U to Z

This chapter includes system messages for the Cisco NX-OS MDS 9000 families of switches. The messages are listed in alphabetical order by the system facility that produces them. Within each system facility section, messages are listed alphabetically by severity and mnemonics. Each message is followed by an explanation and a recommended action.

U2RIB Messages

This section contains the U2RIB messages.

U2RIB-2

Message   `U2RIB-2-IPC_PROCESSING_ERR: Error in processing IPC message: Opcode = [dec], Error code = [hex]`

Explanation   U2RIB encountered an error in processing an MTS message. The error and message are specified in the error message

Recommended Action   No action is required.

Message   `U2RIB-2-U2RIB_INIT: U2RIB initialization of [chars] [chars]`

Explanation   U2RIB 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.

U2RIB-3

Message   `U2RIB-3-U2RIB_LD_BLNCE_ERROR: Error in config. lb parameters using the DCEFIB Library, error code = [hex], [chars]`

Explanation   Error while communicating with the DEFFIB library.

Recommended Action   No action is required.

U2RIB-5

Message   U2RIB-5-U2RIB_DISABLED: U2RIB Disabled

Explanation   U2RIB Service Disabled

Recommended Action   No action is required.

Message   U2RIB-5-U2RIB_ENABLED: U2RIB Enabled

Explanation   U2RIB Service enabled

Recommended Action   No action is required.

U2RIB-6

Message   U2RIB-6-STATE_CREATED: Internal state created [chars]

Explanation   U2RIB has created its internal state stateless/stateful [chars].

Recommended Action   No action is required.

UDLD Messages

This section contains the UDLD messages.

UDLD-3

Message   UDLD-3-IDB_ERROR: UDLD error handling [chars] interface: [chars]

Explanation   A software error occurred in UDLD processing associated with a specific interface.

Recommended Action   LOG_STD_SH_TECH_ACTION

Message   UDLD-3-MSG_SEND_FAILURE: failed to send [chars] to sap [dec]: [chars]

Explanation   Failed to send a message

Recommended Action   LOG_STD_SH_TECH_ACTION

Message   UDLD-3-UDLD_INTERNAL_ERROR: UDLD internal error: [chars]

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

Recommended Action   LOG_STD_SH_TECH_ACTION

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

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

Recommended Action LOG_STD_SH_TECH_ACTION

UDLD-4

Message `UDLD-4-UDLD_GWRAP_COUNT: UDLD gwrap count is %lu, please log a 'show tech` `udld' for detail info.`

Explanation UDLD gwrap count reached high level, show tech udld is needed to debug it.

Recommended Action LOG_STD_SH_TECH_ACTION

Message `UDLD-4-UDLD_NEIGHBOR_MISMATCH: UDLD neighbor mismatch detected, exp:` `[chars], rec [chars]. Please collect debug info using:` `http://zed.cisco.com/confluence/display/KGP/UDLD+debug`

Explanation An interface will be disabled because UDLD protocol detected a neighbor mismatch condition on the interface indicated. Cause is likely due to bad interface hardware or cable misconfiguration. User should investigate.

Recommended Action LOG_STD_SH_TECH_ACTION

Message `UDLD-4-UDLD_PORT_DISABLED: Interface [chars], link error detected:` `[chars]. Please collect debug info using:` `http://zed.cisco.com/confluence/display/KGP/UDLD+debug`

Explanation An interface was disabled because UDLD protocol detected the cause on the interface indicated. Cause is likely due to bad interface hardware or cable misconfiguration. User should investigate.

Recommended Action LOG_STD_SH_TECH_ACTION

Message `UDLD-4-UDLD_PORT_RESET: UDLD reset interface [chars]`

Explanation A port which had been disabled for UDLD has been reset.

Recommended Action LOG_STD_SH_TECH_ACTION

UDLD-5

Message `UDLD-5-UDLD_AGGRESSIVE: UDLD Aggressive`

Explanation UDLD Service Aggressive

Recommended Action No action is required.

Cisco MDS 9000 Family and Nexus 7000 Series NX-OS System Messages Reference

Message   UDLD-5-UDLD_DISABLED: UDLD Disabled

Explanation   UDLD Service Disabled

Recommended Action   No action is required.

Message   UDLD-5-UDLD_ENABLED: UDLD Enabled

Explanation   UDLD Service Enabled

Recommended Action   No action is required.

UFDM Messages

This section contains the UFDM messages.

UFDM-2

Message   UFDM-2-DNLD_TIMEDOUT: Download timer expired: [chars]

Explanation   UFDM download timer expired. Collect show tech-support forwarding l3 unicast for further analysis.

Recommended Action   No action is required.

Message   UFDM-2-FIB_ROUTE_UPDATE_ERR: Route update error from slot [dec] FIB

Explanation   FIB returned route update error. Collect show tech-support forwarding l3 unicast for further analysis.

Recommended Action   No action is required.

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

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

Recommended Action   No action is required.

USBHSD Messages

This section contains the USBHSD messages.

USBHSD-1

Message USBHSD-1-MANUAL_FORMAT: logflash needs to be formatted

Explanation   Logflash is not accessible; use format logflash: to format it

Recommended Action   No action is required.

USBHSD-2

Message USBHSD-2-AUTO_FORMAT: logflash auto-format [chars]

Explanation   Logflash auto-format event

Recommended Action   No action is required.

Message   USBHSD-2-DISK_BUSY_FAILED: Cannot unmount [chars],

Explanation   The specified disk interface is in use it can not be un-mounted, The user may experience file system corruption

Recommended Action   Make sure slot0 is not being used either by mounting or by any command and re-insert the disk again

Message   USBHSD-2-DISK_FSCK_FAIL: file system check returned error on slot [dec]

Explanation   Flash file system may be corrupted, the flash was taken while it was being accessed

Recommended Action   Reform at the external flash

Message   USBHSD-2-DISK_MOUNT_FAIL: disk mount unsuccessful on [chars]

Explanation   Unknown flash filesystem or not cleanly un-mounted

Recommended Action   Use vfat flash only and make sure external slot is not being accessed then re-insert flash

Message   USBHSD-2-DISK_RESCAN_FAIL: disk rescan unsuccessful on [chars]

Explanation   Flash filesystem was not cleanly un-mounted

Recommended Action   Make sure external slot is not being accessed and re-inset the flash

Message   USBHSD-2-DISK_UMOUNT_FAIL: disk unmount unsuccessful for [chars]

Explanation   Flash filesystem is busy the system could not un-mount it

Recommended Action   Make sure external slot is not being accessed and re-inset the flash

Message   USBHSD-2-FORK: fork failed ([chars] process)

Explanation   The flash daemon failed to fork

Recommended Action   No action is required.

Message   USBHSD-2-INTERNAL_ERROR: Internal Error [dec]

Explanation   The flash daemon interface returns error

Recommended Action   Restart the IDEHSD deamon

Message   USBHSD-2-MOUNT: [chars] online

Explanation   Flash daemon mounting slot

Recommended Action   No action is required.

Message   USBHSD-2-UMOUNT: [chars] offline

Explanation   Flash daemon un-mounting slot

Recommended Action   No action is required.

Message   USBHSD-2-USB_SWAP: USB insertion or removal detected

Explanation   USB swap event

Recommended Action   No action is required.

USBHSD-3

Message USBHSD-3-DEVICEOPEN_FAILED: device open failed. Component [chars]

Explanation   The flash daemon device open failed The failure is due to the sub-component [chars]

Recommended Action   No action is required.

USBHSD-5

Message USBHSD-5-DISK_SWAP: [chars] [chars]

Explanation   Compact flash swap event

Recommended Action   No action is required.

USBHSD-6

Message USBHSD-6-DISK_BUSY: trying to unmount disk [chars]

Explanation   Flash daemon trying to un-mount busy slot

Recommended Action   No action is required.

Message   USBHSD-6-DISK_EVENT: slot [dec] [chars]

Explanation   Flash daemon found a disk hotswap handler event

Recommended Action   No action is required.

Message   USBHSD-6-IOCTL: ioctl: [chars] returns [dec]

Explanation   Flash daemon trying to un-mount busy slot

Recommended Action   No action is required.

Message   USBHSD-6-STARTING: deamon started

Explanation   The compact flash swap daemon successfully started

Recommended Action   No action is required.

Message   USBHSD-6-USBHSD_INFO: [chars]

Explanation   Flash daemon informational message

Recommended Action   No action is required.

USBHSD-7

Message `USBHSD-7-USBHSD_TRACE: [chars]() [chars]:[dec] disk=[dec]`

Explanation   Flash daemon debug message to trace code path

Recommended Action   No action is required.

USDBA-2

Message `USDBA-2-USDBA_CRC_ERR: USDBA received packet(s) with CRC error`

Explanation   USDBA received packet(s) with CRC error on downlink(s)

Recommended Action   use another optical cable and transceivers. If the problem still persists, change the peer ports, such as the remote port to another or the local port to another. Run the commands **diagnostic start module <mod> test all** and **show diagnostic result module <mod> test all detail**. The result will display the information about the failures in HW, if any.

VAJRA_USD Messages

This section contains the VAJRA_USD messages.

VAJRA_USD-6

Message `VAJRA_USD-6-VAJRA_DEBUG_MSG: [chars]`

Explanation   Debug log message

Recommended Action   No action is required.

VAL_USD Messages

This section contains the VAL_USD messages.

VAL_USD-6

Message `VAL_USD-6-VAL_DEBUG_MSG: [chars]`

Explanation   Debug log message

Recommended Action   No action is required.

VDC_MGR Messages

This section contains the VDC_MGR messages.

VDC_MGR-2

Message `VDC_MGR-2-VDC_CRITICAL: vdc_mgr has hit a critical error: [chars]`

Explanation Vdc_mgr has hit a critical error

Recommended Action A critical error has been hit within vdc_mgr. Please check show vdc to determine the state of the vdcs

Message `VDC_MGR-2-VDC_LIC_WARN_EXP: WARNING License for vdcs is about to expire! VDCs will be deleted if license is allowed to expire`

Explanation VDC license is close to expire

Recommended Action Please contact your sales representative to obtain a license

Message `VDC_MGR-2-VDC_LIC_WARN: Service using grace period will be shutdown in [dec] day(s)`

Explanation The license for vdcs is not installed and currently running in the grace period

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

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

Explanation The vdc has been shut down. Either it has been deleted or has just completed ungraceful cleanup

Recommended Action If the vdc was deleted, no action is necessary. Otherwise vdc_mgr may attempt to recreate it according to the ha-policy that has been set

Message `VDC_MGR-2-VDC_ONLINE: vdc [dec] has come online`

Explanation Vdc_mgr has finished creating a vdc and it is ready to use

Recommended Action No action is required.

Cisco MDS 9000 Family and Nexus 7000 Series NX-OS System Messages Reference

Message `VDC_MGR-2-VDC_UNALLOCATED: Module [dec] is unsupported by the current vdc and some of its ports have been placed in the unallocated pool.`

Explanation   The module is of a type unsupported by the current vdc. You can see port membership by 'show vdc membership' and check the current vdc's configuration through 'show vdc'

Recommended Action   Allocate interfaces to a vdc that supports this module type or change the current vdc to support this module type via the 'limit-resource module-type' command

Message `VDC_MGR-2-VDC_UNGRACEFUL: vdc_mgr: Ungraceful cleanup request received for vdc [dec], restart count for this vdc is [dec] restarts within the last 5 minutes`

Explanation   Vdc_mgr has begun ungraceful cleanup for a vdc

Recommended Action   There has been a failure within the vdc and vdc_mgr has begun the cleanup process. Use show vdc to determine its state

VDC_MGR-3

Message   `VDC_MGR-3-VDC_ERROR: vdc_mgr: [chars]`

Explanation   Vdc_mgr has received bad data but will try to continue

Recommended Action   Vdc_mgr will attempt to correct the error at hand

VDC_MGR-5

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

Explanation   Allowed feature-set config has changed

Recommended Action   No action is required.

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

Explanation   Allowed feature-set config has changed

Recommended Action   No action is required.

Message   `VDC_MGR-5-VDC_HOSTNAME_CHANGE: vdc [dec] hostname changed to [chars]`

Explanation   Host name for a vdc has changed.

Recommended Action   No action is required.

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

Explanation   A new interface has been added to this vdc

Recommended Action   No action is required.

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

Explanation   A new interface has been removed from this vdc

Recommended Action   No action is required.

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

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

Recommended Action   No action is required.

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

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

Recommended Action   No action is required.

Message   VDC_MGR-5-VDC_SWMODULETYPE: vdc_mgr: System Module type changed to [chars]

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

Recommended Action   No action is required.

VEC Messages

This section contains the VEC messages.

VEC-SLOT#-3

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

Explanation   No action is required.

Recommended Action   Vec

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

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

Recommended Action   No action is required.

VEC-SLOT#-4

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

Explanation   No action is required.

Recommended Action   Vec

VEC-SLOT#-5

Message   VEC-SLOT#-5-LOG_ERR_VEC_DISK: SCSI STATUS([hex]) [chars] SENSE_KEY([hex]) [chars] ASC([hex]) ASCQ([hex]) [chars]

Explanation   No action is required.

Recommended Action   Vec

Message   VEC-SLOT#-5-LOG_ERR_VEC_DPP_MON_FSM: Illegal Event [chars] in State [chars] FSM [chars]

Explanation   An Event is received for a State in the VEC DPP Monitor FSM which should not have occurred

Recommended Action   No action is required.

Message   VEC-SLOT#-5-LOG_ERR_VEC_DPRLI_FSM: Illegal Event [chars] in State [chars] FSM [chars]

Explanation   An Event is received for a State in the VEC DPRLI FSM which should not have occurred

Recommended Action   No action is required.

Message   VEC-SLOT#-5-LOG_ERR_VEC_GID_FSM: Illegal Event [chars] in State [chars] FSM [chars]

Explanation   An Event is received for a State in the VEC Guide ID FSM which should not have occurred

Recommended Action   No action is required.

Message   VEC-SLOT#-5-LOG_ERR_VEC_HOST_LMAP_FSM: Illegal Event [chars] in State [chars] Host VSAN:[dec] Host pWWN:[chars] VEP pWWN:[chars]

Explanation   An Event is received for a State in the VEC HOST LMAP XP FSM which should not have occurred

Recommended Action   No action is required.

Message   VEC-SLOT#-5-LOG_ERR_VEC_HOST_LOGO: Logging out Host [VSAN:[dec] pWWN :[chars]] logged in to VEP [pWWN:[chars]]. Reason: Host not responding

Explanation   The Host HBA is logged out from the VEP as it is not responding to ADISCs initiated from the VEP

Recommended Action   No action is required.

Message   VEC-SLOT#-5-LOG_ERR_VEC_HOST_XP_FSM: Illegal Event [chars] in State [chars] Host VSAN:[dec] Host pWWN:[chars] VEP pWWN :[chars]

Explanation   An Event is received for a State in the VEC HOST XP FSM which should not have occurred

Recommended Action   No action is required.

Message   VEC-SLOT#-5-LOG_ERR_VEC_HOST: Host VSAN :[dec] Host pWWN :[chars] access denied to VEP pWWN :[chars] due to licensing

Explanation   The Host HBA is denied access to the VEP due to licensing

Recommended Action   No action is required.

Message   VEC-SLOT#-5-LOG_ERR_VEC_NPORT_FSM: Illegal Event [chars] in State [chars] FSM [chars]

Explanation   An Event is received for a State in the VEC NPORT FSM which should not have occurred

Recommended Action   No action is required.

Message   VEC-SLOT#-5-LOG_ERR_VEC_PID_FSM: Illegal Event [chars] in State [chars] FSM [chars]

Explanation   An Event is received for a State in the VEC PID FSM which should not have occurred

Recommended Action   No action is required.

