System Messages Reference: Messages I to O

IKE Messages

IKE-3

Error Message   `IKE-3-CRYPTO_INIT_ERROR: IKEv2 crypto init error: [chars]`

Explanation   Crypto initialization error

Recommended Action   No action is required.

Error Message   `IKE-3-ENABLE_ERROR: Unable to store enable flag in configuration (error-id [hex]).`

Explanation   Service failed to store the enable flag in configuration. As a result, it will exit

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

Error Message   `IKE-3-FIPS_MODE_ERROR: Could not set FIPS mode`

Explanation   The FIPS mode could not be set by IKE

Recommended Action   No action is required.

Error Message   `IKE-3-IKE_PROGRAM_EXIT: [chars]`

Explanation   IKE process did an abnormal exit

Recommended Action   No action is required.

Error Message   IKE-3-MAX_HALF_CONN_LIMIT_REACHED: IKEv1 : Exceeded the limit for number of half open Phase 1 connections

Explanation   The number of half open connections has exceeded the maximum limit

Recommended Action   No action is required.

Error Message   IKE-3-PHASE1_NEGOTIATION_FAILED: IKEv1: Phase 1 negotiation failed for peer [chars]

Explanation   IKE policy negotiation failed for peer [chars].

Recommended Action   No action is required.

Error Message   IKE-3-PHASE1_PROPOSAL_MISMATCH: IKEv1: No matching phase 1 proposal found for peer [chars]

Explanation   There is a IKE policy mismatch for the peer.

Recommended Action   No action is required.

Error Message   IKE-3-PHASE2_NEGOTIATION_FAILED: IKEv1: Phase 2 negotiation failed for peer [chars]

Explanation   IPsec policy negotiation failed for peer [chars].

Recommended Action   No action is required.

Error Message   IKE-3-PHASE2_PROPOSAL_MISMATCH: IKEv1: No matching phase 2 proposal found for peer [chars]

Explanation   There is a IPsec policy mismatch for the peer.

Recommended Action   No action is required.

Error Message   IKE-3-UNSUPPORTED_EXCHANGE: IKEv1: Unsupported exchange [dec] received from [chars]

Explanation   A unsupported IKE exchange type [digits] was received from [chars]

Recommended Action   No action is required.

IKE-4

Error Message `IKE-4-INVALID_PAYLOAD_APPEAR: IKEv2 received message (from [chars]) with payload ([chars]) appeared in [chars]([chars])`

Explanation Received a payload in an inappropriate exchange

Recommended Action No action is required.

Error Message `IKE-4-MESSAGE_ERROR: IKEv2 message (from [chars]) message error: [chars]`

Explanation Received a malformed message which doesntadheretotheprotocol'

Recommended Action No action is required.

Error Message `IKE-4-PARSING_ERROR: IKEv2 message (from [chars]) parsing error: [chars]`

Explanation Received a malformed message which can not be parsed appropriately

Recommended Action No action is required.

Error Message `IKE-4-UNKNOWN_PAYLOAD: IKEv2 received message (from [chars]) with un-recognized payload ([chars])`

Explanation Received an invalid payload

Recommended Action No action is required.

Error Message `IKE-4-UNSUPPORT: [chars] is not supported (message from [chars])`

Explanation Received something unsupported

Recommended Action No action is required.

IKE-6

Error Message `IKE-6-POLL_START_DONE: IKE is exiting since it is not enabled`

Explanation IKE is exiting since it is not enabled in the configuration

Recommended Action No action is required.

Error Message   ILC-SPAN-3-ERROR: [chars]

Explanation   Ilc_span_mgr encountered an error

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

ILC_HELPER Messages

ILC_HELPER-2

Error Message   ILC_HELPER-2-NO_LICENSE_REBOOT: Linecard [dec] will reboot now.

Explanation   SSE License has expired, hence the linecard will be rebooted.

Recommended Action   Install appropriate SSE license to be able to use SSM features normally

ILC_HELPER-3

Error Message   ILC_HELPER-3-INVALID_SSI: [chars]

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

Recommended Action   Configure a proper image for the ssi boot variable

ILC_HELPER-6

Error Message   ILC_HELPER-6-LICENSE_VALID: A valid license for linecard [dec] has been obtained

Explanation   A valid license has been obtained for the SSM

Recommended Action   No action is required.

Error Message   ILC_HELPER-6-UPGRADE_DELAY: The SSI upgrade on slot [dec] is delayed by [dec] secs.

Explanation   The SSI upgrade is delayed due to the configured ssm upgrade delay command

Recommended Action   No action is required.

IMAGE_DNLD Messages

IMAGE_DNLD-SLOT#-2

Error Message   IMAGE_DNLD-SLOT#-2-ADDON_IMG_DNLD_FAILED: Module image download process failed. [chars]

Explanation   Addon image download to module failed. This module is not operational until an addon image has been successfully installed.

Recommended Action   Verify the location and version of your module image. Use the install module cli command to download a new module image.

Error Message   IMAGE_DNLD-SLOT#-2-IMG_DNLD_COMPLETE: Module image download process. [chars]

Explanation   Image download completed. Module image is being installed.

Recommended Action   No action is required.

Error Message   IMAGE_DNLD-SLOT#-2-IMG_DNLD_FAILED: Module image download process. [chars]

Explanation   Image download failed. Module may be inoperable.

Recommended Action   Use show module cli command to verify the state of this module. Retry image download with install module cli command.

Error Message   IMAGE_DNLD-SLOT#-2-IMG_DNLD_FILE_SYSTEM_CHECK_ERROR: File System check failed: [chars]

Explanation   File system consistency check failed

Recommended Action   File-system repair is needed using fsck

Error Message   IMAGE_DNLD-SLOT#-2-IMG_DNLD_STARTED: Module image download process. [chars]

Explanation   Image download started. Module image downloads are non-disruptive to module operation.

Recommended Action   No action is required.

IMAGE_DNLD-SLOT#-4

Error Message   IMAGE_DNLD-SLOT#-4-IMG_DNLD_FILE_SYSTEM_RECREATION: [chars].
Partition was erased and successfully recreated.

Explanation   File system checking and recreation if necessary for /images.

Recommended Action   No action is required.

IMAGE_DNLD-SLOT#-5

Error Message   IMAGE_DNLD-SLOT#-5-ADDON_IMG_DNLD_COMPLETE: Addon module image
download process completed. [chars]

Explanation   Addon image download to module has completed.The module should now be installing
this new image.

Recommended Action   This message is informational only.

Error Message   IMAGE_DNLD-SLOT#-5-ADDON_IMG_DNLD_STARTED: Addon module image
download process started. [chars]

Explanation   Addon image download to module has started. This is a disruptive download and this
module will be inoperable until this download process is complete.

Recommended Action   This message is informational only.

Error Message   IMAGE_DNLD-SLOT#-5-ADDON_IMG_DNLD_SUCCESSFUL: Addon module image
download and install process successful. [chars]

Explanation   Addon image download and install to module is successful.

Recommended Action   Use the show module cli command to verify the modulesoperationalstatus.'

IMAGE_UPGRADE Messages

IMAGE_UPGRADE-SLOT#-2

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

Explanation   Image Upgrade Error

Recommended Action   No action is required.

IMAGE_UPGRADE-SLOT#-4

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

Explanation   Image Upgrade Info

Recommended Action   No action is required.

IM Messages

IM-3

Error Message   `IM-3-IM_IF_FEATURE_BIND_FAILURE: Interface feature bind failed [chars]`

Explanation   Interface feature bind failed, so applications in that feature set may not behave correctly.

Recommended Action   No action is required.

Error Message   `IM-3-IM_LC_OFFLINE_ERROR: LC Offline could not be sent to vdc:[dec]`

Explanation   LC Offline was not relayed to some vdc, so applications may not behave correctly.

Recommended Action   No action is required.

Error Message   `IM-3-IM_RESP_ERROR: Component [chars] opcode:[chars] in vdc:[dec] returned error:[chars]`

Explanation   Some component returned an error.

Recommended Action   No action is required.

Error Message   `IM-3-IM_SEQ_ERROR: Error ([chars]) while communicating with component [chars] opcode:[chars] (for:[chars])`

Explanation   Some component did not respond to a request in stipulated time.

Recommended Action   No action is required.

IM-5

Error Message   IM-5-IM_DEMUX_ERROR: [chars]

Explanation   Demux function returned error

Recommended Action   No action is required.

Error Message   IM-5-IM_INTERNAL_ERROR: [chars]

Explanation   Internal error occurred

Recommended Action   No action is required.

Error Message   IM-5-IM_INTF_STATE: [chars] [chars] in vdc [dec]

Explanation   Management interface state changed.

Recommended Action   No action is required.

Error Message   IM-5-IM_UNKNOWN_INTERFACE: [chars]

Explanation   Interface is not supported or not found

Recommended Action   No action is required.

INTERFACE_VLAN Messages

INTERFACE_VLAN-4

Error Message   INTERFACE_VLAN-4-SVI_VLAN_DOES_NOT_EXIST: Interface 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 potenital 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 intialization failed with error [hex]

Explanation   SVI initialziation error

Recommended Action   No action is required.

Error Message   INTERFACE_VLAN-5-SVI_IOD_RELEASE_ERROR_RESPONSE: IM failed to
release SVI IOD error [hex]

Explanation   IM failed to release SVI IOD

Recommended Action   No action is required.

Error Message   INTERFACE_VLAN-5-SVI_MTS_SEND_FAILURE: MTS send failure for opcode
[dec], error [hex]

Explanation   SVI encountered an error in with MTS message

Recommended Action   No action is required.

Error Message   INTERFACE_VLAN-5-SVI_MTS_TIME_OUT: MTS send timed out

Explanation   SVI did not recieve response for mts message

Recommended Action   No action is required.

Error Message   INTERFACE_VLAN-5-SVI_RSRVD_VLAN_FAILED: Failed to get list of
reserved vlans [hex]

Explanation   SVI failed to get the list reserved vlans

Recommended Action   No action is required.

Error Message   INTERFACE_VLAN-5-SVI_SDB_UPDATE_FAILED: sdb update failed with
ret_val [dec]

Explanation   SDB updated failed for SVI

Recommended Action   No action is required.

Error Message   INTERFACE_VLAN-5-SVI_SEC_VLAN_FAILED: Failed to get list of
secondary vlans [hex]

Explanation   SVI failed to get the list of secondary vlans

Recommended Action   No action is required.

Error Message   INTERFACE_VLAN-5-UPDOWN: Line Protocol on Interface [chars], changed
state to [chars]

Explanation   Line protocol status changed for an interface

Recommended Action   No action is required.

IOA_LC Messages

IOA_LC-5

Error Message   IOA_LC-5-IOA_DISABLED: IOA Disabled

Explanation   IOA Service Disabled

Recommended Action   No action is required.

Error Message   IOA_LC-5-IOA_ENABLED: IOA Enabled

Explanation   IOA Service nabled

Recommended Action   No action is required.

IPACL Messages

IPACL-0

Error Message   IPACL-0-EMERG: [chars]

Explanation   Ipacl caused a system failure

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

IPACL-1

Error Message   IPACL-1-ALERT: [chars]

Explanation   Ipacl caused failures in other services

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

IPACL-2

Error Message   IPACL-2-CRIT: [chars]

Explanation   Ipacl encountered a catastrophic error

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

IPACL-3

Error Message   `IPACL-3-ERR: [chars]`

Explanation   Ipacl encountered an error

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

IPACL-4

Error Message   `IPACL-4-WARN: [chars]`

Explanation   Ipacl ignored the unexpected condition

Recommended Action   Please perform debugipaclall',thenrecreatetheoperationscenario,tofindoutmoredetails.'

IPACL-5

Error Message   `IPACL-5-NOTE: [chars]`

Explanation   Ipacl does not support this operation

Recommended Action   Please perform debugipaclall',thenrecreatetheoperationscenario,tofindoutmoredetails.'

IPACL-6

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

Explanation   Ipacl event occurred

Recommended Action   No action is required.

IPFC Messages

IPFC-2

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

Explanation   The service failed to allocate a block of dynamic memory.

Recommended Action   No action is required.

IPFC-3

Error Message IPFC-3-INIT_FAILED: Initialization failed. Component [chars]

Explanation The service failed to start. The failure occurred while initializing the component [chars].

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

Error Message IPFC-3-IOCTL_FAILED: IOCTL failed

Explanation An IOCTL to the character device failed.

Recommended Action Show IPFC internal interface VSAN <number

Error Message IPFC-3-PSSERROR: [chars]

Explanation IPFC manager encountered a PSS error.

Recommended Action No action is required.

IPFC-5

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

Explanation The specified VSAN Interface has been successfully [chars].

Recommended Action No action is required.

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

Explanation The specified VSAN Interface is [chars].

Recommended Action No action is required.

IPFC-6

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

Explanation The service has successfully started.

Recommended Action No action is required.

IPQOSMGR Messages

IPQOSMGR-2

Error Message   IPQOSMGR-2-QOSMGR_DCBXP_PFC_CMP_FAIL_MSG: [chars] - qos config
[chars] not compatible with the peer

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

Recommended Action   No action is required.

Error Message   IPQOSMGR-2-QOSMGR_HA_FAILURE: Failed to do high availability
operation: [chars].

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

Recommended Action   No action is required.

Error Message   IPQOSMGR-2-QOSMGR_INIT_FAILED: Initialization failed for QoS
Manager: [chars], reason: [hex].

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

Recommended Action   No action is required.

Error Message   IPQOSMGR-2-QOSMGR_MTS_FAILURE: Failed to do MTS operation: [chars].

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

Recommended Action   No action is required.

Error Message   IPQOSMGR-2-QOSMGR_MTS_REGISTRATION_FAILED: MTS options setting to
[hex] failed for opCode: [dec].

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

Recommended Action   No action is required.

Error Message   IPQOSMGR-2-QOSMGR_NETWORK_QOS_POLICY_CHANGE: Policy [chars] is now
active

Explanation   [chars] is the new active network-qos policy

Recommended Action   No action is required.

Error Message `IPQOSMGR-2-QOSMGR_POLICER_EXCEEDED: [chars]. Policers have exceeded the maximum number allowed. Please remove policy and flap the error disabled ports`

Explanation Policers have exceeded the maximum number

Recommended Action No action is required.

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

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

Recommended Action No action is required.

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

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

Recommended Action No action is required.

IPQOSMGR-3

Error Message `IPQOSMGR-3-QOSMGR_CONFIG_ERROR: Configuration error: [chars].`

Explanation Configuration error. [chars] is the reason.

Recommended Action No action is required.

Error Message `IPQOSMGR-3-QOSMGR_NVDC_PFF_ERROR: PPF verify/commit failed in vdc [dec] error: [hex] for global qos command`

Explanation For global qos command, PPF verify/commit failed in vdc [dec] with reason [hex].

Recommended Action No action is required.

Error Message `IPQOSMGR-3-QOSMGR_PPF_ERROR: PPF library error: [chars].`

Explanation PPF library errors. [chars] is the reason.

Recommended Action No action is required.

IPQOSMGR-4

Error Message   IPQOSMGR-4-QOSMGR_LC_ERROR_MSG: Linecard [dec] returned an error:
[chars]

Explanation   Linecard [dec] returned an error message which is reported as [chars].

Recommended Action   No action is required.

Error Message   IPQOSMGR-4-QOSMGR_POLICIES_PRESENT_ON_DELETED_VLANS: Some VLANs (id:
[chars]) which are getting deleted now are still having qos service-policy
attached. These policies will be effective only when the VLANs get created again.

Explanation   VLAN(s) [chars] is(are) getting deleted now. This is an informationsl message to notify
that qos service-policies are present when the vlan is deleted. If the service-policies are not needed,
please detach them from the vlans

Recommended Action   No action is required.

Error Message   IPQOSMGR-4-QOSMGR_PPF_WARNING: PPF library warning: [chars].

Explanation   PPF library warning. [chars] is the reason.

Recommended Action   No action is required.

Error Message   IPQOSMGR-4-QOSMGR_WARNING_MSG: [chars] [dec]

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

Recommended Action   No action is required.

IPQOSMGR-5

Error Message   IPQOSMGR-5-QOSMGR_LC_STAT_SESSION_ERROR_MSG: Linecard [dec] returned
the following error for [chars] session: [chars].

Explanation   Linecard [dec] returned an error message for session of type [chars] which is reported
as [chars]. This message may be seen during linecard reload if there is an active session going on.

Recommended Action   No action is required.

IPQOSMGR-6

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

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

Recommended Action   No action is required.

Error Message   IPQOSMGR-6-QOSMGR_STATUS: QOSMGR Status: [chars].

Explanation   QOSMGR status is reported as [chars].

Recommended Action   No action is required.

IPQOSMGR-SLOT#-3

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

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

Recommended Action   No action is required.

IPSEC Messages

IPSEC-2

Error Message   IPSEC-2-IPSEC_INIT: IPSec initialization of [chars] [chars]

Explanation   IPSec initialization failed

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

Error Message   IPSEC-2-IPSEC_SPD_OVERFLOW_DUE_TO_ACL: SPD Overflow on interface due to IP ACL [chars] bound to crypto map [chars] [dec]

Explanation   Modifying IP ACL caused Security Policy Database on the interface to overflow, IP ACL filter not applied to security policy database

Recommended Action   Undo IP ACL change

IPSEC-3

Error Message   IPSEC-3-14_2_MODULE_PACKETS_DROPPED: [chars]: packets were dropped
in the module

Explanation   Packets dropped in the 14/2 module. Please collect drop statistics using show ipsec
internal crypto-acc interface gigabit <slot/port

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

Error Message   IPSEC-3-IPSEC_FIPS_TEST_FAILED: IPSEC FIPS compliance test failed

Explanation   IPSEC FIPS compliance test failed

Recommended Action   No action is required.

Error Message   IPSEC-3-IPSEC_MSG_SEND_FAILURE: failed to send [chars] to sap [dec]:
[chars]

Explanation   Failed to send a message

Recommended Action   No action is required.

IPSEC-5

Error Message   IPSEC-5-IPSEC_CMS_IF_ACL_UPDATED: IP ACL [chars] updated while
Crypto map [chars] [dec] bound to interface(s)

Explanation   IP ACL updated while it is mapped to a crypto map that is bound to interface(s)

Recommended Action   No action is required.

Error Message   IPSEC-5-IPSEC_DISABLED_LIC_EXPIRED: IPSec Disabled due to License
Expiry

Explanation   IPSec Disabled due to License Expiry

Recommended Action   No action is required.

Error Message   IPSEC-5-IPSEC_DISABLED: IPSec Disabled

Explanation   IPSec Disabled

Recommended Action   No action is required.

Error Message   IPSEC-5-IPSEC_ENABLED: IPSec Enabled

Explanation   IPSec Enabled

Recommended Action   No action is required.

Error Message   IPSEC-5-IPSEC_SA_CREATED: [chars]: IPSec SA created: local_ip:
[chars], peer_ip: [chars], [chars] SPI: [dec] ([hex])

Explanation   IPSec SA created

Recommended Action   No action is required.

Error Message   IPSEC-5-IPSEC_SA_DELETED: [chars]: IPSec SA deleted: local_ip:
[chars], peer_ip: [chars], [chars] SPI: [dec] ([hex]), reason: [chars]

Explanation   IPSec SA deleted

Recommended Action   No action is required.

Error Message   IPSEC-5-IPSEC_SA_REKEYED: [chars]: IPSec SA rekeyed: local_ip:
[chars], peer_ip: [chars], [chars] SPI: [dec] ([hex])

Explanation   IPSec SA rekeyed

Recommended Action   No action is required.

Error Message   IPSEC-5-IPSEC_TUNNEL_CREATED: [chars]: IPSec tunnel created:
local_ip: [chars], peer_ip: [chars], id: [dec], protocol: [chars], traffic::
local: [chars]/[chars], port: [chars], remote: [chars]/[chars], ports: [chars]

Explanation   IPSec tunnel created

Recommended Action   No action is required.

Error Message   IPSEC-5-IPSEC_TUNNEL_DELETED: [chars]: IPSec tunnel deleted:
local_ip: [chars], peer_ip: [chars], id: [dec], protocol: [chars], traffic::
local: [chars]/[chars], ports: [chars] remote: [chars]/[chars], ports: [chars]

Explanation   IPSec tunnel deleted

Recommended Action   No action is required.

Error Message   IPSEC-5-IPSEC_TUNNEL_REKEYED: [chars]: IPSec tunnel rekeyed:
local_ip: [chars], peer_ip: [chars], id: [dec], protocol: [chars] traffic:: local:
[chars]/[chars], ports: [chars] remote: [chars]/[chars], ports: [chars]

Explanation   IPSec tunnel rekeyed

Recommended Action   No action is required.

IPS_SB_MGR Messages

IPS_SB_MGR-SLOT#-2

Error Message   IPS_SB_MGR-SLOT#-2-NODE_CORE_NOT_RESPONDING: [Node [dec], Core [dec]]: Not responding to heartbeats, state=[hex]

Explanation   Node is not incrementing heartbeats periodically

Recommended Action   Potential node software issue. Please contact your support representative

Error Message   IPS_SB_MGR-SLOT#-2-NODE_NOT_RESPONDING: [Node [dec], Core [dec]] : Not responding to heartbeats

Explanation   Node manager is not receiving heartbeat responses from the node

Recommended Action   Potential node software issue. Please contact your support representative

Error Message   IPS_SB_MGR-SLOT#-2-NODE_REIMAGE_PREPARE_FAIL: [Node [dec]]: Disk formatting failed during node install

Explanation   There was a problem during the partitioning of disk and creation of file systems during node install.

