM interaction

Recommended Action Please contact FM/VMM team

[FEX Messages](#)

This section contains the FEX messages.

[FEX-2](#)

Error Message `FEX-2-FEXCONFIG_ON_VPC: A green start is a must after ISSU for VPC config on FPC([hex]) for AA-FEX bringup. Please ignore if you already reloaded the switch after upgrading to version >= 7.0.3(I5)2`

Explanation Green start (post ISSU) is a must to ensure programming correctness before configuring AA-FEXes

Recommended Action No action is required.

Error Message FEX-2-FEX_NOT_ONLINE_SUP_ISSU: FEX [dec] did not come online after SUP ISSU

Explanation FEX did not come online after sup ISSU

Recommended Action No action is required.

Error Message FEX-2-FEX_OFFLINE: FEX [dec] has gone OFFLINE

Explanation FEX has gone OFFLINE

Recommended Action No action is required.

Error Message FEX-2-FEX_ONLINE: FEX [dec] has come ONLINE

Explanation FEX has come ONLINE

Recommended Action No action is required.

Error Message FEX-2-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-4

Error Message FEX-4-FEX_SCALING_LIMITS_REACHED: You have exceeded the advisable FEX scaling limits.

Explanation More FEX/FEX ports in the system than recommended by Cisco.

Recommended Action No action is required.

FEX-5

Explanation System /tmp space usage.

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

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

GLBP Messages

This section contains the GLBP messages.

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_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

HSRP_ENGINE Messages

This section contains the HSRP_ENGINE messages.

HSRP_ENGINE-3

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.

IKE Messages

This section contains the IKE messages.

IKE-3

Error Message IKE-3-IKE_PROGRAM_EXIT: [chars]

Explanation IKE process did an abnormal exit

Recommended Action No action is required.

IMP Messages

This section contains the IMP messages.

IMP-5

Error Message IMP-5-IMP_DISABLED: IMP Disabled

Explanation IMP Service Disabled

Recommended Action No action is required.

Error Message IMP-5-IMP_ENABLED: IMP Enabled

Explanation IMP Service nabled

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_IF_CONFIG_DELETED_NOTIF_DELAYED_DROPPED: Interface VLAN Delete Notification Not Processed on Time by SAP [dec] ([chars])

Explanation This SAP took long time in processing Interface VLAN delete notification and caused timeout

Recommended Action No action is required.

Error Message INTERFACE_VLAN-4-SVI_IF_CONFIG_REMOVED_NOTIF_DELAYED_DROPPED: Interface VLAN Remove Notification Not Processed on Time by SAP [dec] ([chars])

Explanation This SAP took long time in processing Interface VLAN remove notification and caused timeout

Recommended Action No action is required.

Error Message INTERFACE_VLAN-4-SVI_VLAN_DOES_NOT_EXIST: Vlan [dec] does not exist

Explanation Vlan not created before assignment

Recommended Action Interface-vlan

Error Message INTERFACE_VLAN-4-SVI_WARN_SVI_UP_IN_NON_ROUTABLE_VDC: Interface VLAN [dec] is being kept up in non-routable VDC. Reason: management configuration enabled. Please disable all the routing protocols

Explanation Keeping Interface VLAN up in non-routable VDC may cause potential traffic blackhole

Recommended Action No action is required.

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.

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 for rrtoken [hex], vlans [chars]

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.

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.

IPSEC Messages

This section contains the IPSEC messages.

IPSEC-5

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.

ISCM Messages

This section contains the ISCM messages.

ISCM-2

Error Message ISCM-2-ITD_BUCKET_COUNT_EXCEEDS_LIMIT: Cannot perform the action -ITD

failaction reassign/ configure- Service=[chars], from node=[dec], to node=[dec]: total number of buckets exceed limit of [dec] per node

Explanation Number of buckets assigned to a node cannot exceed 32.

Recommended Action Fix node failure to recoved bucket reassignment

ISCM-4

Error Message ISCM-4-NOT_ENOUGH_TRACKS: not enough tracks for service [chars] device-group [chars]

Explanation Not enough tracks available for ITD

Recommended Action Free tracks, then re-enable the service

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.

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.

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.

LDAP Messages

This section contains the LDAP messages.

LDAP-3

Error Message LDAP-3-LDAP_ERROR_MESSAGE: [chars]

Explanation LDAP Error Message

Recommended Action No action is required.

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.

LDP Messages

This section contains the 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.

LICMGR Messages

This section contains the LICMGR messages.

LICMGR-3

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.

LICMGR-6

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: 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.

[LLDP Messages](#)

This section contains the LLDP messages.

[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.

MCAST Messages

This section contains the MCAST messages.

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-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.

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.

MCM-2

Error Message MCM-2-MCM_CRITICAL_ERROR: Internal Critical Error

Explanation Some critical error

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.

NAT Messages

This section contains the NAT messages.

NAT-2

Error Message NAT-2-HW_PROG_FAILED: Hardware programming for NAT failed:[chars]([dec])

Explanation NAT software encountered an error while programming the hardware to do NAT translation

Recommended Action No action is required.

NAT-5

Error Message NAT-5-NAT_LOG_DISABLED: [chars] license not installed or expired

Explanation NAT needs license to run

Recommended Action No action is required.

Error Message NAT-5-NAT_LOG_ENABLED: [chars] license installed

Explanation NAT needs license to run

Recommended Action No action is required.

NFP Messages

This section contains the NFP messages.

NFP-SLOT#-2

Error Message NFP-SLOT#-2-FTEC_DDB_ERR: [chars]([dec]): fte ddb error.[chars] [hex]

Explanation Fte 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-FTEC_ERR: [chars]([dec]): fte error.[chars] [hex]

Explanation Fte 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_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] [hex]

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.

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 Info

Recommended Action Please contact the 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 Messages

This section contains the NPV messages.

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-CLEAR_FAILED: [chars]

Explanation An error occurred while clearing the lock. The reason for the failure : [chars]

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

Error Message NPV-3-COMMIT_FAILED: [chars]

Explanation An error occurred while committing configuration. The reason for the failure : [chars]

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

Error Message NPV-3-COMMIT_PARTIALLY_FAILED: [chars]

Explanation An error occurred while committing configuration. Configuration could not be committed on some switches. The reason for the failure : [chars]. Configuration can be inconsistent in the fabric.

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

Error Message NPV-3-COMMIT_REJECTED: [chars]

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

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

Error Message NPV-3-FC2_SEND_FAILED: [chars]

Explanation NPV process could send an FC2 message.

Recommended Action No action is required.

Error Message NPV-3-F_RJT_SENT: [chars]

Explanation NPV process sent an F_RJT frame.

Recommended Action No action is required.

Error Message NPV-3-INTERNAL_ERROR: Internal error: [chars]

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

Recommended Action No action is required.

Error Message NPV-3-LCP_PROGRAMMING_FAILED: [chars]

Explanation LCP programming request initiated by the NPV process has failed

Recommended Action No action is required.

Error Message NPV-3-LOCK_FAILED: [chars]

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

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

Error Message NPV-3-LS_RJT_RCVD: [chars]

Explanation NPV process received an LS_RJT frame.

Recommended Action No action is required.

Error Message NPV-3-LS_RJT_SENT: [chars]

Explanation NPV process sent an LS_RJT frame.

Recommended Action No action is required.

Error Message NPV-3-MALLOC_FAILED: [chars]

Explanation NPV process could not allocate memory

Recommended Action No action is required.