Message   VEC-SLOT#-5-LOG_ERR_VEC_TARGET_FSM: Illegal Event [chars] in State [chars] FSM [chars]

Explanation   An Event is received for a State in the VEC TARGET FSM which should not have occurred

Recommended Action   No action is required.

Message   VEC-SLOT#-5-LOG_ERR_VEC_TCAM_MON_FSM: Illegal Event [chars] in State [chars] DPP:[dec]

Explanation   An Event is received for a State in the VEC TCAM MON FSM which should not have occurred

Recommended Action   No action is required.

Message   VEC-SLOT#-5-LOG_ERR_VEC_TP_FSM: Illegal Event [chars] in State [chars] Host VSAN:[dec] TP nWWN:[chars] TP pWWN:[chars]

Explanation   An Event is received for a State in the VEC TP FSM which should not have occurred

Recommended Action   No action is required.

Message   VEC-SLOT#-5-LOG_ERR_VEC_VEP_FSM: Illegal Event [chars] in State [chars] Host VSAN:[dec] VEP nWWN:[chars] VEP pWWN:[chars]

Explanation   An Event is received for a State in the VEC VEP FSM which should not have occurred

Recommended Action   No action is required.

Message   VEC-SLOT#-5-LOG_ERR_VEC_VEP_ILC_LIMIT: VEP [VSAN:[dec] pWWN :[chars]] could not be created. Reason: ILC VEP limit [dec] reached

Explanation   The VEP could not be created as the per ILC limit of VEPs has been reached

Recommended Action   No action is required.

Message   VEC-SLOT#-5-LOG_ERR_VEC_VLUN_FSM: Illegal Event [chars] in State [chars] FSM [chars]

Explanation   An Event is received for a State in the VEC VLUN FSM which should not have occurred

Recommended Action   No action is required.

Message   VEC-SLOT#-5-LOG_ERR_VEC_VO_FSM: Illegal Event [chars] in State [chars] FSM [chars]

Explanation   An Event is received for a State in the VEC VO FSM which should not have occurred

Recommended Action   No action is required.

Message   VEC-SLOT#-5-LOG_ERR_VEC_VSAN_FSM: Illegal Event [chars] in State [chars] VSAN [dec]

Explanation   An Event is received for a State in the VEC VSAN FSM which should not have occurred

Recommended Action   No action is required.

Message   VEC-SLOT#-5-LOG_ERR_VEC_VSAN_XCHG_FSM: Illegal Event [chars] in State [chars] VES IP Addr [chars]

Explanation   An Event is received for a State in the VEC VSAN XCHG FSM which should not have occurred

Recommended Action   No action is required.

Message   VEC-SLOT#-5-LOG_NOTICE_VEC_SLEEP_THRESH: VEC not scheduled for [dec] seconds

Explanation   The VEC process sleep threshold was exceeded which should not have occurred. Recovery will be performed if appropriate.

Recommended Action   No action is required.

Message   VEC-SLOT#-5-LOG_NOTICE_VEC_WORK_THRESH: VEC did not yeild the cpu for [dec] seconds

Explanation   The VEC process work threshold was exceeded which should not have occurred. Recovery will be performed if appropriate.

Recommended Action   No action is required.

VEDB_MGR Messages

This section contains the VEDB_MGR messages.

VEDB_MGR-2

Message   VEDB_MGR-2-MALLOC_ERROR: Size [dec] bytes

Explanation   The VEDB library could not allocate memory.

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

VEDB_MGR-6

Message   VEDB_MGR-6-EXITING: Exited due to [chars]

Explanation   The VEDB library has exited due to [char]. The process has probably been restarted automatically.

Recommended Action   No action is required.

Message   VEDB_MGR-6-SERVICE_UP: Initialized [chars]

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

Recommended Action   No action is required.

VES Messages

This section contains the VES messages.

VES-SLOT#-4

Message   VES-SLOT#-4-LOG_WARNING_VES_CONFIG_TOO_BIG: Volume [chars] configuration too large to virtualize

Explanation   The VES maximum volume configuration was exceeded. Volume will be virtualize by the cop.

Recommended Action   No action is required.

VES-SLOT#-5

Message `VES-SLOT#-5-LOG_ERR_VES_PATH_FSM: disk guids dont match - received verify_mismatch for pid [dec] from vec [dec]`

> **Explanation**   An VERIFY MISMATCH Event is received for a State in the VES PATH FSM which should not have occurred

> **Recommended Action**   No action is required.

Message `VES-SLOT#-5-LOG_ERR_VES_VEP_FSM: Illegal Event [chars] in State [chars] Host VSAN:[dec] VEP pWWN:[chars]`

> **Explanation**   An Event is received for a State in the VES VEP FSM which should not have occurred

> **Recommended Action**   No action is required.

Message `VES-SLOT#-5-LOG_ERR_VES_VSAN_FSM: Illegal Event [chars] in State [chars] VSAN [dec]`

> **Explanation**   An Event is received for a State in the VES VSAN FSM which should not have occurred

> **Recommended Action**   No action is required.

Message `VES-SLOT#-5-LOG_ERR_VES_VSAN_XCHG_FSM: Illegal Event [chars] in State [chars] VEC IP Addr [chars]`

> **Explanation**   An Event is received for a State in the VES VSAN XCHG FSM which should not have occurred

> **Recommended Action**   No action is required.

Message `VES-SLOT#-5-LOG_NOTICE_VES_SLEEP_THRESH: VES not scheduled for [dec] seconds`

> **Explanation**   The VES process sleep threshold was exceeded which should not have occurred. Recovery will be performed if appropriate.

> **Recommended Action**   No action is required.

Message `VES-SLOT#-5-LOG_NOTICE_VES_WORK_THRESH: VES did not yeild the cpu for [dec] seconds`

> **Explanation**   The VES process work threshold was exceeded which should not have occurred. Recovery will be performed if appropriate.

> **Recommended Action**   No action is required.

VFC Messages

This section contains the VFC messages.

VFC-3

Message   VFC-3-VFC_MEM_ERROR: Memory consistency problem

Explanation   Miscellaneous target error

Recommended Action   No action is required.

Message   VFC-3-VFC_TGT_ERROR: Target error: [chars] 0x%llx

Explanation   Miscellaneous target error

Recommended Action   No action is required.

VFC-6

Message   VFC-6-STARTING: deamon started

Explanation   The VFC daemon successfully started

Recommended Action   No action is required.

VIPER_CMN_USD Messages

This section contains the VIPER_CMN_USD messages.

VIPER_CMN_USD-6

Message VIPER_CMN_USD-6-VIPCMN_DEBUG_MSG: [chars]

Explanation   Debug log message

Recommended Action   No action is required.

VIPER_ICB_USD Messages

This section contains the VIPER_ICB_USD messages.

VIPER_ICB_USD-2

Message VIPER_ICB_USD-2-VIP_ICB_TEST: [chars]

Explanation   Debug log message

Recommended Action   No action is required.

VIPER_ICB_USD-6

Message VIPER_ICB_USD-6-VIP_ICB_DEBUG_MSG: [chars]

Explanation   Debug log message

Recommended Action   No action is required.

VIPER_MAC_USD Messages

This section contains the VIPER_MAC_USD messages.

VIPER_MAC_USD-6

Message VIPER_MAC_USD-6-VIPER_MAC_DEBUG_MSG: [chars]

Explanation   Debug log message

Recommended Action   No action is required.

VIPER_XBAR_USD Messages

This section contains the VIPER_XBAR_USD messages.

VIPER_XBAR_USD-6

Message VIPER_XBAR_USD-6-VIPER_XBAR_DEBUG_MSG: [chars]

Explanation   Debug log message

Recommended Action   No action is required.

VIP_FWD Messages

This section contains the VIP_FWD messages.

VIP_FWD-6

Message `VIP_FWD-6-VIP_FWD_DEBUG_MSG: [chars]`

Explanation   Debug log message

Recommended Action   No action is required.

VIP_ILK Messages

This section contains the VIP_ILK messages.

VIP_ILK-6

Message `VIP_ILK-6-VIP_ILK_DEBUG_MSG: [chars]`

Explanation   Debug log message

Recommended Action   No action is required.

VLAN_MGR Messages

This section contains the VLAN_MGR messages.

VLAN_MGR-2

Message   `VLAN_MGR-2-CRITICAL_MSG: [chars]`

Explanation   VLAN Manager Critical Message

Recommended Action   No action is required.

VLAN_MGR-3

Message   `VLAN_MGR-3-ERROR_MSG: [chars]`

Explanation   VLAN manager error

Recommended Action   No action is required.

VLAN_MGR-4

Message   VLAN_MGR-4-WARN_MSG: [chars]

Explanation   VLAN manager warning

Recommended Action   No action is required.

VLAN_MGR-5

Message   VLAN_MGR-5-NOTIF_MSG: [chars]

Explanation   VLAN Manager Notification Message

Recommended Action   No action is required.

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

Explanation   VLAN Manager Reserved VLAN Reconfiguration Message

Recommended Action   No action is required.

VLAN_MGR-6

Message   VLAN_MGR-6-INFO_MSG: [chars]

Explanation   VLAN manager info

Recommended Action   No action is required.

Message   VLAN_MGR-6-VLAN_CREATED: VLAN [dec], created

Explanation   VLAN created

Recommended Action   No action is required.

Message   VLAN_MGR-6-VLAN_MGR_STATEFULL_RESTART: VLAN Manager statefull restart

Explanation   VLAN Manager stateful restart

Recommended Action   No action is required.

Message   VLAN_MGR-6-VLAN_MGR_STATELESS_RESTART: VLAN Manager stateless restart

Explanation   VLAN Manager stateless restart

Recommended Action   No action is required.

Message   VLAN_MGR-6-VLAN_OPER_STATUS_CHG: VLAN [dec], status changed to [chars]

Explanation   VLAN operational state change

Recommended Action   No action is required.

VMAN Messages

This section contains the VMAN messages.

VMAN-2

Message   VMAN-2-ACTIVATION_STATE: [chars] [chars]'[chars][chars]'

Explanation   The activation state of the named virtual service has changed as notified by virt-manager.

Recommended Action   In the failed case, check virt-managers logs for the cause of the failure. In the successful case, this notification can be ignored.'

Message   VMAN-2-ALLOC_VIRT_INST_RCS: Virtual Service [chars]

Explanation   A memory allocation request failed to allocate a data structure required to activate the virtual service.

Recommended Action   Enable the virt-manager trace logs and repeat the activation of the virtual service. Collect the Virtual-manager logs and scan them for the cause.

Message   VMAN-2-COMMIT_VIRT_INST_RCS: Virtual Service [chars]

Explanation   The request to commit the resources required by the named virtual service failed.

Recommended Action   Enable the virt-manager trace logs and repeat the activation of the virtual service. Collect the virt-manager logs and scan them for the cause.

Message   VMAN-2-CPUSHARES_LIMIT: Virtual Service [chars]

Explanation   The virtual service machine definition file is requesting more CPU shares than the system has available for virtual services.

Recommended Action   Deactivate any other virtual services to free up CPU share resources and activate this virtual service. If that does not address the problem, then enable the virt-manager trace logs and repeat the activation of the virtual service. Collect the virt-manager logs and scan them for the cause.

Message   VMAN-2-CPUTUNES_INTERNAL_ERROR: Virtual Service [chars]

Explanation   virt-manager and its associated infrastructure experienced an internal error.

Recommended Action   Enable the virt-manager trace logs and repeat the activation of the virtual service. Collect the virt-manager logs and scan them for the cause.

Message   VMAN-2-CPUTUNES_SHARES_LIMIT: Virtual Service [chars]

Explanation   The virtual service machine definition file is requesting more CPU shares than the system has available for virtual services.

Recommended Action   Deactivate any other virtual services to free up CPU share resources and activate this virtual service. If that does not address the problem, then enable the virt-manager trace logs and repeat the activation of the virtual service. Collect the virt-manager logs and scan them for the cause.

Message   VMAN-2-CREATE_VIRT_INST_ENTRY: Virtual Service [chars]

Explanation   The request to create a DB entry for the named virtual service failed.

Recommended Action   Enable the virt-manager trace logs and repeat the activation of the virtual service. Collect the Virtual-manager logs and scan them for the cause.

Message   VMAN-2-DEFER_VIRT_INST_PROC: Virtual Service [chars]

Explanation   The final activation processing failed to successfully defer.

Recommended Action   Enable the virt-manager trace logs and repeat the activation of the virtual service. Collect the virt-manager logs and scan them for the cause.

Message   VMAN-2-DISK_IMAGE_PATH: Virtual Service [chars]

Explanation   The virtual service machine definition file contains an invalid disk image path for one of the disk devices. This may be a Hard disk, CDROM or USB storage device.

Recommended Action   Enable the virt-manager trace logs and repeat the activation of the virtual service. Collect the virt-manager logs and scan them for the cause.

Message   VMAN-2-FIND_VIRT_INST_ENTRY: Failed to find virtual service with id [dec] in the Virt-manager DB

Explanation   The virtual service with the ID named could not be located in the virt-manager DB.

Recommended Action   Enable the virt-manager trace logs and repeat the activation of the virtual service. Collect the virt-manager logs and scan them for the cause.

Message   VMAN-2-GENERAL_FAILURE: Virtual Service [chars]

Explanation   The named virtual service has triggered the log. Please interpret the log in the context of the virtual services.

Recommended Action   No action is required

Message   VMAN-2-HA_SYNC_ERR: [chars] [chars]' [chars]'

Explanation   The ha-sync persistent storage disk for the virtual service cannot be watched for sync to standby RP.

Recommended Action   Collect the virt-manager logs and scan them for the cause.

Message   VMAN-2-INCONSISTENT_CPUTUNES_CONFIG: Virtual Service [chars]

Explanation   The virtual service machine definition file is requesting invalid CPU tunes parameter.

Recommended Action   Use a different valid machine definition file for the virtual service. If the problem persists, then enable the virt-manager trace logs and repeat the activation of the virtual service. Collect the virt-manager logs and scan them for the cause.

Message   VMAN-2-INCONSISTENT_MEM_CONFIG: Virtual Service [chars]

Explanation   The virtual service machine definition file is inconsistent in the specification of required memory via the <memory>

Recommended Action   Enable the virt-manager trace logs and repeat the activation of the virtual service. Collect the virt-manager logs and scan them for the cause.

Message   VMAN-2-INSERT_VIRT_INST_ENTRY: Virtual Service [chars]

Explanation   Inserting the named virtual service into the virtual service DB tracked by virt-manager failed.

Recommended Action   Enable the virt-manager trace logs and repeat the activation of the virtual service. Collect the virt-manager logs and scan them for the cause.

Message   VMAN-2-INSTALL_FAILURE: Virtual Service [chars]

Explanation   The installation of the virtual service failed.

Recommended Action   Enable the virt-manager trace logs and repeat the installation of the virtual service. Collect the virt-manager logs and scan them for the cause.

Message   VMAN-2-INSTALL_MEDIA_RETRY: VMAN, VM install media still unavailable.[chars]

Explanation   The install media was not detected. Waiting for udev to complete install media (hard-disk) detection.

Recommended Action   After VMAN exceeds the maximum retry limit, verify if install media (hard-disk) is accessible and retry the installation again.

Message   VMAN-2-INSTALL_STATE: Successfully [chars] [chars]''

Explanation   The installation state of the named virtual service has changed as notified by virt-manager.

Recommended Action   In the failed case, check virt-managers logs for the cause of the failure. In the successful case, this notification can be ignored.

Message   VMAN-2-INVALID_ACT_MSG: Virtual Service [chars]

Explanation   The virtual service activate message was received, however, the data it contained could not be interpreted

Recommended Action   Enable the virt-manager trace logs and repeat the activation of the virtual service. Collect the virt-manager logs and scan them for the cause.