Recommended Action   Potential node software issue. Please contact your support representative

Error Message   IPS_SB_MGR-SLOT#-2-PORT_SOFTWARE_FAILURE: Port software failure, module [dec] port [dec]

Explanation   The software servicing the data path on the port has failed

Recommended Action   No action is required.

IPS_SB_MGR-SLOT#-3

Error Message   IPS_SB_MGR-SLOT#-3-COMP_FAILURE: Heartbeat failure in compression engine (error [hex])

Explanation   The compression engine did not respond to heartbeats, due to some failure. SAN-OS will restart the compression engine to clear the problem.

Recommended Action   No action is required.

Error Message IPS_SB_MGR-SLOT#-3-CRYPTO_FAILURE: Heartbeat failure in encryption engine (error [hex])

Explanation The encryption engine did not respond to heartbeats, due to some failure. SAN-OS will restart the encryption engine to clear the problem.

Recommended Action No action is required.

Error Message IPS_SB_MGR-SLOT#-3-FIPS_SELF_TEST_FAILURE: [chars] Restarting the octeon...

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

Recommended Action No action is required.

IPS_SB_MGR-SLOT#-4

Error Message IPS_SB_MGR-SLOT#-4-NODE_NOT_COMPAT_WITH_ADD_ON: svc-node[dec] image is not compatible with svclc image

Explanation The svc image on the node is not compatible with the add on image running on the linecard.

Recommended Action Please contact your support representative

Error Message IPS_SB_MGR-SLOT#-4-NODE_NOT_COMPAT_WITH_CURRENT: svc-node[dec] image is not compatible with current node image

Explanation The new svc image is not compatible with the svc image currently running on the node

Recommended Action Please contact your support representative

Error Message IPS_SB_MGR-SLOT#-4-NODE_NOT_COMPAT_WITH_SUP: svc-node[dec] image is not compatible with system image

Explanation The svc image on the node is not compatible with the supervisor image.

Recommended Action Please contact your support representative

IPS_SB_MGR-SLOT#-6

Error Message IPS_SB_MGR-SLOT#-6-SBMGR_EVENT: Sbmgr event: [chars]

Explanation This is an event log of sb_mgr relating to a port/node

Recommended Action No action is required.

IPS Messages

IPS-2

Error Message   `IPS-2-ISCSI_IPS_INIT: IPS initialization of [chars] [chars]`

Explanation   IPS initialization failed

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

IPS-3

Error Message   `IPS-3-FCIP_FTA_ACCEL_CHAIN_ABORTED: Exch Aborted FC oxid [hex] My oxid [hex] State [chars] Event [chars] CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec] (Internal [hex]:[hex])`

Explanation   FTA Exch being aborted

Recommended Action   Informational no action required

Error Message   `IPS-3-FCIP_FTA_DATA_SENSE: Sense data with ERA [hex] sent to CH FCID: [hex] CHI: [hex] from FCIP CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]`

Explanation   Sense data with ERA sent

Recommended Action   SYSLOGDOC_CONTACT_TAC

Error Message   `IPS-3-FCIP_FTA_ERA_35: ERA 0x35 presented to CH FCID: [hex] CHI: [hex] from FCIP CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]`

Explanation   FCIP got an ERA 35

Recommended Action   SYSLOGDOC_CONTACT_TAC

Error Message   `IPS-3-FCIP_FTA_ERA_38: ERA 0x38 received CH FCID: [hex] CHI: [hex] from FCIP CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec] at tape capacity: [dec] MB`

Explanation   FCIP got an ERA 38

Recommended Action   SYSLOGDOC_CONTACT_TAC

Error Message   IPS-3-FCIP_FTA_LOCATE_RBID_MISMATCH: Permanent Error due to Locate
RBID Mismatch, CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN:
[dec]

Explanation   FCIP-FTA got a Permanent Error

Recommended Action   Informational no action required

Error Message   IPS-3-FCIP_FTA_PERM_ERR: Permanent Error, ERA [hex] rcvd CH FCID:
[hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec] sense_byte[2,6]:
[[hex], [hex]]

Explanation   FCIP-FTA got a Permanent Error

Recommended Action   Informational no action required

Error Message   IPS-3-FCIP_FTA_RETRY_ERROR: [chars] retries [dec] FC oxid [hex] My
oxid [hex] State [chars] Event [chars] CH FCID: [hex] CHI: [hex] CU FCID [hex]
CUI: [hex] DA [hex] VSAN: [dec]

Explanation   FTA Command timed out

Recommended Action   Informational no action required

Error Message   IPS-3-FCIP_LINK_STAT_LOSS_OF_SYNC: [chars]: Loss of Sync ([chars])

Explanation   FCIP Link Failed with Loss of Sync.

Recommended Action   No action is required.

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

Explanation   FIPS error occurred in the IPS module.

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

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

Explanation   Parity error occured in dma-bridge egress direction.

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

Error Message   IPS-3-IPS_FIPS_MODE_ERROR: IPS FIPS error: [chars]

Explanation   IPS module FIPS mode error

Recommended Action   No action is required.

Error Message   IPS-3-IPS_FIPS_TEST_FAILED: IPS FIPS compliance test failed

Explanation   IPS FIPS compliance test failed

Recommended Action   No action is required.

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

Explanation   Parity error occured in dma-bridge ingress direction.

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

Error Message   IPS-3-ISLB_CFS_CLEAR_FAILED: [chars]

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

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

Error Message   IPS-3-ISLB_CFS_COMMIT_FAILED: [chars]; [chars]

Explanation   An error occurred while commiting the cfs config data. The reason for the failure : [chars]

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

Error Message   IPS-3-ISLB_CFS_CONFIG_FAILED: [chars]; [chars]

Explanation   An error occurred while distributing the CFS config data. The reason for the failure : [chars]

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

Error Message   IPS-3-ISLB_CFS_LOCK_FAILED: [chars]

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

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

Error Message `IPS-3-ISLB_CFS_MERGE_ACTIVATION_FAILED: [chars]; [chars]`

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

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

Error Message `IPS-3-ISLB_CFS_MERGE_CLEARED: [chars]`

Explanation Merge cleared, reason: [chars]

Recommended Action No action is required.

Error Message `IPS-3-ISLB_CFS_MERGE_COMMIT_FAILED: [chars]; [chars]`

Explanation An error occurred while commiting the cfs merge config data. The reason for the failure : [chars]

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

Error Message `IPS-3-ISLB_CFS_MERGE_CONFIG_FAILED: [chars]; [chars]`

Explanation An error occurred while distributing the CFS merge config data. The reason for the failure : [chars]

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

Error Message `IPS-3-ISLB_CFS_MERGE_FAILED: [chars]; [chars]`

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

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

Error Message `IPS-3-ISLB_CFS_MERGE_PRECOMMIT_FAILED: [chars]; [chars]`

Explanation An error occurred while precommiting merge data. The reason for the failure : [chars]

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

Error Message   IPS-3-ISLB_CFS_MERGE_REQ_REJECTED: [chars]

Explanation   Merge requested rejected, reason: [chars]

Recommended Action   No action is required.

Error Message   IPS-3-ISLB_CFS_MERGING_CONFIG_DB_FAILED: [chars]; [chars]

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

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

Error Message   IPS-3-ISLB_CFS_PRECOMMIT_FAILED: [chars]; [chars]

Explanation   An error occurred while precommiting data. The reason for the failure : [chars]

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

Error Message   IPS-3-ISLB_CFS_PWWN_RESV_CLAIM_FAILED: [chars]

Explanation   PWWN reservation claim failed. The reason for the failure : [chars]

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

Error Message   IPS-3-ISLB_CFS_PWWN_RESV_RELEASE_FAILED: [chars]

Explanation   PWWN reservation release failed. The reason for the failure : [chars]

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

Error Message   IPS-3-ISLB_CFS_UNLOCK_FAILED: [chars]

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

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

Error Message   IPS-3-ISLB_CFS_VRRP_DIST_FAILED: [chars]

Explanation   An error occurred while distributing the VRRP CFS runtime data. The reason for the failure : [chars]

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

Error Message   IPS-3-ISLB_ZONE_ACTIVATION_FAILED: iSLB zoneset activation returned
[hex] for VSAN [dec]

    Explanation   ISLB zoneset activation failed.

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

Error Message   IPS-3-ISLB_ZONE_ACTIVATION_RETRY: iSLB zoneset activation returned
[hex] for VSAN [dec]

    Explanation   ISLB zoneset activation failed. Zone server busy.

    Recommended Action   Retry the iSLB zonest activation.

Error Message   IPS-3-ISLB_ZONE_NO_ACTIVE_ZONESET: iSLB zoneset activation returned
[hex] for VSAN [dec]

    Explanation   ISLB zoneset activation failed. No active zoneset.

    Recommended Action   Activate a zoneset in the specified VSAN and retry

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

    Explanation   Congestion detected on GigabitEthernet port due to RED threshold limit

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

IPS-4

Error Message   IPS-4-FCIP_FTA_CFG_MISMATCH: [chars]: Mismatch in FCIP Ficon Tape
Acceleration configuration with peer

    Explanation   The FCIP Ficon Tape Acceleration configuration does not match with
peersconfiguration'

    Recommended Action   Fix the FCIP Ficon Tape Acceleration configuration to be consistent with the
peer

Error Message   IPS-4-FCIP_FTA_VSAN_UPDATE_WARNING: FCIP FICON tape acceleration
VSAN update had an error ([chars]) on interface [chars] causing a flap of the
interface

    Explanation   The FCIP FICON tape acceleration VSAN configuration experienced an error when
disabling and enabling the VSAN over the FCIP tunnel. The FCIP tunnel was disabled and
re-enabled as a result of this error to ensure data integrity.

    Recommended Action   No action is required.

Error Message   IPS-4-FCIP_LICENSE_BIND_FAILED: Bind failed for [chars] due to
[chars] for license failure; configuration accepted but bind failed

Explanation   The FCIP configuration was accepted, but the FCIP interface did not bind to a physical
interface because the appropriate license was not available. If a license becomes available in the
future, this FCIP interface will bind to a physical interface automatically.

Recommended Action   Check the license state with "show license usage" and acquire the necessary
FCIP license

Error Message   IPS-4-FCIP_XRCE_LICENSE_FAILED: XRC Acceleration deactivated due to
license failure

Explanation   The XRC Acceleration configuration was accepted, but will remain inactive until a
valid license is available. When the appropriate license is installed, XRC accelaration will be
activated.

Recommended Action   Check the license state with "show license usage" and acquire the necessary
XRC_ACCL license

Error Message   IPS-4-FCIP_XRCE_LICENSE_INSTALLED: XRC Acceleration activated due to
valid license

Explanation   The XRC Acceleration configuration is activated as a valid license has been installed.

Recommended Action   No action is required.

IPS-5

Error Message   IPS-5-FCIP_BIND_FAILED: Bind failed for [chars] due to [chars] for
[chars]

Explanation   FCIP/ISCSI Interface bind to Ethernet port failed

Recommended Action   No action is required.

Error Message   IPS-5-FCIP_BPORT_KEEPALIVES_NOT_SUPPORTED: Bport Keepalives not
supported for FCIP [chars]

Explanation   Bport Keepalives not supported in this release

Recommended Action   Informational no action required

Error Message   IPS-5-FCIP_BPORT_NOT_SUPPORTED: Bport not supported for FCIP [chars]

Explanation   Bport not supported in this releas

Recommended Action   Informational no action required

Error Message IPS-5-FCIP_FTA_ALREADY_OFF: FTA Already Off, [chars] VSAN: [dec]

Explanation FTA Already Off

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_ALREADY_ON: FTA Already ON, [chars] VSAN: [dec]

Explanation FTA Already ON

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_CB_DOWN: FTA [chars] is DOWN

Explanation FTA is DOWN

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_CB_UP: FTA [chars], is UP

Explanation FTA is UP

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_DISBAND_GRP_CMD: Disband Group message processed PGID: [chars] CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation FCIP Disbanded a Group

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_EST_GRP_CMD: Path Group establised for PGID: [chars] CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation FCIP established a Path Group

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_NPORT_PATH_RSCN_CLNUP_PASS1: RSCN Cleanup Pass1 [chars] FCID1: [hex] FCID2: [hex] VSAN: [dec]

Explanation Doing RSCN Cleanup, Pass 1

Recommended Action Informational no action required

Error Message   IPS-5-FCIP_FTA_NPORT_PATH_RSCN_CLNUP_PASS2: RSCN Cleanup Pass2
[chars] FCID1: [hex] FCID2: [hex] VSAN: [dec]

Explanation   Doing RSCN Cleanup, Pass 2

Recommended Action   Informational no action required

Error Message   IPS-5-FCIP_FTA_RESIGN_GRP_CMD: Resign group processed for PGID:
[chars] CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation   FCIP Resigned a Group

Recommended Action   Informational no action required

Error Message   IPS-5-FCIP_FTA_RESP_3490: 3490 device discovered by FCIP CH FCID:
[hex] CHI: [hex] device at CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation   Device type discovered is 3490

Recommended Action   Informational no action required

Error Message   IPS-5-FCIP_FTA_RESP_3590: 3590 device discovered by FCIP CH FCID:
[hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation   Device type discovered is 3590

Recommended Action   Informational no action required

Error Message   IPS-5-FCIP_FTA_RESP_NOT_TAPE: Non-tape device discovered by FCIP CH
FCID: [hex] CHI: [hex] device at CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation   FCIP discovered a non-tape device

Recommended Action   Informational no action required

Error Message   IPS-5-FCIP_FTA_TURN_OFF_LAST_VSAN: FTA turned off for the Last VSAN,
[chars] VSAN: [dec]

Explanation   FTA turned off for the Last Vsan

Recommended Action   Informational no action required

Error Message   IPS-5-FCIP_FTA_TURN_OFF_NONLAST_VSAN: FTA turned off for the
Non-Last VSAN, [chars] VSAN: [dec]

Explanation   FTA turned off for the Non-Last Vsan

Recommended Action   Informational no action required

Error Message   IPS-5-FCIP_FTA_TURN_ON: Turn ON FTA, [chars] VSAN: [dec]

Explanation   FTA turned ON

Recommended Action   Informational no action required

Error Message   IPS-5-FCIP_FTA_WARNING: FTA Warning :[chars]

Explanation   Generic FTA Warning

Recommended Action   Informational no action required

Error Message   IPS-5-FCIP_FTRA_CFG_MISMATCH: [chars]: Mismatch in FCIP FICON Tape
Read Accelerator configuration with peer

Explanation   The FCIP FICON Tape Read Accelerator configuration does not match with
peersconfiguration'

Recommended Action   Fix the FCIP FICON Tape Read Accelerator configuration to be consistent
with the peer

Error Message   IPS-5-FCIP_IF_CR_DEL: Interface [chars] [chars]

Explanation   FCIP Interface was Created or Deleted

Recommended Action   No action is required.

Error Message   IPS-5-FCIP_MODE1_CHANGED_TO_MODE2: Changing mode1 compression to
mode2 for [chars], on a MSM/SSN-16 linecard

Explanation   Change mode1 compression to mode2 on a MSM/SSN-16 linecard

Recommended Action   Informational no action required

Error Message   IPS-5-FCIP_NUM_TCP_CONNS_MISMATCH: [chars]: configured for 2 tcp
connections but currently operating with 1 connection

Explanation   Number of configured tcp connections dontmatchnumberofconnectionscurrentlyup'

Recommended Action   No action is required.

Error Message   IPS-5-FCIP_PEER_CAVIUM: Peer FCIP [chars] is a MSM/SSN-16 linecard

Explanation   Peer linecard is a MSM/SSN-16

Recommended Action   Informational no action required

Error Message   `IPS-5-FCIP_PEER_NON_CAVIUM: Peer FCIP [chars] is a non MSM/SSN-16`
`linecard`

Explanation   Peer linecard is non MSM/SSN-16

Recommended Action   Informational no action required

Error Message   `IPS-5-FCIP_RA_CFG_MISMATCH: [chars]: Mismatch in FCIP Tape Read`
`Acceleration capability with peer`

Explanation   The FCIP Tape Read Acceleration capability does not match with peersconfiguration'

Recommended Action   Fix the FCIP Tape Read Acceleration capability to be consistent with the peer

Error Message   `IPS-5-FCIP_SF_NOT_SUPPORTED: Special-Frame not supported for FCIP`
`[chars]`

Explanation   Spl-Frame not supported in this release

Recommended Action   Informational no action required

Error Message   `IPS-5-FCIP_TA_CFG_MISMATCH: [chars]: Mismatch in FCIP Tape`
`Acceleration configuration with peer`

Explanation   The FCIP Tape Acceleration configuration does not match with peersconfiguration'

Recommended Action   Fix the FCIP Tape Acceleration configuration to be consistent with the peer

Error Message   `IPS-5-FCIP_TA_ITL_MISMATCH: [chars]: Mismatch in FCIP Write/Tape`
`Acceleration software capability with peer`

Explanation   The FCIP Write/Tape Acceleration software capability does not match with
peerssoftwarecapability'

Recommended Action   Fix the FCIP software to be consistent with the peer

Error Message   `IPS-5-FCIP_TSTAMP_CHK_FAILED: [chars]: Timestamp check failed on`
`ingressing frames`

Explanation   Timestamp between local and remote side exceeds the configured tolerance

Recommended Action   No action is required.

Error Message   `IPS-5-FCIP_UNBIND_FAILED: UNBIND failed for [chars] due to [chars]`
`for [chars]`

Explanation   FCIP/ISCSI Interface UNBIND from Ethernet port failed

Recommended Action   No action is required.

Error Message   IPS-5-FCIP_WA_CFG_MISMATCH: [chars]: Mismatch in FCIP Write
Acceleration configuration with peer

Explanation   The FCIP Write Acceleration configuration does not match with peersconfiguration'

Recommended Action   Fix the FCIP Write Acceleration configuration to be consistent with the peer

Error Message   IPS-5-FCIP_WA_XFER_RDY_ERR: [chars]: FCIP Write Acceleration
received XFER-RDY after exhcange cleanup. Host [hex] Target [hex]

Explanation   FCIP Write/Tape Acceleration received XFER-RDY after exchange cleanup

Recommended Action   No action is required.

Error Message   IPS-5-FCIP_XRCE_CFG_MISMATCH: [chars]: Mismatch in FCIP XRC Emulator
configuration with peer

Explanation   The FCIP XRC Emulator configuration does not match with peersconfiguration'

Recommended Action   Fix the FCIP XRC Emulator configuration to be consistent with the peer

Error Message   IPS-5-IPS_IPACL_LOG_MSG: [chars]

Explanation   Details of the packet dropped due to ACLs

Recommended Action   No action is required.

Error Message   IPS-5-IPS_MGR_FEATURE_ENABLE: ips:[dec] iscsi:[dec] fcip:[dec]
iscsi-intf-vsan:[dec] ips-lc:[dec]

Explanation   IPS Manager feature enabled/disabled

Recommended Action   No action is required.

Error Message   IPS-5-IPS_TCP_PORT_IN_USE: Cannot bringup interface [chars], local
port already in use

Explanation   FCIP and iSCSI interface are trying to use the same local port, please use different ports

Recommended Action   No action is required.

Error Message   IPS-5-ISCSI_BAD_DATA_DIGEST_CRC: iSCSI ingress data digest error
from initiator [chars] alias [chars] S_ID [hex] to D_ID [hex]

Explanation   ISCSI Ingress Data Digest CRC failed

Recommended Action   No action is required.

Error Message   IPS-5-ISCSI_CONN_DOWN_BATCH: [chars]: [dec] iSCSI sessions failed in last [chars], reason: [chars]

Explanation   Number of iSCSI session down during the last time interval

Recommended Action   No action is required.

Error Message   IPS-5-ISCSI_CONN_DOWN: [chars]: iSCSI session down from initiator [chars] alias [chars] ip [chars] to target [chars], reason: [chars]

Explanation   ISCSI session goes down

Recommended Action   No action is required.

Error Message   IPS-5-ISCSI_CONN_UP: [chars]: iSCSI session up from initiator [chars] alias [chars] ip [chars] to target [chars]

Explanation   ISCSI session comes up and reaches Full-Feature phase

Recommended Action   No action is required.

Error Message   IPS-5-ISCSI_PORT_FAILOVER: [chars]: iSCSI initiator [chars] alias [chars] ip [chars] target [chars]. FC session failed over to port [chars]

Explanation   FC session for the iSCSI session failed over to newly active port

Recommended Action   No action is required.

Error Message   IPS-5-ISCSI_SB_GET_TGT: iSCSI SB get [dec] targets, initiator [chars] alias [chars] ip [chars]

Explanation   ISCSI FCNS query response

Recommended Action   No action is required.

Error Message   IPS-5-ISCSI_SESSION_CREATE_FAILURE: [chars]: iSCSI Session initiator [chars] target [chars] create failed. [chars]

Explanation   ISCSI Session Create failed

Recommended Action   No action is required.