Error Message NPV-3-MERGE_ACTIVATION_FAILED: [chars]

Explanation An error occurred while activating merged configuration. The reason for the failure : [chars]

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

Error Message NPV-3-MERGE_FAILED: [chars]

Explanation An error occurred while merging configuration. The reason for the failure : [chars]

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

Error Message NPV-3-MTS_SEND_FAILED: [chars]

Explanation NPV process could not send an MTS message.

Recommended Action No action is required.

Error Message NPV-3-NPIV_DISABLE_FAILED: [chars]

Explanation NPIV feature could not be disabled.

Recommended Action No action is required.

Error Message NPV-3-NPIV_NOT_SUPPORTED: [chars]

Explanation Nexus 9000 platform supports FCOE-NPV only. So, NPIV feature has no meaning in this platform

Recommended Action No action is required.

Error Message NPV-3-NPV_UPLINK_UNSTABLE: [chars]

Explanation Atleast one of the external interface is unstable. Loadbalancing across uplink requires stable links

Recommended Action No action is required.

Error Message NPV-3-PORT_BRINGUP_FAILED: [chars]

Explanation NPV process has failed to bringup the port

Recommended Action No action is required.

Error Message NPV-3-PORT_REINIT_FAILED: [chars]

Explanation Port reinit request initiated by the NPV process has failed

Recommended Action No action is required.

Error Message NPV-3-UNLOCK_FAILED: [chars]

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

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

NPV-5

Error Message NPV-5-FRAME_DISCARDED: [chars]

Explanation NPV process discarded an FC2 frame.

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.

Error Message NPV-6-ELS_CMD_SENT_TO_CORE: [chars]

Explanation NPV process sent an ELS frame to the core switch.

Recommended Action No action is required.

Error Message NPV-6-ELS_CMD_SENT_TO_SRV: [chars]

Explanation NPV process sent an ELS frame to the server.

Recommended Action No action is required.

Error Message NPV-6-EXT_IF_SELECTED: [chars]

Explanation NPV process has selected an external interface to forward either all frames received on a server interface or frames received from a specific port WWN.

Recommended Action No action is required.

Error Message NPV-6-FABRIC_PROXY_LOGO_SENT: [chars]

Explanation NPV process sent a LOGO frame to the device as the corresponding external interface went down.

Recommended Action No action is required.

Error Message NPV-6-FDISC_RCVD: [chars]

Explanation NPV process received an FDISC frame.

Recommended Action No action is required.

Error Message NPV-6-FDISC_SENT: [chars]

Explanation NPV process sent an FDISC frame to the core switch.

Recommended Action No action is required.

Error Message NPV-6-FLOGI_RCVD: [chars]

Explanation NPV process received an FLOGI frame.

Recommended Action No action is required.

Error Message NPV-6-INTERNAL_FLOGI_SENT: [chars]

Explanation NPV process sent an internal FLOGI frame to the core switch on an external interface.

Recommended Action No action is required.

Error Message NPV-6-LOGO_RCVD: [chars]

Explanation NPV process received a LOGO frame.

Recommended Action No action is required.

Error Message NPV-6-LOGO_SENT: [chars]

Explanation NPV process sent a LOGO frame.

Recommended Action No action is required.

Error Message NPV-6-LS_ACC_RCVD: [chars]

Explanation NPV process received an LS_ACC frame.

Recommended Action No action is required.

Error Message NPV-6-LS_ACC_SENT: [chars]

Explanation NPV process sent an LS_ACC frame.

Recommended Action No action is required.

Error Message NPV-6-MTS_NOTIF_RCVD: [chars]

Explanation NPV process received an MTS notification.

Recommended Action No action is required.

Error Message NPV-6-MTS_NOTIF_SENT: [chars]

Explanation NPV process sent an MTS notification.

Recommended Action No action is required.

Error Message NPV-6-MTS_REQ_RCVD: [chars]

Explanation NPV process received an MTS request.

Recommended Action No action is required.

Error Message NPV-6-MTS_REQ_SENT: [chars]

Explanation NPV process sent an MTS request.

Recommended Action No action is required.

Error Message NPV-6-MTS_RESP_RCVD: [chars]

Explanation NPV process received an MTS response.

Recommended Action No action is required.

Error Message NPV-6-MTS_RESP_SENT: [chars]

Explanation NPV process sent an MTS response.

Recommended Action No action is required.

Error Message NPV-6-NPIV_DISABLED: [chars]

Explanation NPIV feature has been disabled.

Recommended Action No action is required.

Error Message NPV-6-NPIV_ENABLED: [chars]

Explanation NPIV feature has been enabled.

Recommended Action No action is required.

Error Message NPV-6-NPV_ENABLE_DISABLE_IN_PROGRESS: [chars]

Explanation NPV feature enable/disable is in progress. This syslog is printed at the beginning of various significant phases.

Recommended Action No action is required.

Error Message NPV-6-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.

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.

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.

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

Explanation NTP syslog Warning : [chars].

Recommended Action No action is required.

OTM Messages

This section contains the OTM messages.

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_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.

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_REM: : Tracking object [dec] removed

Explanation Tracking Object [dec] removed

Recommended Action No action is required.

Error Message OTM-6-OTM_STARTED: OTM process started

Explanation OTM process is up and running

Recommended Action No action is required.

Error Message OTM-6-OTM_TRACK_START: Client started tracking object [dec]

Explanation Client has started tracking object [dec]

Recommended Action No action is required.

Error Message OTM-6-OTM_TRACK_STOP: Client stopped tracking object [dec]

Explanation Client has stopped tracking object [dec]

Recommended Action No action is required.

PATCH-INSTALLER Messages

This section contains the PATCH-INSTALLER messages.

PATCH-INSTALLER-3

Error Message PATCH-INSTALLER-3-PATCH_INSTALLER_OP_FAILED: Package Install operation: [chars]
, operation ID: [dec], failed with error: [dec] ([chars]) at: [chars]

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

Recommended Action Patch_installer

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 'show tech pixm-all' and 'show tech pixmc-all'

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 'show tech pixm-all' and 'show tech pixmc-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 'show tech pixm-all' and 'show tech pixmc-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 'show tech pixm-all' and 'show tech pixmc-all'

PLATFORM Messages

This section contains the PLATFORM messages.

PLATFORM-0

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-PFM_EMERGENCY: [chars]

Explanation Platform Emergency

Recommended Action No action is required.

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.

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.

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-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-PFM_CRITICAL: [chars]

Explanation Platform Critical

Recommended Action No action is required.

Error Message PLATFORM-2-PFM_PREP_DEEP_SLEEP: Supervisor module in slot [dec] preparing to enter deep sleep mode

Explanation Deep sleep mode initiated by the Connectivity Management Processor (CMP) for this supervisor

Recommended Action No action is required.

Error Message PLATFORM-2-PS_CAPACITY_CHANGE: Power supply PS[dec] changed its capacity. possibly due to On/Off or 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_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_RED_MODE_CHG: Power supply operational 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_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_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.

PLATFORM-3

Error Message PLATFORM-3-PFM_ERROR: [chars]

Explanation Platform Error

Recommended Action No action is required.

PLATFORM-4

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-FEX_FAN_DETECT: Fex [dec] Fan Module [dec] detected

Explanation Fex Fan module is detected

Recommended Action No action is required.

Error Message PLATFORM-5-FEX_FAN_REMOVE: Fex [dec] Fan Module [dec] removed

Explanation Fex Fan module is removed

Recommended Action No action is required.

Error Message PLATFORM-5-FEX_PS_FOUND: Fex [dec] Power Supply [dec] found (Serial number [chars])

Explanation Fex power supply is found

Recommended Action No action is required.