Message   VMAN-2-INVALID_DEACT_MSG: Failed to process virtual service deactivate message

Explanation   The virtual service deactivate message was received, however, the data it contained could not be interpreted

Recommended Action   Enable the virt-manager trace logs and repeat the activation of the virtual service. Collect the virt-manager logs and scan them for the cause.

Message   VMAN-2-INVALID_PACKAGE: Virtual Service [chars]

Explanation   The package definition file for the named virtual service has failed to be validated and the virtual service will not run

Recommended Action   Enable the virt-manager trace logs and repeat the activation of the virtual service. Collect the virt-manager logs and scan them for the cause. The most likely cause would be that the package file has been corrupted during file transfer. The suggested action would be to redo the file transfer.

Message   VMAN-2-INVALID_UNPROV_MSG: Failed to process virtual service unprovision message

Explanation   The virtual service un-provision message was received, however, the data it contained could not be interpreted

Recommended Action   Enable the Virt-manager trace logs and repeat the activation followed by deactivation and then un-provision of the virtual service. Collect the virt-manager logs and scan them for the cause.

Message   VMAN-2-MACHINE_TYPE_NOT_SUPPORTED: Virtual Service [chars]

Explanation   The virtual service cannot be activated as the machine type specified is not supported; action Enable the support for the machine type and repeat the activation of the virtual service. Collect the virt-manager logs and scan them for the cause.

Recommended Action   Enable the virt-manager trace logs and repeat the activation of the virtual service. Collect the virt-manager logs and scan them for the cause.

Message   VMAN-2-MACH_PARSE_FAILURE: Virtual Service [chars]

Explanation   The named virtual service has an invalid parameter specified in the .xml file inside the .ova package

Recommended Action   Fix the .xml file inside the .ova package to have valid values. Then retry installing and activating it

Message   VMAN-2-MEMORY_LIMIT_WARN: Virtual service ([chars])[chars] defines [dec] MB of Memory exceeding the maximum [dec] MB.

Explanation   The virtual service machine definition file is requesting more memory for the specified profile, than the system has available for virtual services.

Recommended Action   Enable the virt-manager trace logs and repeat the activation of the virtual service. Collect the virt-manager logs and scan them for the cause.

Message   VMAN-2-MEMORY_LIMIT: Virtual Service [chars]

Explanation   The virtual service machine definition file is requesting more memory than the system has available for virtual services.

Recommended Action   Enable the virt-manager trace logs and repeat the activation of the virtual service. Collect the virt-manager logs and scan them for the cause.

Message   VMAN-2-MORETHANONE_CPUTUNES_CONFIG: Virtual Service [chars]

Explanation   The virtual service machine definition file is requesting more than one CPU tunes parameter.

Recommended Action   Use a different valid machine definition file for the virtual service. If the problem persists, then enable the virt-manager trace logs and repeat the activation of the virtual service. Collect the virt-manager logs and scan them for the cause.

Message   VMAN-2-NETWORK_CONFIG_ERROR: Virtual Service [chars]

Explanation   A network configuration error has been detected for the named virtual service.

Recommended Action   No action is required

Message   VMAN-2-PROCESS_PKG_DEF: Virtual Service [chars]

Explanation   The virtual service package for the named virtual service has failed to be validated and the virtual service will not run.

Recommended Action   Enable the virt-manager trace logs and repeat the activation of the virtual service. Collect the virt-manager logs and scan them for the cause.

Message   VMAN-2-PROC_INT_LIST: Virtual Service [chars]

Explanation   The interface list embedded in the activate request for the named virtual service could not be processed.

Recommended Action   Enable the virt-manager trace logs and repeat the activation of the virtual service. Collect the virt-manager logs and scan them for the cause.

Message   VMAN-2-REMOVE_VIRT_INST_ENTRY: Virtual Service [chars]

Explanation   Removing the named virtual service from the virtual service DB tracked by virt-manager failed.

Recommended Action   Enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the virt-manager logs and scan them for the cause.

Message   VMAN-2-SET_VTX_ROMVAR_SPACE: Failed to set ROM monitor variable ENABLE_VTX: No space in table

Explanation   Failed to set ENABLE_VTX ROM monitor variable due to no space in Monitor Variable Table.

Recommended Action   Verify number of entries in Monitor Variable Table.

Message   VMAN-2-SET_VTX_ROMVAR_STRING: Failed to set ROM monitor variable
ENABLE_VTX: Invalid string format: [chars]

Explanation   Failed to set ENABLE_VTX ROM monitor variable due to invalid string format.

Recommended Action   Verify format of string from error message.

Message   VMAN-2-START_FAILED: Virtual Device:[chars]

Explanation   The named virtual service failed to start.

Recommended Action   Enable the virt-manager trace logs and repeat the activation of the virtual
service. Collect the virt-manager logs and scan them for the cause.

Message   VMAN-2-VCPU_INVALID: Virtual Service [chars]

Explanation   The virtual service machine definition file is requesting invalid VCPU value.

Recommended Action   Enable the Virt-manager trace logs and repeat the activation of the virtual
service. Collect the Virt-manager logs and scan them for the cause.

Message   VMAN-2-VCPU_LIMIT: Virtual Service [chars]

Explanation   The virtual service machine definition file is requesting more VCPUs than the system
has reserved for virtual services.

Recommended Action   Enable the Virt-manager trace logs and repeat the activation of the virtual
service. Collect the Virt-manager logs and scan them for the cause.

Message   VMAN-2-VIRT_INST_DISK: Virtual Service [chars]

Explanation   The virtual service requires Disk Storage in excess of the Free Disk Storage available
to virtual services.

Recommended Action   Enable the Virt-manager trace logs and repeat the activation of the virtual
service. Collect the Virt-manager logs and scan them for the cause.

Message   VMAN-2-VIRT_INST_INTERFACE: Virtual Service [chars]

Explanation   The number of configured virtual port group interfaces must match the number of
Ethernet Network Interfaces defined in the machine definition file

Recommended Action   Enable the Virt-manager trace logs and repeat the activation of the virtual
service. Collect the Virt-manager logs and scan them for the cause.

Message   VMAN-2-VIRT_INST_MEMORY: Virtual Service [chars]

Explanation   The virtual service requires physical memory in excess of the free memory available to virtual services.

Recommended Action   Enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Message   VMAN-2-VIRT_INST_MGMT_INTERFACE: Virtual service [chars] has no management interface defined but it is configured in CLI.

Explanation   A management interface is configured but none is defined.

Recommended Action   Deactivate the virtual service, remove the management interface configuration CLI, and reactivate the virtual-service.

Message   VMAN-2-VIRT_INST_STATE: Virtual Service [chars]

Explanation   The named virtual service has failed. It is no longer running either because the guest OS has failed, the guest OS has shut down the machine or the emulator has failed.

Recommended Action   An attempt at restarting the virtual service can be made from the IOS configuration by doing a no activate/activate. For debugging collect the Virt-manager logs and scan them for the cause.

VMAN-3

Message   VMAN-3-PSS_ERR: Purpose: [chars], URI: [chars], errcode: [dec]

Explanation   Persistent Storage Service handling error

Recommended Action   Collect the Virt-manager logs and scan them for the cause.

Message   VMAN-3-PSS_SNAPSHOT_ERR: Source URI: [chars], Destination URI: [chars], errcode: [dec]

Explanation   Persistent Storage Service snapshot error

Recommended Action   Collect the Virt-manager logs and scan them for the cause.

Message   VMAN-3-SDWRAP_ERR: Description: [chars], errcode: [dec]

Explanation   Debug infrastructure error

Recommended Action   Collect the Virt-manager logs and scan them for the cause.

VMAN-4

Message   VMAN-4-WATCHDOG_TIMER: [chars] [chars]'[chars][chars]'

Explanation   The watchdog timer configured for the named virtual service has expired.

Recommended Action   Check any logs produced by the virtual service to determine the cause.

VMAN-5

Message   VMAN-5-AUX: Virtual Service [chars]

Explanation   The AUX login to a virtual service may allow the user access to system functions that may not have been tested or may interact with the system in unintended ways. Use with caution.

Recommended Action   No action is required

Message   VMAN-5-UNSIGNED_PACKAGE: Unsigned software package [chars] loaded for service container [chars].

Explanation   A software package without a code signing certificate has been loaded.

Recommended Action   Take note of the service container and software package. Verify the software package is expected to be unsigned and has the appropriate contents. Un-install the package if unsure of the package origins.

Message   VMAN-5-VIRT_INST: LOG FROM VIRTUAL SERVICE [chars]: [chars]

Explanation   The named virtual service has triggered the log. Please interpret the log in the context of the virtual services.

Recommended Action   No action is required

VMM Messages

This section contains the VMM messages.

VMM-2

Message   VMM-2-VMM_DBG_SEQDELAY_LOG: VDC[dec]: Sending [chars] mts([chars]) request to service [dec] for slot [dec].

Explanation   VMM sent request for the sap mentioned

Recommended Action   No action is required.

Message   VMM-2-VMM_SERVICE_ERR: VDC[dec]: Service SAP [chars] for slot [chars] returned error [hex] ([chars]) in [chars] sequence

Explanation   Service returned error in the specified sequence

Recommended Action   No action is required.

Message   VMM-2-VMM_TIMEOUT: VDC[dec]: Service SAP [chars] for slot [chars] timed out in [chars] sequence

Explanation   Service did not respond in the specified sequence

Recommended Action   No action is required.

VNI Messages

This section contains the VNI messages.

VNI-2

Message   VNI-2-ALLOC_MEMORY: Memory allocation failed

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

Recommended Action   No action is required.

VNI-3

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

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

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

VNI-6

Message   VNI-6-INTERFACE_EVENT: VSAN interface [chars] [chars]

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

Recommended Action   No action is required.

Message   VNI-6-STARTING: Virtual Network Interface Manager started

Explanation   The service has successfully started.

Recommended Action   No action is required.

Message   VNI-6-VSAN_DELETED: VSAN [dec] has been deleted

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

Recommended Action   No action is required.

VNTAGC Messages

This section contains the VNTAGC messages.

VNTAGC-5

Message   VNTAGC-5-VNTAGC_GENERIC_SYSLOG: [chars]

Explanation   This syslog is used for the purpose of internal debugging of VNTAG client.

Recommended Action   If this log is seen, then the syslog level might be set to notifications (5). Please modify syslog level accordingly or ignore this syslog, as no action is required for the same.

VNTAG_MGR Messages

This section contains the VNTAG_MGR messages.

VNTAG_MGR-2

Message VNTAG_MGR-2-MCAST_DVIF_ALLOC_FAILURE: DVIF allocation failure during MCAST group creation. TCB RID: [hex]. MCAST LTL: [hex]. Reason: [chars].

Explanation   MCAST DVIF allocation for MCAST group.

Recommended Action   No action is required.

Message VNTAG_MGR-2-VLAN_DVIF_ALLOC_FAILURE: DVIF allocation failure for VLANs [chars]. Reason: [chars].

Explanation   Flood DVIF allocation failure for VLANs.

Recommended Action   No action is required.

Message VNTAG_MGR-2-VNTAG_MGR_OMF_DVIF_ALLOC_FAIL: OMF DVIF allocation failed (DVIF exhaustion).To enable OMF you need to shut down a VLAN/MCAST group

Explanation   OMF DVIF reservation failed (dvif exhaustion). To enable OMF a VLAN or MCAST group needs to be disabled to get a free dvif.

Recommended Action   No action is required.

Message VNTAG_MGR-2-VNTAG_SEQ_ERROR: [chars]

Explanation   Some step in an event sequence has failed

Recommended Action   No action is required.

Message VNTAG_MGR-2-VNTAG_SEQ_TIMEOUT: [chars]

Explanation   Event sequence timeout

Recommended Action   No action is required.

VNTAG_MGR-4

Message VNTAG_MGR-4-VNTAG_MIXED_FPC_HIFPC_PAYLOAD: [chars]

Explanation   This not allowed from PIXM itself, but could happen due to some incorrect MBL batching.

Recommended Action   No action is required.

Message   VNTAG_MGR-4-VNTAG_PRUNED_L3_PORT: Port [hex] will not be added to FEX forwarding table as it is a L3 port.

Explanation   To avoid sending multi destination traffic to L3 ports we do not add them to FEX forwarding table.

Recommended Action   No action is required.

VNTAG_MGR-5

Message   VNTAG_MGR-5-VNTAG_MGR_DISABLED: VNTag Manager Disabled

Explanation   VNTag Manager Service Disabled

Recommended Action   No action is required.

Message   VNTAG_MGR-5-VNTAG_MGR_ENABLED: VNTag Manager Enabled

Explanation   VNTag Manager Service Enabled

Recommended Action   No action is required.

Message   VNTAG_MGR-5-VNTAG_MGR_GENERIC_SYSLOG: [chars]

Explanation   VNTag Manager Generic Syslog

Recommended Action   No action is required.

VPC Messages

This section contains the VPC messages.

VPC-2

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

Explanation   Peer keep-alive receive failed

Recommended Action   No action is required.

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

Explanation   Peer keep-alive send failed

Recommended Action   No action is required.

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

Explanation   VPC bringup failed

Recommended Action   No action is required.

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

Explanation   VPC tracked object down

Recommended Action   No action is required.

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

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

Recommended Action   No action is required.

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

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

Recommended Action   No action is required.

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

Explanation   Failed to find common lid.

Recommended Action   No action is required.

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

Explanation   Triggered in mcecm_em_es_failed. Bring down peer-link.

Recommended Action   No action is required.

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

Explanation Triggered in mcecm_cfg_es_failed when peer-link bringup fails.

Recommended Action No action is required.

Message VPC-2-ASIC_FAILURE_NOTIF: ASIC failure received from nohms in domain [dec]

Explanation ASIC failure notification: From the code, the switch detects an ASIC error and tries to
recover the error by suspend vPC Keepalive, suspend vPCs and flap peer link.

Recommended Action Locate the module from the error message and replace the module. If the
problem happens to multiple linecard or chassis, please contact TAC.

Message VPC-2-VPC_GRACEFUL_SUSP_ALL_VPC: Operational graceful type-1 check
configuration changed, reinstating all vPCs

Explanation Graceful configuration change, reinit vPCs

Recommended Action No action is required.

Message VPC-2-VPC_ISSU_END: Peer vPC switch ISSU end, unlocking configuration

Explanation Peer vPC switch issu end

Recommended Action No action is required.

Message VPC-2-VPC_ISSU_START: Peer vPC switch ISSU start, locking configuration

Explanation Peer vPC switch issu start

Recommended Action No action is required.

Message VPC-2-VPC_LC_FAIL: LC [dec] does not support required hardware for vPC;
run show vdc membership status' for port status'

Explanation LC insertion failed

Recommended Action No action is required.

Message VPC-2-VPC_NON_DEF_LID: vPC+ negotiated non-default local id. Flapping
orphan edge ports recommended.

Explanation Triggered in mcecm_em_es_failed. Bring down peer-link.

Recommended Action No action is required.

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

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

Recommended Action   No action is required.

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

Explanation   Triggered when vPC DB and IM SDB are inconsistent

Recommended Action   No action is required.

Message `VPC-2-VPC_SUSP_ALL_VPC: Peer-link going down, suspending all vPCs on secondary`

Explanation   Peer link down suspend vPCs

Recommended Action   No action is required.

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

Explanation   VPC track object un-configured

Recommended Action   No action is required.

Message `VPC-2-VPC_SDB_UPD_FAIL: Failed to update shared database. De-config and config vPC [dec] to be consistent.`

Explanation   SDB update failed while updating

Recommended Action   No action is required.

VPC-3

Message `VPC-3-GLOBAL_CONSISTENCY_FAILED: In domain [dec], global configuration is not consistent ([chars])`

Explanation   Global compact-check failed

Recommended Action   No action is required.