Error Message   IPS-5-ISCSI_SESSION_CREATE_REDIRECT: [chars]: iSCSI Session initiator [chars] target [chars] redirected to [chars]/[chars]

Explanation   ISCSI Session Create redirected

Recommended Action   No action is required.

Error Message   IPS-5-ISCSI_SESSION_REDIRECT_TIMEOUT: iSCSI Session initiator
[chars] to [chars] redirected to [chars] timeout

Explanation   ISCSI Session Redirect timeout

Recommended Action   No action is required.

Error Message   IPS-5-ISLB_CFS_SESSION_CLEARED: CFS Session Cleared

Explanation   CFS Session Cleared by user

Recommended Action   No action is required.

Error Message   IPS-5-LRTP_HDR_FCID_MISMATCH: LRTP header s_id([hex]) d_id([hex]) do
not match Inner header s_id([hex]) d_id([hex]) Initiator ([chars]) Target([chars])

Explanation   The s_id and/or the d_id field in the
framesLRTPheaderdoesnotmatchthes_idord_idfieldintheinnerheader'

Recommended Action   No action is required.

Error Message   IPS-5-PORT_IPCFG_FAILED: Cannot configure IP address for interface
[chars]

Explanation   Cannot configure IPS port IP address

Recommended Action   No action is required.

Error Message   IPS-5-SB_MGR_CORE_FAILED: Ethernet Processing core [chars] failed
due to [chars]

Explanation   Ethernet Processing Core failed

Recommended Action   No action is required.

Error Message   IPS-5-SFRAME_ENTITY_ID_MISMATCH: [chars]: special frame profile ID
mismatch

Explanation   Special frame received and destination profile ID does not match local profile ID

Recommended Action   No action is required.

Error Message   IPS-5-SFRAME_FABRIC_WWN_MISMATCH: [chars]: special frame fabric wwn
mismatch

Explanation   Special frame received and source/destination fabric wwn does not match local
destination/ source fabric wwn

Recommended Action   No action is required.

Error Message   IPS-5-SFRAME_IF_ADMIN_DOWN: [chars]: special frame received if down

Explanation   Special frame received and interface is admin down

Recommended Action   No action is required.

Error Message   IPS-5-SFRAME_IF_NOT_ENABLED: [chars]: special frame not enabled

Explanation   Special frame received and interface special frame configuration is disabled

Recommended Action   No action is required.

Error Message   IPS-5-SFRAME_INVALID_NONCE: [chars]: special frame response has invalid nonce for FCIP

Explanation   Special frame response has a different nonce than was originally sent in the special frame

Recommended Action   No action is required.

Error Message   IPS-5-SFRAME_NOT_RECV: [chars]: special frame was not received by passive-side FCIP

Explanation   Special frame was not received by the passive-side of the FCIP TCP tunnel within given time period

Recommended Action   No action is required.

Error Message   IPS-5-SFRAME_RESP_MISMATCH: [chars]: special frame response has byte mismatch for FCIP

Explanation   Special frame response has a mismiatch in one of the bytes from what was sent from the FCIP special frame sender

Recommended Action   No action is required.

Error Message   IPS-5-SFRAME_RESP_NOT_RECV: [chars]: special frame response was not received by active-side FCIP

Explanation   Special frame response was not received by the active-side of the FCIP TCP tunnel within given time period

Recommended Action   No action is required.

IPS-6

Error Message   IPS-6-FCIP_FTA_READ_ACCEL_STARTED: Read Acceleration started for CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation   FCIP-FTA Read Acceleration started

Recommended Action   Informational no action required

Error Message   IPS-6-FCIP_FTA_READ_ACCEL_STOPPED: Read Acceleration stopped for CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec] due to [chars] after [dec] MB reads

Explanation   FCIP-FTA Read Acceleration stopped

Recommended Action   Informational no action required

Error Message   IPS-6-FCIP_FTA_WRITE_ACCEL_STARTED: Write Acceleration started for CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation   FCIP-FTA Write Acceleration started

Recommended Action   Informational no action required

Error Message   IPS-6-FCIP_FTA_WRITE_ACCEL_STOPPED: Write Acceleration stopped for CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec] due to [chars] after [dec] MB writes

Explanation   FCIP-FTA Write Acceleration stopped

Recommended Action   Informational no action required

IPS-7

Error Message   IPS-7-ISCSI_FCNS_QUERY_REQ: return [hex], wait [dec], VSAN [dec], Init: [chars]

Explanation   ISCSI FCNS query

Recommended Action   No action is required.

Error Message   IPS-7-ISCSI_FCNS_QUERY_RESP: result [hex], [dec] targets, wait [dec], Init: [chars]

Explanation   ISCSI FCNS query response

Recommended Action   No action is required.

Error Message   IPS-7-ISCSI_NEW_FCNS_QUERY_REQ: return [hex], VSANs [chars], Init: [chars]

Explanation   ISCSI FCNS query

Recommended Action   No action is required.

Error Message   IPS-7-ISCSI_NEW_FCNS_QUERY_RESP: result [hex], [dec] entries, [dec] targets, [dec] total targets Init: [chars]

Explanation   ISCSI FCNS query response

Recommended Action   No action is required.

Error Message   IPS-7-ISNS_SVR_ERR_RESPONSE: iSNS server returned following error code on iSNS request for interface [chars] : [dec]

Explanation   ISNS server returned an error for register/deregister request. For select error codes iSNS client would retry and re-register all target nodes corresponding to the interface

Recommended Action   No action is required.

IPV6 Messages

IPV6-2

Error Message   IPV6-2-ALLOC_MEMORY: Memory allocation failed

Explanation   The IP Configuration Manager failed to allocate a block of dynamic memory.

Recommended Action   No action is required.

IPV6-3

Error Message   IPV6-3-FILE_WRITE_FAILED: Writing to file [chars] failed - error: [chars]

Explanation   Writing to a file failed probably due to no space.

Recommended Action   Ipv6

Error Message `IPV6-3-INIT_FAILED: Initialization failed. Component [chars]`

Explanation The service failed to start. The failure occurred while initializing the component [chars].

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

IPV6-4

Error Message `IPV6-4-DAD_FAILED_EVENT: Duplicate address detection failed for [chars] on [chars]`

Explanation Duplicate address detection for IP address failed.

Recommended Action Ipv6

IPV6-6

Error Message `IPV6-6-CONFIG_EVENT: IP Configuration Msg: [chars]`

Explanation Configuration message that needs to be logged.

Recommended Action No action is required.

Error Message `IPV6-6-INTERFACE_DELETED: The interface [chars] has been deleted`

Explanation The specified interface has been deleted. The service will delete all the configuration on that interface.

Recommended Action No action is required.

Error Message `IPV6-6-INTERFACE_EVENT: IP address [chars] [chars] on interface [chars]`

Explanation The IP address [chars] has been successfully [chars] on the interface [chars].

Recommended Action No action is required.

Error Message `IPV6-6-ROUTE_NOT_ACTIVE: The [chars] is not active`

Explanation The specified route is successfully configured but currently is not active.

Recommended Action Check that the route is correct and the outgoing interface is operationally up.

Error Message   IPV6-6-STARTING: IP configuration Manager started

Explanation   The IP Configuration Manager service has successfully started.

Recommended Action   No action is required.

IP Messages

IP-1

Error Message   IP-1-DHCP_CLIENT_FAILED: dhcp-client failed to get the ip address

Explanation   Dhcp-client failed to get the ip from server, probably due to server lease unavailability or cable disconnectivity .

Recommended Action   Ip

IP-2

Error Message   IP-2-ALLOC_MEMORY: Memory allocation failed

Explanation   The IP Configuration Manager failed to allocate a block of dynamic memory.

Recommended Action   No action is required.

IP-3

Error Message   IP-3-FILE_WRITE_FAILED: Writing to file [chars] failed - error: [chars]

Explanation   Writing to a file failed probably due to no space.

Recommended Action   Ip

Error Message   IP-3-INIT_FAILED: Initialization failed. Component [chars]

Explanation   The service failed to start. The failure occurred while initializing the component [chars].

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

IP-4

Error Message   `IP-4-DAD_FAILED_EVENT: Duplicate address detected for [chars] on [chars]`

Explanation   Duplicate address detected for IP address.

Recommended Action   Ip

IP-6

Error Message   `IP-6-CONFIG_EVENT: IP Configuration Msg: [chars]`

Explanation   Configuration message that needs to be logged.

Recommended Action   No action is required.

Error Message   `IP-6-DHCP_CLIENT_SUCCESS: dhcp_client got ip address:[chars],netmask:[chars] for mgmt interface,got from server:[chars]`

Explanation   Dhcp-client is able to get the ip address from server,

Recommended Action   No action is required.

Error Message   `IP-6-INTERFACE_DELETED: The interface [chars] has been deleted`

Explanation   The specified interface has been deleted. The service will delete all the configuration on that interface.

Recommended Action   No action is required.

Error Message   `IP-6-INTERFACE_EVENT: IP address [chars] [chars] on interface [chars]`

Explanation   The IP address [chars] has been successfully [chars] on the interface [chars].

Recommended Action   No action is required.

Error Message   `IP-6-ROUTE_NOT_ACTIVE: The [chars] is not active`

Explanation   The specified route is successfully configured but currently is not active.

Recommended Action   Check that the route is correct and the outgoing interface is operationally up.

Error Message   `IP-6-STARTING: IP configuration Manager started`

Explanation The IP Configuration Manager service has successfully started.

Recommended Action   No action is required.

ISAPI Messages

ISAPI-SLOT#-0

Error Message   `ISAPI-SLOT#-0-INVISTA_EMERG: [chars]`

Explanation Isapi-invista software messages

Recommended Action   No action is required.

Error Message   `ISAPI-SLOT#-0-MSM_EMERG: [chars]`

Explanation Isapi software messages

Recommended Action   No action is required.

Error Message   `ISAPI-SLOT#-0-NSP_EMERG: [chars]`

Explanation Isapi-nsp software messages

Recommended Action   No action is required.

Error Message   `ISAPI-SLOT#-0-SSM_EMERG: [chars]`

Explanation Isapi software messages

Recommended Action   No action is required.

Error Message   `ISAPI-SLOT#-0-SSN_EMERG: [chars]`

Explanation Isapi software messages

Recommended Action   No action is required.

ISAPI-SLOT#-1

Error Message   ISAPI-SLOT#-1-INVISTA_ALERT: [chars]

Explanation   Isapi-invista software messages

Recommended Action   No action is required.

Error Message   ISAPI-SLOT#-1-MSM_ALERT: [chars]

Explanation   Isapi software messages

Recommended Action   No action is required.

Error Message   ISAPI-SLOT#-1-NSP_ALERT: [chars]

Explanation   Isapi-nsp software messages

Recommended Action   No action is required.

Error Message   ISAPI-SLOT#-1-SSM_ALERT: [chars]

Explanation   Isapi software messages

Recommended Action   No action is required.

Error Message   ISAPI-SLOT#-1-SSN_ALERT: [chars]

Explanation   Isapi software messages

Recommended Action   No action is required.

ISAPI-SLOT#-2

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

Explanation   Isapi-invista software messages

Recommended Action   No action is required.

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

Explanation   Isapi software messages

Recommended Action   No action is required.

Error Message   `ISAPI-SLOT#-2-NSP_CRIT: [chars]`

Explanation   Isapi-nsp software messages

Recommended Action   No action is required.

Error Message   `ISAPI-SLOT#-2-SSM_CRIT: [chars]`

Explanation   Isapi software messages

Recommended Action   No action is required.

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

Explanation   Isapi software messages

Recommended Action   No action is required.

ISAPI-SLOT#-3

Error Message   `ISAPI-SLOT#-3-INVISTA_ERROR: [chars]`

Explanation   Isapi-invista software messages

Recommended Action   No action is required.

Error Message   `ISAPI-SLOT#-3-MSM_ERROR: [chars]`

Explanation   Isapi software messages

Recommended Action   No action is required.

Error Message   `ISAPI-SLOT#-3-NSP_ERROR: [chars]`

Explanation   Isapi-nsp software messages

Recommended Action   No action is required.

Error Message   `ISAPI-SLOT#-3-SSM_ERROR: [chars]`

Explanation   Isapi software messages

Recommended Action   No action is required.

Error Message   ISAPI-SLOT#-3-SSN_ERROR: [chars]

Explanation   Isapi software messages

Recommended Action   No action is required.

ISAPI-SLOT#-4

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

Explanation   Isapi-invista software messages

Recommended Action   No action is required.

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

Explanation   Isapi software messages

Recommended Action   No action is required.

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

Explanation   Isapi-nsp software messages

Recommended Action   No action is required.

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

Explanation   Isapi software messages

Recommended Action   No action is required.

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

Explanation   Isapi software messages

Recommended Action   No action is required.

ISAPI-SLOT#-5

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

Explanation   Isapi-invista software messages

Recommended Action   No action is required.

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

Explanation   Isapi software messages

Recommended Action   No action is required.

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

Explanation   Isapi-nsp software messages

Recommended Action   No action is required.

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

Explanation   Isapi software messages

Recommended Action   No action is required.

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

Explanation   Isapi software messages

Recommended Action   No action is required.

ISAPI-SLOT#-6

Error Message   ISAPI-SLOT#-6-INVISTA_INFO: [chars]

Explanation   Isapi-invista software messages

Recommended Action   No action is required.

Error Message   ISAPI-SLOT#-6-MSM_INFO: [chars]

Explanation   Isapi software messages

Recommended Action   No action is required.

Error Message   ISAPI-SLOT#-6-NSP_INFO: [chars]

Explanation   Isapi-nsp software messages

Recommended Action   No action is required.

Error Message   ISAPI-SLOT#-6-SSM_INFO: [chars]

Explanation   Isapi software messages

Recommended Action   No action is required.

Error Message   ISAPI-SLOT#-6-SSN_INFO: [chars]

Explanation   Isapi software messages

Recommended Action   No action is required.

ISAPI-SLOT#-7

Error Message   ISAPI-SLOT#-7-INVISTA_DEBUG: [chars]

Explanation   Isapi-invista software messages

Recommended Action   No action is required.

Error Message   ISAPI-SLOT#-7-MSM_DEBUG: [chars]

Explanation   Isapi software messages

Recommended Action   No action is required.

Error Message   ISAPI-SLOT#-7-NSP_DEBUG: [chars]

Explanation   Isapi-nsp software messages

Recommended Action   No action is required.

Error Message   ISAPI-SLOT#-7-SSM_DEBUG: [chars]

Explanation   Isapi software messages

Recommended Action   No action is required.

Error Message   ISAPI-SLOT#-7-SSN_DEBUG: [chars]

Explanation   Isapi software messages

Recommended Action   No action is required.

ISNS Messages

ISNS-2

Error Message   `ISNS-2-ISNS_CFS_OPERATION_FAILED: iSNS CFS [chars] failed`

Explanation   ISNS CFS operation failed

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

Error Message   `ISNS-2-ISNS_INIT: iSNS initialization of [chars] [chars]`

Explanation   ISNS initialization failed

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

IVR Messages

IVR-2

Error Message   `IVR-2-AUTOLEARN_ACTION_FAIL: Virtual Pfcid autolearn Failed due to failure happens during constructing virtual dynamic pfcid table`

Explanation   This can happen if failure happens during building, distributing or committing the virtual dynamic pfcid table

Recommended Action   Please 1. check the fabric connection or 2. check current virtual user-configured pfcid entries and internally assigned virtual fcid entries for possible conflict

Error Message   `IVR-2-AUTOLEARN_FEATURE_NOT_SUPPORT: Virtual Pfcid Autolearn Failed due to some switches:[chars] dontsupportautolearn'`

Explanation   This can happen if some switches doesntsupportthevirtualpfcidautolearnfeature'

Recommended Action   Please upgrade the unsupported switches

Error Message   `IVR-2-CFS_PEER_LOST_WITHIN_SESSION: CFS peer with switch wwn [chars] was lost in the middle of an active CFS session. Abort the CFS session and re-enter the configuration changes`

Explanation   Due to port flaps, link outages, switch restart etc. a CFS peer switch of IVR was lost. The current configuration changes would not be applied to this peer until the peer merges with this switch. The CFS merge may fail if the configuration at the lost peer conflicts with the changes made

in this session. Also, IVR auto topology could be out of sync. with this peer. It is recommended that the user abort this CFS session using ivr abort command and then re-enter the configuration changes.

Recommended Action   No action is required.

Error Message   IVR-2-DEVICE_FCID_REWRITE_FAILURE: Failure while programming FCID
rewrite entries for pWWN [chars] on incoming VSAN [dec]. Device may not be able
to communicate with its peer devices, failure reason code: [hex]

Explanation   Failed to program FCID rewrite entries probably because the hardware ran out of FCID rewrite entries. This can happen if there are too many devices in Inter-VSAN zone or too many local VSANs in VSAN topology

Recommended Action   Reduce the number of devices involved in IVR in the active IVR zoneset. Also, reduce the number of redundant transit VSANs, if any

Error Message   IVR-2-DEVICE_STATE_INCOMPATIBLE_WITH_NAT_MODE: State for device with
port WWN [chars] could not be restored because it was incompatible with the current
NAT mode([dec]). This probably happened because NAT mode was modified without
completely deactivating the active IVR zoneset

Explanation   This probably happened because NAT mode was modified without completely deactivating the active IVR zoneset

Recommended Action   The switch needs to be rebooted

Error Message   IVR-2-DEVICE_VSAN_REWRITE_FAILURE: Failure while programming VSAN
rewrite entries for pWWN [chars] on incoming VSAN [dec]. Device may not be able
to communicate with its peer devices

Explanation   Failed to program VSAN rewrite entries probably because the hardware ran out of VSAN rewrite entries. This can happen if there are too many devices in Inter-VSAN zone or too many local VSANs in VSAN topology

Recommended Action   Reduce the number of domains involved in IVR by moving the members of active IVR zoneset to fewer switches. Also, reduce the number of redundant transit VSANs, if any

Error Message   IVR-2-INTEROP_MODE_2_OR_3_BF_FAILED: [chars] VSAN [dec] Virtual
Domain [chars]

Explanation   Build Fabric (BF) failed in VSAN [dec]. The BF was initiated in order to remove an unused virtual domain [dec] from the fcdomain list in that VSAN. The virtual domain still remains in the fcdomain list and hence it would not be available in that VSAN for assignment.

Recommended Action   Perform a manual build fabric using fcdomainsinterfaceifyouwouldliketoremovetheunusedvirtualdomain(s)fromthefcdomainlist.'

Error Message   IVR-2-INTEROP_MODE_2_OR_3_RDI_FAILED: VSAN [dec], requested domain [chars], received domain [chars] sWWN [chars]. Return Code [chars]

Explanation   Request Domain Identifier (RDI) command to allocate virtual domain [dec] failed in VSAN [dec]. Received another domain [chars] instead. IVR-members connected to third-party switch may not participate in IVR communications. It is likely that the domain requested in the RDI command is already in use.

Recommended Action   Reassign the domains so that the domain requested via RDI does not overlap with any existing domain in that VSAN.

Error Message   IVR-2-IVR_DISABLE_FAILED: Inter-VSAN Routing disable failed for reason: [chars]

Explanation   Inter-VSAN Routing disable failed for reason: [chars]. Cleanup might not have completed

Recommended Action   Deactivate ivr zoneset and disable ivr again. If that fails, then the ivr process would terminate itself in 5 minutes

Error Message   IVR-2-IVZS_ACTIVATION_FAILED_RETRYING: Inter-VSAN zoneset activation failed in VSAN [dec] : [chars]. retrying after [dec] seconds

Explanation   Inter-VSAN zoneset activation failed in VSAN [dec] : [chars]. This could be an intermittent regular zoneset activation error. The activation will be retried in [dec] seconds.

Recommended Action   No action is required.

Error Message   IVR-2-NO_LICENSE_SHUTDOWN: Inter-VSAN Routing is shutting down.

Explanation   License required for continued IVR operation is not available. Hence IVR is shutting down

Recommended Action   Install appropriate license for IVR services and then enable IVR again.

Error Message   IVR-2-NO_LICENSE_WARNING: Inter-VSAN Routing would shutdown in [dec] seconds.

Explanation   License required for continued IVR operation is not available. Unless the required license is installed IVR would shutdown in [dec] seconds. IVR configurations would be lost.

Recommended Action   Install appropriate license for IVR services to continute to operate uninterrupted within [dec] seconds

Error Message IVR-2-PERSISTENT_VIRTUAL_FCID_CONFLICT_WITH_AUTOLEARN: Conflicting happens betwwen user-configured Persistent virtual fcid and dynamic pfcid entries

Explanation This can happen if conflict happens during persistent virtual domain, or virtual fcid entry configuration.