Error Message PLATFORM-5-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 PLATFORM-5-PFM_NOTICE: [chars]

Explanation Platform Notice

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.

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.

POAP Messages

This section contains the POAP messages.

POAP-2

Error Message POAP-2-POAP_AUTOCOPY_TIMEOUT: [chars] - Standby autcopy timed out

Explanation POAP timed out waiting for standby image autcopy.

Recommended Action No action is required.

Error Message POAP-2-POAP_AUTOCOPY_WAIT: [chars] - Standby image copy in progress

Explanation POAP is waiting for standby image autoopy.

Recommended Action No action is required.

Error Message POAP-2-POAP_DHCP_DISCOVER_START: [chars] - POAP DHCP Discover phase started

Explanation POAP DHCP Discover phase started

Recommended Action No action is required.

Error Message POAP-2-POAP_FAILURE_READ_MODINFO: [chars] - Failure to read module info

Explanation POAP failure to read module info

Recommended Action No action is required.

Error Message POAP-2-POAP_FAILURE: [chars] - [chars]

Explanation POAP failure

Recommended Action No action is required.

Error Message POAP-2-POAP_INFO: [chars] - [chars]

Explanation POAP Info

Recommended Action No action is required.

Error Message POAP-2-POAP_INITED: [chars] - POAP process initialized

Explanation POAP process initialized

Recommended Action No action is required.

Error Message POAP-2-POAP_RELOAD_DEVICE: [chars] - Reload device

Explanation POAP reload device.

Recommended Action No action is required.

Error Message POAP-2-POAP_SCRIPT_DOWNLOADED: [chars] - Successfully downloaded POAP script file

Explanation Successfully downloaded POAP script file

Recommended Action No action is required.

Error Message POAP-2-POAP_SCRIPT_STARTED_MD5_NOT_VALIDATED: [chars] - POAP script execution started(MD5 not validated)

Explanation POAP script execution started(MD5 not validated)

Recommended Action No action is required.

Error Message POAP-2-POAP_SCRIPT_STARTED_MD5_VALIDATED: [chars] - POAP script execution started(MD5 validated)

Explanation POAP script execution started(MD5 validated)

Recommended Action No action is required.

Error Message POAP-2-POAP_SCRIPT_STARTED_MD5_VALIDATION_FAIL: [chars] - POAP boot file validation failed

Explanation POAP boot file validation failed.

Recommended Action No action is required.

POAP-5

Error Message POAP-5-POAP_DISABLED: [chars] - POAP Disabled

Explanation POAP Service Disabled

Recommended Action No action is required.

Error Message POAP-5-POAP_ENABLED: [chars] - POAP Enabled

Explanation POAP Service nabled

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.

PORT-CHANNEL Messages

This section contains the PORT-CHANNEL messages.

PORT-CHANNEL-3

Error Message PORT-CHANNEL-3-GENERAL_ERROR: [chars]

Explanation General error

Recommended Action No action is required.

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-RACE_WARN: [chars]

Explanation Warning of possible race condition

Recommended Action No action is required.

PORT-CHANNEL-5

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-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_REMOVED: [chars] removed from [chars]

Explanation Ports are removed from a port-channel

Recommended Action No action is required.

PORT Messages

This section contains the PORT messages.

PORT-3

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

PORT-4

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

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_FAIL_TO_ASSOCIATE_PRIMARY_WITH_SECONDARY_VLAN: Failed to bring up the association between [dec] & [dec]

Explanation Association between primary and secondary vlan failed due to an error returned by vlan manager

Recommended Action No action is required.

Error Message PRIVATE_VLAN-2-PVLAN_FAIL_TO_COMMUNICATE_REMOVE_VLAN_ASSOCIATION_TO_ELTM: Failed to bring down the association between [dec] & [dec]

Explanation Fail to remove association between primary and secondary vlan due to an error returned by eltm manager

Recommended Action No action is required.

Error Message PRIVATE_VLAN-2-PVLAN_FAIL_TO_COMMUNICATE_VLAN_ASSOCIATION_TO_ELTM: Failed to bring up the association between [dec] & [dec]

Explanation Failed to associate primary and secondary vlan due to an error returned by eltm manager

Recommended Action No action is required.

Error Message PRIVATE_VLAN-2-

PVLAN_FAIL_TO_REMOVE_ASSOCIATION_BETWEEN_PRIMARY_AND_SECONDARY_VLAN: Failed to bring down the association between [dec] & [dec]

Explanation Removing association between primary and secondary vlan failed due to an error returned by vlan manager

Recommended Action No action is required.

Error Message PRIVATE_VLAN-2-PVLAN_HW_ERROR: Error [hex] occurred for ifindex [hex] while programming hardware: [chars]

Explanation Hardware Configuration Error

Recommended Action No action is required.

Error Message PRIVATE_VLAN-2-PVLAN_PIXM_MTS_SEND_FAILED: MTS send failed while communicating with PIXM

Explanation PIXM MTS send failed

Recommended Action No action is required.

Error Message PRIVATE_VLAN-2-PVLAN_PIXM_TIMED_OUT: PIXM timed out while configuring hardware.

Explanation PIXM timed out

Recommended Action No action is required.

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 use

Recommended Action No action is required.

Error Message PRIVATE_VLAN-3-PVLAN_NOT_PRIMARY_VLAN: VLAN [dec] is not a primary vlan.
Invalid operation.

Explanation We cant remove association from secondary vlan

Recommended Action No action is required.

Error Message PRIVATE_VLAN-3-PVLAN_SEC_VLAN_NOT_EXIST: VLAN [dec] is not associated with
primary VLAN [dec]

Explanation This secondary vlan is not associated with primary vlan

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 the ports that are in switchport mode private-vlan: [chars]

Explanation Disabling of private-vlan failed

Recommended Action No action is required.

Error Message PRIVATE_VLAN-5-PVLAN_ENABLED: PVLAN Enabled

Explanation PVLAN Service Enabled

Recommended Action No action is required.

Error Message PRIVATE_VLAN-5-PVLAN_VTP_DISABLE_FAILED: Either remove all private-vlans from VTP domain or change VTP to transparent mode

Explanation Disabling of private-vlan failed

Recommended Action No action is required.

PSS Messages

This section contains the PSS messages.

PSS-2

Error Message PSS-2-PSS_ERROR: [chars]

Explanation PSS error log

Recommended Action No action is required.

Error Message PSS-2-PSS_INFRACONVERT: [chars]

Explanation Error in libinfraconvert during pss conversion

Recommended Action No action is required.

PSS-4

Error Message PSS-4-PSS_CLEANUP: [chars]: cleaning up [chars]

Explanation PSS removed a leftover or corrupted file

Recommended Action No action is required.

PSS-5

Error Message PSS-5-PSS_CONVERT_FORMAT: [chars]: converting pss format: [chars]

Explanation PSS format is being converted

Recommended Action No action is required.

Error Message PSS-5-PSS_CONVERT_LAYOUT: [chars]: converting pss layout: [chars] (params [dec]/[dec]/[dec] -> [dec]/[dec]/[dec])

Explanation PSS layout is being converted

Recommended Action No action is required.

Error Message PSS-5-PSS_SHRINK: [chars]: shrinking pss: [chars]

Explanation PSS is being shrunk to remove free space

Recommended Action No action is required.

Error Message PSS-5-SDB_CLOSED_AT_COMMIT: [chars]: sdb [chars] is closed: token [dec] is not committed

Explanation Publisher received SDB commit but sdb was already closed

Recommended Action No action is required.