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

Explanation   MCEC compact-check failed

Recommended Action   No action is required.

Message   VPC-3-PEER_UNREACHABLE: Remote Switch Unreachable

Explanation   Peer unreachable

Recommended Action   No action is required.

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

Explanation   Peer vPC bringup failed

Recommended Action   No action is required.

Message   VPC-3-VPCM_ASSERTION_FAILED: [chars]

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

Recommended Action   No action is required.

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

Explanation   VPCM Initialization failed. due to [chars]

Recommended Action   No action is required.

Message   VPC-3-VPCM_INTERNAL_ERR: [chars]

Explanation   VPCM encountered an internal error due to [chars]

Recommended Action   No action is required.

Message   VPC-3-VPCM_MTS_ERR: [chars]

Explanation   VPCM encountered an MTS error due to [chars]

Recommended Action   No action is required.

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

Explanation   VPC bringup failed

Recommended Action   No action is required.

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

Explanation   VPC Peer-link bringup failed

Recommended Action   No action is required.

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

Explanation   VPC Peer link is down

Recommended Action   No action is required.

VPC-4

Message `VPC-4-FTAG_UPD_PORT_DWN: Warning: receive FTAG update while port is going down`

Explanation   Receive FTAG update while port is going down

Recommended Action   No action is required.

Message `VPC-4-OOB_DWN_BUT_WAS_ALIVE: Warning: Bring up peer-link when peer keep-alive is down`

Explanation   Try to bring up MCT when OOB fails.

Recommended Action   No action is required.

Message `VPC-4-PEER_VPC_DELETED: Peer vPC [dec] deleted`

Explanation   Peer vPC configuration deleted

Recommended Action   No action is required.

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

Explanation   Global Consistency check for vPC failed for new vlans

Recommended Action   No action is required.

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

Explanation   VPC configuration deleted

Recommended Action   No action is required.

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

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

Recommended Action   No action is required.

Cisco MDS 9000 Family and Nexus 7000 Series NX-OS System Messages Reference

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

Explanation   Failed to deliver LC upgrade to peer

Recommended Action   No action is required.

Message   VPC-4-VPC_PEER_LINK_DELETED: vPC Peer-link deleted. This will bring down all vPC interfaces

Explanation   VPC Peer-link configuration removed

Recommended Action   No action is required.

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

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

Recommended Action   No action is required.

Message   VPC-4-VPC_PER_VLAN_NO_SUPPORT: image that does not support per-vlan type-1 check will not bring down/up any vlan (i.e. nothing will happen) until next compat-check.

Explanation   Triggered when ISSU/ISSD to an image which does not support per-vlan compat-check

Recommended Action   No action is required.

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

Explanation   Global Consistency check for vPC failed for few vlans

Recommended Action   No action is required.

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

Explanation   Initializing vpcs assuming peer dead

Recommended Action   No action is required.

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

Explanation   VPC role status changed to (Primary/Secondary

Recommended Action   No action is required.

VPC-5

Message VPC-5-GLOBAL_CONSISTENCY_SUCCESS: In domain [dec], global configuration is consistent

    Explanation   Global compact-check passed

    Recommended Action   No action is required.

Message VPC-5-INTF_CONSISTENCY_SUCCESS: In domain [dec], vPC [dec] configuration is consistent

    Explanation   VPC configuration is consistent

    Recommended Action   No action is required.

Message VPC-5-PEER_KEEP_ALIVE_RECV_INT_LATEST: In domain [dec], VPC peer-keepalive received on interface [chars]

    Explanation   VPC peer-keepalive receive interface changed

    Recommended Action   No action is required.

Message VPC-5-PEER_KEEP_ALIVE_RECV_SUCCESS: In domain [dec], vPC peer keep-alive receive is successful

    Explanation   Peer keep-alive receive successful

    Recommended Action   No action is required.

Message VPC-5-PEER_KEEP_ALIVE_SEND_INT_LATEST: In domain [dec], VPC peer-keepalive sent on interface [chars]

    Explanation   VPC peer-keepalive send interface changed

    Recommended Action   No action is required.

Message VPC-5-PEER_KEEP_ALIVE_SEND_SUCCESS: In domain [dec], vPC peer keep-alive send is successful

    Explanation   Peer keep-alive send successful

    Recommended Action   No action is required.

Message VPC-5-PEER_KEEP_ALIVE_STATUS: In domain [dec], peer keep-alive status changed to [chars]

>   **Explanation**   Peer keep-alive (oob) status is changed to <peer-alive

>   **Recommended Action**   Peer-not-alive

Message VPC-5-ROLE_PRIORITY_CFGD: In domain [dec], vPC role priority changed to [dec]

>   **Explanation**   Role priority configured

>   **Recommended Action**   No action is required.

Message VPC-5-SYSTEM_MAC_CFGD: In domain [dec], vPC system-mac changed to [chars]

>   **Explanation**   System mac configured

>   **Recommended Action**   No action is required.

Message VPC-5-SYSTEM_PRIO_CFGD: In domain [dec], vPC system priority changed to [dec]

>   **Explanation**   System priority changed

>   **Recommended Action**   No action is required.

Message VPC-5-VPCM_DISABLED: vPC Manager disabled

>   **Explanation**   VPCM Service Disabled

>   **Recommended Action**   No action is required.

Message   VPC-5-VPCM_ENABLED: vPC Manager enabled

>   **Explanation**   VPCM Service Enabled

>   **Recommended Action**   No action is required.

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

>   **Explanation**   VPC delay interface-vlan restore timer expired

>   **Recommended Action**   No action is required.

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

   Explanation VPC delay interface-vlan restore timer start

   Recommended Action No action is required.

Message `VPC-5-VPC_DOWN: vPC [dec] is down ([chars])`

   Explanation VPC is down (reason)

   Recommended Action No action is required.

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

   Explanation VPC Peer-link is up

   Recommended Action No action is required.

Message `VPC-5-VPC_RESTORE_TIMER_EXPIRED: vPC restore timer expired, reiniting vPCs`

   Explanation VPC restore timer expired

   Recommended Action No action is required.

Message `VPC-5-VPC_RESTORE_TIMER_START: vPC restore timer started to reinit vPCs`

   Explanation VPC restore timer start

   Recommended Action No action is required.

Message `VPC-5-VPC_ROLE_PREMPT: In domain [dec], vPC role pre-emption triggered`

   Explanation VPC preemption triggered

   Recommended Action No action is required.

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

   Explanation MCEC is UP

   Recommended Action No action is required.

VPC-6

Message `VPC-6-PEER_LOCK_FAILED: Locking failed on peer switch - Aborting upgrade!!`

Explanation   Locking failed on peer switch

Recommended Action   No action is required.

Message `VPC-6-PEER_VPC_CFGD_VLANS_CHANGED: Peer vPC [dec] configured vlans changed`

Explanation   Remote MCEC configured vlans Changed

Recommended Action   No action is required.

Message `VPC-6-PEER_VPC_CFGD: peer vPC [dec] is configured`

Explanation   VPC is configured

Recommended Action   No action is required.

Message `VPC-6-PEER_VPC_DOWN: Peer vPC [dec] is down ([chars])`

Explanation   Peer vPC is down

Recommended Action   No action is required.

Message `VPC-6-PEER_VPC_UP: Peer vPC [dec] is up`

Explanation   Peer vPC is up

Recommended Action   No action is required.

Message `VPC-6-STATS_CLEARED: vPC Statistics Cleared`

Explanation   VPC statistics cleared

Recommended Action   No action is required.

Message `VPC-6-TRACK_OBJ_CONFIGURED: In domain [dec], track object configured [dec]`

Explanation   VPC track object configured

Recommended Action   No action is required.

Message VPC-6-TRACK_OBJ_DELETED: In domain [dec], track object deleted

Explanation VPC track object un-configured

Recommended Action No action is required.

Message VPC-6-TYPE1_PARAM_CHANGED: TYPE-1 parameters changed: [chars]

Explanation Type-1 Parameters Changed

Recommended Action No action is required.

Message VPC-6-VPCM_INTERNAL_INFO: [chars]

Explanation VPCM got an internal info [chars]

Recommended Action No action is required.

Message VPC-6-VPC_ALLOWED_VLAN_CHANGED: vPC [dec] operational vlans changed

Explanation Operational vlans changed on vPC

Recommended Action No action is required.

Message VPC-6-VPC_CFGD: vPC [dec] is configured

Explanation VPC is configured

Recommended Action No action is required.

Message VPC-6-VPC_CONSISTENCY_CHECK_BYPASS: Bypassing consistency check for vPC: [dec]

Explanation Bypassing consistency check for vpcs

Recommended Action No action is required.

Message VPC-6-VPC_CONSISTENCY_NEW_VLAN_PASS: Global Consistency check for vPC passed for new vlans

Explanation Global Consistency check for vPC passed for new vlans

Recommended Action No action is required.

Message VPC-6-VPC_DOMAIN_ID_CFGD: vPC domain-id configured to [dec]

Explanation VPC domain-id configured

Recommended Action No action is required.

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Message VPC-6-VPC_ES_EGRESS_DF_STATE_CHANGED: Egress designated forwarder state changed from [chars] to [chars] for vPC [dec].

Explanation   DF state changed for some vPC.

Recommended Action   No action is required.

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

Explanation   Fabricpath switch ID configured

Recommended Action   No action is required.

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

Explanation   Fabricpath switch ID removed

Recommended Action   No action is required.

Message   VPC-6-VPC_PEER_LINK_CFGD: vPC peer-link is configured

Explanation   VPC Peer-link is configured

Recommended Action   No action is required.

Message VPC-6-VPC_PER_VLAN_CONSISTENCY_PASSED: Global Consistency check for vPC passed for all vlans

Explanation   Global Consistency check for vPC passed for all vlans

Recommended Action   No action is required.

VPM Messages

This section contains the VPM messages.

VPM-2

Message   VPM-2-GENERAL_ERROR: [chars]

Explanation   The VP Manager has encountered an critical error. The description of error is [str.]

Recommended Action   No action is required.

Message   VPM-2-MALLOC_ERROR: Size [dec] bytes

Explanation   The VP Manager could not allocate memory.

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

Message   VPM-2-PSS_ERROR: [chars]

Explanation   The VP Manager encountered error while operating on a persistent storage database.

Recommended Action   No action is required.

Message   VPM-2-VPMON_CRIT: [chars] [dec]

Explanation   VPMON daemon critical message

Recommended Action   No action is required.

Message   VPM-2-VPMON_DPP_DOWNLOAD: HB failure, Restarting the DPP [dec]

Explanation   VPMON daemon re-downloading DPP(s)

Recommended Action   ISAPI API users need to re-download config data to fast path

Message   VPM-2-VPMON_DPP_RELOAD_FORCE: Force reload of DPP(s) [chars]: [chars]

Explanation   VPMON daemon critical action message

Recommended Action   No action is required.

VPM-3

Message   VPM-3-PSS_SYNC_TO_STNDBY_FAILED: PSS TYPE=[chars] KEY=[chars]

Explanation   Could not send PSS Sync. notification to Standby Supervisor. PSS Type=[str.] Operation=[.str] Key=[Str.]

Recommended Action   No action is required.

Message   VPM-3-SEND_TO_ILC_FAILED: [chars]

Explanation   The VP Manager could not send to ILC for DG=[chars], at slot=[dec] processor=[dec] and SAP=[dec].

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

Message   VPM-3-SEND_TO_SNMP_AGENT_FAILED: [chars]

Explanation   The VP Manager could not send to SNMP Agent for DG=[chars].

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

Message   VPM-3-UNKNOWN_MSG: Recvd. from Node=[dec] SAP=[dec]

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

Recommended Action   No action is required.

Message   VPM-3-VPM_PSS_CORRUPTED: [chars] PSS found corrupted

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

Recommended Action   No action is required.

VPM-4

Message   VPM-4-PSS_VERSION_MISMATCH: PSS [dec] Code [dec]

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

Recommended Action   No action is required.

VPM-6

Message   VPM-6-BECAME_ACTIVE: Became ACTIVE from standby mode

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

Recommended Action   No action is required.

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

Explanation   The VP Manager became standby from active mode.

Recommended Action   No action is required.

Message VPM-6-DG_DEREGISTERED: [chars]

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

Recommended Action No action is required.

Message VPM-6-DG_REGISTERED: [chars]

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

Recommended Action No action is required.

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

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

Recommended Action No action is required.

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

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

Recommended Action No action is required.

Message VPM-6-GENERAL_EVENT: [chars]

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

Recommended Action No action is required.

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

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

Recommended Action No action is required.

Message VPM-6-PSS_DESTROYED: [chars] PSS Destroyed

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

Recommended Action No action is required.

Message   VPM-6-SERVICE_UP: Initialized [chars]

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

Recommended Action   No action is required.

Message   VPM-6-SWITCHOVER: Switching Over to other Sup.

Explanation   The VP Manager has successfully switched over to the standby supervisor card.

Recommended Action   No action is required.

Message   VPM-6-VPMON_INFO: [chars]

Explanation   VPMON daemon informational message

Recommended Action   No action is required.

Message   VPM-6-VPMON_STARTING: deamon started

Explanation   The VPMON daemon successfully started

Recommended Action   No action is required.

Message   VPM-6-VPM_MDS_LICENSE_GRACE: MDS LICENSE in grace period for feature: [chars]

Explanation   MDS license is in grace period. Please retrieve a new MDS license

Recommended Action   No action is required.

Message   VPM-6-VPM_MDS_LICENSE_REVOKED: MDS LICENSE REVOKED for feature: [chars]

Explanation   MDS license is revoked. Please retrieve a new MDS license

Recommended Action   No action is required.

Message   VPM-6-VPM_MDS_TIMED_LICENSE: Timed MDS LICENSE for feature: [chars]

Explanation   Timed MDS license

Recommended Action   No action is required.

VPM-SLOT#-2

Message `VPM-SLOT#-2-CPP_CATASTROPHIC_ERROR: ERROR: Component ([chars]) caused critical error please reboot SSM`

Explanation Component caused critical error

Recommended Action Restart the linecard

VRRP-CFG Messages

This section contains the VRRP-CFG messages.

VRRP-CFG-2

Message `VRRP-CFG-2-ALLOC_MEMORY: Memory allocation failed`

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

Recommended Action No action is required.

Message `VRRP-CFG-2-VSH_REGISTER_FAIL: VSH registration failed returning [dec]`

Explanation VRRP sparse tree registration with VSH failed'

Recommended Action No action is required.

VRRP-CFG-3

Message `VRRP-CFG-3-INIT_FAILED: Initialization failed. Component [chars]`

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

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

Message `VRRP-CFG-3-VRRP_FEATURE_MANAGER_ERROR: Error in feature manager operation`

Explanation The feature manager operation did not go through fine

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

VRRP-CFG-5

Message VRRP-CFG-5-STARTING: VRRP Manager service started

Explanation   The service successfully started.

Recommended Action   No action is required.

VRRP-ENG Messages

This section contains the VRRP-ENG messages.

VRRP-ENG-2

Message   VRRP-ENG-2-ALLOC_MEMORY: Memory allocation failed

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

Recommended Action   No action is required.

Message   VRRP-ENG-2-VR_FAILURE: Error in VDH=[chars] [dec] interface [chars].
Going to inti state

Explanation   The VR [dec] on the interface [chars] is in inti state for an internal error.

Recommended Action   Show interface to check the status of the interface, show configuration, status
and statistics of the specified virtual router, enable the vrrp debug and shut/ no shut the specified
virtual router.

VRRP-ENG-3

Message VRRP-ENG-3-ARP_INIT_ERROR: Failed to inti ARP, ret [hex], errno [dec]

Explanation   VRRP-ARP interaction failed.