Recommended Action Please assign a non-conflict persistent virtual domain or fcid entry with current dynamic entries

Error Message IVR-2-PERSISTENT_VIRTUAL_FCID_UNAVAILABLE: Device with port WWN [chars] could not be exported to vsan [dec] because the configured persistent virtual domain/fcid could not be assigned

Explanation This can happen if the virtual domain/fcid configured by the user is - a) Already in use (either by IVR or a real switch) b) Not allowed due to interop mode or allowed domain list

Recommended Action Please make sure that the configured virtual domain/fcid is allowed and available for use

Error Message IVR-2-VIRTUAL_DOMAIN_CONFLICT: In VSAN [dec] virtual domain [dec] from native VSAN [dec] conflicts with native VSAN [dec] for the same virtual domain

Explanation Currently advertised virtual domain [dec] in VSAN [dec] is native to VSAN [dec]. This switch has learned of a device that is member of active IVR zone and has the same domain ID, but belongs to a different native VSAN. This device would not be advertised in that VSAN until the domain conflict is resolved.

Recommended Action No action is required.

Error Message IVR-2-VIRTUAL_FCID_UNAVAILABLE: Device with port WWN [chars] could not be exported to vsan [dec] because the internally generated FCID conflicts with fcid assigned to WWN [chars]. Please configure fcid for WWN [chars] too

Explanation This can happen if the virtual domain/fcid internally configured is already in use by another active device

Recommended Action Please assign a different persistent virtual fcid by CLI command

IVR-3

Error Message IVR-3-AAM_MODE_CANNOT_CHANGE: AAM mode cannot be changed. Might cause the fabric NAT mode inconsistency

Explanation Could be caused by ivr NAT is not enable

Recommended Action No action is required.

Error Message   IVR-3-AAM_MODE_DEREGISTERED_FAILED: Abstract ACL Manager (AAM) mode
deregister failed. Error code is [chars].

Explanation   Abstract ACL Manager (AAM) mode deregister failed

Recommended Action   No action is required.

Error Message   IVR-3-AAM_MODE_REGISTERED_FAILED: Abstract ACL Manager (AAM)
register failed. Error code is [chars].

Explanation   Abstract ACL Manager (AAM) register failed

Recommended Action   No action is required.

Error Message   IVR-3-ACL_ERROR: ACL API, [chars], failed with error [chars]

Explanation   IVR invoked ACL API and received the error code. [chars] describes the API and
[chars] specifies the error.

Recommended Action   No action is required.

Error Message   IVR-3-ACL_PERMIT_ENTRY_ERROR: ACL permit entry update on interface
[chars] failed for reason: [chars]

Explanation   ACL could not program permit entries for IVR traffic. [chars] describes the interface
named and [chars] describes the system error message from ACL. IVR traffic coming from the
interface may be dropped.

Recommended Action   If the problem persists, please contact TAC, or your reseller for support.

Error Message   IVR-3-ACL_PLOGI_ENTRY_ERROR: PLOGI capture entry update in slot [dec]
failed for reason: [chars]

Explanation   ACL could not program IVR PLOGI could not be programmed. slot[dec] describes the
line card slot number and [chars] describes the system error message. PLOGI and its response may
be dropped because ivr process cannot capture those frames.

Recommended Action   No action is required.

Error Message   IVR-3-AFID_CONFLICT: [chars]

Explanation   AFID configuration is different at different ivr-enabled switches in the same VSAN.
Change AFID configuration (auto mode) or vsan topology configuration (user mode) to make it
consistent

Recommended Action   No action is required.

Error Message   IVR-3-CFS_INVALID_PAYLOAD_RECEIVED: Inter-VSAN process received
invalid payload from CFS

   Explanation   Inter-VSAN process received invalid payload from CFS.

   Recommended Action   No action is required.

Error Message   IVR-3-CLEAR_FAILED: [chars]

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

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

Error Message   IVR-3-COMMIT_FAILED: [chars]

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

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

Error Message   IVR-3-COMMIT_PARTIALLY_FAILED: [chars]

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

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

Error Message   IVR-3-COMMIT_REJECTED: [chars]

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

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

Error Message   IVR-3-DDAS_LOCK_TIMER_EXPIRED: IVR database lock is released, as
device-alias commit/abort notification is not received in the expected time frame.

   Explanation   When device-alias sends the validation request, IVR database is locked and a timer is
   started. For any reason, if device-alias commit/abort notification is not received within the expected
   time frame, the lock timer gets expired and the lock is released. If device-alias commmit notification
   is received after the lock is released, the changes are not applied and this could cause inconsistency
   between IVR and device-alias.

   Recommended Action   No action is required.

Error Message   IVR-3-DEVICE_NOT_PREENT_IN_FB_DB_FICON: Device with port WWN [chars] could not be exported to VSANs [chars] because its native switch is not present in the current active fabric binding database of those VSANs.

Explanation   This happens if ficon is enabled on VSANs [chars] and native switch of device with port WWN [chars] is not present in the current active fabric binding database of those VSANs. This is a requirement for ficon compliance.

Recommended Action   No action is required.

Error Message   IVR-3-DEVICE_ON_WRONG_NATIVE_AFID_VSAN: Device with port WWN [chars] (FCID:[chars], native VSAN [dec] native AFID [dec]) may not be exported to other VSANs (for Inter-VSAN zoning) because it has come online in VSAN [dec] AFID [dec]

Explanation   Device has come online on a AFID/VSAN different from the configured native AFID/VSAN

Recommended Action   No action is required.

Error Message   IVR-3-DEVICE_ON_WRONG_NATIVE_VSAN: Device with port WWN [chars] (FCID:[chars], native VSAN [dec]) may not be exported to other VSANs (for Inter-VSAN zoning) because domain [hex] exists in VSAN [dec]

Explanation   Device has come online on a VSAN different from the configured native VSAN or the device does not satisfy unique domain criteria.

Recommended Action   No action is required.

Error Message   IVR-3-DM_ERROR: Domain Manager API, [chars], failed with error [hex]

Explanation   IVR invoked DM API and received the error code. [chars] describes the API and 0x[hex] specifies the error.

Recommended Action   No action is required.

Error Message   IVR-3-DOMAIN_DISALLOWED_IN_INTEROP: Device with port WWN [chars] and FCID [chars] may not be able to participate in Inter-VSAN zone since domain [dec] is disallowed in the interop mode for VSAN [dec]

Explanation   VSAN interop modes place restrictions on what domain ranges are allowed. This domain is out of the range allowed for this interop mode. See the Cisco MDS 9000 Family Configuration Guide for details on the domain range limitations.

Recommended Action   Change the domain of the switch to which this IVR zone member is connected to so that it is within the allowed domain list for the interop mode. The domain identifier can be statically assigned using fcdomain interface. You can also configure a range of domains allowed in a VSAN using the fcdomains'allowed-domains'interface.'

Error Message   IVR-3-DOMAIN_UNAVAILABLE: Device with port WWN [chars] and FCID
[chars] may not be able to participate in Inter-VSAN zone since domain [dec] is
already assigned in VSAN [dec]

> **Explanation**   Device with port WWN [chars] and FCID [dec] may not be able to participate in
> Inter-VSAN zone since domain [dec] is already assigned in VSAN [dec].
>
> **Recommended Action**   No action is required.

Error Message   IVR-3-FC2_ERROR: FC2 API [chars] failed with error [hex] for [chars]

> **Explanation**   IVR invoked FC2 API for [chars] socket and received the error code. [chars] describes
> the API and 0x[hex] specifies the error.
>
> **Recommended Action**   No action is required.

Error Message   IVR-3-FCID_NAT_MODE_CANNOT_CHANGE: IVR NAT mode cannot be changed.
Might cause the fabric NAT mode inconsistency

> **Explanation**   Could be caused by active zoneset, pending activation /deactivation or non-empty
> device list
>
> **Recommended Action**   No action is required.

Error Message   IVR-3-FCID_REWRITE_REQUEST_TO_ACL_FAILED: fcid rewrite [chars]
request vsan [dec] did [chars] sid [chars] failed:[chars]([hex]).

> **Explanation**   This happens when either after IVR retried the request few times or ACL experienced
> error while processing the request.
>
> **Recommended Action**   No action is required.

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

> **Explanation**   IVR process encountered a general error, one that does not fall in any of the categories.
> [chars] describes the error and its context.
>
> **Recommended Action**   No action is required.

Error Message   IVR-3-INVALID_ZONE_MEMBER_PROP_INTEROP_MODE_2_3: unsupported
member/zone properties in interop mode 2 or 3 [chars]

> **Explanation**   Inter-VSAN member properties incompatible with interop mode vsan
>
> **Recommended Action**   No action is required.

Error Message   IVR-3-IVR_NAT_OFF_IS_SAB: Fcid-nat must be enabled before IVR zoneset activation for Sabre platform.

Explanation   Fcid-nat must be enabled before IVR zoneset activation for Sabre platform.

Recommended Action   No action is required.

Error Message   IVR-3-IVZ_ACTIVATION_FAILED_VSAN: Inter-VSAN zoneset [chars] activation failed in VSAN [dec]

Explanation   Inter-VSAN zoneset activation failed failed in VSAN.

Recommended Action   No action is required.

Error Message   IVR-3-IVZ_ACTIVATION_FAILED: Inter-VSAN zoneset [chars] activation failed

Explanation   Inter-VSAN zoneset activation failed.

Recommended Action   No action is required.

Error Message   IVR-3-IVZ_DEACTIVATION_FAILED_VSAN: Inter-VSAN zoneset [chars] deactivation failed in VSAN [dec]

Explanation   Inter-VSAN zoneset deactivation failed in VSAN.

Recommended Action   No action is required.

Error Message   IVR-3-IVZ_DEACTIVATION_FAILED: Inter-VSAN zoneset [chars] deactivation failed

Explanation   Inter-VSAN zoneset deactivation failed.

Recommended Action   No action is required.

Error Message   IVR-3-LOCK_FAILED: [chars]

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

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

Error Message   IVR-3-MERGE_ACTIVATION_FAILED: [chars]

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

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

Error Message   IVR-3-MERGE_FAILED: IVR merge failed and the reason is [chars]

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

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

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

Explanation   IVR process unsuccessfully tried to send a MTS message. MTS error number is specified in [dec].

Recommended Action   No action is required.

Error Message   IVR-3-NS_ERROR: FCNS API, [chars], failed with error [hex]

Explanation   IVR invoked FCNS API and received the error code. [chars] describes the API and 0x[hex] specifies the error.

Recommended Action   No action is required.

Error Message   IVR-3-PSS_CFG_RESTORE_ERROR: Configuration restoration for [chars] failed with error [hex]

Explanation   IVR read the saved configuration and encountered an error while rebuilding the runtime configuration. [chars] describes the configuration which the process tried to restore and 0x[hex] is the system err code.

Recommended Action   No action is required.

Error Message   IVR-3-PSS_ERROR: PSS operation [chars] returned error: [hex]

Explanation   [chars] specifies the context where the failure occurred and 0x[hex] specifies the error.

Recommended Action   No action is required.

Error Message   IVR-3-PSS_RTDB_RESTORE_ERROR: Runtime database restoration for [chars] failed with error [hex]

Explanation   IVR read the saved runtime database and encountered an error while rebuilding the runtime database. [chars] describes the runtime database which the process tried to restore and 0x[hex] is the system error code.

Recommended Action   No action is required.

Error Message   IVR-3-QOS_IOD_UNDROP_REQUEST_TO_ACL_FAILED: qos iod undrop request
vsan [dec] did [chars] failed:[chars].

Explanation   This happens when either after IVR retried the request few times or ACL experienced
error while processing the request.

Recommended Action   No action is required.

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

Explanation   IVR invoked RIB API and received the error code. [chars] describes the API and
0x[hex] specifies the error.

Recommended Action   No action is required.

Error Message   IVR-3-ROUTE_REQUEST_TO_ACL_FAILED: route [chars] request vsan [dec]
domain [dec] failed:[chars].

Explanation   This happens when either after IVR retried the request few times or ACL experienced
error while processing the request.

Recommended Action   No action is required.

Error Message   IVR-3-TOPOLOGY_COMPUTATION_FAILED: Inter-VSAN Topology computation
has failed due to: [chars]

Explanation   Inter-VSAN Topology has failed due to [chars]. Possible reasons are (a) Number of
AFID/VSAN combination is more than te maximum supported value of 128, or (b) Number of
ivr-enabled switches is more than the maximum supported value of 128

Recommended Action   No action is required.

Error Message   IVR-3-UNEXPECTED_MTS_MSG: Unexpected MTS message, opcode [dec], is
received

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

Recommended Action   No action is required.

Error Message   IVR-3-UNLOCK_FAILED: [chars]

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

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

Error Message `IVR-3-VSAN_SEGMENTED: [chars]`

Explanation VSAN is segmented. VSAN is removed from the topology graph and hence no Inter-VSAN traffic can flow through this VSAN.

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

Error Message `IVR-3-ZS_POLICY_IS_DENY_NO_ACTIVE_ZS: Default zone behavior policy is deny on VSAN [dec] and there is no active zoneset`

Explanation Default zone behavior is deny and there is no active zoneset. Inter-VSAN zone members may not be able communicate in this VSAN.

Recommended Action No action is required.

Error Message `IVR-3-ZS_POLICY_IS_PERMIT_NO_FORCE: Default zone behavior policy is permit on VSAN [dec] and the force option is off`

Explanation Default zone behavior is permit and the force option is off. Inter-VSAN zoneset activation on this VSAN has failed.

Recommended Action No action is required.

Error Message `IVR-3-ZS_POLICY_IS_PERMIT_ZS_DEACTIVATED: Default zone behavior policy is permit on VSAN [dec] and regular zoneset deactivated`

Explanation Default zone behavior is permit and regular zoneset is deactivated. Inter-VSAN zone members may not be able to communicate.

Recommended Action No action is required.

IVR-4

Error Message `IVR-4-AUTO_TOPOLOGY_UPDATE_DISCARDED: [chars]`

Explanation Received auto topology update is discarded due to conflicts

Recommended Action No action is required.

Error Message `IVR-4-FCID_REWRITE_REQUEST_TO_ACL_FAILED_AND_RETRYING: fcid rewrite [chars] request vsan [dec] did [chars] sid [chars] failed:[chars]([hex]). Retrying the request again.`

Explanation This happens when either any of the linecards being upgraded or ACL experienced error while processing the request.

Recommended Action No action is required.

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

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

Recommended Action   No action is required.

Error Message   `IVR-4-IVR_VDC_FORCEFUL_CLEANUP: IVR was removed with VDC delete/reload/suspend, Forceful cleanup was triggered.`

Explanation   IVR was removed from an N7K switch via VDC delete/reload, which triggered a forceful cleanup.

Recommended Action   No action is required.

Error Message   `IVR-4-PERSISTENT_VIRTUAL_DOMAIN_MERGE_CONFLICT: [chars]`

Explanation   Merge failed due to conflict in the persistent virtual domain configuration

Recommended Action   No action is required.

Error Message   `IVR-4-PERSISTENT_VIRTUAL_FCID_MERGE_CONFLICT: [chars]`

Explanation   Merge failed due to conflict in the persistent virtual fcid configuration

Recommended Action   No action is required.

Error Message   `IVR-4-QOS_IOD_UNDROP_REQUEST_TO_ACL_FAILED_AND_RETRYING: qos iod undrop request vsan [dec] did [chars] failed:[chars]. Retrying the request again.`

Explanation   This happens when either any of the linecards being upgraded or ACL experienced error while processing the request.

Recommended Action   No action is required.

Error Message   `IVR-4-ROUTE_REQUEST_TO_ACL_FAILED_AND_RETRYING: route [chars] request vsan [dec] domain [dec] failed:[chars]. Retrying the request again.`

Explanation   This happens when either any of the linecards being upgraded or ACL experienced error while processing the request.

Recommended Action   No action is required.

Error Message   `IVR-4-UNKNOWN_NATIVE_VSAN: Unknown native VSAN for the virtual domain [dec] in VSAN [dec] local native VSAN for the same virtual domain is [dec]`

Explanation   Could not determine native VSAN of the currently advertised virtual domain [dec] in VSAN [dec]. This switch has learned of a device that is member of active IVR zone has the same domain ID, and belongs to native VSAN [dec]. This device would not be advertised in that VSAN until the native VSAN information is resolved.

Recommended Action   No action is required.

IVR-5

Error Message   `IVR-5-AAM_MODE_DEREGISTERED: Abstract ACL Manager (AAM) mode has been deregistered`

Explanation   Abstract ACL Manager (AAM) mode has been deregistered

Recommended Action   No action is required.

Error Message   `IVR-5-AAM_MODE_REGISTERED: Abstract ACL Manager (AAM) mode has been registered`

Explanation   Abstract ACL Manager (AAM) mode has been registered

Recommended Action   No action is required.

Error Message   `IVR-5-FCID_NAT_MODE_ACTIVATED: FCID network address translation (NAT) mode has been activated`

Explanation   FCID network address translation (NAT) mode has been activated

Recommended Action   No action is required.

Error Message   `IVR-5-FCID_NAT_MODE_DEACTIVATED: FCID network address translation (NAT) mode has been deactivated`

Explanation   FCID network address translation (NAT) mode has been deactivated

Recommended Action   No action is required.

Error Message   `IVR-5-IVR_ASSERTION_FAILED: Unexpected assertion failure in File [chars] at Line [dec]`

Explanation   An assertion failed in IVR code

Recommended Action   No action is required.

Error Message   IVR-5-IVZS_ACTIVATION_RETRYING: Inter-VSAN zoneset activation did
not go through because of [chars], retrying in VSAN [dec] after [dec] seconds

Explanation   Inter-VSAN zoneset activation failed because of [chars] in VSAN [dec]. This could be
an intermittent regular zoneset activation error. The activation will be retried in [dec] seconds.

Recommended Action   No action is required.

Error Message   IVR-5-IVZS_WAITING_FOR_LOWEST_SWWN: Waiting for lowest switch WWN
Inter-VSAN enabled switch in VSAN [dec]

Explanation   Only lowest switch WWN Inter-VSAN enabled switch adds the Inter-VSAN zones to
the regular active zoneset in a VSAN. This local switch is not the lowest sWWN switch in VSAN
[dec]

Recommended Action   No action is required.

Error Message   IVR-5-IVZ_ACTIVATED_VSAN: Inter-VSAN zoneset [chars] activated in
VSAN [dec]

Explanation   Inter-VSAN zoneset activated in VSAN[dec].

Recommended Action   No action is required.

Error Message   IVR-5-IVZ_ACTIVATED: Inter-VSAN zoneset [chars] activated

Explanation   Inter-VSAN zoneset activated[dec].

Recommended Action   No action is required.

Error Message   IVR-5-IVZ_CLEANUP_DONE_BY_TIMER: Inter-VSAN clean-up is not done
after waiting for 5 minutes

Explanation   Inter-VSAN related configuration might not be cleaned up before the ivr process is
terminated

Recommended Action   If the problem persists, you may have to reboot your switch to clean up the old
IVR configuration

Error Message   IVR-5-IVZ_CLEANUP_DONE: Inter-VSAN clean-up is done

Explanation   Inter-VSAN related configuration is cleaned up before exiting.

Recommended Action   No action is required.

Error Message   IVR-5-IVZ_DEACTIVATED_VSAN: Inter-VSAN zoneset [chars] deactivated
in VSAN [dec]

Explanation   Inter-VSAN zoneset deactivated in VSAN[dec].

Recommended Action   No action is required.

Error Message   IVR-5-IVZ_DEACTIVATED: Inter-VSAN zoneset [chars] deactivated

Explanation   Inter-VSAN zoneset deactivated[dec].

Recommended Action   No action is required.

Error Message   IVR-5-IVZ_PARTIALLY_ACTIVATED: Inter-VSAN zoneset [chars] partially
activated

Explanation   Inter-VSAN zoneset activated[dec].

Recommended Action   Check if it is successful in all VSANs by doing show IVR zoneset status.

Error Message   IVR-5-IVZ_PARTIALLY_DEACTIVATED: Inter-VSAN zoneset [chars]
partially deactivated

Explanation   Inter-VSAN zoneset deactivated[dec].

Recommended Action   Check if it is successful in all VSANs by doing show IVR zoneset status.

Error Message   IVR-5-LICENSE_CHECKIN_FAILED: Failed to checkin [chars] license:
Err=[chars]

Explanation   Failed to checkin [chars] license

Recommended Action   No action is required.

Error Message   IVR-5-SERVICE_GROUP_ACTIVATED: Inter-VSAN Service Group has been
activated

Explanation   Inter-VSAN Service Group has been activated.

Recommended Action   No action is required.

Error Message   IVR-5-SERVICE_GROUP_DEACTIVATED: Inter-VSAN Service Group has been
deactivated

Explanation   Inter-VSAN Service Group has been deactivated.

Recommended Action   No action is required.

Error Message   IVR-5-VSAN_NO_LONGER_SEGMENTED: [chars]

Explanation   VSAN is no longer segmented. VSAN is added back to the topology graph and hence Inter-VSAN traffic can now flow through this VSAN.

Recommended Action   No action is required.

Error Message   IVR-5-VSAN_TOPOLOGY_ACTIVATED: Inter-VSAN Topology has been activated

Explanation   Inter-VSAN Topology has been activated.

Recommended Action   No action is required.

IVR-6

Error Message   IVR-6-DRAV_ASYNC_DOMAIN_RELEASE: [chars]

Explanation   DRAV FSM has unconditionally released a domain due to conflict after a fabric merge. The details are in [chars]

Recommended Action   No action is required.

Error Message   IVR-6-DRAV_CRITICAL_RETRY_EXCEED: [chars]

Explanation   DRAV FSM frames are attempted to be resent. The details are in [chars]

Recommended Action   No action is required.