PTPLC Messages

This section contains the PTPLC messages.

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.

PTP Messages

This section contains the PTP messages.

PTP-2

Error Message PTP-2-PTP_BAD_CORRECTION_DETECTED: PTP correction %lld exceeds the threshold. Discarding the correction value. MasterTimestamp %llu(sec) [dec](nsec), SlaveTimestamp %llu(sec) [dec](nsec)

Explanation PTP bad correction detected

Recommended Action No action is required.

Error Message PTP-2-PTP_CLOCKID_CHANGE: Clock id has changed from [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex] to [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]

Explanation PTP clock-id changed

Recommended Action No action is required.

Error Message PTP-2-PTP_GM_CHANGE_TOLOCAL: Grandmaster clock has changed to local clock [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex] for the PTP protocol

Explanation PTP GM changed to local Clock ID

Recommended Action No action is required.

Error Message PTP-2-PTP_GM_CHANGE: Grandmaster clock has changed from [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex] to [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex] for the PTP protocol

Explanation PTP GM changed

Recommended Action No action is required.

Error Message PTP-2-PTP_HIGH_CORR: Slave port [chars] High correction %lld(nsec)

Explanation PTP clock high correction

Recommended Action No action is required.

Error Message PTP-2-PTP_HIGH_MEAN_PATH_DELAY: PTP mean-path-delay %llu exceeds the threshold. Discarding the value.

Explanation PTP high mean-path-delay detected

Recommended Action No action is required.

Error Message PTP-2-PTP_INCORRECT_PACKET_ON_SLAVE: Incorrect delay response packet received on slave interface [chars] by [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]. Source Port Identity is [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]. Requesting Port Identity is [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]

Explanation Incorrect delay response packet

Recommended Action No action is required.

Error Message PTP-2-PTP_INTF_DISABLED: PTP on interface [chars] is now DISABLED

Explanation PTP is disabled on the interface

Recommended Action No action is required.

Error Message PTP-2-PTP_NO_SEND_FOLLOWUP: NOT sending FOLLOW_UP on interface:[chars]

Explanation PTP not sending followup on interface

Recommended Action No action is required.

Error Message PTP-2-PTP_NO_SUPPORT_100G: PTP is NOT supported on 100G interface,remove ptp config on this intf for better time-sync

Explanation PTP not supported on 100G intf

Recommended Action No action is required.

Error Message PTP-2-PTP_OFFLOAD_STATUS: PTP offload [chars]

Explanation PTP offload status

Recommended Action No action is required.

Error Message PTP-2-PTP_STATE_CHANGE: PTP state of interface [chars] is changing from '[chars]' to '[chars]'

Explanation PTP Port state change

Recommended Action No action is required.

Error Message PTP-2-PTP_TIMESYNC_LOST: Loss of synchronization with master clock

Explanation PTP lost synchronization with master clock

Recommended Action No action is required.

PTP-5

Error Message PTP-5-PTP_ASCAPABLE_CHANGE: PTP Neighbor of [chars] changed to IEEE 802.1AS capable

Explanation 802.1 AS capability of neighbor at interface changed to yes

Recommended Action No action is required.

Error Message PTP-5-PTP_ASNOTCAPABLE_CHANGE: PTP Neighbor of [chars] changed to IEEE 802.1AS not capable, [chars] %lld

Explanation 802.1 AS capability of neighbor at interface changed to no

Recommended Action No action is required.

Error Message PTP-5-PTP_DISABLED: PTP disabled

Explanation PTP Service Enabled

Recommended Action No action is required.

Error Message PTP-5-PTP_DOMAIN_CHANGE: PTP domain changed to [dec]

Explanation PTP domain changed

Recommended Action No action is required.

Error Message PTP-5-PTP_ENABLED: PTP enabled

Explanation PTP Service Enabled

Recommended Action No action is required.

Error Message PTP-5-PTP_ENCAP_CHANGE: PTP encapsulation is changed to '[chars]'

Explanation PTP encapsulation is changed

Recommended Action No action is required.

Error Message PTP-5-PTP_MODE_CHANGE: PTP mode is changed to '[chars]'

Explanation PTP mode is changed

Recommended Action No action is required.

Error Message PTP-5-PTP_PROP_DELAY_THRESH_CHANGE: PTP propagation-delay threshold is changed to [dec] for '[chars]'

Explanation PTP propagation-delay threshold is changed

Recommended Action No action is required.

PTP-6

Error Message PTP-6-PTP_ANNOUNCE_INTERVAL_CHANGE: PTP announce interval for [chars] changed to [dec]

Explanation PTP announce interval for [chars] changed

Recommended Action No action is required.

Error Message PTP-6-PTP_ANNOUNCE_TIMEOUT_CHANGE: PTP announce timeout interval for [chars] changed to [dec]

Explanation PTP announce timeout interval for [chars] changed

Recommended Action No action is required.

Error Message PTP-6-PTP_DELAY_REQ_INTERVAL_CHANGE: PTP delay-req interval for [chars] changed to [dec]

Explanation PTP delay-req interval for [chars] changed

Recommended Action No action is required.

Error Message PTP-6-PTP_PRIORITY1_CHANGE: PTP priority1 changed to [dec]

Explanation PTP priority1 changed

Recommended Action No action is required.

Error Message PTP-6-PTP_PRIORITY2_CHANGE: PTP priority2 changed to [dec]

Explanation PTP priority2 changed

Recommended Action No action is required.

Error Message PTP-6-PTP_SYNC_INTERVAL_CHANGE: PTP sync interval for [chars] changed to [dec]

Explanation PTP sync interval for [chars] changed

Recommended Action No action is required.

Error Message PTP-6-PTP_TIMESYNC_REG_CHANGE: PTP time-sync register changed

Explanation PTP time-sync reg change

Recommended Action No action is required.

Error Message PTP-6-PTP_VLAN_CHANGE: PTP vlan for [chars] changed to [dec]

Explanation PTP vlan for [chars] changed

Recommended Action No action is required.

[QOS Messages](#)

This section contains the QOS messages.

[QOS-2](#)

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-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.

QOS-3

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-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-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.

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.

QOS-6

Error Message QOS-6-DISABLED_UP_MARKING: [chars]

Explanation The QoS Manager has disabled marking of time-critical control traffic as high-priority traffic. Priority of such traffic is now not altered by QoS Manager.

Recommended Action No action is required.

Error Message QOS-6-ENABLED_UP_MARKING: [chars]

Explanation The QoS Manager has enabled marking of time-critical control traffic as high-priority traffic.

Recommended Action No action is required.

Error Message QOS-6-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.

[QUACK_SMC Messages](#)

This section contains the QUACK_SMC messages.

[QUACK_SMC-6](#)

Error Message QUACK_SMC-6-QUACK_LIB_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

[RADIUS Messages](#)

This section contains the RADIUS messages.

[RADIUS-3](#)

Error Message RADIUS-3-RADIUS_ERROR_MESSAGE: [chars]

Explanation RADIUS Error Message

Recommended Action No action is required.

[RADIUS-4](#)

Error Message RADIUS-4-RADIUS_WARNING: [chars]

Explanation RADIUS Warning

Recommended Action No action is required.

[RADIUS-5](#)

Error Message RADIUS-5-RADIUS_MONITOR_STATUS: [chars] [chars]

Explanation Notifying Radius server monitor status change

Recommended Action No action is required.