Recommended Action   No action is required.

Message   VRRP-ENG-3-BFD_IF_SESSION_REMOVAL_ERROR: Failed to remove interface level
VRRP-BFD sessions ([hex] [hex]), Refer logs

Explanation   Please refer internal error history for more details.

Recommended Action   No action is required.

Message VRRP-ENG-3-BFD_SESSION_ADD_ERROR: Failed to add a few VRRP-BFD sessions ([hex] [hex]), Refer logs

Explanation Please refer internal error history for more details.

Recommended Action No action is required.

Message VRRP-ENG-3-BFD_SESSION_CREATION_ERROR: Failed to create BFD session information ([hex] [hex]), Refer logs

Explanation Please refer internal error history for more details.

Recommended Action No action is required.

Message VRRP-ENG-3-BFD_SESSION_REMOVAL_ERROR: Failed to remove a few VRRP-BFD sessions ([hex] [hex]), Refer logs

Explanation Please refer internal error history for more details.

Recommended Action No action is required.

Message VRRP-ENG-3-INIT_FAILED: Initialization failed. Component [chars]

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

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

Message VRRP-ENG-3-IP_INIT_ERROR: Failed to init IP, ret [hex], errno [dec]

Explanation VRRP-IP interaction failed.

Recommended Action No action is required.

Message VRRP-ENG-3-L3VM_INIT_ERROR: Failed to init L3VM, ret [hex], errno [dec]

Explanation VRRP-L3VM interaction failed.

Recommended Action No action is required.

Message VRRP-ENG-3-URIB_INIT_ERROR: Failed to init URIB, ret [hex], errno [dec]

Explanation VRRP-URIB interaction failed.

Recommended Action No action is required.

VRRP-ENG-4

Message VRRP-ENG-4-BAD_ADV: VR[chars] ID [dec] on interface [chars] bad
advertisement received: reason [chars]

Explanation The virtual router specified has received an invalid advertisement.

Recommended Action Check that all VRRP nodes have the same configuration.

VRRP-ENG-5

Message VRRP-ENG-5-INTERFACE_DOWN: Cannot start the VR[chars] [dec] since the
interface [chars] is down

Explanation The specified VR is enabled but cant change state from in it. The specified interface is
down or doesn't have a primary IP address configured.'

Recommended Action No action is required.

Message VRRP-ENG-5-INTERFACE_STATE_CHANGE: Interface [chars] state changed to
[chars]

Explanation The interface specified has changed state This could have triggered a VRRP status
change.

Recommended Action No action is required.

Message VRRP-ENG-5-INVALID_CONFIG: Cannot start the VR[chars] [dec] on the
interface [chars]. Invalid IP configuration. Reason: [chars]

Explanation The specified VR on interface [chars] is enabled but the IP configuration is not valid
because of [chars].

Recommended Action Show interface to check that the IP address of the interface is configured and
it is in the same subnet of the virtual router address.

Message VRRP-ENG-5-STARTING: VRRP Engine service started

Explanation The service successfully started.

Recommended Action No action is required.

Message VRRP-ENG-5-VR_STATE_CHANGE: VR[chars] ID [dec] on interface [chars] state
changed to [chars], event [chars]

Explanation The status of the specified virtual router has changed to [chars].

Recommended Action No action is required.

VRRP-ENG-6

Message `VRRP-ENG-6-VSHA_RESULT: VR ID [dec] on interface [chars] state change request result [chars]`

Explanation The result of the request for status change on the virtual router (with VSHA extension) specified is [chars].

Recommended Action No action is required.

VSAN Messages

This section contains the VSAN messages.

VSAN-2

Message `VSAN-2-PROGRAM_EXIT: process exiting with reason: [chars]`

Explanation VSAN manager process is exiting with reason [chars].

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

VSAN-3

Message `VSAN-3-CFS_OPERATION_FAILED: cfs [chars] operation failed: [chars]`

Explanation Cfs operation [chars1] has failed. [chars2]

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

Message `VSAN-3-MEM_ALLOC_FAILED: alloc failed for size:[dec]`

Explanation Memory allocation of size [dec] failed.

Recommended Action Do "show process memory" command to see memory usage of processes.

Message `VSAN-3-MESSAGE_ERROR: could not handle message: [chars] of type [dec] sent by addr [dec]:[dec]`

Explanation Got an IPC message [chars] of type [dec1] sent by a component running on node [dec2] with sap [dec3].

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

VSAN-6

Message   VSAN-6-ACTIVATED: VSAN:[dec] changing from suspended to active

Explanation   Making VSAN with ID [dec] active from suspended state.

Recommended Action   No action is required.

Message   VSAN-6-CFS_MERGE_NOT_SUPPORTED: merging of fctimer configuration data is not supported

Explanation   Merging of fctimer configuration data using cfs is not supported

Recommended Action   No action is required.

Message   VSAN-6-CREATED: Created VSAN:[dec] with name:[chars]

Explanation   Created VSAN with ID [dec] and name [chars].

Recommended Action   No action is required.

Message   VSAN-6-MEMBERSHIP_UPDATE: Updated membership for interface:[chars] with VSAN:[dec]

Explanation   Updating membership for interface [chars] with VSAN [dec].

Recommended Action   No action is required.

Message   VSAN-6-REMOVED: Removed VSAN:[dec]

Explanation   Removed VSAN with ID [dec].

Recommended Action   No action is required.

Message   VSAN-6-SUSPENDED: VSAN:[dec] changing from active to suspended

Explanation   Suspending VSAN with ID [dec] from active state.

Recommended Action   No action is required.

Message   VSAN-6-TRUNKING_MEMBERSHIP_UPDATE: trunking membership updated for interface:[chars] with VSAN bitmap:[chars]

Explanation   Updated trunking membership for interface [chars1] with allowed VSAN list [chars2].

Recommended Action   No action is required.

VSC Messages

This section contains the VSC messages.

VSC-SLOT#-2

Message VSC-SLOT#-2-CPP_CATASTROPHIC_ERR: ERROR: Component ([chars]) caused critical error

Explanation   Virtualization software suffers critical error

Recommended Action   Perform graceful shutdown and restart the linecard

Message   VSC-SLOT#-2-CPP_RELOAD: Component ([chars]) is reloading the linecard

Explanation   No response to critical error notification from application

Recommended Action   Response to critical error notification and perform graceful shutdown

Message   VSC-SLOT#-2-REGISTER_NOTIF_REPLY_FAILED: Component ([chars]) fails to register to receive notification reply

Explanation   System will not receive partner notification reply

Recommended Action   Virtualization software will restart the linecard after reply timeout.

VSC-SLOT#-3

Message   VSC-SLOT#-3-SSM_GET_SW_CARDID: Get SSM software card ID failed

Explanation   SSM get software card ID failed

Recommended Action   There is a serious error and the linecard need to be restarted

VSC-SLOT#-5

Message   VSC-SLOT#-5-RX_PS_CRITICAL_NOTIF_REPLY: Component ([chars]) receives critical error notification reply

Explanation   Partner software will handle critical error

Recommended Action   Virtualization software wont restart the line card. It is partner software responsibility to do shutdown

VSD Messages

This section contains the VSD messages.

VSD-SLOT#-2

Message   VSD-SLOT#-2-CPP_CATASTROPHIC_ERROR: ERROR: Component ([chars]) caused critical error please reboot SSM

Explanation   Component caused critical error

Recommended Action   Restart the linecard

VSD-SLOT#-6

Message   VSD-SLOT#-6-VSD_INFO: [chars]

Explanation   VSD daemon informational message

Recommended Action   No action is required.

VSHA Messages

This section contains the VSHA messages.

VSHA-3

Message   VSHA-3-VSHA_INIT_FAILED: Initialization failed. Component [chars]

Explanation   The service failed to start. The failure is happened initializing the specified component

Recommended Action   No action is required.

Message   VSHA-SLOT#-3-LOG_VSHA_STATE_TIMEOUT: VSHA Shutting Down. Deport Wait Timeout for sg: [chars] (vrid [dec]).

Explanation   SG was being shutdown. But DG could not be deported within specified time by the linecard

Recommended Action   No action is required.

Message `VSHA-SLOT#-3-LOG_VSHA_STATE: VSHA Shutting Down. Failure to deport dg:` `[chars] from sg: [chars] (vrid [dec]).`

Explanation DG was either removed from SG or SG was offline. But DG could not be deported by the linecard

Recommended Action No action is required.

VSHA-SLOT#-5

Message `VSHA-SLOT#-5-LOG_VSHA_ARBT_DISK_STATE: Arbitration_disk [chars] for` `Service_Group [chars] (vrid [dec]) in error state`

Explanation FCDD has reported arbt_disk as deleted/no longer accessible.

Recommended Action No action is required.

Message `VSHA-SLOT#-5-LOG_VSHA_DG_STATE: Disk_Group [chars] from Service_Group` `[chars] (vrid [dec]) in error state`

Explanation VSHA resource monitor has detected DG is not accessible.

Recommended Action No action is required.

Message `VSHA-SLOT#-5-LOG_VSHA_SG_STATE: State change for sg [chars] (vrid [dec]).` `New state is [chars]. State change reason is [chars]`

Explanation Either a fail over or user command caused a sg state change.

Recommended Action No action is required.

VSHD Messages

This section contains the VSHD messages.

VSHD-2

Message `VSHD-2-VSHD_SYSLOG_EOL_ERR: EOL function [chars] from library [chars]` `exited due to Signal [dec]`

Explanation Error in CLI EOL function

Recommended Action No action is required.

Message VSHD-2-VSHD_SYSLOG_PSS_SNAPSHOT_ERR: Source URI:[chars] Destination URI:[chars] errcode:[dec]

Explanation PSS snapshot error

Recommended Action No action is required.

Message VSHD-2-VSHD_SYSLOG_SDWRAP_ERR: Description:[chars] errcode:[dec]

Explanation Debug infrastructure error

Recommended Action No action is required.

VSHD-3

Message VSHD-3-VSHD_ROLE_DISTRIBUTE_FAILURE: Role distribution operation ([chars]) failed with error id [hex]

Explanation This is probably occurring due to unstable fabric

Recommended Action Please retry operation when fabric is stable

Message VSHD-3-VSHD_SYSLOG_FILE_ERR: Purpose:[chars] Filename:[chars] errcode:[dec]

Explanation File handling error

Recommended Action No action is required.

Message VSHD-3-VSHD_SYSLOG_MTS_ERR: message [chars]

Explanation MTS message handling error

Recommended Action No action is required.

Message VSHD-3-VSHD_SYSLOG_PARSE_TREE_ERR: [chars]

Explanation Error while updating parse tree in shell

Recommended Action No action is required.

Message VSHD-3-VSHD_SYSLOG_PSS_ERR: Purpose:[chars] URI:[chars] errcode:[dec]

Explanation PSS handling error

Recommended Action No action is required.

VSHD-4

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

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

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

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

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

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

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

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

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

VSHD-5

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

Explanation Configuration change notification

Recommended Action No action is required.

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

Explanation CLI Configuration mode was exited

Recommended Action No action is required.

Message VSHD-5-VSHD_SYSLOG_ROLE_CREATED: New cli role [chars] created

Explanation New cli role created.

Recommended Action No action is required.

VSHD-7

Message VSHD-7-VSHD_SYSLOG_PARSE_TREE_UPDATE: Parse tree [chars]

Explanation Parse tree updated in shell

Recommended Action No action is required.

VTP Messages

This section contains the VTP messages.

VTP-0

Message VTP-0-EMERGENCY_MSG: [chars]

Explanation VTP Emergency Message

Recommended Action Capture show tech-support vtp

VTP-1

Message VTP-1-ALERT_MSG: [chars]

Explanation VTP Alert Message

Recommended Action Capture show tech-support vtp

VTP-2

Message VTP-2-CRITICAL_MSG: [chars]

Explanation VTP Critical Message

Recommended Action No action is required.

Message VTP-2-VTP_MODE_OFF_LONG_VLAN_NAME_EXIST: VTP Mode changed to off as long vlan configuration exists

Explanation By default, VTP feature comes up in Server mode. long vlans can only operate in VTP transparent/off mode As long Vlan configuration already exist, VTP mode is changed to off.

Recommended Action No action is required.

Message `VTP-2-VTP_MODE_OFF_PVLAN_EXIST: VTP Mode changed to off as Private VLAN configuration exists`

Explanation   By default, VTP feature comes up in Server mode. Private vlans can only operate in VTP transparent/off mode As Private Vlan configuration already exist, VTP mode is changed to off.

Recommended Action   No action is required.

Message `VTP-2-VTP_MODE_OFF_RESERVED_VLAN_EXIST: VTP Mode changed to off as reserved vlan configuration exists`

Explanation   By default, VTP feature comes up in Server mode. reserved vlans can only operate in VTP transparent/off mode As Reserved Vlan configuration already exist, VTP mode is changed to off.

Recommended Action   No action is required.

Message `VTP-2-VTP_MODE_TRANSPARENT_VLAN_RES_LIMIT_EXIST: VTP Mode changed to transparent as vlan resource limit configuration exists`

Explanation   By default, VTP feature comes up in Server mode. resource limit configuration can only operate in VTP transparent/off mode As vlan resource limit configuration exists, VTP mode is changed to transparent.

Recommended Action   No action is required.

VTP-3

Message `VTP-3-ERROR_MSG: [chars]`

Explanation   VTP Message

Recommended Action   No action is required.

VTP-4

Message `VTP-4-BAD_STARTUP_VLAN_CONFIG_FILE: Failed to configure VLAN from startup-config. Fallback to use VLAN configuration file from non-volatile memory`

Explanation   VLAN software failed to use VLAN configuration from startup-config file. It will fallback to use the binary VLAN configuration file in non-volatile memory.

Recommended Action   No action is required.

Message `VTP-4-VLAN_CREATE_FAIL: Failed to create VLANs [chars]: [chars]`

Explanation   The VLANs specified in the error message could not be created. The VLAN manager called an VLAN database routine to create one or more VLANs, but the Vlan Manager failed the VLAN creation requests.

Recommended Action   Collect show tech-support

Message   `VTP-4-VTP_BAD_VLAN_CONFIGURATION_FILE_VERSION: VLAN configuration file contained unknown file version: [dec]`

Explanation   The VLAN configuration file read by the VLAN manager contained an unrecognized file version number. (This may indicate an attempt to regress to an older version of the VLAN manager software.)

Recommended Action   LOG_STD_ACTION

Message   `VTP-4-VTP_BAD_VLAN_CONFIGURATION_FILE: Vlan configuration file contained incorrect verification word: [hex]`

Explanation   The VLAN configuration file read by the VLAN manager did not begin with correct value which would indicate a valid VLAN configuration file. Thus, it has been rejected.

Recommended Action   Collect show tech-support

Message   `VTP-4-VTP_BAD_VLAN_DOMAIN_NAME_LENGTH: VLAN configuration file contained incorrect domain name length: [dec]`

Explanation   The VLAN configuration file read by the VLAN manager did not contain a valid domain name length. Thus, it has been rejected.

Recommended Action   Please provision VTP domain name again

Message   `VTP-4-VTP_BAD_VLAN_PASSWORD_LENGTH: VLAN configuration file contained incorrect VTP password length: [dec]`

Explanation   The VLAN configuration file read by the VLAN manager did not contain a valid VTP password length. Thus, it has been rejected.

Recommended Action   Please provision VTP password again

Message   `VTP-4-VTP_INVALID_DATABASE_DATA: VTP received bad data`

Explanation   Invalid data was received by VTP process

Recommended Action   Collect show tech-support

Message   `VTP-4-VTP_PROTOCOL_ERROR: VTP protocol code internal error: [chars]`

Explanation   VTP protocol code encountered an unexpected error will processing configuration request, packet, or timer expiration.