Error Message   IVR-6-DRAV_DOMAIN_ALLOC: Virtual domain [dec] for Native AFID: [dec] Native VSAN [dec]

Explanation   A virtual domain indicated by [dec] has been reserved for a device with native AFID [dec] and native VSAN [dec]

Recommended Action   No action is required.

Error Message   IVR-6-DRAV_DOMAIN_RELEASE: Virtual domain [dec] for Native AFID: [dec] Native VSAN [dec]

Explanation   A virtual domain indicated by [dec] has been released used by devices with native AFID [dec] and native VSAN [dec]

Recommended Action   No action is required.

Error Message   IVR-6-DRAV_TOPO_UPDATE: [chars]

Explanation   DRAV FSM Topology has been updated as indicated by [chars]

Recommended Action   No action is required.

Error Message   IVR-6-LICENSE_VALID: A valid license for Inter-VSAN Routing has been obtained

Explanation   A valid license for Inter-VSAN Routing has been obtained

Recommended Action   No action is required.

IVR-7

Error Message   IVR-7-CFS_REQ_RCVD: [chars]

Explanation   CFS request is received. The WWN of the switch originated this request and the rr-token of the request are provided in the syslog message.

Recommended Action   No action is required.

Error Message   IVR-7-CFS_RESP_SENT: [chars]

Explanation   CFS response is sent. The rr-token of the corresponding request and the status are provided in the syslog message

Recommended Action   No action is required.

L2FMC Messages

L2FMC-SLOT#-0

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

Explanation   L2FMC failed to initialize CLI infrastructure's backend library. This is a fatal error.

Recommended Action   No action is required.

Error Message   L2FMC-SLOT#-0-L2FMC_TIMER_INIT_FAILED: Timer subsystem initialization failed!

Explanation   L2FMC failed to initialize timer library. This is a fatal error.

Recommended Action   No action is required.

L2FMC-SLOT#-2

Error Message   L2FMC-SLOT#-2-L2FMC_MEM_ALLOC: Memory allocation failed. [chars]

Explanation   Memory allocation failed. This is a critical failure

Recommended Action   No action is required.

Error Message   L2FMC-SLOT#-2-L2FMC_VLAN_NOT_FOUND: VLAN [dec] not found in L2FMC database!

Explanation   L2FMC failed to find VLAN [dec] in its database. L2 MAC learning & aging on VLAN [dec] may be affected.

Recommended Action   No action is required.

L2FMC-SLOT#-5

Error Message   L2FMC-SLOT#-5-L2FMC_GLBL_AGE_CONFIG_FAIL: Global age value configuration to [dec] seconds failed!

Explanation   L2FMC failed to configure global default age to [dec] seconds.

Recommended Action   No action is required.

Error Message   L2FMC-SLOT#-5-L2FMC_VLAN_AGE_CONFIG_FAIL: VLAN Age configuration to [dec] seconds failed!

Explanation   L2FMC failed to configure age for VLAN [dec] to [dec] seconds.

Recommended Action   No action is required.

L2FMC-SLOT#-6

Error Message   L2FMC-SLOT#-6-L2FMC_GLBL_AGE_CONFIGURED: Global age value configured to [dec] seconds.

Explanation   L2FMC has successfully configured global default age to [dec] seconds.

Recommended Action   No action is required.

Error Message   L2FMC-SLOT#-6-L2FMC_INITIALIZED: Internal state created [chars]

Explanation   L2FMC has created its internal state stateless/stateful [chars].

Recommended Action   No action is required.

Error Message   `L2FMC-SLOT#-6-L2FMC_VDC_CREATED: VDC [dec] created`

Explanation   Request to create VDC [dec] in L2FMC was successful.

Recommended Action   No action is required.

Error Message   `L2FMC-SLOT#-6-L2FMC_VDC_REMOVED: VDC [dec] Removed`

Explanation   L2FMC has successfully removed VDC [dec] from its databases.

Recommended Action   No action is required.

Error Message   `L2FMC-SLOT#-6-L2FMC_VDC_VLAN_CREATED: VLAN [dec] created`

Explanation   L2FMC has added VLAN [dec].

Recommended Action   No action is required.

Error Message   `L2FMC-SLOT#-6-L2FMC_VDC_VLAN_REMOVED: VLAN [dec] removed from VDC [dec]`

Explanation   L2FMC has successfully removed VLAN [dec] from VDC [dec].

Recommended Action   No action is required.

Error Message   `L2FMC-SLOT#-6-L2FMC_VLAN_AGE_CONFIGURED: Age configured for VLAN [dec] to [dec] seconds.`

Explanation   L2FMC has successfully configured age for VLAN [dec] to [dec] seconds.

Recommended Action   No action is required.

L2FM Messages

L2FM-0

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

Explanation   Failed to initialize CLI infrastructure's backend library. This is a fatal error.

Recommended Action   No action is required.

Error Message   L2FM-0-L2FM_VDC_GWMAC_GET_FAILED: Failed to get gwmac for VDC

Explanation   Failed to get gwmac for VDC.

Recommended Action   No action is required.

Error Message   L2FM-0-L2FM_WRITE_TO_PSS_FAILED_IN_PREVIOUS_INCARNATION: PSS Write
Failed in pervious incarnation. Stateful restart not possible

Explanation   PSS Write Failed in pervious incarnation. Stateful restart not possible

Recommended Action   No action is required.

L2FM-1

Error Message   L2FM-1-L2FM_ORIB_SENDS_INCORRECT_IFIDX: Incorrect ifidx received
from Orib. Please check mac [chars] vlan [dec]

Explanation   L2fm has received a mac insert/delete from Orib with incorrect ifidx. Please check otv
mac entries

Recommended Action   No action is required.

Error Message   L2FM-1-L2FM_OWNER_NOT_FOUND: Error : fe owner not found for mac entry
[chars] in age notif sent from slot = [dec], fe = [dec]

Explanation   L2fm has received an age notification from the linecard but does not have the mac
owner in its database

Recommended Action   No action is required.

Error Message   L2FM-1-L2FM_SDB_NOT_FLUSHED: Error : [dec] mac entries have not
flushed from l2fm sdb

Explanation   Due to an internal error l2fm has not written mac entries to its sdb

Recommended Action   No action is required.

Error Message   L2FM-1-L2FM_SMAC_DUP_FOUND: Duplicate static mac found in secondary
vlan. P-VLAN:[dec] S-VLAN:[dec] MAC:[chars]

Explanation   Duplicate static mac found in secondary vlan. P-VLAN:[dec] S-VLAN:[dec]
MAC:[chars]

Recommended Action   No action is required.

Error Message   `L2FM-1-L2FM_WRITE_TO_PSS_FAILED: Failed to write to PSS err [chars]`

Explanation   Failed to write to PSS err [chars]

Recommended Action   No action is required.

L2FM-2

Error Message   `L2FM-2-L2FM_AGING_TIME_SET_FAILED: Failed to set age time [dec] for vlan [dec]`

Explanation   Failed to set age time [dec] for vlan [dec].

Recommended Action   No action is required.

Error Message   `L2FM-2-L2FM_GLBL_AGING_TIME_SET_FAILED: Failed to set global age time [dec]`

Explanation   Failed to set global age time [dec]

Recommended Action   No action is required.

Error Message   `L2FM-2-L2FM_UPDATE_LOST_HINTS: mac [hex]:[hex]:[hex]:[hex]:[hex]:[hex] updated by slot [dec] fe_index [dec], from [hex] to [hex], with [hex] new hints and loosing %08 old_hints. stack trace: [chars]`

Explanation   An update from MTM looks inconsistent with the previous state

Recommended Action   No action is required.

L2FM-4

Error Message   `L2FM-4-L2FM_MAC_MOVE: Mac [chars] in vlan [dec] has moved from [chars] to [chars]`

Explanation   Mac [string] in vlan [dec] has moved from [string] to [string]

Recommended Action   No action is required.

L2FM-5

Error Message   `L2FM-5-L2FM_VLAN_MODE_CHANGE_TO_NON_CONV: Vlan [dec] has been internally changed to non conversational mode on SVI CREATE`

Explanation   Change vlan learning mode to non conversational mode on SVI CREATE

Recommended Action   No action is required.

Error Message   L2FM-5-L2FM_VLAN_MODE_REVERTED_BACK: Vlan [dec] has been internally
changed to user configured learning mode on SVI DELETE. Mac entries installed
non-optimally due to SVI up will get removed from all FEs once ages out

Explanation   Change vlan learning mode to user configured value on SVI DELETE

Recommended Action   No action is required.

L2FM-6

Error Message   L2FM-6-L2FM_DYN_MAC_INS_FAILED: Dynamic mac insertion
failure!fail_cnt: [dec] Slot:[dec]

Explanation   Failed to insert dynamic macs fail_cnt:[dec] for Slot:[Slot]

Recommended Action   No action is required.

L2MCAST Messages

L2MCAST-SLOT#-0

Error Message   L2MCAST-SLOT#-0-L2MCAST_CLI_INIT_FAILED: CLI library initialization
failed!

Explanation   L2MCAST failed to initialize CLI infrastructure's backend library. This is a fatal error.

Recommended Action   No action is required.

Error Message   L2MCAST-SLOT#-0-L2MCAST_TIMER_INIT_FAILED: Timer subsystem
initialization failed!

Explanation   L2MCAST failed to initialize timer library. This is a fatal error.

Recommended Action   No action is required.

L2MCAST-SLOT#-2

Error Message   L2MCAST-SLOT#-2-L2MCAST_MAC_FULL_LC: Failed to insert entry in MAC
table for FE [dec] swidx [dec] ([hex]) with err ([chars]). To avoid possible
multicast traffic loss, disable OMF. Use the configuration CLI: "no ip igmp
snooping optimise-multicast-flood"

Explanation   Failed to program the MAC table. MAC table line full for this entry

Recommended Action   No action is required.

Error Message   `L2MCAST-SLOT#-2-L2MCAST_VLAN_NOT_FOUND: VLAN [dec] not found in L2MCAST database!`

Explanation   L2MCAST failed to find VLAN [dec] in its database. L2 MAC learning & aging on VLAN [dec] may be affected.

Recommended Action   No action is required.

Error Message   `L2MCAST-SLOT#-2-L2MCAST: Memory allocation failed. [chars]`

Explanation   Memory allocation failed. This is a critical failure

Recommended Action   No action is required.

L2MCAST-SLOT#-6

Error Message   `L2MCAST-SLOT#-6-L2MCAST_HW_INSTALL_FAIL: Hw install failed for vlan [dec] ([dec], [chars], [chars]) entry!`

Explanation   L2MCAST failed to insert bd, g, s entry in hardware. Igmp snooping may not be effective on vlan for that group and source

Recommended Action   No action is required.

Error Message   `L2MCAST-SLOT#-6-L2MCAST_INITIALIZED: Internal state created [chars]`

Explanation   L2MCAST has created its internal state stateless/stateful [chars].

Recommended Action   No action is required.

Error Message   `L2MCAST-SLOT#-6-L2MCAST_VDC_CREATED: VDC [dec] created`

Explanation   Request to create VDC [dec] in L2MCAST was successful.

Recommended Action   No action is required.

Error Message   `L2MCAST-SLOT#-6-L2MCAST_VDC_REMOVED: VDC [dec] Removed`

Explanation   L2MCAST has successfully removed VDC [dec] from its databases.

Recommended Action   No action is required.

Error Message   `L2MCAST-SLOT#-6-L2MCAST_VDC_VLAN_CREATED: VLAN [dec] created`

Explanation   L2MCAST has added VLAN [dec].

Recommended Action   No action is required.

Error Message   L2MCAST-SLOT#-6-L2MCAST_VDC_VLAN_REMOVED: VLAN [dec] removed from
VDC [dec]

Explanation   L2MCAST has successfully removed VLAN [dec] from VDC [dec].

Recommended Action   No action is required.

L3VM Messages

L3VM-5

Error Message   L3VM-5-FP_TPG_CREATE: Fabricpath topology [dec] created

Explanation   FP-Topology created

Recommended Action   No action is required.

Error Message   L3VM-5-FP_TPG_DELETE: Fabricpath topology [dec] deleted

Explanation   FP-Topology deleted

Recommended Action   No action is required.

Error Message   L3VM-5-FP_TPG_INTF_DOWN: Interface [chars] down in fabricpath
topology [dec] [chars]

Explanation   Interface in a FP-Topology went down

Recommended Action   No action is required.

Error Message   L3VM-5-FP_TPG_INTF_UP: Interface [chars] up in fabricpath topology
[dec]

Explanation   Interface in a FP-Topology is up

Recommended Action   No action is required.

LACP Messages

LACP-3

Error Message   LACP-3-GENERAL_ERROR: [chars]

Explanation   General error

Recommended Action   No action is required.

Error Message   LACP-3-LACP_MEM_PC_MISCFG: LACP misconfiguration detected on
[chars]: ([chars] [dec]-[dec][chars] [dec]-[dec])

    Explanation   There was an LACP misconfiguration

    Recommended Action   No action is required.

Error Message   LACP-3-LACP_MISCFG: LACP misconfiguration detected on [chars]:
([chars])

    Explanation   There was an LACP misconfiguration

    Recommended Action   No action is required.

Error Message   LACP-3-LACP_SUSPEND_HALF_DUPLEX_PORT: Port [chars] is in half duplex
mode. suspend port

    Explanation   LACP is not supported in half duplex mode. Suspend port

    Recommended Action   No action is required.

Error Message   LACP-3-LACP_SUSPEND_MINLINK: LACP port [chars] of port-channel
[chars] is suspended as min-link requirement not met.

    Explanation   LACP suspend ports due to min-link

    Recommended Action   No action is required.

Error Message   LACP-3-LACP_UPGRADE_READY_FAILED: Upgrade ready was returned
failure.

    Explanation   Upgrade ready event was returned failure since one of the ports in port channels were
found to be in intermediate state.

    Recommended Action   No action is required.

Error Message   LACP-3-PACKET_TRANSMIT_ERR: [chars]: Could not send LACP packet
err=[dec]

    Explanation   There was an error in sending LACP packet

    Recommended Action   No action is required.

Error Message   LACP-3-SYN_COLL_DIS_EN: [chars] [[chars]]: SYNC, COLLECT and
DISTRIBUTE flags enabled too early by partner

    Explanation   Potential interop issue. Partner system seems to have enabled sync as well collecting or
distributing flags too early even before actor has selected an aggregator

    Recommended Action   No action is required.

Error Message   LACP-3-SYSTEM_MAC_ERR: [chars]: Could not get system mac[[chars]]

Explanation   There was an error in acquiring system mac from VDC Mgr

Recommended Action   No action is required.

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_DOES_NOT_MEET_MINLINK_REQ: LACP port-channel [chars] is brought down as min-link requirement not met.

Explanation   LACP port-channel down as min-link requirement not met

Recommended Action   No action is required.

Error Message   LACP-5-LACP_ENABLED: LACP Enabled

Explanation   LACP Service Enabled

Recommended Action   No action is required.

Error Message   LACP-5-LACP_MEETS_MINLINK_REQ: LACP port-channel [chars] meets min-link requirement. Reint port-channel

Explanation   LACP port-channel meets min-link requirement

Recommended Action   No action is required.

Error Message   LACP-5-LACP_REMOTE_NOTIFY_SUCCESS: Remote notify event.

Explanation   Remote notify event was returned success.

Recommended Action   No action is required.

Error Message   LACP-5-LACP_SUSPEND_INDIVIDUAL: LACP port [chars] of port-channel [chars] not receiving any LACP BPDUs suspending (individual) port

Explanation   LACP suspend individual ports

Recommended Action   No action is required.

Error Message   LACP-5-LACP_UPGRADE_READY_SUCCESS: Upgrade ready was returned success.

Explanation   Upgrade ready event was returned success since all ports in port channels were found in steady state.

Recommended Action   No action is required.

Error Message   LACP-5-PORT_PRIORITY_CHANGED: [chars]: LACP port priority changed from [dec] to [dec]

Explanation   LACP port priority has been changed

Recommended Action   No action is required.

Error Message   LACP-5-SYSTEM_PRIORITY_CHANGED: LACP system priority changed from [hex] to [hex]

Explanation   LACP system priority has been changed

Recommended Action   No action is required.

Error Message   LC-FCFWD-3-ERROR: [chars]

Explanation   Lc_fcfwd encountered an error

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

Error Message   LC-SPAN-3-ERROR: [chars]

Explanation   Lc_span_mgr encountered an error

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

LC_CFG Messages

LC_CFG-SLOT#-2

Error Message   LC_CFG-SLOT#-2-LC2_CPU_ERRORS: [chars], Total IC [dec], DC [dec], Tag [dec], MBit [dec], SBit [dec], I30 [dec]

Explanation   LC CPU Cache errors.

Recommended Action   No action is required.

Error Message   LC_CFG-SLOT#-2-LC_CFG_ABORT: registration aborted with code [dec]

Explanation   Process lc_cfg_mgr aborted registration

Recommended Action   No action is required.

Error Message   LC_CFG-SLOT#-2-LC_CFG_EXITED: exited with code [dec]

Explanation   Process lc_cfg_mgr exited

Recommended Action   No action is required.

LC_PORT_CHANNEL Messages

LC_PORT_CHANNEL-SLOT#-0

Error Message   LC_PORT_CHANNEL-SLOT#-0-HW_FAILURE: fatal error in configureing [chars]: [chars]

Explanation   Fatal hardware error in port-channel configuration

Recommended Action   Reset the module

Error Message   LC_PORT_CHANNEL-SLOT#-0-IDX_FULL: D_IDX table full (current [dec], new [dec], total [dec])

Explanation   Programming error in port-channel configuration

Recommended Action   Reset the module

LC_PORT_CHANNEL-SLOT#-3

Error Message   LC_PORT_CHANNEL-SLOT#-3-LC_PORT_CHANNEL_ERROR: [chars]

Explanation   General error

Recommended Action   No action is required.

Error Message   LC_PORT_CHANNEL-SLOT#-3-LC_PORT_CHANNEL_IDXMAP_FAILURE: could not lookup port index for interface [chars]

Explanation   Could not look up port index

Recommended Action   No action is required.

LC_PORT_MGR Messages

LC_PORT_MGR-SLOT#-2

Error Message   LC_PORT_MGR-SLOT#-2-LC_MTS_ERROR: An MTS error has occurred in
([chars]) with the following conditions: opc=[dec] ssap=[hex] dsap=[hex]
syserr=[hex]

Explanation   This is a software error in message communication between two applications.

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

LC_RDL Messages

LC_RDL-3

Error Message   LC_RDL-3-SYSLOG_ALLOC_FAIL: : [chars]

Explanation   RDL malloc failed : [chars]

Recommended Action   No action is required.

Error Message   LC_RDL-3-SYSLOG_CONTEXT_ERR: : [chars] [dec]

Explanation   RDL context error: [chars] [dec]

Recommended Action   No action is required.

Error Message   LC_RDL-3-SYSLOG_ERR: : [chars]

Explanation   RDL syslog errors : [chars]

Recommended Action   No action is required.

Error Message   LC_RDL-3-SYSLOG_EXIT: : [chars]

Explanation   RDL exiting on errors : [chars]

Recommended Action   No action is required.

Error Message   LC_RDL-3-SYSLOG_INIT_FAIL: : [chars] [chars]

Explanation   RDL Init Failed: [chars] [chars]

Recommended Action   No action is required.

Error Message   LC_RDL-3-SYSLOG_MTS_ERR: : [chars]

Explanation   RDL MTS errors : [chars]

Recommended Action   No action is required.

Error Message   LC_RDL-3-SYSLOG_MTS_REG_FAILED: : [dec] [dec]

Explanation   RDL context error: [dec] [dec]

Recommended Action   No action is required.

LC_RDL-6

Error Message   LC_RDL-6-SYSLOG_DEBUG_1: : [chars] [hex]

Explanation   RDL Debug logs: [chars] [dec]

Recommended Action   No action is required.

Error Message   LC_RDL-6-SYSLOG_DEBUG_2: : [chars] [hex]

Explanation   RDL Debug logs: [chars] [dec]

Recommended Action   No action is required.

Error Message   LC_RDL-6-SYSLOG_INFO: : [chars]

Explanation   RDL Debug logs: [chars]

Recommended Action   No action is required.

Error Message   LC_RDL-6-SYSLOG_RESP_RCVD: : [chars] [dec]

Explanation   RDL context error: [chars] [dec]

Recommended Action   No action is required.

LDAP Messages

LDAP-2

Error Message   LDAP-2-LDAP_PROGRAM_EXIT: LDAP daemon exiting: [chars]

Explanation   LDAP daemon is exiting.

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

LDAP-3

Error Message   LDAP-3-LDAP_ERROR_MESSAGE: [chars]

Explanation   LDAP Error Message

Recommended Action   No action is required.

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

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.

LIBBASE_SVC Messages

LIBBASE_SVC-2

Error Message   `LIBBASE_SVC-2-IT_NEXUS_MAX_INTERFACE_LIMIT_REACHED: [chars] cannot be bound for site [chars], as the interfaces reached the maximum flow limit`

   Explanation   IT Load Balancing failed

   Recommended Action   No action is required.