Error Message RADIUS-5-RADIUS_NOTIFICATION: [chars]

Explanation RADIUS Notification

Recommended Action No action is required.

Error Message RADIUS-5-RADIUS_SERVER_STATUS: [chars] server [chars] with auth-port [dec] and acct-port [dec] status has changed from [chars] to [chars]. Server was in previous-state for [chars], and total dead time of the server is [chars]

Explanation Notifying Radius server status change

Recommended Action No action is required.

RADIUS-6

Error Message RADIUS-6-RADIUS_ACCOUNTING_MESSAGE: [chars]

Explanation Accounting Message

Recommended Action No action is required.

Error Message RADIUS-6-RADIUS_MESSAGE: [chars]

Explanation RADIUS Message

Recommended Action No action is required.

RES_MGR Messages

This section contains the RES_MGR messages.

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.

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.

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.

SCHEDULER Messages

This section contains the SCHEDULER messages.

SCHEDULER-3

Error Message SCHEDULER-3-SCH_ERR: [chars]

Explanation Scheduler error

Recommended Action No action is required.

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.

SECURITYD Messages

This section contains the SECURITYD messages.

SECURITYD-2

Error Message SECURITYD-2-FEATURE_ENABLE_DISABLE: User [chars] has [chars] the feature [chars]

Explanation User has enabled or disabled the feature

Recommended Action No action is required.

Error Message SECURITYD-2-FEATURE_NXAPI_ENABLE: Feature nxapi is being enabled [chars]

Explanation Feature nxapi has been enabled with https and the http port is disabled

Recommended Action To enable http access to the device, please configure 'nxapi http port

Error Message SECURITYD-2-FIPS_BYPASS_SELF_TEST_STATUS: FIPS Bypass self-test status :

[chars]

Explanation Status of FIPS self-test [chars]

Recommended Action No action is required.

Error Message SECURITYD-2-FIPS_CRNG_SELF_TEST_STATUS: FIPS CRNG self-test status : [chars]

Explanation Status of FIPS self-test [chars]

Recommended Action No action is required.

Error Message SECURITYD-2-FIPS_CRYPTO_SELF_TEST_STATUS: FIPS [chars] Crypto self-test status : [chars]

Explanation Status of FIPS [chars] self-test [chars]

Recommended Action No action is required.

Error Message SECURITYD-2-FIPS_POST_ERROR_MSG: [chars]

Explanation Fips post Error Message

Recommended Action No action is required.

Error Message SECURITYD-2-FIPS_POST_MAINTENANCE: FIPS Test failed. Moving to maintenance mode

Explanation FIPS Test failed. Moving to maintenance mode

Recommended Action No action is required.

Error Message SECURITYD-2-FIPS_POST_TEST_FAILED: FIPS crypto-test failure : [dec]

Explanation FIPS crypto-test failed [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-INVALID_ADMIN_PASSWD: User admin has NULL password. Copy r s aborted

Explanation User admin has NULL password. Copy r s aborted

Recommended Action No action is required.

SECURITYD-3

Error Message SECURITYD-3-NVRAMFAILURE: nvram failure

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

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

Error Message SECURITYD-3-USERPASSPHRASE_TIMEVALUE_FAIL: Update timevalue for user: [chars] [FAIL]

Explanation Update timevalue 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.

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.

Error Message SECURITYD-6-FIPS_POST_INFO_MSG: [chars]

Explanation Fips post Information Message

Recommended Action No action is required.

SKSD Messages

This section contains the 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.

Error Message SKSD-3-SKSD_FIPS_MODE_INIT_ERROR: Could not initialize FIPS mode : [chars]

Explanation FIPS mode initialization error

Recommended Action No action is required.

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.

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_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.

SKSD-6

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

Explanation Encryption Service informational updates.

Recommended Action No action is required.

SNMPD Messages

This section contains the SNMPD messages.

SNMPD-1

Error Message SNMPD-1-ALERT: SNMP log alert : [chars]

Explanation SNMP log alert message.

Recommended Action No action is required.

SNMPD-2

Error Message SNMPD-2-CRITICAL: SNMP log critical : [chars]

Explanation SNMP log critical message.

Recommended Action No action is required.

SNMPD-3

Error Message SNMPD-3-ERROR: SNMP log error : [chars]

Explanation SNMP log error message.

Recommended Action No action is required.

SNMPD-4

Error Message SNMPD-4-WARNING: SNMP log warning : [chars]

Explanation SNMP log warning message.

Recommended Action No action is required.

SNMPD-5

Error Message SNMPD-5-NOTIFICATION: SNMP log notification : [chars]

Explanation SNMP log notification message.

Recommended Action No action is required.

SNMPD-6

Error Message SNMPD-6-INFO: SNMP log informational : [chars]

Explanation SNMP log info message.

Recommended Action No action is required.

[SNMPD-7](#)

Error Message SNMPD-7-DEBUG: SNMP log debugging : [chars]

Explanation SNMP log debug message.

Recommended Action No action is required.

[STP Messages](#)

This section contains the STP messages.

[STP-2](#)

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.

[TACACS Messages](#)

This section contains the TACACS messages.

[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.

[TACACS-5](#)

Error Message TACACS-5-TACACS_MONITOR_STATUS: [chars] [chars]

Explanation Notifying Tacacs+ server monitor status change

Recommended Action No action is required.

Error Message TACACS-5-TACACS_NOTIFICATION: [chars]

Explanation TACACS+ notification

Recommended Action No action is required.

Error Message TACACS-5-TACACS_SERVER_STATUS: [chars] server [chars] with auth-port [dec] and acct-port [dec] status has changed from [chars] to [chars]. Server was in previous-state for [chars], and total dead time of the server is [chars]

Explanation Notifying Tacacs+ server status change

Recommended Action No action is required.

TACACS-6

Error Message TACACS-6-TACACS_ACCOUNTING_MESSAGE: [chars]

Explanation Accounting Message

Recommended Action No action is required.

Error Message TACACS-6-TACACS_MESSAGE: [chars]

Explanation TACACS+ Message

Recommended Action No action is required.

TBIRD_CMN_USD Messages

This section contains the TBIRD_CMN_USD messages.

TBIRD_CMN_USD-6

Error Message TBIRD_CMN_USD-6-TBIRD_CMN_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

TELEMETRY Messages

This section contains the TELEMETRY messages.

TELEMETRY-1

Error Message TELEMETRY-1-ALERT: [chars]

Explanation Alert message

Recommended Action ACTION_NONE

TELEMETRY-2

Error Message TELEMETRY-2-CRITICAL: [chars]

Explanation Critical message

Recommended Action ACTION_NONE

TELEMETRY-3

Error Message TELEMETRY-3-ERROR: [chars]

Explanation Error message

Recommended Action ACTION_NONE

TELEMETRY-4

Error Message TELEMETRY-4-DISABLE_DONE: [chars]

Explanation Telemetry is now disabled. You can re-enable the feature if needed.

Recommended Action ACTION_NONE

Error Message TELEMETRY-4-DISABLING_FEATURE: [chars]

Explanation Telemetry is being disabled. Please wait until process terminates.

Recommended Action Don't re-enable telemetry until the process exits.

Error Message `TELEMETRY-4-INITERR: TM initialized [chars] failed`

Explanation Initialization failures condition

Recommended Action ACTION_NONE

Error Message `TELEMETRY-4-TRANSPORT_RECONFIGURE: [chars]`

Explanation A configuration change requires reconfiguring destination groups to take effect.

Recommended Action Reconfigure telemetry destination groups.