Recommended Action   Collect show tech-support

Message   `VTP-4-WARN_MSG: [chars]`

Explanation   VTP Warning Message

Recommended Action   No action is required.

VTP-5

Message   `VTP-5-NOTIF_MSG: [chars]`

Explanation   VTP Notification Message

Recommended Action   No action is required.

VTP-6

Message   `VTP-6-IFS_FAILURE: VLAN manager encountered file operation error: call = [chars] / file = [chars] / code = [dec] ([chars]) / bytes transfered = [dec]`

Explanation   VTP received an unexpected error return from a file system call.

Recommended Action   Collect show tech-support

Message   `VTP-6-INFO_MSG: [chars]`

Explanation   VTP Informational Message

Recommended Action   No action is required.

Message   `VTP-6-VTP_DOMAIN_NAME_CHG: VTP domain name changed to [chars].`

Explanation   The VTP domain name was changed through configuration to the name specified in the message. A management domain is the naming scope of a VLAN name. Each VLAN has a name that is unique within the management domain.

Recommended Action   No action is required.

Message   VTP-6-VTP_MODE_CHANGE: VLAN manager changing device mode from [chars] to [chars].

Explanation   Some switch devices must automatically change VTP device modes upon receipt of a VLAN configuration database containing more than a set number of VLANs, depending on the device. This message indicates that such a spontaneous conversion has occurred, what the previous mode was, and what the current mode is.

Recommended Action   No action is required.

Message   VTP-6-VTP_OLD_CONFIG_FILE_READ: Old version [dec] VLAN configuration file detected and read OK. Version [dec] files will be written in the future.

Explanation   VLAN software detected an old version of the VLAN configuration file format. It was able to interpret the file with no problems but will create files using the new format in the future.

Recommended Action   No action is required.

Message   VTP-6-VTP_PRUNING_CHANGE: VTP Operational Pruning [chars].

Explanation   VTP operational pruning changed. This can happen due to admin pruning change, VTP mode changes or VTP config propagation. show vtp status' output can be looked up to find the reason for this change.

Recommended Action   Check 'show vtp status' output to find the reason for this change.No action is required.

VTP-7

Message   VTP-7-DEBUG_MSG: [chars]

Explanation   Association Manager Debug Message

Recommended Action   No action is required.

WWN Messages

This section contains the WWN messages.

WWN-1

Message   WWN-1-TYPE1_ALERT: [dec] (< [dec] %) Remain

Explanation   The WWN Manager has run out of WWNs. No new dynamically allocated WWNs are available. However, statically assigned WWNs such as switch WWN, port WWN, etc. are still available.

Recommended Action   Please add additional WWNs by programming a new Secondary MAC address and its range.

Message   WWN-1-TYPES2_5_ALERT: Only [dec] (< [dec] %) Type 2 & 5 WWNs Remain

Explanation   The WWN Manager has run out of WWNs of NAA Types 2 and 5

Recommended Action   Please add additional WWNs by programming a new Secondary MAC address and its range.

WWN-2

Message   WWN-2-BKPLN_PROM_CANT_READ: Can not read backplane PROM

Explanation   The WWN Manager has failed to read chassis information. No dynamic WWNs could be allocated.

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

Message   WWN-2-EXITING: Exited due to [chars]

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

Recommended Action   No action is required.

Message   WWN-2-GENERAL_ERROR: [chars]

Explanation   The WWN Manager has encountered an critical error. The description of error is [str.].

Recommended Action   No action is required.

Message   WWN-2-MALLOC_ERROR: Size [dec] bytes

Explanation   The WWN Manager could not allocate memory.

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

Message   WWN-2-PSS_BKP_PSS_MISMATCH: Block [dec]: PSS: Not Free; BKPLN PROM: Free

Explanation   This WWN Manager detected a discrepancy between the information on the chassis and that in its persistent information databases. The persistent information database has been updated with the information on the chassis.

Recommended Action   No action is required.

Message   WWN-2-PSS_ERROR: [chars]

Explanation   The WWN Manager encountered error while operating on a persistent storage database.

Recommended Action   No action is required.

Message   WWN-2-STDOUT_ROTATE_FAILURE: Failed to rotate stdout file: [chars]

Explanation   The WWN Manager has failed to rotate its current stdout file with filename [str.]. The filesize could grow beyond its maximum limit.

Recommended Action   No action is required.

Message   WWN-2-TYPE1_CRIT: [dec] (< [dec]%) Remain

Explanation   The WWN Manager has only [dec] or less than [dec]-percent WWNs remaining.

Recommended Action   Please add additional WWNs by programming a new Secondary MAC address and its range.

Message   WWN-2-TYPES2_5_CRIT: [dec] (< [dec]%) Remain

Explanation   The WWN Manager has only [dec] or less than [dec]-percent WWNs of NAA Types 2 and 5 remaining.

Recommended Action   Please add additional WWNs by programming a new Secondary MAC address and its range.

WWN-3

Message   WWN-3-PSS_SYNC_TO_STNDBY_FAILED: PSS TYPE=[chars] KEY=[chars]

Explanation   Could not send PSS Sync. notification to Standby Supervisor. PSS Type=[str.] Operation=[.str] Key=[Str.].

Recommended Action   No action is required.

Message   WWN-3-RELEASE_ERR_UNKNOWN: Unknown WWN [chars] [chars]

Explanation   WWN Manager received a request to release a WWN [char] that could not have been allocated by this WWN Manager due to [char].

Recommended Action   No action is required.

Message   WWN-3-RELEASE_ERR: Cant Rel. WWN [chars]

Explanation   WWN Manager received a request to release a WWN that cannot be released.

Recommended Action   No action is required.

Message   WWN-3-STARTUP_COPY_TO_RUNNING_FAILED: [chars]

Explanation   Could not snapshot Startup-Config PSS to Running-Config. The description of error is [str.].

Recommended Action   No action is required.

Message   WWN-3-TOOMANY_REQ_REL: WWNs [chars] = [dec]

Explanation   The WWN Manager received a request to allocate [dec] WWN, which is more than the maximum number of WWNs that can be allocated/released in a single request.

Recommended Action   No action is required.

Message   WWN-3-UNKNOWN_MSG: Received from Node=[dec] SAP=[dec] Opcode=[dec]

Explanation   The WWN Manager has received an unknown message from [dec]].[dec] with opcode [dec]. This information is for debugging only.

Recommended Action   No action is required.

Message   WWN-3-WWN_PSS_CORRUPTED: [chars] PSS found corrupted

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

Recommended Action   No action is required.

WWN-4

Message   WWN-4-PSS_SUP_CNT_MISMATCH: PSS [dec] Bkpln [dec]

Explanation   The WWN Manager has detected that some other supervisor card was plugged in earlier on this chassis. This WWN Manager is making sure that new WWNs allocate do not conflict with WWNs that could have been allocated by the previous supervisor card.

Recommended Action   No action is required.

Message   WWN-4-PSS_VERSION_MISMATCH: PSS [dec] Code [dec]

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

Recommended Action   No action is required.

Message   WWN-4-TYPE1_WARN: [dec] (< [dec]%) Remain

Explanation   The WWN Manager has only [dec] or less than [dec]-percent WWNs remaining for allocation.

Recommended Action   No action is required.

Message   WWN-4-TYPES2_5_WARN: [dec] (< [dec]%) Remain

Explanation   The WWN Manager has only [dec] or less than [dec]-percent WWNs of NAA Types 2 and 5 remaining.

Recommended Action   Please add additional WWNs by programming a new Secondary MAC address and its range.

WWN-5

Message   WWN-5-VSAN_WWN_CHANGE: [chars]

Explanation   VSAN-WWN created or deleted. The description of error is [str.].

Recommended Action   No action is required.

WWN-6

Message   WWN-6-ALLOCATED_BLOCK: Block number [dec]

Explanation   The WWN Manager has allocated a new block, block number [dec], of 256 WWNs for internal use.

Recommended Action   No action is required.

Message   WWN-6-BECAME_ACTIVE: Became ACTIVE from standby mode

Explanation   The WWN Manager on the standby supervisor became active and it is ready to serve client requests for WWNs.

Recommended Action   No action is required.

Message   WWN-6-BECAME_STDBY: Became STANDBY from active mode

Explanation   The WWN Manager became standby from active mode.

Recommended Action   No action is required.

Message   WWN-6-EXCESSIVE_DELAY: [chars]

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

Recommended Action   No action is required.

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

Explanation   The WWN Manager was unable to send heartbeat to the system manager.

Recommended Action   No action is required.

Message   WWN-6-GENERAL_EVENT: [chars]

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

Recommended Action   No action is required.

Message   WWN-6-PSS_CREATED: [chars] PSS Created

Explanation   One of the persistent information database of the WWN Manager has been recreated.

Recommended Action   No action is required.

Message   WWN-6-PSS_DESTROYED: [chars] PSS Destroyed

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

Recommended Action   No action is required.

Message   WWN-6-RELEASED_BLOCK: Block number [dec]

Explanation   The WWN Manager has released a block, block number [dec], of 256 WWNs.

Recommended Action   No action is required.

Message   WWN-6-SEC_MAC_UPDATED: MAC=[chars] Range=[dec]

Explanation   The WWN Manager had updated the Secondary MAC address with MAC address [char] and range [dec]. This update was initiated from a management entity.

Recommended Action   No action is required.

Message   WWN-6-SERVICE_UP: Initialized [chars]

Explanation   The WWN Manager is up and ready to accept client requests for WWNs. The service was initialized in [char] mode.

Recommended Action   No action is required.

Message   WWN-6-SWITCHOVER: Switching Over to other Supervisor

Explanation   The WWN Manager has successfully switched over to the standby supervisor card.

Recommended Action   No action is required.

WWN-7

Message   WWN-7-RELEASE_ERR_FREE: Already free WWN [chars]

Explanation   A client of WWN Manager attempted to release WWN [char] which is already free. This information is for debugging only.

Recommended Action   No action is required.

X2_USD Messages

This section contains the X2_USD messages.

X2_USD-2

Message X2_USD-2-DC3_X2_SYSLOG_INTERNAL_SOFTWARE_ERROR: An internal error in the X2 driver occurred on port [dec]: [chars] [dec]

Explanation   An unexpected internal X2 driver software error occurred

Recommended Action   Contact technical support

Message   X2_USD-2-DC3_X2_SYSLOG_INVALID_TRANSCEIVER_TYPE: Module in port [dec] has an invalid transceiver type of [hex]

Explanation   An unsupported module was plugged into the port

Recommended Action   Retry with a supported module

Message   X2_USD-2-DC3_X2_SYSLOG_NVRAM_CHKSUM_FAILURE: NVRAM checksum failure for module in port [dec]

Explanation   Non-volatile memory checksum error in module.

Recommended Action   Remove and reinsert module and retry operation. If the error still persists try with new a module. Sometimes the error will be displayed if the module is not inserted properly. All this log suggests is to retry the insertion and see if the error goes away if it doesn't then it's a issue with module.

Message   X2_USD-2-DC3_X2_SYSLOG_ONEX_INITIALIZATION_FAILURE: A validated OneX module in port [dec] failed initialization with error [hex]

Explanation   A OneX module was detected and validated, but failed initialization

Recommended Action   Remove and reinsert module and retry operation

Message   X2_USD-2-DC3_X2_SYSLOG_ONEX_VALIDATION_FAILURE: OneX module in port [dec] failed validation with error [hex]

Explanation   A counterfeit OneX module detected, or a valid OneX has a corrupt sprom

Recommended Action   Replace OneX module

X2_USD Messages

X2_USD-5

Message   X2_USD-5-DC3_X2_SYSLOG_ONEX_INSERTION: OneX inserted into port [dec]

Explanation   OneX X2 to SFP+ Converter inserted is detected

Recommended Action   Ensure OneX insertion an expected action

Message   X2_USD-5-DC3_X2_SYSLOG_ONEX_REMOVAL: OneX removed from port [dec]

Explanation   OneX X2 to SFP+ Converter removal is detected

Recommended Action   Ensure OneX removal an expected action

Message   X2_USD-5-DC3_X2_SYSLOG_ONEX_SFPPLUS_INSERTION: SFP+ inserted into port [dec]

Explanation   SFP+ insertion into OneX X2 to SFP+ Converter detected

Recommended Action   Ensure SFP+ insertion into OneX an expected action

Message   X2_USD-5-DC3_X2_SYSLOG_ONEX_SFPPLUS_REMOVAL: SFP+ removed from port [dec]

Explanation   SFP+ removal from OneX X2 to SFP+ Converter detected

Recommended Action   Ensure SFP+ removal from OneX an expected action

XBAR_CLIENT Messages

This section contains the XBAR_CLIENT messages.

XBAR_CLIENT-2

Message   XBAR_CLIENT-2-CROSS_LINK_SYNC_LOSS: XBAR-[chars].

Explanation   Cross links lost sync and hence xbar is brought down.

Recommended Action   Please reload the xbar using reload xbar <xbar-num>

Message XBAR_CLIENT-2-MEM_FULL: Memory allocation failed.

Explanation XBAR_CLIENT process has failed to allocate memory.

Recommended Action Please perform a show system internal xbar-client internal1 event-history' to collect more information.

Message XBAR_CLIENT-2-MEM_FULL: memory allocation failed

Explanation Process xbar_client failed to allocate memory

Recommended Action Please examine the xbar-client event-history for more information.

Message XBAR_CLIENT-2-PROC_DN: Process is shutting down: [chars].

Explanation XBAR_CLIENT process is exiting.

Recommended Action Please perform a 'show system internal xbar-client internal1 event-history' to collect more information.

Message XBAR_CLIENT-2-PROC_DN: exiting: [chars].

Explanation Process xbar_client is exiting

Recommended Action Please examine the xbar-client event-history for more information.

Message XBAR_CLIENT-2-PROC_INITFAIL: Process initialization failed due to [chars].

Explanation XBAR_CLIENT process has failed initialization.

Recommended Action Please perform a show system internal xbar-client internal1 event-history to collect more information.

Message XBAR_CLIENT-2-PROC_INITFAIL: Process initialization failed due to [chars].

Explanation XBAR_CLIENT process has failed initialization.

Recommended Action Please perform a 'show system internal xbar-client internal1 event-history' to collect more information.

Message XBAR_CLIENT-2-PROC_INITFAIL: initialization failed due to [chars]

Explanation Process xbar_client failed initialization

Recommended Action Please examine the xbar-client event-history for more information.

XBAR_CLIENT-3

Message XBAR_CLIENT-3-IPC_MSGERR: Error in processing IPC message: [dec], Error code = [dec].

Explanation XBAR_CLIENT process has encountered an error in processing message.

Recommended Action Please perform a show system internal xbar-client internal1 event-history' to collect more information.

Message XBAR_CLIENT-3-IPC_MSGERR: failure processing IPC message [dec], error code = [dec]

Explanation Process xbar_client failed to process IPC message

Recommended Action Please examine the xbar-client event-history for more information.

Message XBAR_CLIENT-3-IPC_MSGUNKN: Received unexpected IPC message: [dec].

Explanation XBAR_CLIENT process has received an unknown message.

Recommended Action Please perform a show system internal xbar-client internal1 event-history' to collect more information.

Message XBAR_CLIENT-3-IPC_MSGUNKN: unknown IPC message received: [dec]

Explanation Process xbar_client has received an unknown IPC message.

Recommended Action Please examine the xbar-client event-history for more information.