Error Message   `LIBBASE_SVC-2-LOG_ERR_BASE_SVC_TOM_ABORTED: SME Cluster [chars] Message Id: [hex] aborted`

   Explanation   An SME Cluster Message was aborted by the Cluster process

   Recommended Action   No action is required.

LIBBASE_SVC-4

Error Message   `LIBBASE_SVC-4-FCR_VER2_NOT_ENABLED: FCR Version2 is not enabled. May affect flows. Please enable fc-redirect version2`

   Explanation   FCR Version2 not enabled

   Recommended Action   No action is required.

LIBBASE_SVC-5

Error Message   LIBBASE_SVC-5-FLOW_NOT_ALLOWED: Flow [chars] <-

Explanation   Flow creation failed

Recommended Action   No action is required.

Error Message   LIBBASE_SVC-5-IT_NEXUS_FAILURE: [chars]. [chars] bind failure.
Reason: [chars]: [hex]

Explanation   IT Nexus bind failed

Recommended Action   No action is required.

Error Message   LIBBASE_SVC-5-IT_NEXUS_OPTIMUM_INTERFACE_LIMIT_REACHED: Interface
[chars] exceeded the optimum flow limit

Explanation   Iterface Flow Limit

Recommended Action   No action is required.

LIBGD Messages

LIBGD-2

Error Message   LIBGD-2-GD_ACCESS_FAILED: Guardian Failed to access reg for [chars]

Explanation   Guardian Access failed

Recommended Action   No action is required.

Error Message   LIBGD-2-GD_CATASTROPHIC: Guardian catastrophic failure: [chars]

Explanation   Guardian catastrophic error

Recommended Action   No action is required.

Error Message   LIBGD-2-GD_INTR: Guardian Interrupt occurred: [chars]

Explanation   Interrupt occurred on the Guardian

Recommended Action   No action is required.

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

Explanation   Guardian shutting down

Recommended Action   No action is required.

LIBGD-3

Error Message   LIBGD-3-EN_DATA_FAILED: Guardian enable port failed for inst:[dec] port:[dec]

Explanation   Guardian Enable port failed for the guardian

Recommended Action   No action is required.

LIBGD-5

Error Message   LIBGD-5-STARTING: Guardian process starting

Explanation   Guardian process is being started

Recommended Action   No action is required.

LIBGD-6

Error Message   LIBGD-6-DIS_DATA: Guardian disable port done for inst:[dec] port:[dec]

Explanation   Disabled port successfully for guardian

Recommended Action   No action is required.

Error Message   LIBGD-6-EN_PORT: Guardian enable port done for inst:[dec] port:[dec]

Explanation   Enabled port for the Guardian

Recommended Action   No action is required.

Error Message   LIBGD-6-HW_INIT: GuardianHW initialization has been done for inst: [dec] port: [dec]

Explanation   Guardian HW initializtion has been called[dec]

Recommended Action   No action is required.

LICMGR Messages

LICMGR-0

Error Message   LICMGR-0-LOG_LIC_GRACE_EXPIRED: Grace period expired for feature
[chars].

Explanation   Unlicensed feature [chars] has exceeded
itsgracetimeperiod.Applicationsusingwillbeshutdownimmediately.'

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

LICMGR-1

Error Message   LICMGR-1-LOG_LIC_LICENSE_EXPIRED: Evaluation license expired for
feature [chars].

Explanation   The named feature has exceeded
itsevaluationtimeperiod.Applicationsusingthelicensewillbeshutdownafteragraceperiod.'

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

Error Message   LICMGR-1-LOG_LIC_LICENSE_EXPIRY_WARNING_ALERT: Evaluation license
for feature [chars] will expire in [dec] days.

Explanation   Feature [chars] has very limited time for expiry. Feature will expire in [dec] days and
will be shut down.

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

Error Message   LICMGR-1-LOG_LIC_NO_LIC_ALERT: No license(s) present for feature
[chars]. Application(s) running in grace-period and will be shut down in [dec]
days.

Explanation   Feature [chars] has not been licensed. The feature will work for a grace period of [dec]
days after which application(s) using the feature will be shut down.

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

LICMGR-2

Error Message   LICMGR-2-LOG_LICAPP_EXPIRY_WARNING: Application [chars] evaluation
license [chars] expiry in [dec] days.

Explanation   Application [chars1] will exceed
itsevaluationtimeperiodin[dec]daysandwillbeshutdownafteragraceperiodunlessapermanentlicensef
orfeature[chars2]isinstalled.'

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

Error Message   LICMGR-2-LOG_LICAPP_NO_LIC: Application [chars] running without
[chars] license, shut down in [dec] days.

Explanation   Application [chars1] has not been licensed. The application will work for a grace period
of [dec] days after which it will be shut down unless a license file for feature [chars2] is installed.

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

Error Message   LICMGR-2-LOG_LIC_EXIT: License manager exiting: [chars]

Explanation   License manager exiting.

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

Error Message   LICMGR-2-LOG_LIC_INVALID_SERVER_LINE: License file [chars] contains
invalid "SERVER" line. Contact TAC

Explanation   Invalid SERVER line in license file.

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

Error Message   LICMGR-2-LOG_LIC_NO_LIC: No license(s) present for feature [chars].
Application(s) shut down in [dec] days.

Explanation   Feature [chars] has not been licensed. The feature will work for a grace period of [dec]
days after which application(s) using the feature will be shut down.

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

Error Message   LICMGR-2-LOG_LIC_NVRAM_DISABLED: Licensing NVRAM is not available. Grace period will be disabled: [chars]

Explanation   The Supervisor NVRAM block may have a hardware problem and may need to be replaced

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

Error Message   LICMGR-2-LOG_LIC_USAGE: Feature [chars] is using [dec] licenses, only [dec] licenses are installed. Please make sure enough licenses are installed for the VEMs

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   Licensing

Error Message   LICMGR-2-LOG_LIC_VENDOR_DOWN: License file contains invalid "SERVER" line. Vendor daemon down

Explanation   Vendor daemon is down

Recommended Action   Licensing

LICMGR-3

Error Message   LICMGR-3-LOG_LIC_CHECKOUT_FAIL_BAD_CLOCK: License checkout failed for feature [chars]([chars]) because system clock has been set back. Please set the clock to the correct value.

Explanation   License checkout failed for feature [chars]([chars]) because system clock has been set back. Please set the clock to the correct value.

Recommended Action   No action is required.

Error Message   LICMGR-3-LOG_LIC_FILE_MISSING: License file(s) missing for feature [chars].

Explanation   One or more license files for feature [chars] are missing and must be reinstalled.

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

Error Message   LICMGR-3-LOG_LIC_INVALID_HOSTID: Invalid license hostid VDH=[chars] for feature [chars].

Explanation   Feature [chars2] has a license with an invalid license hostid VDH=[chars1]. This can occur if a supervisor card with licensed features for one switch is installed on another switch.

Recommended Action   No action is required.

Error Message   LICMGR-3-LOG_LIC_MESSAGE_ERROR: could not handle message: [chars] of type [dec] from addr [dec]:[dec].

Explanation   Could not handle a IPC message [chars] of type [dec1] sent by a component running on node [dec2] with sap [dec3].

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

Error Message   LICMGR-3-LOG_LIC_SERVER_DOWN: License Server Down [dec]

Explanation   A connection to the license server was lost.

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

Error Message   LICMGR-3-LOG_LIC_SPROM_LIC: Feature [chars] issued [dec] licenses without a valid license file.

Explanation   Feature [chars] has been licensed [dec] times without a valid license file. This means one or more license files are missing for feature [chars] and must be reinstalled.

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

Error Message   LICMGR-3-LOG_LIC_TOO_MANY_LIC: Only [dec] licenses are supported for [chars] feature, where as [dec] licenses are installed.

Explanation   More licenses are installed than allowed.

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

LICMGR-4

Error Message   LICMGR-4-LOG_LIC_LICENSE_EXPIRY_WARNING: Evaluation license for feature [chars] will expire in [dec] days.

Explanation   Feature [chars] will exceed itsevaluationtimeperiodin[dec]daysandwillbeshutdown.'

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

LICMGR-6

Error Message   LICMGR-6-LOG_CHECKPOINT_CREATED: auto checkpoint [chars] created during license expiry.

Explanation   When a license expires, auto checkpoint is created to prevent configuration loss.

Recommended Action   Rollback can be done to the created checkpoint when a new license is installed.

Error Message   LICMGR-6-LOG_LIC_FEATURE_CLEARED: Cleared [dec] license(s) for
feature [chars].

   Explanation   Uninstalled [dec] license(s) for feature [chars].

   Recommended Action   Use the showlicenseusage'commandtoverifythislicensefeatureremoval.'

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 showlicenseusage'commandtoverifythislicensefeatureinstallation.'

Error Message   LICMGR-6-LOG_LIC_LICENSE_CLEARED_ALL: Cleared all licenses.

   Explanation   Cleared all license files.

   Recommended Action   No action is required.

Error Message   LICMGR-6-LOG_LIC_LICENSE_CLEARED: Cleared license file [chars].

   Explanation   Uninstalled the named license file.

   Recommended Action   Use the showlicense'commandtoverifythislicenseremoval.'

Error Message   LICMGR-6-LOG_LIC_LICENSE_INSTALLED: Installed license file [chars].

   Explanation   Installed the named license file.

   Recommended Action   Use the showlicense'commandtoverifythislicenseinstallation.'

LIM Messages

LIM-2

Error Message   LIM-2-IF_CRITICAL_FAILURE: (Debug syslog)Critical failure: [chars],
[chars]

   Explanation   There was a critical failure in the component.

   Recommended Action   Please follow instructions on the syslog.

Error Message   LIM-2-IF_DOWN_ERROR_DISABLED: Interface [chars] is down (Error
disabled. Reason:[chars])

Explanation   The interface encountered an error while configuring it

Recommended Action   Collect more information about failed interface using command
showportinternalallinterface[char]'.Inmostcases,youcanrecoverusinga'shutdown'followeda'noshutd
own'ontheinterfaceorremovingandre-insertingthefibreopticcable.'

Error Message   LIM-2-IF_DOWN_LINK_FAILURE_CRIT: Interface [chars] is down (Link
failure)

Explanation   The physical link has gone down

Recommended Action   Ensure that the cable is connected and the remote end is not shut down

Error Message   LIM-2-SEQ_TIMEOUT: Component [chars] timed out on response to opcode
[chars] ([chars])

Explanation   Some component did not respond to a request in stipulated time.

Recommended Action   None

Error Message   LIM-2-SYSLOG_LIM_CRITICAL: Critical failure: [chars]

Explanation   There was a critical failure in the component.

Recommended Action   Please collect system tech-support

LIM-3

Error Message   LIM-3-IF_DOWN_CHANNEL_ERR_DISABLED: Interface [chars] is down
(Channel error disabled)

Explanation   This interface belongs to a PortChannel and the PortChannel is error disabled

Recommended Action   Perform shut'and'noshutdown'onthePortChannelinterfacethatitbelongsto'

Error Message   LIM-3-IF_ERROR_VLANS_REMOVED: VLANs [chars] on Interface [chars] are
removed from suspended state.

Explanation   The VLANs on an interface are being removed from the suspended state

Recommended Action   No action is required.

Error Message   LIM-3-IF_ERROR_VLANS_SUSPENDED: VLANs [chars] on Interface [chars]
are being suspended. (Reason: [chars])

> **Explanation**   The VLANs on an interface are being suspended due to some protocol action
>
> **Recommended Action**   No action is required.

Error Message   LIM-3-IF_SFP_ALARM: Interface [chars], [chars]

> **Explanation**   There was an alarm on the transceiver module
>
> **Recommended Action**   Please do show interface transceiver details to obtain more information

Error Message   LIM-3-IF_SFP_ERROR: Interface [chars], [chars]

> **Explanation**   There was an error on the transceiver module
>
> **Recommended Action**   Please do show interface transceiver details to obtain more information

Error Message   LIM-3-IF_UNSUPPORTED_TRANSCEIVER: Transceiver on interface [chars]
is not supported

> **Explanation**   The transceiver for the interface specified in the error message is not a Cisco supported
> module
>
> **Recommended Action**   Replace the module with a compatible transceiver. If the transceiver was
> purchased from Cisco, please contact Cisco TAC to get the transceiver replaced

Error Message   LIM-3-IF_XCVR_ALARM: Interface [chars], [chars]

> **Explanation**   There was an alarm on the transceiver module
>
> **Recommended Action**   Please do show interface transceiver details to obtain more information

Error Message   LIM-3-IF_XCVR_ERROR: Interface [chars], [chars]

> **Explanation**   There was an error on the transceiver module
>
> **Recommended Action**   Please do show interface transceiver details to obtain more information

LIM-4

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

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

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

Error Message   `LIM-4-IF_SFP_WARNING: Interface [chars], [chars]`

Explanation   There was an warning on the transceiver module

Recommended Action   Please do show interface transceiver details to obtain more information

Error Message   `LIM-4-IF_XCVR_WARNING: Interface [chars], [chars]`

Explanation   There was an warning on the transceiver module

Recommended Action   Please do show interface transceiver details to obtain more information

LIM-5

Error Message   `LIM-5-IF_ADMIN_UP: Interface [chars] is admin up [chars]`

Explanation   Interface is admin up

Recommended Action   No action is required.

Error Message   `LIM-5-IF_BANDWIDTH_CHANGE: Interface [chars],bandwidth changed to [chars] Kbit`

Explanation   Bandwidth of the interface (port channel) has changed and this change is updated

Recommended Action   No action is required.

Error Message   `LIM-5-IF_DOWN_ADMIN_DOWN: Interface [chars] is down (Administratively down)`

Explanation   Interface has been configured to be administratively down

Recommended Action   Perform noshutdown"

Error Message   `LIM-5-IF_DOWN_CFG_CHANGE: Interface [chars] is down(Config change)`

Explanation   FCIP interface temporarily down due to reconfiguration

Recommended Action   No action is required.

Error Message   `LIM-5-IF_DOWN_CHANNEL_ADMIN_DOWN: Interface [chars] is down (Channel admin down)`

Explanation   This interface belongs to a PortChannel and the PortChannel is configured to be administratively down

Recommended Action   Perform noshutdown'onthePortChannelinterfacethatitbelongsto'

Error Message   `LIM-5-IF_DOWN_CHANNEL_MEMBERSHIP_UPDATE_IN_PROGRESS: Interface [chars] is down (Channel membership update in progress)`

Explanation   The interface belongs to a PortChannel and a configuration is being attempted on the interface while there is a configuration in progress on the PortChannel

Recommended Action   Retry the configuration again

Error Message   `LIM-5-IF_DOWN_DOMAIN_ADDR_ASSIGN_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to domain id assignment failure)`

Explanation   Isolated due to a failure while assigning a domain

Recommended Action   No action is required.

Error Message   `LIM-5-IF_DOWN_DOMAIN_INVALID_RCF_RECEIVED: Interface [chars] is down (Isolation due to invalid fabric reconfiguration)`

Explanation   Invalid RCF received

Recommended Action   No action is required.

Error Message   `LIM-5-IF_DOWN_DOMAIN_MANAGER_DISABLED: Interface [chars] is down (Isolation due to domain manager disabled)`

Explanation   Isolated due to domain manager being disabled

Recommended Action   No action is required.

Error Message   `LIM-5-IF_DOWN_DOMAIN_MAX_RETRANSMISSION_FAILURE: Interface [chars] is down (Isolation due to domain manager other side not responding)`

Explanation   Remote end domain manager not responding

Recommended Action   No action is required.

Error Message   LIM-5-IF_DOWN_DOMAIN_OTHER_SIDE_EPORT_ISOLATED: Interface [chars] is
down (Isolation due to domain other side eport isolated)

Explanation   Isolating this interface due to the remote end being isolated

Recommended Action   No action is required.

Error Message   LIM-5-IF_DOWN_DOMAIN_OVERLAP_ISOLATION: Interface [chars] is down
(Isolation due to domain overlap)

Explanation   Isolated due to domain overlap

Recommended Action   No action is required.

Error Message   LIM-5-IF_DOWN_ELP_FAILURE_ISOLATION: Interface [chars] is down
(Isolation due to ELP failure)

Explanation   ELP failed on the interface

Recommended Action   Check the output of showportinternalinfo'inthe'ELPfailurereason'field'

Error Message   LIM-5-IF_DOWN_EPP_FAILURE: Interface [chars] is down (Error Disabled
- EPP Failure)

Explanation   Trunk protocol failed

Recommended Action
showportinternalevent-historymsgs'willindicatethetrunkprotocolexchangestodeterminewhyitfailed'

Error Message   LIM-5-IF_DOWN_ESC_FAILURE_ISOLATION: Interface [chars] is down
(Isolation due to ESC failure)

Explanation   ESC failed on the interface

Recommended Action   Check the output of
showportinternalevent-history'todeterminetheESCprotocolexchangestodeterminehowitfailed'

Error Message   LIM-5-IF_DOWN_ETH_IF_DOWN: Interface [chars] is down(Tunnel port src
interface down)

Explanation   Ethernet link to which the FCIP interface is bound is down

Recommended Action   Ensure that the ethernet cable is connected, the interface is administratively

Error Message `LIM-5-IF_DOWN_ETH_LINK_DOWN: Interface [chars] is down(Tunnel port src interface link down)`

Explanation Ethernet link to which the FCIP interface is bound is down

Recommended Action Ensure that the ethernet cable is connected and the remote end is also active

Error Message `LIM-5-IF_DOWN_FCOT_NOT_PRESENT: Interface [chars] is down (FCOT not present)`

Explanation The FCOT has been removed

Recommended Action Insert an FCOT

Error Message `LIM-5-IF_DOWN_FCOT_VENDOR_NOT_SUPPORTED: Interface [chars] is down (Error disabled - Fcot vendor not supported)`

Explanation Fcot inserted is not a supported one

Recommended Action Please contact customer support for a list of authorized transceiver vendors

Error Message `LIM-5-IF_DOWN_HW_FAILURE: Interface [chars] is down (Hardware Failure)`

Explanation The moduleshardwarehasfailed'

Recommended Action Collect more information about failed module using command showmoduleinternalallmodule"

Error Message `LIM-5-IF_DOWN_INACTIVE: Interface [chars] is down (Inactive)`

Explanation The port VSAN has been suspended or deleted

Recommended Action Assign a new active port VSAN to the interface

Error Message `LIM-5-IF_DOWN_INCOMPATIBLE_ADMIN_MODE: Interface [chars] is down (Error disabled - Incompatible admin port mode)`

Explanation The configured mode is not supported on this interface

Recommended Action Perform a showportinternalinfo'todeterminethelistofmodessupportedonthisinterface'

Error Message `LIM-5-IF_DOWN_INCOMPATIBLE_ADMIN_RXBBCREDIT: Interface [chars] is down (Error disabled - Incompatible admin port rxbbcredit)`

Explanation The configured receive B2B credit size is not supported

Recommended Action Get the allowed receive B2B credit size from showportinternalinfo"

Error Message   LIM-5-IF_DOWN_INCOMPATIBLE_ADMIN_RXBUFSIZE: Interface [chars] is
down (Error disabled - Incompatible admin port rxbufsize)

    Explanation   The configured receive buffer size is not supported

    Recommended Action   Get the allowed receive buffer size from showportinternalinfo"

Error Message   LIM-5-IF_DOWN_INCOMPATIBLE_ADMIN_SPEED: Interface [chars] is down
(Error disabled - Incompatible admin port speed)

    Explanation   The configured speed is not supported on this interface

    Recommended Action   Perform a
showportinternalinfo'todeterminetherangeofspeedsupportedonthisinterface'

Error Message   LIM-5-IF_DOWN_INITIALIZING: Interface [chars] is down (Initializing)

    Explanation   The interface is in the process of coming up

    Recommended Action   If the interface is stuck in this state for a while, check the output of
showportinternalevent-history'todeterminewhatitiswaitingfor'

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

    Explanation   Interface removed

    Recommended Action   No action is required.

Error Message   LIM-5-IF_DOWN_LINK_FAILURE: Interface [chars] is down (Link failure)

    Explanation   The physical link has gone down

    Recommended Action   Ensure that the cable is connected and the remote end is not shut down

Error Message   LIM-5-IF_DOWN_LOOPBACK_DIAG_FAILURE: Interface [chars] is down (Diag
failure)

    Explanation   Diag failed on the interface

    Recommended Action   Collect more information about failed interface using command
attachmodule'toconnecttomodule'

Error Message   LIM-5-IF_DOWN_LOOPBACK_ISOLATION: Interface [chars] is down
(Isolation due to port loopback to same switch)

    Explanation   The interface is looped back to another interface on the same switch

    Recommended Action   Check the connectivity of this interface and ensure that it is connected to
another switch

Error Message   LIM-5-IF_DOWN_MODULE_REMOVED: Interface [chars] is down (module
removed)

Explanation   Interface is down because the module was removed

Recommended Action   No action is required.

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

Explanation   Interface is down with a possible reason.

Recommended Action   Collect more information about port using command
showportinternalinfo/event-history'todeterminewhyitwentdown'

Error Message   LIM-5-IF_DOWN_NON_PARTICIPATING: Interface [chars] is down (Non
participating)

Explanation   The loop port has been put into non participating mode

Recommended Action   No action is required.