Error Message `TELEMETRY-4-TRANSPORT_SEND_ERROR: [chars] send to [chars] failed. ([chars])`

Explanation Telemetry transport send failure.

Recommended Action Make sure receiver is up and running.

Error Message `TELEMETRY-4-WARNING: [chars]`

Explanation Warning message

Recommended Action ACTION_NONE

TELEMETRY-5

Error Message `TELEMETRY-5-NOTICE: [chars]`

Explanation Normal bug significant condition

Recommended Action ACTION_NONE

TELEMETRY-6

Error Message `TELEMETRY-6-INFO: [chars]`

Explanation Informational message

Recommended Action ACTION_NONE

TELEMETRY-7

Error Message TELEMETRY-7-DEBUG: [chars]

Explanation Debug message

Recommended Action ACTION_NONE

TUNNEL Messages

This section contains the TUNNEL messages.

TUNNEL-2

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

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

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

Error Message TUNNEL-2-TUNNEL_INTF_STATE_UPDATE: Interface [chars] is down reason ([chars])

Explanation Interface [char] is down reason [char]

Recommended Action No action is required.

Error Message TUNNEL-2-UNSUPPORTED_TUNNEL_TYPE: Failed to create interface [chars] due to unsupported-tunnel type

Explanation Current tunnel type is not supported in this release

Recommended Action No action is required.

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-5

Error Message TUNNEL-5-IF_CLEAR_COUNTER: Interface [chars] counters is cleared

Explanation Interface [char] counters is cleared

Recommended Action No action is required.

Error Message TUNNEL-5-IF_CREATED: Interface [chars] is created

Explanation Interface [char] is created

Recommended Action No action is required.

Error Message TUNNEL-5-IF_CREATE_FAILED: Interface [chars] creation failed due to [[hex]] [chars]

Explanation Interface [char] is creation failed due to [int] [char]

Recommended Action No action is required.

Error Message TUNNEL-5-IF_DELETED: Interface [chars] is deleted

Explanation Interface [char] is deleted

Recommended Action No action is required.

Error Message TUNNEL-5-IF_STATE_UPDATE: Interface [chars] is [chars] reason [chars]

Explanation Interface [char] is [char] reason [char]

Recommended Action No action is required.

Error Message TUNNEL-5-PPF_SESSION_FAILED: session id %llx type [chars] for [chars] failed error [hex] [chars]

Explanation Session id [int] type [char] for [char] failed error [int] [char]

Recommended Action No action is required.

Error Message TUNNEL-5-TM_DISABLED: Tunnel Disabled

Explanation Tunnel Service Disabled

Recommended Action No action is required.

Error Message TUNNEL-5-TM_ENABLED: Tunnel Enabled

Explanation Tunnel Service Enabled

Recommended Action No action is required.

TUNNEL-7

Error Message TUNNEL-7-TM_INFO: [chars]

Explanation Tunnel Service info

Recommended Action No action is required.

U2RIB Messages

This section contains the U2RIB messages.

U2RIB-5

Error Message U2RIB-5-U2RIB_DISABLED: U2RIB Disabled

Explanation U2RIB Service Disabled

Recommended Action No action is required.

Error Message U2RIB-5-U2RIB_ENABLED: U2RIB Enabled

Explanation U2RIB Service enabled

Recommended Action No action is required.

UDLD Messages

This section contains the UDLD messages.

UDLD-5

Error Message UDLD-5-UDLD_AGGRESSIVE: UDLD Aggressive

Explanation UDLD Service Aggressive

Recommended Action No action is required.

Error Message UDLD-5-UDLD_DISABLED: UDLD Disabled

Explanation UDLD Service Disabled

Recommended Action No action is required.

Error Message UDLD-5-UDLD_ENABLED: UDLD Enabled

Explanation UDLD Service Enabled

Recommended Action No action is required.

UFDM Messages

This section contains the UFDM messages.

UFDM-5

Error Message UFDM-5-DNLD_TIMEOUT: Download timer expired: [chars]

Explanation UFDM download timer expired. Collect show tech-support forwarding I3 unicast for further analysis.

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-FABRIC_DYNAMIC_CORE_VLAN_RANGE_REMOVED: Fabric dynamic and core VLAN ranges removed. Please delete VLANs [chars] in the ranges

Explanation VLAN Manager Core VLAN Range Removal Message

Recommended Action No action is required.

Error Message VLAN_MGR-2-VLAN_DELETE_FAILED_RSN_BD_EXIST: VTP request to delete VLAN(s) [chars] could not be processed. Bridge Domains exist for VLANs [chars]

Explanation VLAN delete failed since Bridge Domains Exist

Recommended Action No action is required.

Error Message VLAN_MGR-2-VLAN_MGR_VLAN_NOT_PRESENT: Dynamic VLAN [dec] is not configured, please check vlan global configuration!

Explanation VLAN Manager failed to bring up Dynamic VLAN Message

Recommended Action No action is required.

VLAN MGR-3

Error Message VLAN_MGR-3-ERROR_MSG: [chars]

Explanation VLAN manager error

Recommended Action No action is required.

Error Message VLAN_MGR-3-VLAN_MGR_DVLAN_FAILED_UP: Dynamic VLAN [dec] failed to be up! err:[hex]:[chars]

Explanation VLAN Manager failed to bring up Dynamic VLAN Message

Recommended Action No action is required.

Error Message VLAN_MGR-3-VLAN_MGR_VLAN_NOT_ACTIVE: Dynamic VLAN [dec] is not active, please check configuration!

Explanation VLAN Manager failed to bring up Dynamic VLAN Message

Recommended Action No action is required.

VLAN MGR-4

Error Message VLAN_MGR-4-WARN_MSG: [chars]

Explanation VLAN manager warning

Recommended Action No action is required.

VLAN MGR-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.

Error Message VLAN_MGR-5-VLAN_MGR_DVLAN_TEARDOWN: Dynamic VLAN [dec] is teared down by dot1x for interface [hex] !

Explanation VLAN Manager has Dynamic VLAN torn down Message

Recommended Action No action is required.

Error Message VLAN_MGR-5-VLAN_MGR_DVLAN_UP: Dynamic VLAN [dec] is up for interface [hex] !

Explanation VLAN Manager has Dynamic VLAN up 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.

VMTRACKER Messages

This section contains the VMTRACKER messages.

VMTRACKER-2

Error Message VMTRACKER-2-VMTRACKER_CONNECTION_ISSUE: Problem with connection: [chars]

Explanation Connection problem

Recommended Action Problem with connection. Try "no connect"; "connect"

Error Message VMTRACKER-2-VMTRACKER_HMM_REGISTRATION_FAIL: [chars]

Explanation HMM Registration error

Recommended Action No action is required.

Error Message VMTRACKER-2-VMTRACKER_TRUNK_MODE_WARN: Interface [chars] is used by VMTracker.
Changing it back to TRUNK mode.

Explanation Port trunk mode warning message

Recommended Action Do not change port mode when it is used by VMTracker. To change the mode, disable VMTracker on the interface first.

[VMTRACKER-3](#)

Error Message VMTRACKER-3-VMTRACKER_SOAP_ERR: Soap Err:[chars]

Explanation Soap Call failure message

Recommended Action No action is required.

[VMTRACKER-4](#)

Error Message VMTRACKER-4-VMTRACKER_HMM_TRIGGER_FAIL: auto-config trigger failure, vlan [dec]
[chars]

Explanation HMM Request error

Recommended Action No action is required.

Error Message VMTRACKER-4-VMTRACKER_SOAP_WARN: Soap Warn:[chars]

Explanation Soap Call warning message

Recommended Action No action is required.