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

Explanation The module initialization failed

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

XBAR_CLIENT-SLOT#-2

Message XBAR_CLIENT-SLOT#-2-VEGAS2_XBC_MEM_FULL: memory allocation failed in routine [chars]

Explanation Process xbar_client failed to allocate memory

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

Message XBAR_CLIENT-SLOT#-2-VEGAS2_XBC_PROC_DN: terminating due to signal [dec]

Explanation Process xbar_client is exiting

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

Message XBAR_CLIENT-SLOT#-2-VEGAS2_XBC_PROC_INITFAIL: initialization failed: [chars], errno [dec]

Explanation Process xbar_client failed initialization

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

XBAR_CLIENT-SLOT#-3

Message XBAR_CLIENT-SLOT#-3-VEGAS2_XBC_IPC_MSGUNKN: unknown IPC message received: opcode [dec]

Explanation Process xbar_client has received an unknown IPC message

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

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

Explanation The module initialization failed

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

XBAR_DRIVER_USD Messages

This section contains the XBAR_DRIVER_USD messages.

XBAR_DRIVER_USD-2

Message XBAR_DRIVER_USD-2-SCZ_ACCESS_FAILED: Xbar Driver Failed to access reg for [chars]

Explanation Xbar Driver Access failed

Recommended Action No action is required.

Cisco MDS 9000 Family and Nexus 7000 Series NX-OS System Messages Reference

Message XBAR_DRIVER_USD-2-SCZ_CATASTROPHIC: Xbar Driver catastrophic failure: [chars]

Message **Ex** XBAR_DRIVER_USD-2-SCZ_CATASTROPHIC: Xbar Driver catastrophic failure: [chars]

Explanation   Xbar Driver catastrophic error

Recommended Action   No action is required.

Message   XBAR_DRIVER_USD-2-SCZ_INTR: Xbar Driver Interrupt occurred: [chars]

Explanation   Interrupt occurred on the xbar

Recommended Action   No action is required.

Message   XBAR_DRIVER_USD-2-SCZ_SW_INIT_ABORTED: Xbar Driver Failed to finish Software Initialization: [chars]

Explanation   Xbar Driver Software Initialization failed

Recommended Action   No action is required.

Message   XBAR_DRIVER_USD-2-SHUTDOWN: Xbar Driver software process exiting: [chars]

Explanation   Xbar Driver shutting down

Recommended Action   No action is required.

Message   XBAR_DRIVER_USD-2-SYNC_FAILED: Xbar Driver sync failed: [chars]

Explanation   Xbar Driver Sync failed for the xbar channel

Recommended Action   No action is required.

XBAR_DRIVER_USD-3

Message   XBAR_DRIVER_USD-3-EN_DATA_FAILED: Xbar Driver enable data failed for slot:[dec] asic:[dec] channel: [hex]

Explanation   Xbar Driver Enable Data path failed for the xbar channel

Recommended Action   No action is required.

XBAR_DRIVER_USD-5

Message   XBAR_DRIVER_USD-5-STARTING: Xbar Driver process starting

Explanation   Xbar Driver process is being started

Recommended Action   No action is required.

XBAR_DRIVER_USD-6

Message   XBAR_DRIVER_USD-6-DIS_DATA: Xbar Driver disable datapath done for slot:[dec] asic:[dec] channel: [hex]

Explanation   Disabled Data path successfully for the xbar channel

Recommended Action   No action is required.

Message   XBAR_DRIVER_USD-6-EN_DATA: Xbar Driver enable datapath done for slot:[dec] asic:[dec] channel: [hex]

Explanation   Enabled Data path successfully for the xbar channel

Recommended Action   No action is required.

Message   XBAR_DRIVER_USD-6-HW_INIT: Xbar Driver HW initialization has been done for Slot: [dec] Asic: [dec]

Explanation   Xbar Driver HW initialization has been called [dec]

Recommended Action   No action is required.

Message   XBAR_DRIVER_USD-6-SYNC_DONE: Xbar Driver sync done for slot: [dec] asic: [dec] channel: [hex]

Explanation   Sync Completed successfully for the xbar channel

Recommended Action   No action is required.

XBAR Messages

This section contains the XBAR messages.

XBAR-2

Message XBAR-2-ARB_INIT_FAIL: Arbiter Initialization failed return_code [hex] ([chars]).

Explanation   The supervisor has experienced an arbiter setup failure.

Recommended Action   No action is required.

Message   XBAR-2-INCOMPATIBLE_CONFIG: [chars] [dec] [chars].

Explanation   This module is not compatible with the current fabric mode. It will be powered down.

Recommended Action   No action is required.

Message   XBAR-2-XBAR_INSUFFICIENT_XBAR_BANDWIDTH: Module in slot [dec] has insufficient xbar-bandwidth.

Explanation   To track insufficient xbar-bandwidth.

Recommended Action   No action is required.

Message XBAR-2-XBAR_MIXED_SPINES_POLICY_MATCHED: [chars]

Explanation   Fabric could not be brought online due to policy match:

Recommended Action   No action is required.

Message   XBAR-2-XBAR_SUFFICIENT_XBAR_BANDWIDTH: Module in slot [dec] has sufficient xbar-bandwidth.

Explanation   To track recovery from insufficient xbar-bandwidth.

Recommended Action   No action is required.

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

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

Recommended Action   No action is required.

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

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

Recommended Action   No action is required.

Message XBAR-2-XBAR_MONITOR_INTERNAL_CRC_ERR: Module-[num] detects CRC error at
Ingress Qengine, putting it in failure state

Explanation   CRC errors reported on the ingress queue of the module [num].

Recommended Action   Replace the module that reports error.

Message XBAR-2-XBAR_MONITOR_INTERNAL_CRC_ERR: Module-[num] detects CRC error at
Ingress stage2, putting it in failure state

Explanation   CRC errors reported on the ingress crossbar of the module [num].

Recommended Action   Replace the module that reports error.

Message XBAR-2-XBAR_MONITOR_INTERNAL_CRC_ERR: Xbar [num] detects CRC error at
ingress stage3, putting it in failure state

Explanation   CRC errors reported on the ingress crossbar [num] of the chassis.

Recommended Action   Replace the module that reports error.

Message XBAR-2-XBAR_MONITOR_INTERNAL_CRC_ERR: Module-[num] detects CRC Error at
Egress stage4/Qengine, putting it in failure state as there is only one fabric

Explanation   CRC errors reported on the egress crossbar of the module [num].

Recommended Action   Replace the module that reports error.

Message XBAR-2-XBAR_MONITOR_INTERNAL_CRC_ERR: Module-[num] detects CRC Error at
Egress stage4/Qengine, putting it in failure state as there is only one fabric

Explanation   CRC errors reported on the egress crossbar of the module [num].

Recommended Action   Replace the module that reports error.

Message XBAR-2-XBAR_MONITOR_INTERNAL_CRC_ERR: Module-[num] detects CRC error at
Egress stage4; due to Xbar [5] putting the connected Xbar in failure state

Explanation   CRC errors reported on the egress crossbar [num] of the module [num]

Recommended Action   Replace the module that reports error.

Message `XBAR-2-XBAR_MONITOR_INTERNAL_CRC_ERR: Module-[num] detects CRC Error at Egress Q-engine, putting it in failure state`

Explanation CRC errors reported on the egress queue of the module [num].

Recommended Action Replace the module that reports error.

XBAR-3

Message `XBAR-3-MEM_FULL: Memory allocation failed. [chars]%i`

Explanation

Recommended Action No action is required.

XBAR-4

Message `XBAR-4-XBAR_MIXED_SPINES_IN_CHASSIS: [chars]`

Explanation There are both FAB-1 and FAB-2 type spines in the Chassis. Please replace the FAB-1 spines with FAB-2 Spines.

Recommended Action No action is required.

XBAR-5

Message `XBAR-5-ARBITER_INIT_FAILURE: Re-initializing Arbiter. [chars] [chars] module %i`

Explanation The supervisor has experienced an arbiter setup failure.

Recommended Action No action is required.

Message `XBAR-5-ARB_CLEAR_PORT_FAIL: Arbiter reported failure to de-register port [dec] in group [dec] return_code [hex] ([chars]).`

Explanation The supervisor has experienced an arbiter setup failure.

Recommended Action No action is required.

Message `XBAR-5-ARB_INIT_MOD_DIS_INTR_FAIL: Arbiter reported failure to disable interrupt for module [dec] return_code [hex] ([chars]).`

Explanation The supervisor has experienced an arbiter setup failure.

Recommended Action No action is required.

Message XBAR-5-ARB_INIT_MOD_INSERT_CHECK_FAIL: Arbiter reported failure to recognize module [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an arbiter setup failure.

Recommended Action No action is required.

Message XBAR-5-ARB_INIT_MOD_INSERT_FAIL: Arbiter reported failure to init module [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an arbiter setup failure.

Recommended Action No action is required.

Message XBAR-5-ARB_INIT_MOD_INTR_FAIL: Arbiter reported failure to enable interrupt for module [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an arbiter setup failure.

Recommended Action No action is required.

Message XBAR-5-ARB_INIT_MOD_REMOVE_FAIL: Arbiter reported failure to remove module [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an arbiter setup failure.

Recommended Action No action is required.

Message XBAR-5-ARB_INIT_PORT_FAIL: Arbiter reported failure to register port [dec] in group [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an arbiter setup failure.

Recommended Action No action is required.

Message XBAR-5-MOD_CONNECTION_REATTEMPT: Re-attempting XBAR connection with module [dec]

Explanation The module has experienced a setup failure on connecting the module to the fabric.

Recommended Action Collect more information about XBAR component. Use command show system internal xbar event-history module <module-id>

Message XBAR-5-SYNC_THRESHOLD_FAILURE: Module resync threshold exceeded [chars] [chars] module%i

Explanation This module has exceeded the number of resync attempts in a day. Module will be reloaded

Recommended Action No action is required.

Message   XBAR-5-XBAR_ENABLE_FPOE_DB_FAILURE: XBAR [chars] enabling FPOE-DB mode failed

Explanation   The supervisor failed to enable FPOE-DB mode in fabric. The supervisor is going to reboot. In case of dual supervisor, a switchover will occur.

Recommended Action   No action is required.

Message   XBAR-5-XBAR_INIT_FAILURE: XBAR [chars] initialization failed [chars]%i

Explanation   The supervisor has experienced a fabric initialization failure. The supervisor is going to reboot. In case of dual supervisor, a switchover will occur.

Recommended Action   No action is required.

Message   XBAR-5-XBAR_INIT_FAIL: Xbar [[dec].[dec]] reported failure during initialization return_code [hex] ([chars]).

Explanation   The supervisor has experienced an xbar setup failure.

Recommended Action   No action is required.

Message   XBAR-5-XBAR_MOD_INSERT_SEQ_FAILURE: [chars] for module [dec]

Explanation   The xbar manager received failure response and is failing the insert sequence

Recommended Action   No action is required.

Message   XBAR-5-XBAR_MOD_LC_INSERT_SEQ_FAILURE: Module in slot [dec] has failed insert sequence

Explanation   The xbar manager is failing the insert sequence

Recommended Action   No action is required.

Message   XBAR-5-XBAR_PORT_CHECK_SYNC_FAIL: Xbar [[dec].[dec]] reported failure to check sync on port [dec] return_code [hex] ([chars]).

Explanation   The supervisor has experienced an xbar setup failure.

Recommended Action   No action is required.

Message   XBAR-5-XBAR_PORT_CONTINUE_SYNC_FAIL: Xbar [[dec].[dec]] reported failure to continue sync on port [dec] return_code [hex] ([chars]).

Explanation   The supervisor has experienced an xbar setup failure.

Recommended Action   No action is required.

Message XBAR-5-XBAR_PORT_DISABLE_FAIL: Xbar [[dec].[dec]] reported failure to disable port [dec] return_code [hex] ([chars]).

   Explanation   The supervisor has experienced an xbar setup failure.

   Recommended Action   No action is required.

Message XBAR-5-XBAR_PORT_ENABLE_FAIL: Xbar [[dec].[dec]] reported failure to enable port [dec] return_code [hex] ([chars]).

   Explanation   The supervisor has experienced an xbar setup failure.

   Recommended Action   No action is required.

Message XBAR-5-XBAR_PORT_FORCE_POE_DISABLE_FAIL: Xbar [[dec].[dec]] reported failure to disable force poe mode on [dec] return_code [hex] ([chars]).

   Explanation   The supervisor has experienced an xbar setup failure.

   Recommended Action   No action is required.

Message XBAR-5-XBAR_PORT_FORCE_POE_ENABLE_FAIL: Xbar [[dec].[dec]] reported failure to enable force poe mode on [dec] return_code [hex] ([chars]).

   Explanation   The supervisor has experienced an xbar setup failure.

   Recommended Action   No action is required.

Message XBAR-5-XBAR_PORT_LPBACK_DISABLE_FAIL: Xbar [[dec].[dec]] reported failure to disable port loopback on [dec] returned [hex] ([chars]).

   Explanation   The supervisor has experienced an xbar setup failure.

   Recommended Action   No action is required.

Message XBAR-5-XBAR_PORT_LPBACK_ENABLE_FAIL: Xbar [[dec].[dec]] reported failure to enable port loopback on [dec] returned [hex] ([chars]).

   Explanation   The supervisor has experienced an xbar setup failure.

   Recommended Action   No action is required.

Message XBAR-5-XBAR_PORT_START_SYNC_FAIL: Xbar [[dec].[dec]] reported failure to start sync on port [dec] return_code [hex] ([chars]).

   Explanation   The supervisor has experienced an xbar setup failure.

   Recommended Action   No action is required.

Message XBAR-5-XBAR_RELEASE_ACCESS_FAIL: Slot [dec] reported failure releasing [chars] xbar access return_code [hex] ([chars])

Explanation   The supervisor has experienced an xbar access failure.

Recommended Action   No action is required.

Message XBAR-5-XBAR_SET_ACCESS_FAIL: Slot [dec] reported failure acquiring [chars] xbar access return_code [hex] ([chars])

Explanation   The supervisor has experienced an xbar access failure.

Recommended Action   No action is required.

Message XBAR-5-XBAR_STANDBY_SUP_ARB_FAIL: [chars] return_code [hex] ([chars])

Explanation   The supervisor has experienced an arbiter access failure.

Recommended Action   No action is required.

Message XBAR-5-XBAR_STATUS_REPORT: Module [dec] reported status for component [dec] code [hex].

Explanation   An error status has been reported. If error is on supervisor, the supervisor is going to reboot. In case of dual supervisors, a switchover will occur. If error is on module, the module will be power cycled.

Recommended Action   No action is required.

Message XBAR-5-XBAR_SW_INIT_FAIL: Xbar [[dec].[dec]] reported failure during sw intialization return_code [hex] ([chars]).

Explanation   The supervisor has experienced an xbar setup failure.

Recommended Action   No action is required.

Message XBAR-5-XBAR_VERSION_CHECK_FAILURE: XBAR [chars] SCZ version check failed [chars] %i

Explanation   This SUP has an older Santa cruz version, and so will not be allowed to power-up, Please upgrade to the latest supervisor version.

Recommended Action   No action is required.

XCVR_USD Messages

This section contains the XCVR_USD messages.

XCVR_USD-6

Message XCVR_USD-6-XCVR_USD_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

Message XCVR_USD-6-XCVR_USD_LOG_MSG: [chars]

Explanation Debug log message

No action is required.

XCVR Messages

This section contains the XCVR messages.

XCVR-6

Message XCVR-6-XCVR_LIB_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

Message XCVR-6-XCVR_LIB_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

XMLMA Messages

This section contains the XMLMA messages.

XMLMA-2

Message XMLMA-2-HEARTBEAT_FAIL: XML master agent failed to send heart beat: [chars]

Explanation XML master agent has failed sending heartbeat.

Recommended Action No action is required.

Message   XMLMA-2-INITFAIL: XML master agent initialization fails: [chars]

Explanation   XML master agent has failed initialization.

Recommended Action   No action is required.

Message   XMLMA-2-MTSERROR: XML master agent mts operation failed: [chars]

Explanation   XML master agent mts operation failed.