Error Message   LIM-5-IF_DOWN_OFFLINE: Interface [chars] is down (Offline)

Explanation   The interface has been placed into the offline state

Recommended Action   No action is required.

Error Message   LIM-5-IF_DOWN_PARENT_ADMIN_DOWN: Interface [chars] is down (Parent
interface down)

Explanation   Parent interface is down

Recommended Action   No action is required.

Error Message   LIM-5-IF_DOWN_PEER_CLOSE: Interface [chars] is down(TCP conn. closed
by peer)

Explanation   The FCIP peer connected to this interface closed the TCP connection

Recommended Action   This command will provide the peer IP address of this FCIP interface: show
interface. Check to see why the peer closed the TCP connection

Error Message   LIM-5-IF_DOWN_PEER_RESET: Interface [chars] is down(TCP conn. reset
by peer)

Explanation   TCP connection to the FCIP peer got reset

Recommended Action   The following commands will provide the IP address of the peer and the route
used connect to this FCIP peer: show interface, show ip route. Check to see why the peer reset the
TCP connection

Error Message   LIM-5-IF_DOWN_PORT_CHANNEL_MEMBERS_DOWN: Interface [chars] is down (No operational members)

Explanation   This is a PortChannel interface and all its members are operationally down

Recommended Action   Enable at least one of the PortChannelsmembers'

Error Message   LIM-5-IF_DOWN_PORT_VSAN_MISMATCH_ISOLATION: Interface [chars] is down (Isolation due to port vsan mismatch)

Explanation   Isolated due to a mismatch in the configured port VSAN of the local and remote ends

Recommended Action   Configure the port VSAN of the local and remote interfaces to be the same and perform a shutdown'anda'noshutdown''

Error Message   LIM-5-IF_DOWN_RCF_IN_PROGRESS: Interface [chars] is down (RCF in progress)

Explanation   There is an RCF in progress

Recommended Action   No action is required.

Error Message   LIM-5-IF_DOWN_SOFTWARE_FAILURE: Interface [chars] is down (Port software failure)

Explanation   The software servicing the data path on the port has failed

Recommended Action   No action is required.

Error Message   LIM-5-IF_DOWN_SRC_MOD_NOT_ONLINE: Interface [chars] is down(Tunnel source module not online)

Explanation   Module that has the tunnel source port of this FCIP interface is not fully online

Recommended Action   The module that has the tunnel src port is coming online. Please use show mod to find module status

Error Message   LIM-5-IF_DOWN_SRC_PORT_NOT_BOUND: Interface [chars] is down (Tunnel port src interface unbound)

Explanation   Tunnel port source interface unbound

Recommended Action   No action is required.

Error Message   LIM-5-IF_DOWN_SRC_PORT_REMOVED: Interface [chars] is down(Tunnel src port removed)

Explanation   Tunnel source port of this FCIP interface has been removed

Recommended Action   The src interface with ip address that matches the ip address of the bound entity is removed. This happens normally due to the module on which the src interface exists is removed

Error Message   LIM-5-IF_DOWN_SUSPENDED_BY_MODE: Interface [chars] is down (Suspended due to incompatible mode)

Explanation   This interface belongs to a PortChannel and operational mode of the interface is different from that of the PortChannel

Recommended Action   Change the mode and the trunking mode of the PortChannel from auto'andchecktoensurethattheremoteendoftheinterfacealsobelongstothesamePortChannel'

Error Message   LIM-5-IF_DOWN_SUSPENDED_BY_SPEED: Interface [chars] is down (Suspended due to incompatible speed)

Explanation   This interface belongs to a PortChannel and operational speedode of the interface is different from that of the PortChannel

Recommended Action   Change the speed of the PortChannel from auto'andchecktoensurethattheremoteendoftheinterfacealsobelongstothesamePortChannel'

Error Message   LIM-5-IF_DOWN_SUSPENDED_BY_WWN: Interface [chars] is down (Suspended due to incompatible remote switch WWN)

Explanation   This interface belongs to a PortChannel and remote switch WWN of the interface is different from that of the PortChannel

Recommended Action   Ensure that this interface is connected to the same remote switch as all the other interfaces in the PortChannel

Error Message   LIM-5-IF_DOWN_SUSPENDED: Interface [chars] is down (Suspended)

Explanation   This interface belongs to a PortChannel and has been suspended due to an error while bringing it up

Recommended Action   Perform a shutdown'anda'noshutdown'.Ifthishappensagainobtainoutputof'showportinternalinfo/event-history' ontheinterface'

Error Message   `LIM-5-IF_DOWN_TCP_KEEP_ALIVE_EXPIRED: Interface [chars] is down(TCP conn. closed - Keep alive expired)`

Explanation   TCP session to the FCIP peer got closed due to loss of TCP keep alive

Recommended Action   This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message   `LIM-5-IF_DOWN_TCP_MAX_RETRANSMIT: Interface [chars] is down(TCP conn. closed - retransmit failure)`

Explanation   Interface is down due to maximum retransmission failure

Recommended Action   This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message   `LIM-5-IF_DOWN_TCP_PERSIST_TIMER_EXPIRED: Interface [chars] is down(TCP conn. closed - Persist timer expired)`

Explanation   TCP session to the FCIP peer closed because TCP persist timer expired

Recommended Action   This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message   `LIM-5-IF_DOWN_UPGRADE_IN_PROGRESS: Interface [chars] is down (Linecard upgrade in progress)`

Explanation   Upgrade of the linecard software is in progress

Recommended Action   No action is required.

Error Message   `LIM-5-IF_DOWN_VRF_UNUSABLE: Interface [chars] is down (Vrf down)`

Explanation   The vrf for which this interface is a member is removed

Recommended Action   No action is required.

Error Message   `LIM-5-IF_DOWN_VSAN_MISMATCH_ISOLATION: Interface [chars] is down (Isolation due to vsan mismatch)`

Explanation   This is a trunking interface and the VSANs configured do not match with the VSANs configured on the remote end

Recommended Action   Check the VSANs configured on the local end with the remote end

Error Message   LIM-5-IF_DOWN_ZONE_MERGE_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to zone merge failure)

Explanation   Isolated due to a failure during zone merge

Recommended Action   No action is required.

Error Message   LIM-5-IF_DOWN_ZONE_REMOTE_NO_RESP_ISOLATION: Interface [chars] is down (Isolation due to remote zone server not responding)

Explanation   Isolated due to remote zone server not responding

Recommended Action   No action is required.

Error Message   LIM-5-IF_DUPLEX: Interface [chars], operational duplex mode changed to [chars]

Explanation   Operational duplex mode has changed when link came up

Recommended Action   No action is required.

Error Message   LIM-5-IF_ERRDIS_RECOVERY: Interface [chars] is being recovered from error disabled state (Last Reason:[chars])

Explanation   Interface is being recovered from error disabled state

Recommended Action   No action is required.

Error Message   LIM-5-IF_HARDWARE: Interface [chars], hardware type changed to [chars]

Explanation   There was a change in the hardware characteristic of an interface, such as a transceiver module plugged in or removed

Recommended Action   No action is required.

Error Message   LIM-5-IF_L2MP_MODE: Interface [chars], l2mp-mode changed to [chars]

Explanation   The l2mp-mode on the port has changed

Recommended Action   No action is required.

Error Message   LIM-5-IF_RX_FLOW_CONTROL: Interface [chars], operational Receive Flow Control state changed to [chars]

Explanation   Operational receive flow control has changed when link came up

Recommended Action   No action is required.

Error Message   LIM-5-IF_TRUNK_DOWN: Interface [chars], vlan [chars] down

Explanation   Interface [chars] is trunking, VLANs [chars] are down

Recommended Action   The following commands will help determine why this VSAN is down on this interface: show interface, show port internal info interface VSAN, show port internal event-history interface vsan

Error Message   LIM-5-IF_TRUNK_UP: Interface [chars], vlan [chars] up

Explanation   Interface [chars] is trunking, VLANs [chars] are up

Recommended Action   No action is required.

Error Message   LIM-5-IF_TX_FLOW_CONTROL: Interface [chars], operational Transmit Flow Control state changed to [chars]

Explanation   Operational transmit flow control has changed when link came up

Recommended Action   No action is required.

Error Message   LIM-5-IF_UP: Interface [chars] is up [chars]

Explanation   Interface is up in mode specified, if applicable

Recommended Action   No action is required.

Error Message   LIM-5-SPEED: Interface [chars], operational speed changed to [chars]

Explanation   Operational speed has changed when link came up

Recommended Action   No action is required.

Error Message   LIM-5-STORM_CONTROL_ABOVE_THRESHOLD: Traffic in port [chars] exceeds the configured threshold [chars]

Explanation   Traffic on specified port is beyond the configured storm-control threshold, and the excess traffic is being dropped

Recommended Action   Identify source of traffic storm

Error Message   LIM-5-STORM_CONTROL_BELOW_THRESHOLD: Traffic in port [chars] has fallen below the configured threshold [chars]

Explanation   Traffic on specified port has returned to within configured storm-control threshold

Recommended Action   No action is required.

LIT Messages

LIT-6

Error Message `LIT-6-LIT_DEBUG_MSG: [chars]`

    Explanation Debug log message

    Recommended Action No action is required.

LLDP Messages

LLDP-1

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

    Explanation No Acks Received

    Recommended Action No action is required.

LLDP-3

Error Message `LLDP-3-DETECT_MULTIPLE_PEERS: Multiple peers detected on [chars]`

    Explanation Multiple peers detected on an interface

    Recommended Action No action is required.

Error Message `LLDP-3-INVALID_DCBXP_RECEIVED: Received an invalid DCBXP on [chars]`

    Explanation Received an invalid DCBXP on an interface

    Recommended Action No action is required.

Error Message `LLDP-3-INVALID_LLDP_RECEIVED: Received an invalid LLDP on [chars]`

    Explanation Received an invalid LLDP on an interface

    Recommended Action No action is required.

Error Message   LLDP-3-LLDP_INTERNAL_ERROR: LLDP internal error: [chars]

Explanation   Internal error is encountered

Recommended Action   No action is required.

LLDP-5

Error Message   LLDP-5-LLDP_DISABLED: LLDP Disabled

Explanation   LLDP Service Disabled

Recommended Action   No action is required.

Error Message   LLDP-5-LLDP_ENABLED: LLDP Enabled

Explanation   LLDP Service Enabled

Recommended Action   No action is required.

Error Message   LLDP-5-SERVER_ADDED: Server with Chassis ID [chars] Port ID [chars] management address [chars] discovered on local port [chars] in vlan [dec] with enabled capability [chars]

Explanation   A new peer is discovered

Recommended Action   No action is required.

Error Message   LLDP-5-SERVER_REMOVED: Server with Chassis ID [chars] Port ID [chars] on local port [chars] has been removed

Explanation   A peer is removed

Recommended Action   No action is required.

LLDP-6

Error Message   LLDP-6-DETECT_REMOTE_CHANGE: Remote change detected on [chars]

Explanation   Remote change detected on an interface

Recommended Action   No action is required.

Error Message   LLDP-6-DETECT_REMOTE_DCBXP_CHANGE: Remote DCBXP change detected on [chars]

Explanation   Remote DCBXP change detected on an interface

Recommended Action   No action is required.

MAC Messages

MAC-SLOT#-2

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

Explanation   MAC Informational message

Recommended Action   No action is required.

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-BAD_MSG: Received bad message: [chars]

Explanation   Mcast has received a malformed/unrecognized message

Recommended Action   No action is required.

Error Message   MCAST-5-START: Process has been started

Explanation   Mcast has been started

Recommended Action   No action is required.

MCECTEST Messages

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

MCM-2

Error Message   `MCM-2-MCM_CRITICAL_ERROR: Internal Critical Error`

Explanation   Some critical error

Recommended Action   No action is required.

Error Message   `MCM-2-MCM_REPLICATION_DISABLED: Proxy layer-3 modules are not available for replication. Proxy layer-3 multicast replication is disabled.`

Explanation   Replication is disabled

Recommended Action   No action is required.

Error Message   `MCM-2-MCM_REQ_RESP_ERROR: Error ([hex]: [chars]) while communicating with component :[chars], opcode: [chars] (for: [chars])`

Explanation   Error in request-response handshake

Recommended Action   No action is required.

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

    Explanation   Routing is disabled

    Recommended Action   No action is required.

MCM-5

Error Message   MCM-5-MCM_SDB_UPDATE_FAILED: sdb update failed with ret_val [dec]

    Explanation   SDB updated failed for MCM

    Recommended Action   No action is required.

MCM-6

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

    Explanation   Replication is enabled

    Recommended Action   No action is required.

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

    Explanation   Routing is enabled

    Recommended Action   No action is required.

MFDM Messages

MFDM-2

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

    Explanation   PIXM returned duplicate DI.

    Recommended Action   No action is required.

Error Message   MFDM-2-DOWNLOAD_TIMEOUT: Download of L2/L3 route databases timed out
: download_in_progress_slots [hex] for database [chars] [chars] [chars]

Explanation   Download of L2/L3 route databases timed out. Download triggered by VMM insert
request.

Recommended Action   No action is required.

Error Message   MFDM-2-INTERNAL_ERROR: MFDM-[chars] Internal error : show system
internal mfdm errors for more information

Explanation   MFDM PD hit a internal error. show system internal mfdm errors for futher analysis.

Recommended Action   No action is required.

Error Message   MFDM-2-REF_OUTOFSYNC: In Decrement ltl_node ref_count: [dec] is less
than count: [dec] passed in for DI: [hex], oiflist_index: [dec], type: [dec].
Possible PI/PD refcount out-of-sync. Please collect show tech-support forwarding
distribution l2/l3 multicast and show tech-support pixm.

Explanation   MFDM PI/PD refcount out-of-sync

Recommended Action   No action is required.

Error Message   MFDM-2-XID_TAMPERED: Correcting xid in resp - rrtoken:[hex],
req(xid:[dec], rt_cnt:[dec], msg_len:[dec], flag:[dec]), resp(xid:[dec],
rt_cnt:[dec], msg_len:[dec], flag:[dec])

Explanation   MFDM tampered xid in OTV response payload

Recommended Action   No action is required.

MODULE Messages

MODULE-2

Error Message   MODULE-2-LCM_PRE_UPGRADE_GENERAL_FAIL: Pre upgrade message fails seq
[dec]

Explanation   Pre upgrade message failed.

Recommended Action   No action is required.

Error Message   MODULE-2-LCM_UPGRADE_DONE_GENERAL_FAIL: Upgrade done message fails
SAP [chars]

Explanation   Upgrade ready message failed.

Recommended Action   No action is required.

Error Message   MODULE-2-LCM_UPGRADE_OVER_FAIL: Upgrade over message returned [dec] [hex] for SAP [dec]

Explanation   Upgrade done message failed.

Recommended Action   No action is required.

Error Message   MODULE-2-LCM_UPGRADE_READY_FAIL: Upgrade ready message returned [dec] [hex] for SAP [dec]

Explanation   Upgrade ready message failed.

Recommended Action   No action is required.

Error Message   MODULE-2-LCM_UPGRADE_READY_GENERAL_FAIL: Upgrade ready message fails SAP [chars]

Explanation   Upgrade ready message failed.

Recommended Action   No action is required.

Error Message   MODULE-2-MOD_DIAG_FAIL: Module [dec] (Serial number: [chars]) reported failure [chars] due to [chars] in device [chars] (device error [hex])

Explanation   The module in slot [decimal digit] reported a failure in the runtime diagnostic. Module manager is going to power cycle the module.

Recommended Action   Collect information about the module by issuing the command showmoduleinternalallmodule[decimaldigit]'.'

Error Message   MODULE-2-MOD_DNLD_FAIL: Image download failed for module [dec] (Serial number: [chars])

Explanation   Module [decimal digit] failed to download a new image from the supervisor.

Recommended Action   Collect information about the module by issuing the command showmoduleinternalallmodule[decimaldigit]'.'

Error Message   MODULE-2-MOD_FAILURE: Re-initializing module [dec] (Serial number: [chars]) failed. Received lc_failed from sap [hex] failure reason [hex]

Explanation   Module [decimal digit] reported a failure during the initialization phase and will be rebooted.

Recommended Action   Collect information about the module by issuing the commands showmodule_internalallmodule<modulenumber

Error Message   `MODULE-2-MOD_FAIL: Initialization of module [dec] (Serial number: [chars]) failed`

Explanation   Module [decimal digit] reported a failure during the initialization phase and will be powered down.

Recommended Action   Collect information about the module by issuing the commands showmodule_internalallmodule<modulenumber

Error Message   `MODULE-2-MOD_MAJORSWFAIL: Module [dec] (Serial number: [chars]) reported a critical failure in service [chars]`

Explanation   A critical failure in service [string] happened at module [decimal digit] is going to reset the module [decimal digit].

Recommended Action   Collect information about the module by issuing the command showmoduleinternalallmodule[decimaldigit]'.'

Error Message   `MODULE-2-MOD_MINORSWFAIL: Module [dec] (Serial number: [chars]) reported a failure in service [chars]`

Explanation   A non-critical failure in service [string] happened at module [decimal digit] is not going to reset the module [decimal digit].

Recommended Action   Collect information about the module by issuing the command showmoduleinternalallmodule[decimaldigit]'.'

Error Message   `MODULE-2-MOD_NOT_ALIVE: Module [dec] not responding... resetting (Serial number: [chars])`

Explanation   Module [decimal digit] is not replying to the hello message: module manager is then going to reset the module.

Recommended Action   No action is required.

Error Message   `MODULE-2-MOD_REGFAILED: Registration failed for module [dec]`

Explanation   Module [decimal digit] sent the registration message notifying a failure.

Recommended Action   Collect module internal information by issuing the command showmoduleinternalallmodule[decimaldigit]'.'

Error Message   `MODULE-2-MOD_SOMEPORTS_FAILED: Module [dec] (Serial number: [chars]) reported failure on ports [dec]/[dec]-[dec]/[dec] ([chars]) due to [chars] in device [chars] (error [hex])`

Explanation   Module [decimal digit] reported a failure in the runtime diagnostic due to failure in some of the ports.

Recommended Action   Collect information about the module by issuing the command showmoduleinternalallmodule[decimaldigit]'.'

Error Message   MODULE-2-MOD_UNKNOWN: Module type [[dec]] in slot [dec] is not supported

Explanation   The software card id of module [decimal digit] is not supported by the supervisor.

Recommended Action   Collect information about the module by issuing the commands showmoduleinternalallmodule[decimaldigit]"

Error Message   MODULE-2-XBAR_DIAG_FAIL: Xbar [dec] (Serial number: [chars]) reported failure [chars] due to [chars] in device [chars] (device error [hex])

Explanation   The xbar in slot [decimal digit] reported a failure in the runtime diagnostic. Module manager is going to power cycle the module.

Recommended Action   Collect information about the module by issuing the command showmoduleinternalallxbar[decimaldigit]'.'

Error Message   MODULE-2-XBAR_FAILURE: Re-initializing xbar [dec] (Serial number: [chars]) failed. Received lc_failed from sap [hex] failure reason [hex]

Explanation   Xbar [decimal digit] reported a failure during the initialization phase and will be rebooted.

Recommended Action   Collect information about the module by issuing the commands showmodule_internalallxbar<modulenumber

Error Message   MODULE-2-XBAR_FAIL: Initialization of xbar [dec] (Serial number: [chars]) failed

Explanation   Xbar [decimal digit] reported a failure during the initialization phase and will be powered down.

Recommended Action   Collect information about the module by issuing the commands showmodule_internalallxbar<modulenumber

Error Message   MODULE-2-XBAR_SOMEPORTS_FAILED: Xbar [dec] (Serial number: [chars]) reported failure on ports [dec]/[dec]-[dec]/[dec] ([chars]) due to [chars] in device [chars] (error [hex])

Explanation   Xbar [decimal digit] reported a failure in the runtime diagnostic due to failure in some of the ports.

Recommended Action   Collect information about the module by issuing the command showmoduleinternalallxbar[decimaldigit]'.'

Error Message   MODULE-2-XBAR_UNKNOWN: Xbar type [[dec]] in slot [dec] is not
supported

Explanation   The software card id of xbar [decimal digit] is not supported by the supervisor.

Recommended Action   Collect information about the module by issuing the commands
showmoduleinternalallxbar[decimaldigit]"

MODULE-3

Error Message   MODULE-3-LCM_SEQ_ERROR: Error ([chars]) for slot:[dec] while
communicating with component [chars] opcode:[chars] (for:[dec])

Explanation   LCM encountered an error while executing a sequence for a module.

Recommended Action   No action is required.

Error Message   MODULE-3-LCM_SYSLOG_ERR: [chars]

Explanation   LCM encountered an error while processing a message for module.

Recommended Action   No action is required.

Error Message   MODULE-3-MOD_SRG_NOT_COMPATIBLE: Module [dec] (Serial number:
[chars]) firmware is not compatible with supervisor, downloading new image

Explanation   The software version of module [decimal digit] is not supported by the supervisor.

Recommended Action   Collect information about the module by issuing the command
showmoduleinternalallmodule[decimaldigit]'.'