VMTRACKER-5

Error Message VMTRACKER-5-VMTRACKER_CONFIG_VLAN: [chars]

Explanation Vlan configuration message

Recommended Action No action is required.

Error Message VMTRACKER-5-VMTRACKER_CREATE_VLAN: Vlan Created: [chars]

Explanation Vlan addition message

Recommended Action No action is required.

Error Message VMTRACKER-5-VMTRACKER_DISABLED: Service Disabled

Explanation Service Disabled

Recommended Action No action is required.

Error Message VMTRACKER-5-VMTRACKER_ENABLED: Service Enabled

Explanation Service enabled

Recommended Action No action is required.

Error Message VMTRACKER-5-VMTRACKER_MESSAGE: [chars]

Explanation Generic message

Recommended Action No action is required.

Error Message VMTRACKER-5-VMTRACKER_REMOVE_VLAN: Vlan Removed: [chars]

Explanation Vlan deletion message

Recommended Action No action is required.

VPC Messages

This section contains the VPC messages.

VPC-2

Error Message VPC-2-L3_VPC_UNEQUAL_WEIGHT: Layer3 peer-router is enabled. Please make sure both vPC peers have the same L3 routing configuration

Explanation Unequal weight routing is not supported when layer3 peer-router is enabled

Recommended Action No action is required.

Error Message VPC-2-PEER_KEEP_ALIVE_RECV_FAIL: In domain [dec], VPC peer keep-alive receive has failed

Explanation Peer keep-alive receive failed

Recommended Action No action is required.

Error Message VPC-2-PEER_KEEP_ALIVE_SEND_FAIL: In domain [dec], VPC peer keep-alive send has failed

Explanation Peer keep-alive send failed

Recommended Action No action is required.

Error Message VPC-2-PEER_VPC_RESP_TIMEDOUT: Failed to receive response from peer for vPC: [dec]

Explanation VPC bringup failed

Recommended Action No action is required.

Error Message VPC-2-TRACK_INTFS_DOWN: In domain [dec], vPC tracked interfaces down, suspending all vPCs and keep-alive

Explanation VPC tracked object down

Recommended Action No action is required.

Error Message VPC-2-VPCCONFIG_ON_FPC: A green start is a must after ISSU for VPC config on FPC([hex]) for AA-FEX bringup. Please ignore if you already reloaded the switch after upgrading to version >= 7.0.3(I5)2

Explanation Green start (post ISSU) is a must to ensure programming correctness before configuring AA-FEXes

Recommended Action No action is required.

Error Message VPC-2-VPC_ADD_L3_BKUP_VLAN_TO_PEER_GW_EXCLUDE_LIST: Exclude L3 backup routing VLAN from vpc peer-gateway config.

Explanation Triggered when peer-link is F1 and peer-gateway is configured without exclude-vlan list.

Recommended Action No action is required.

Error Message VPC-2-VPC_CORE_PORT_FPATH_BUP_FAILED: Failed to bring up vPC+ peer link port [chars] in Fabric Path Port Mode - vPC+ Fabric Path switch ID not configured

Explanation VPC+ Failed to bringup peer-link - switch-ID not configured

Recommended Action No action is required.

Error Message VPC-2-VPC_ES_FAILED_LID_ALLOC: Failed to negotiate common LID between vPC peers.

Explanation Failed to find common lid.

Recommended Action No action is required.

Error Message VPC-2-VPC_ES_FAILED_PEERLINK_DOWN: vPC+ operations failed. Bringing down peer-link.

Explanation Triggered in mcecm_em_es_failed. Bring down peer-link.

Recommended Action No action is required.

Error Message VPC-2-VPC_ES_PEER_LINK_OPERATION_FAILED: Peer-link operation failed due to SAP [dec].

Explanation Triggered in mcecm_cfg_es_failed when peer-link bringup fails.

Recommended Action No action is required.

Error Message VPC-2-VPC_GRACEFUL_SUSP_ALL_VPC: Operational graceful type-1 check state

changed, reinitiating all vPCs

Explanation Graceful state 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_NON_DEF_LID: vPC+ negotiated non-default local id. Flapping orphan edge ports recommended.

Explanation Triggered in mcecm_em_es_failed. Bring down peer-link.

Recommended Action No action is required.

Error Message VPC-2-VPC_PEER_LINK_FPATH_BUP_FAILED: Failed to bring up vPC+ peer link port [chars] - port [chars] is not configured as a Fabric Path port

Explanation VPC+ Failed to bring up Peer-link - not in Fabric Path mode

Recommended Action No action is required.

Error Message VPC-2-VPC_PSS_ERROR: [chars], 0x([hex]) present in VPC DB but not in IM DB

Explanation Triggered when vpc DB and IM SDB are inconsistent

Recommended Action No action is required.

Error Message VPC-2-VPC_RC_CLEANUP_FAILURE_NEED_REINIT_MCT: vPC role change cleanup has encountered a failure. Please reinit peer-link to recover. Error: [chars]

Explanation VPC RC failure, need to reinit peer-link

Recommended Action No action is required.

Error Message VPC-2-VPC_RC_FAILURE_NEED_REINIT_MCT: vPC role change has encountered a failure, can not clean up. Please reinit peer-link to recover. Error: [chars]

Explanation VPC RC failure, need to reinit peer-link

Recommended Action No action is required.

Error Message VPC-2-VPC_RC_INIT_FAILURE_MCT_CMPT_FAIL: Can't perform role change since there are type-1 check failures on peer-link at peer side.

Explanation VPC RC failure, due to cmpt failed on peer-link at peer side

Recommended Action No action is required.

Error Message VPC-2-VPC_RC_INIT_FAILURE_PEER_CMPT_FAIL: Can't perform role change since there are vpc legs with type-1 check failure at peer side.

Explanation VPC RC failure, due to cmpt failed vpcs at peer side

Recommended Action No action is required.

Error Message VPC-2-VPC_RC_INIT_FAILURE_UNFINISHED_RC: Can't perform role change since there is another unfinished role change request on either local or peer side. Please wait until it is finished.

Explanation VPC RC failure, due to an unfinished RC

Recommended Action No action is required.

Error Message VPC-2-VPC_ROLE_CHANGE_NOTIFICATION: VPC role is changed from [chars] to [chars]

Explanation VPC role is changed

Recommended Action No action is required.

Error Message VPC-2-VPC_SHUTDOWN: vPC shutdown status is [chars]

Explanation VPC shutdown status change

Recommended Action No action is required.

Error Message VPC-2-VPC_STATE_CHANGE_ON_PEER_ISSU: VPC [dec] state transition happened during peer ISSU, please shut and no shut the VPC PO on both the Switches

Explanation VPC state change during peer on ISSU, check the HW programming on both the switches

Recommended Action No action is required.

Error Message VPC-2-VPC_SUSP_ALL_VPC: Peer-link going down, suspending all vPCs on secondary. If vfc is bound to vPC, then only ethernet vlans of that VPC shall be down.

Explanation Peer link down suspend vPCs

Recommended Action No action is required.

Error Message VPC-2-VPC_SVI_EXCLUDE: vPC [dec] has up vlans [chars] which are excluded from suspension on dual-active

Explanation VPC track object deconfigured

Recommended Action No action is required.

VPC-3

Error Message VPC-3-FEX_AA_NO_SUPPPORT: FEX AA not supported

Explanation FEX AA not supported

Recommended Action No action is required.