MODULE-4

Error Message   MODULE-4-MOD_WARNING: Module [dec] (Serial number: [chars]) reported
warning [chars] due to [chars] in device [chars] (device error [hex])

Explanation   Module [decimal digit] reported a warning in the runtime diagnostic due to failure in
some of the ports.

Recommended Action   Collect information about the module by issuing the command
showmoduleinternalallmodule[decimaldigit]'.'

Error Message `MODULE-4-XBAR_WARNING: Xbar [dec] (Serial number: [chars]) reported warning [chars] due to [chars] in device [chars] (device error [hex])`

Explanation Xbar [decimal digit] reported a warning in the runtime diagnostic due to failure in some of the ports.

Recommended Action Collect information about the module by issuing the command showmoduleinternalallxbar[decimaldigit]'.'

MODULE-5

Error Message `MODULE-5-ACTIVE_SUP_OK: Supervisor [dec] is active (Serial number: [chars])`

Explanation Module [decimal digit] is ready to be configured and be able to switch traffic.

Recommended Action No action is required.

Error Message `MODULE-5-LCM_MODULE_UPGRADE_END: Upgrade of module [dec] ended`

Explanation Upgrade of the module has ended.

Recommended Action No action is required.

Error Message `MODULE-5-LCM_MODULE_UPGRADE_START: Upgrade of module [dec] started`

Explanation Upgrade of the module has been started by installer

Recommended Action No action is required.

Error Message `MODULE-5-MOD_OK: Module [dec] is online (Serial number: [chars])`

Explanation Module [decimal digit] is ready to be configured and be able to switch traffic.

Recommended Action No action is required.

Error Message `MODULE-5-MOD_REINIT: Re-initializing module [dec] (Serial number: [chars])`

Explanation Module [decimal digit] reported a failure during the initialization phase and will be rebooted.

Recommended Action Collect information about the module by issuing the commands showmodule_internalallmodule<modulenumber

Error Message   MODULE-5-MOD_RESTART: Module [dec] is restarting after image download

Explanation   Module [decimal digit] completed image download and is restarting.

Recommended Action   No action is required.

Error Message   MODULE-5-MOD_STARTUP_CFG_MISMATCH: The startup configuration cannot be applied to a different module type for module [dec] (Serial number: [chars]). [chars] module is replacing [chars].

Explanation   The startup configuration for module [decimal digit] contains information about a different type of module instead of containing information about the current one.

Recommended Action   No action is required.

Error Message   MODULE-5-STANDBY_SUP_OK: Supervisor [dec] is standby

Explanation   Module [decimal digit] is ready to be configured and be able to switch traffic.

Recommended Action   No action is required.

Error Message   MODULE-5-XBAR_OK: Xbar [dec] is online (Serial number: [chars])

Explanation   Xbar [decimal digit] is ready to be configured and be able to switch traffic.

Recommended Action   No action is required.

Error Message   MODULE-5-XBAR_REINIT: Re-initializing xbar [dec] (Serial number: [chars])

Explanation   Xbar [decimal digit] reported a failure during the initialization phase and will be rebooted.

Recommended Action   Collect information about the module by issuing the commands showmodule_internalallxbar<modulenumber

MODULE-6

Error Message   MODULE-6-MOD_PURGE_CONFIG: Purging the configuration for module [dec]

Explanation   Notification is being sent to remove the module configurations.

Recommended Action   No action is required.

Error Message   MODULE-6-MOD_REG_OK: Registration succeeded for module [dec]

Explanation   Module [decimal digit] sent a successful registration message.

Recommended Action   No action is required.

MONITOR Messages

MONITOR-3

Error Message   MONITOR-3-ETH_SPAN_CFG_DEST_IF_MEMBER_SRC_PROFILE: ERROR: Interface [[chars]] configured in session [[dec]] and being inherited by port profile [[chars]] in another session

Explanation   An interface is configured as destination and source at the same time (one as being inherited by a port-profile and the other as being directly configured as a source/destination of a session. This may result of monitor traffic loss in the interface. Please remove the interface from the port profile or from the monitor session.

Recommended Action   No action is required.

MONITOR-5

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

Explanation   A new span session has been created.

Recommended Action   No action is required.

Error Message   MONITOR-5-ETH_SPAN_SESSION_DELETED: Session [dec] deleted

Explanation   Session has been deleted.

Recommended Action   No action is required.

Error Message   MONITOR-5-ETH_SPAN_SESSION_DOWN: Session [dec] is down. Reason "[chars]"

Explanation   Session is down, no further traffic will be spanned.

Recommended Action   No action is required.

Error Message   `MONITOR-5-ETH_SPAN_SESSION_ERROR: Session [dec] is having error. Reason "[chars]"`

Explanation   The session is experiencing a problem.

Recommended Action   Delete the session and try to reconfigure it

Error Message   `MONITOR-5-ETH_SPAN_SESSION_UP: Session [dec] is up.`

Explanation   Session is up now. You can monitor Spanned traffic at the destination ports

Recommended Action   No action is required.

NFM Messages

NFM-2

Error Message   `NFM-2-COMMIT_FAIL: Commit failed: client [hex], [chars]`

Explanation   The DDB commit failed

Recommended Action   No action is required.

Error Message   `NFM-2-DDB_FAILURE: DDB failure: [chars]`

Explanation   A DDB generated failure

Recommended Action   No action is required.

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

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

Recommended Action   No action is required.

Error Message   `NFM-2-INIT_FAIL: NFM Service Init failed: [chars] error [hex]`

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

Recommended Action   No action is required.

Error Message   NFM-2-MALLOC_ERROR: Function [chars]: Size [dec] bytes

Explanation   The NFM service could not allocate memory.

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

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

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

Recommended Action   No action is required.

Error Message   NFM-2-VERIFY_FAIL: Verify failed - Client [hex], Reason: [chars], Interface: [chars]

Explanation   The DDB Verify failed

Recommended Action   No action is required.

NFM-3

Error Message   NFM-3-DDB_ERROR: DDB error: [chars]

Explanation   The DDB generated error

Recommended Action   No action is required.

Error Message   NFM-3-FEATURE_MANAGER_ERROR: [chars]: An error occurred processing a Feature Manager msg - error [chars]

Explanation   An error occurred while processing a message from FEATURE Manager

Recommended Action   No action is required.

Error Message   NFM-3-HANDLE_IN_USE: [chars]: name: [chars]

Explanation   The NFM service encountered a handle that was in use while reading a persistent storage database.

Recommended Action   No action is required.

Error Message   NFM-3-INVALID_HANDLE: [chars]: handle =[hex]

Explanation   The NFM service encountered an invalid handle in a persistent storage database.

Recommended Action   No action is required.

Error Message   NFM-3-MONITOR_NOT_FOUND: Monitor with handle [hex] from source [hex]

Explanation   An Export Msg from a Linecard contained an invalid Monitor handle

Recommended Action   No action is required.

Error Message   NFM-3-MTS_ERROR: NFM encountered the following MTS error: [chars]

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

Recommended Action   No action is required.

Error Message   NFM-3-NFM_CONFIG_ERROR: [chars]

Explanation   L2 Netflow config is applied on Port-channel with F1 Line Cards only - error

Recommended Action   No action is required.

Error Message   NFM-3-NFM_DDB_ERROR: DDB error: [chars]

Explanation   The DDB generated error

Recommended Action   No action is required.

Error Message   NFM-3-PSS_CORRUPTED: [chars] PSS found corrupted

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

Recommended Action   No action is required.

Error Message   NFM-3-VLAN_PARSE_ERROR: [chars]: An error occurred processing a VLAN Mgr Parse msg [hex]

Explanation   An error occurred while processing a message from VLAN Manager

Recommended Action   No action is required.

NFM-4

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

Explanation   The DDB generated warning

Recommended Action   No action is required.

Error Message   NFM-4-LICENSE_EXPIRED: The License has expired.

Explanation   The NFM service requires a License to run and exits when the License expires.

Recommended Action   No action is required.

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

Explanation   The DDB generated warning

Recommended Action   No action is required.

Error Message   NFM-4-PSS_VERSION_MISMATCH: PSS [dec] Code [dec]

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

Recommended Action   No action is required.

NFM-5

Error Message   NFM-5-FEATURE_DISABLED: NetFlow Disabled.

Explanation   NetFlow Feature Disabled.

Recommended Action   No action is required.

Error Message   NFM-5-FEATURE_ENABLED: NetFlow Enabled.

Explanation   NetFlow Feature Enabled.

Recommended Action   No action is required.

NFM-6

Error Message   NFM-6-BECAME_ACTIVE: Became ACTIVE from standby mode

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

Recommended Action   No action is required.

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

Explanation   The NFM service became standby from active mode.

Recommended Action   No action is required.

Error Message   NFM-6-DDB_NOTIF: DDB notification: [chars]

Explanation   The DDB generated notification

Recommended Action   No action is required.

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

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

Recommended Action   No action is required.

Error Message   NFM-6-NFM_DDB_NOTIF: DDB notification: [chars]

Explanation   The DDB generated notification

Recommended Action   No action is required.

Error Message   NFM-6-SERVICE_UP: Initialized [chars]

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

Recommended Action   No action is required.

Error Message   NFM-6-SRV_EXIT: NFM Service shutting down gracefully

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

Recommended Action   No action is required.

Error Message   NFM-6-SWITCH_OVER: Switching Over to other Sup.

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

Recommended Action   No action is required.

NFM-7

Error Message   NFM-7-DEBUG: [chars]

Explanation   Debug information is being sent to syslog

Recommended Action   No action is required.

NFP Messages

NFP-SLOT#-2

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

Explanation   Acl error

Recommended Action   No DDTS.

Error Message   NFP-SLOT#-2-NF_DDB_ERR: [chars]([dec]): ddb error.[chars] [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 occured

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

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

Explanation   Fib error

Recommended Action   No DDTS.

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

Explanation   Nde error

Recommended Action   No DDTS.

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

Explanation   Nfm error

Recommended Action   No DDTS.

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

Explanation   Qos error

Recommended Action   No DDTS.

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.

NPC Messages

NPC-SLOT#-3

Error Message   NPC-SLOT#-3-LOG_NPC_ERR: Nonrecoverable error: [chars]

Explanation   Errors which cause program to exit occurred

Recommended Action   No action is required.

NPC-SLOT#-4

Error Message   NPC-SLOT#-4-LOG_NPC_WARNING: Serious error: [chars]

Explanation   Serious errors which affect all normal operations occurred

Recommended Action   No action is required.

NPC-SLOT#-5

Error Message   NPC-SLOT#-5-LOG_NPC_DEBUG: Unexpected error: [chars]

Explanation   Unexpected errors which affect some normal operations occurred

Recommended Action   No action is required.

Error Message   NPC-SLOT#-5-LOG_NPC_NVP_FSM: Illegal event received: [chars]

Explanation   Illegal event received in NPC_NVP FSM

Recommended Action   No action is required.

Error Message   `NPC-SLOT#-5-LOG_NPC_VSAN_FSM: Illegal event received: [chars]`

Explanation   Illegal event received in NPC_VSAN FSM

Recommended Action   No action is required.

NPV Messages

NPV-2

Error Message   `NPV-2-CFS_PEER_LOST_WITHIN_SESSION: CFS peer with switch wwn [chars]`
`was lost in the middle of an active CFS session. Abort the CFS session and re-enter`
`the configuration changes`

Explanation   Due to port flaps, link outages, switch restart etc. a CFS peer switch of NPV was lost. The current configuration changes would not be applied to this peer until the peer merges with this switch. The CFS merge may fail if the configuration at the lost peer conflicts with the changes made in this session. It is recommended that the user abort this CFS session using ivr abort command and then re-enter the configuration changes.

Recommended Action   No action is required.

Error Message   `NPV-2-NPV_DISABLE_FAILED: NPV could not disabled : [chars] [chars]`

Explanation   NPM could not disabled due to the reason specified. Please try again.

Recommended Action   No action is required.

Error Message   `NPV-2-NPV_ENABLE_FAILED: NPV could not enabled : [chars] [chars]`

Explanation   NPM could not enabled due to the reason specified. Please try again.

Recommended Action   No action is required.

Error Message   `NPV-2-NPV_EXITED: NPV process exited in file [chars] at Line`
`[chars]:[chars]`

Explanation   NPM process encountered a critical error as specified, and so NPV process cannot continue.

Recommended Action   No action is required.

NPV-3

Error Message   NPV-3-ACL_UPDATE_FAILED: [chars]

Explanation   ACL update request initiated by the NPV process has failed

Recommended Action   No action is required.

Error Message   NPV-3-CFS_INVALID_PAYLOAD_RECEIVED: NPV received invalid payload from CFS

Explanation   NPV process received invalid payload from CFS.

Recommended Action   No action is required.

Error Message   NPV-3-CLEAR_FAILED: [chars]

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

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

Error Message   NPV-3-COMMIT_FAILED: [chars]

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

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

Error Message   NPV-3-COMMIT_PARTIALLY_FAILED: [chars]

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

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

Error Message   NPV-3-COMMIT_REJECTED: [chars]

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

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

Error Message   NPV-3-FC2_SEND_FAILED: [chars]

Explanation   NPV process could send an FC2 message.

Recommended Action   No action is required.

Error Message   NPV-3-F_RJT_SENT: [chars]

Explanation   NPV process sent an F_RJT frame.

Recommended Action   No action is required.

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

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

Recommended Action   No action is required.

Error Message   NPV-3-LCP_PROGRAMMING_FAILED: [chars]

Explanation   LCP programming request initiated by the NPV process has failed

Recommended Action   No action is required.

Error Message   NPV-3-LOCK_FAILED: [chars]

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

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

Error Message   NPV-3-LS_RJT_RCVD: [chars]

Explanation   NPV process received an LS_RJT frame.

Recommended Action   No action is required.

Error Message   NPV-3-LS_RJT_SENT: [chars]

Explanation   NPV process sent an LS_RJT frame.

Recommended Action   No action is required.

Error Message   NPV-3-MALLOC_FAILED: [chars]

Explanation   NPV process could not allocate memory

Recommended Action   No action is required.

Error Message   NPV-3-MERGE_ACTIVATION_FAILED: [chars]

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

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

Error Message   NPV-3-MERGE_FAILED: [chars]

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

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

Error Message   NPV-3-MTS_SEND_FAILED: [chars]

Explanation   NPV process could not send an MTS message.

Recommended Action   No action is required.

Error Message   NPV-3-NPIV_DISABLE_FAILED: [chars]

Explanation   NPIV feature could not be disabled.

Recommended Action   No action is required.

Error Message   NPV-3-NPV_CFS_IPV4_ENABLE_FAILED: CFS IPv4 distribution enable failed because [chars]

Explanation   NPV CFS distribution might not work. Try enabling it again on the command line. Make sure cfs distribution is enabled.

Recommended Action   No action is required.

Error Message   NPV-3-PORT_BRINGUP_FAILED: [chars]

Explanation   NPV process has failed to bringup the port

Recommended Action   No action is required.

Error Message   NPV-3-PORT_REINIT_FAILED: [chars]

Explanation   Port reinit request initiated by the NPV process has failed

Recommended Action   No action is required.

Error Message   NPV-3-UNLOCK_FAILED: [chars]

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

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

NPV-4

Error Message   NPV-4-NPV_NPIV_NOT_ENABLED_ON_UPSTREAM_SWITCH: [chars]

Explanation   This syslog is printed when the external interface fails to come up due to NPIV feature not enabled on the upstream switch.

Recommended Action   Verify and enable NPIV feature in upstream switch.

Error Message   NPV-4-NPV_PORT_VSAN_MISMATCH_ON_UPSTREAM_LINK: [chars]

Explanation   This syslog is printed when the external interface fails to come up due to upstream port VSAN mis-match with the upstream switch.

Recommended Action   Make sure port VSAN is same on both sides of this external link

NPV-5

Error Message   NPV-5-ASSERTION_FAILED: Unexpected assertion failure in File [chars] at Line [dec]

Explanation   An assertion failed in NPV code

Recommended Action   No action is required.

Error Message   NPV-5-FLEXATTACH_VPWWN_AUTO_ASSIGNED: A virtual port WWN [chars] has been automatically assigned to interface [chars]

Explanation   The virtual port WWN will be used as port WWN for devices logging in on this interface.

Recommended Action   No action is required.

Error Message   NPV-5-FLEXATTACH_VPWWN_MANUALLY_ASSIGNED: A virtual port WWN [chars] has been manually assigned to interface [chars]

Explanation   The virtual port WWN will be used as port WWN for devices logging in on this interface.

Recommended Action   No action is required.

Error Message   NPV-5-FLEXATTACH_VPWWN_UNASSIGNED: The virtual port WWN has been unassigned from interface [chars]

Explanation   The physical port WWN will be used as port WWN for devices logging in on this interface.

Recommended Action   No action is required.

Error Message   NPV-5-FRAME_DISCARDED: [chars]

Explanation   NPV process discarded an FC2 frame.

Recommended Action   No action is required.

Error Message   NPV-5-NPV_LOAD_BALANCE_REINIT: Server ports reinitialized : [chars]

Explanation   Server ports are reinitialized to balance the loads on the external interfaces.

Recommended Action   No action is required.

Error Message   NPV-5-UNEXPECTED_EVENT: [chars]

Explanation   NPV process has received an unexpected event in the current state.

Recommended Action   No action is required.

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-NPV_LOAD_BALANCE_TIMER_START: (Re)starting automatic load
balancing timer for [dec] seconds

Explanation   Timer started for upon external interface up or server interface down. When the timer goes off some of the server interfaces may be reinitialized to evenly distribute the server interfaces amongst the eligible external interfaces.

Recommended Action   No action is required.

Error Message   NPV-6-SERVER_PROXY_LOGO_SENT: [chars]

Explanation   NPV process sent a LOGO frame to the core switch as the server interface went down.

Recommended Action   No action is required.

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

NTP-2

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

Explanation   NTP syslog Critial Error : [chars].

Recommended Action   No action is required.

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

NVP Messages

NVP-6

Error Message   NVP-6-NVP_INFO: [chars]

Explanation   NVP daemon informational message

Recommended Action   No action is required.

Error Message `NVP-6-STARTING: deamon started`

Explanation The NVP daemon successfully started

Recommended Action No action is required.

NVP-SLOT#-2

Error Message `NVP-SLOT#-2-CPP_CATASTROPHIC_ERROR: ERROR: Component ([chars]) caused critical error please reboot SSM`

Explanation Component caused critical error

Recommended Action Restart the linecard

NXAPI Messages

NXAPI-3

Error Message `NXAPI-3-NXAPI_PSSERROR: NX-API PSS related error`

Explanation NX-API failed to read/write from the PSS

Recommended Action No action is required.

NXAPI-5

Error Message `NXAPI-5-NXAPI_DISABLED: NX-API disabled`

Explanation NX-API service disabled

Recommended Action No action is required.

Error Message `NXAPI-5-NXAPI_ENABLED: NX-API enabled`

Explanation NX-API service enabled

Recommended Action No action is required.

OC_USD Messages

OC_USD-2

Error Message   OC_USD-2-RF_CRC: [chars]

Explanation   Octopus received packets with CRC error from fabric

Recommended Action   No action is required.

ORI_FWD Messages

ORI_FWD-2

Error Message   ORI_FWD-2-CRIT_MSG: [chars]

Explanation   Debug log message

Recommended Action   No action is required.

ORI_FWD-6

Error Message   ORI_FWD-6-ORF_DEBUG_MSG: [chars]

Explanation   Debug log message

Recommended Action   No action is required.

ORI_MAC Messages

ORI_MAC-2

Error Message   ORI_MAC-2-ORI_MAC_CRIT_MSG: [chars]

Explanation   Debug log message

Recommended Action   No action is required.

ORI_MAC-6

Error Message   ORI_MAC-6-ORI_MAC_DEBUG_MSG: [chars]

Explanation   Debug log message

Recommended Action   No action is required.

OTM Messages

OTM-2

Error Message   OTM-2-OTM_EEM_FAIL: OTM failed to register with EEM

Explanation   OTM process failed to register with eem, exiting now

Recommended Action   No action is required.

OTM-3

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

Explanation   [chars1][chars2]

Recommended Action   No action is required.

OTM-5

Error Message   OTM-5-OTM_OBJECT_STATUS: Status of tracking object [dec] changed to [chars]

Explanation   Status of tracking object [dec] changed to [chars]

Recommended Action   No action is required.

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.

Error Message   PATCH-INSTALLER-2-LOG_PATCH_INSTALLER_EXIT: Patch Installer exiting:
[chars]

Explanation   Patch Installer exiting.

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

Error Message   PATCH-INSTALLER-3-PATCH_INSTALLER_ID_FILE_ERR: Error opening patch
installer id file

Explanation   Could not open the file for storing patch installer request ids

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

Error Message PATCH-INSTALLER-3-PATCH_INSTALLER_IMAGE_FILE_OPEN_ERR: Error opening image name file [chars] for patch installer

Explanation Could not open the file to get the name of the image

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

Error Message PATCH-INSTALLER-3-PATCH_INSTALLER_IMAGE_FILE_READ_ERR: Error reading image name file [chars] for patch installer

Explanation Could not read the name of the image

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

Error Message PATCH-INSTALLER-3-PATCH_INSTALLER_LOG_FILE_ERR: Error opening patch installer log file

Explanation Could not open the log file for logging show install commands

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

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