Error Message VPC-3-GLOBAL_CONSISTENCY_FAILED: In domain [dec], global configuration is not

consistent ([chars])

Explanation Global compat-check failed

Recommended Action No action is required.

Error Message VPC-3-INTF_CONSISTENCY_FAILED: In domain [dec], VPC [dec] configuration is not consistent ([chars])

Explanation MCEC compat-check failed

Recommended Action No action is required.

Error Message VPC-3-PEER_UNREACHABLE: Remote Switch Unreachable

Explanation Peer unreachable

Recommended Action No action is required.

Error Message VPC-3-PEER_VPC_BRINGUP_FAILED: Peer vPC [dec] bringup failed ([chars])

Explanation Peer vPC bringup failed

Recommended Action No action is required.

Error Message VPC-3-VPCM_ASSERTION_FAILED: [chars]

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

Recommended Action No action is required.

Error Message VPC-3-VPCM_INIT_FAIL: vPC Manager Initialization Failed ([chars])

Explanation VPCM Initialization failed. due to [chars]

Recommended Action No action is required.

Error Message VPC-3-VPCM_INTERNAL_ERR: [chars]

Explanation VPCM encountered an internal error due to [chars]

Recommended Action No action is required.

Error Message VPC-3-VPCM_MTS_ERR: [chars]

Explanation VPCM encountered an MTS error due to [chars]

Recommended Action No action is required.

Error Message VPC-3-VPC_BRINGUP_FAILED: vPC [dec] bringup failed ([chars])

Explanation VPC bringup failed

Recommended Action No action is required.

Error Message VPC-3-VPC_PEER_LINK_BRINGUP_FAILED: vPC peer-link bringup failed ([chars])

Explanation VPC Peer-link bringup failed

Recommended Action No action is required.

Error Message VPC-3-VPC_PEER_LINK_DOWN: VPC Peer-link is down

Explanation VPC Peer link is down

Recommended Action No action is required.

Error Message VPC-3-VPC_RC_FAILURE_NO_NEED_REINIT_MCT: vPC role change has encountered a failure, will clean up, error: [chars]

Explanation VPC RC failure, no need to reinit peer-link

Recommended Action No action is required.

Error Message VPC-3-VPC_ROLE_CHANGE_FAILURE: vPC role change failed, error: [chars]:[hex]

Explanation VPC Role Change failure

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_CFGD_EXISTING: vPC [dec] might be used already, please check vpc configuration!

Explanation VPC configuration duplication

Recommended Action No action is required.

Error Message VPC-4-VPC_CONSISTENCY_NEW_VLAN_FAIL: Global Consistency check for vPC failed for new vlans

Explanation Global Consistency check for vPC failed for new vlans

Recommended Action No action is required.

Error Message VPC-4-VPC_DELETED: vPC [dec] is deleted

Explanation VPC configuration deleted

Recommended Action No action is required.

Error Message VPC-4-VPC_DISABLE_IP_REDIRECTS: peer-gateway enabled. Disabling IP redirects on all interface-vlans of this vPC domain for correct operation of this feature.

Explanation Peer-gateway enabled, hence IP redirects on SVIs are disabled

Recommended Action No action is required.

Error Message VPC-4-VPC_LC_UPG_OVER_DELIVERY_FAIL: Failed to deliver LC upgrade to vPC peer

Explanation Failed to deliver LC upgrade to peer

Recommended Action No action is required.

Error Message VPC-4-VPC_PEER_LINK_DELETED: vPC Peer-link deleted. This will bringdown all vPC interfaces

Explanation VPC Peer-link configuration removed

Recommended Action No action is required.

Error Message VPC-4-VPC_PEER_ROLE_CHANGE: In domain [dec], VPC peer role status has changed to [chars]

Explanation VPC Peer role status changed to (Primary/Secondary)

Recommended Action No action is required.

Error Message VPC-4-VPC_PER_VLAN_CONSISTENCY_FAILED: Global consistency check for vPC failed for few vlans

Explanation Global Consistency check for vPC failed for few vlans

Recommended Action No action is required.

Error Message VPC-4-VPC_REINITIALIZED: Reinitializing vpcs assuming peer dead

Explanation Initializing vpcs assuming peer dead

Recommended Action No action is required.

Error Message VPC-4-VPC_ROLE_CHANGE: In domain [dec], VPC role status has changed to [chars]

Explanation VPC role status changed to (Primary/Secondary)

Recommended Action No action is required.

VPC-5

Error Message VPC-5-GLOBAL_CONSISTENCY_SUCCESS: 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-ORPHANPORT_RESUME: Orphan-port [chars] is removed from suspended

Explanation Orphan-port is removed from suspended due to peer-link up or VPC role selection

Recommended Action No action is required.

Error Message VPC-5-ORPHANPORT_SUSPEND: Orphan-port [chars] is suspended

Explanation Orphan-port is suspended due to peer-link down or no VPC role selection

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.

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

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_AUTO_RECOVERY_TIMER_EXPIRED: vPC auto-recovery timer expired

Explanation VPC auto-recovery timer expired

Recommended Action No action is required.

Error Message VPC-5-VPC_AUTO_RECOVERY_TIMER_STARTED: vPC auto-recovery timer started

Explanation VPC auto-recovery timer started

Recommended Action No action is required.

Error Message VPC-5-VPC_DELAY_SVI_BUP_TIMER_EXPIRED: vPC restore, delay interface-vlan bringup timer expired, reinitiating interface-vlans

Explanation VPC delay interface-vlan restore timer expired

Recommended Action No action is required.

Error Message VPC-5-VPC_DELAY_SVI_BUP_TIMER_START: vPC restore, delay interface-vlan bringup timer started

Explanation VPC delay interface-vlan restore timer start

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.

Error Message VPC-5-VPC_OPERATIONAL_L3_ROUTING: VPC operational layer 3 peer-router is [chars]

Explanation VPC operational layer 3 peer-router enabled or disabled

Recommended Action No action is required.

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, reinitiating 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_SCALE_LIMIT: No port-channel limit configuration is [chars]

Explanation No port-channel limit configuration is changed

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.

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.

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_ES_EGRESS_DF_STATE_CHANGED: Egress designated forwarder state changed from [chars] to [chars] for vPC [dec].

Explanation DF state changed for some vPC.

Recommended Action No action is required.

Error Message VPC-6-VPC_ES_ID_CFGD: Fabricpath switch ID [dec] configured

Explanation Fabricpath switch ID configured

Recommended Action No action is required.

Error Message VPC-6-VPC_ES_ID_REMOVED: Fabricpath switch ID [dec] removed

Explanation Fabricpath switch ID removed

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.

[VSHD Messages](#)

This section contains the VSHD messages.

VSHD-5

Error Message VSHD-5-VSHD_SYSLOG_CMD_EXEC: User:[chars] executed the command:[chars]

Explanation CLI command was executed

Recommended Action No action is required.

XMLSA Messages

This section contains the XMLSA messages.

XMLSA-2

Error Message XMLSA-2-CANDIDATE_WRITE_FAIL: Netconf session id:[dec],candidate config has no space left

Explanation No space left in candidate configuration of the netconf session.

Recommended Action Please send the commit or discard request for the outstanding config.

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-RPC_ERROR: Netconf session id:[dec], operation:[chars], status:FAILED, reason:[chars]

Explanation Netconf operation has failed.

Recommended Action No action is required.

Error Message XMLSA-5-RPC_OK: Netconf session id:[dec], operation:[chars], status:SUCCESS

Explanation Netconf operation is successful.

Recommended Action No action is required.