Recommended Action   No action is required.

Message   XMLMA-2-PSSFAILURE: XML master agent pss operation failed: [chars]

Explanation   XML master agent pss operation failed.

Recommended Action   No action is required.

Message   XMLMA-2-XMLMACRIT: XML master agent: [chars]

Explanation   XML master agent critical log.

Recommended Action   No action is required.

XMLMA-3

Message   XMLMA-3-XMLMAERR: XML master agent: [chars]

Explanation   XML master agent error log.

Recommended Action   No action is required.

XMLMA-5

Message   XMLMA-5-STARTING: XML master agent started [chars]

Explanation   XML master agent has been started.

Recommended Action   No action is required.

XMLMA-6

Message   XMLMA-6-XMLMAEXIT: XML master agent exiting...: [chars]

Explanation   XML master agent is exiting.

Recommended Action   No action is required.

Message `XMLMA-6-XMLMALOG: XML master agent operation log: [chars]`

Explanation XML master agent operation log.

Recommended Action No action is required.

XMLSA Messages

This section contains the XMLSA messages.

XMLSA-2

Message `XMLSA-2-HEARTBEAT_FAIL: XML sub agent failed sending heart beat: [chars]`

Explanation XML sub agent failed sending heartbeat.

Recommended Action No action is required.

Message `XMLSA-2-INITFAIL: XML sub agent initialization fails: [chars]`

Explanation XML agent has failed initialization.

Recommended Action No action is required.

Message `XMLSA-2-USER_INACTIVE: XML sub agent timed out: [chars]`

Explanation XML sub agent timedout due to inactivity.

Recommended Action No action is required.

Message `XMLSA-2-VSH_ERR: XML sub agent vsh cmd error...: [chars]`

Explanation XML sub agent vsh cmd error.

Recommended Action No action is required.

XMLSA-5

Message `XMLSA-5-STARTING: XML sub agent started: [chars]`

Explanation XML sub agent has been started.

Recommended Action No action is required.

XMLSA-6

Message   XMLSA-6-XMLSAEXIT: XML sub agent exiting...: [chars]

Explanation   XML sub agent is exiting.

Recommended Action   No action is required.

Message   XMLSA-6-XMLSALOG: XML sub agent log: [chars]

Explanation   XML sub agent log.

Recommended Action   No action is required.

ZBM Messages

This section contains the ZBM messages.

ZBM-2

Message   ZBM-2-ZBM_HA_FAILURE: Failed to do high availability operation: [chars].

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

Recommended Action   No action is required.

Message   ZBM-2-ZBM_INIT_FAILED: Initialization failed for ZBM: [chars], reason: [hex].

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

Recommended Action   No action is required.

Message   ZBM-2-ZBM_INIT_WARNING: Initialization warning for ZBM: [chars], reason: [hex].

Explanation   Initialization warning for ZBM due to [chars], reason: [hex].

Recommended Action   No action is required.

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

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

Recommended Action No action is required.

Message ZBM-2-ZBM_MALLOC_FAILURE: Memory allocation failed for size [dec]

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

Recommended Action Restart the process.

Message ZBM-2-ZBM_MTS_FAILURE: Failed to do MTS operation: [chars].

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

Recommended Action No action is required.

Message ZBM-2-ZBM_MTS_REGISTRATION_FAILED: MTS options setting to [hex] failed for opCode: [dec].

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

Recommended Action No action is required.

Message ZBM-2-ZBM_PSS_FAILURE: Failed to do PSS operation: [chars], reason: [hex].

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

Recommended Action No action is required.

Message ZBM-2-ZBM_PSS_VER_FAIL: PSS file [chars] has version [dec].[dec].[dec], expected version [dec].[dec].[dec].

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

Recommended Action No action is required.

Message ZBM-2-ZBM_RUNTIME_FAILURE: [chars] [dec], Error: [hex]

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

Recommended Action No action is required.

Message   ZBM-2-ZBM_TCAM_FAILURE: Failed to do TCAM operation: [chars].

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

Recommended Action   No action is required.

Message   ZBM-2-ZBM_TCAM_SEND: [chars]

Explanation   Sending to Tcam [chars]

Recommended Action   No action is required.

ZBM-4

Message   ZBM-4-ZBM_WARNING: [chars] [dec]

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

Recommended Action   No action is required.

ZBM-6

Message   ZBM-6-ZBM_DIAG_EVENT_STATUS: [chars] [hex].

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

Recommended Action   No action is required.

Message   ZBM-6-ZBM_ECHO_PROGRAMMING_FAILED: [chars].

Explanation   Programming echo entry failed for [chars].

Recommended Action   No action is required.

Message   ZBM-6-ZBM_E_PORT_EVENT_STATUS: [chars] [chars].

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

Recommended Action   No action is required.

Message   ZBM-6-ZBM_FCC_EVENT_STATUS: [chars] [chars].

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

Recommended Action   No action is required.

Message   ZBM-6-ZBM_INIT_PROCESS: Zone Block Mgr process started [chars] at [chars]

Explanation   Zone Block Mgr process started in [chars] (stateless/stateful) mode at time [chars].

Recommended Action   No action is required.

Message   ZBM-6-ZBM_LINECARD_EVENT_STATUS: [chars] [hex].

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

Recommended Action   No action is required.

Message   ZBM-6-ZBM_MCAST_EVENT_STATUS: [chars] [chars].

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

Recommended Action   No action is required.

Message   ZBM-6-ZBM_NX_PORT_EVENT_STATUS: [chars] [chars].

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

Recommended Action   No action is required.

Message   ZBM-6-ZBM_PORT_MODE_EVENT_STATUS: [chars] [chars].

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

Recommended Action   No action is required.

Message   ZBM-6-ZBM_RUNTIME_STATUS: [chars] [dec]

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

Recommended Action   No action is required.

Message   ZBM-6-ZBM_STATUS: ZBM Status: [chars].

Explanation   ZBM status is reported as [chars].

Recommended Action   No action is required.

Message   ZBM-6-ZBM_UPDATE_SSRAM_QOS_EVENT_STATUS: [chars] [chars].

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

Recommended Action   No action is required.

ZONE Messages

This section contains the ZONE messages.

ZONE-2

Message   ZONE-2-LZ_EXITING: LUN/Read-only zoning process exited. Reason: [chars]

Explanation   The LUN/Read-only zoning process has exited due to [char]. The process has probably been restarted automatically.

Recommended Action   No action is required.

Message   ZONE-2-LZ_GENERAL_ERROR: [chars]

Explanation   The LUN/Read-only zoning process has encountered a critical error. The description of error is [str].

Recommended Action   No action is required.

Message   ZONE-2-LZ_INIT_FAILED: Initialization of LUN/Read-only zoning Process failed at [chars]

Explanation   Initialization of LUN/Read-only zoning process failed at [char].

Recommended Action   No action is required.

Message   ZONE-2-LZ_MALLOC_ERROR: Size [dec] bytes

Explanation   The LUN/Read-only zoning process could not allocate memory.

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

Message   ZONE-2-ZS_ALIAS_LIMIT_EXCEEDED: The limit for maximum number of aliases exceeded

Explanation   The number of aliases configured has exceeded the maximum number of aliases allowed per vsan Due to this, distribution or merge operation may fail.

Recommended Action   Make sure the number of aliases is less than the maximum allowed in a vsan.

Message `ZONE-2-ZS_ATTR_GROUP_LIMIT_EXCEEDED: The limit for maximum number of attribute groups exceeded`

Explanation The number of attribute groups configured has exceeded the maximum number of attribute groups allowed in a vsan Due to this, distribution or merge operation may fail.

Recommended Action Make sure the number of attribute groups is less than the maximum allowed in a vsan.

Message `ZONE-2-ZS_BLOCKED_ATTR_PRESENT: Module [dec] failed to come online due to [chars]`

Explanation Module [dec] failed to come up due to [chars].

Recommended Action Verify if RO/LUN/Broadcast attributes are configured, in any VSAN, disable if configured

Message `ZONE-2-ZS_CHANGE_ACA_FAILED: ACA failed: [chars]`

Explanation Zone Server cannot acquire change authorization: [chars].

Recommended Action Verify the interoperability mode on all the switches OR retry later.

Message `ZONE-2-ZS_CHANGE_ACQUIRE_AUTH_FAILED: Acquire authorization failed on VSAN [dec]`

Explanation Zone Server cannot acquire authorization on VSAN [dec].

Recommended Action No action is required.

Message `ZONE-2-ZS_CHANGE_ACTIVATION_FAILED_RESN_DOM: Activation failed: reason [chars] domain [dec]`

Explanation Zone Server cannot activate due to reason [chars] on domain [dec].

Recommended Action No action is required.

Message `ZONE-2-ZS_CHANGE_ACTIVATION_FAILED_RESN: Activation failed: reason [chars]`

Explanation Zone Server cannot activate due to reason [chars].

Recommended Action No action is required.

Message `ZONE-2-ZS_CHANGE_ACTIVATION_FAILED: Activation failed`

Explanation Zone Server cannot activate the zoneset.

Recommended Action No action is required.

Message   ZONE-2-ZS_CHANGE_APPLY_FAILED: Apply changed failed on VSAN [dec]

Explanation   Zone Server cannot apply changes on VSAN [dec].

Recommended Action   No action is required.

Message   ZONE-2-ZS_CHANGE_DEACTIVATION_FAILED_RESN_DOM: Deactivation failed: reason [chars] domain [dec]

Explanation   Zone Server cannot deactivate due to reason [chars] on domain [dec].

Recommended Action   No action is required.

Message   ZONE-2-ZS_CHANGE_DEACTIVATION_FAILED_RESN: Deactivation failed: reason [chars]

Explanation   Zone Server cannot deactivate due to reason [chars].

Recommended Action   No action is required.

Message   ZONE-2-ZS_CHANGE_DEACTIVATION_FAILED: Deactivation failed

Explanation   Zone Server cannot deactivate the zoneset.

Recommended Action   No action is required.

Message   ZONE-2-ZS_CHANGE_RELEASE_AUTH_FAILED: Release authorization failed on VSAN [dec]

Explanation   Zone Server cannot release authorization on VSAN [dec].

Recommended Action   No action is required.

Message   ZONE-2-ZS_CHANGE_RRCA_REJECTED: RRCA received from remote domain [dec] is rejected: [chars]

Explanation   Received invalid RRCA from domain [dec]: [chars]

Recommended Action   Verify the interoperability mode on the switch.

Message   ZONE-2-ZS_CHANGE_RUFC_REJECTED: RUFC received from remote domain [dec] is rejected: [chars]

Explanation   Received invalid RUFC from domain [dec]: [chars]

Recommended Action   Verify the interoperability mode on the switch.

Message ZONE-2-ZS_CHANGE_SFC_FAILED: SFC failed: [chars]

Explanation Zone Server cannot stage zone configuration: [chars].

Recommended Action Verify the interoperability mode on all the switches.

Message ZONE-2-ZS_CHANGE_SFC_REJECTED: SFC received from remote domain [dec] is rejected: [chars]

Explanation Received invalid SFC from domain [dec]: [chars]

Recommended Action Verify the interoperability mode on the switch.

Message ZONE-2-ZS_CHANGE_STAGE_ACTIVATE_ZSSET_BY_NAME_FAILED: Stage activate zoneset by name failed on VSAN [dec]

Explanation Zone Server cannot stage activate zoneset by name on VSAN [dec].

Recommended Action No action is required.

Message ZONE-2-ZS_CHANGE_STAGE_ACTIVATE_ZSSET_ENH_FAILED: Stage activate zone set enhanced failed on VSAN [dec]

Explanation Zone Server cannot stage activate zone set enhanced on VSAN [dec].

Recommended Action No action is required.

Message ZONE-2-ZS_CHANGE_STAGE_DEACTIVATE_ZSSET_ENH_FAILED: Stage deactivate zoneset enhanced failed on VSAN [dec]

Explanation Zone Server cannot stage deactivate zoneset enhanced on VSAN [dec].

Recommended Action No action is required.

Message ZONE-2-ZS_CHANGE_STAGE_DISTRIBUTE_DFLT_ZONE_FAILED: Stage distribute default zone failed on VSAN [dec]

Explanation Zone Server cannot stage distribute default zone on VSAN [dec].

Recommended Action No action is required.

Message ZONE-2-ZS_CHANGE_STAGE_DISTRIBUTE_ZS_DB_FAILED: Stage distribute zoneset database failed on VSAN [dec]

Explanation Zone Server cannot stage distribute zoneset database on VSAN [dec].

Recommended Action No action is required.

Message   ZONE-2-ZS_CHANGE_STAGE_SET_ZONING_MODE_FAILED: Stage set zoning mode failed on VSAN [dec]

Explanation   Zone Server cannot stage set zoning mode on VSAN [dec].

Recommended Action   No action is required.

Message   ZONE-2-ZS_CHANGE_STAGE_SET_ZONING_POLICIES_FAILED: Stage set zoning policies failed on VSAN [dec]

Explanation   Zone Server cannot stage set zoning policies on VSAN [dec].

Recommended Action   No action is required.

Message   ZONE-2-ZS_DB_OPERATION_FAILED: Database operation error: [chars]

Explanation   Database operation is failed: [chars].

Recommended Action   No action is required.

Message   ZONE-2-ZS_EXPORT_IMPORT_FAILED: [chars] operation failed

Explanation   [chars] (Export/Import) operation failed.

Recommended Action   No action is required.

Message   ZONE-2-ZS_FC2_DB_SIZE_LIMIT_EXCEEDED: Zone database size [dec] bytes exceeded maximum limit of [dec] bytes.

Explanation   Zone database size exceeded: [chars].

Recommended Action   Make sure that database size is less than the maximum limit.

Message   ZONE-2-ZS_FIPS_COMPLIANCE_FAILURE: FIPS compliance error: consecutively same random numbers

Explanation   FIPS compliance error: consecutively same random numbers

Recommended Action   No action is required.

Message   ZONE-2-ZS_HARD_LIMIT_EXCEEDED: Maximum configurable zone limit of [dec] reached. Creation of any more zones is not supported.

Explanation   The number of zones configured has exceeded the maximum number of zones: [dec] allowed across all vsan. Due to this, distribution or merge operation may fail.

Recommended Action   Make sure the number of zones is less than the maximum allowed across all vsan.

Message ZONE-2-ZS_INIT_FAILED: [chars]

Explanation Zone Server initialization failed: [chars].

Recommended Action No action is required.

Message ZONE-2-ZS_LICENSE_UNAVAIL: License:[chars] unavailable, removing LUN members, read-only attribute and re-activating active zonesets on all affected VSANs

Explanation License:[char] unavailable, removing LUN members, read-only attribute and re-activating active zonesets on all affected VSANs.

Recommended Action No action is required.

Message ZONE-2-ZS_LIC_FAILURE: License [chars] operation failed for license [chars]

Explanation License [char] operation failed for license [char].

Recommended Action No action is required.

Message ZONE-2-ZS_LUN_DISABLING_FAILED: license expiry handling failed for VSAN [dec]

Explanation License expiry handling failed for VSAN [dec].

Recommended Action No action is required.

Message ZONE-2-ZS_LUN_MEMBER_LIMIT_EXCEEDED: The limit for maximum number of lun members exceeded

Explanation The number of lun members configured has exceeded the maximum number of lun members allowed across all VSANs Due to this, distribution or merge operation may fail.

Recommended Action Make sure the number of lun members is less than the maximum allowed across all VSANs.

Message ZONE-2-ZS_MALLOC_FAILURE: Memory allocation failed for size [dec]

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

Recommended Action Restart the process.

Message ZONE-2-ZS_MEMBER_SOFT_LIMIT_REACHED: Zone member count has reached the maximum validated limit of [dec]. Creation of any more members could potentially destabilize the fabric.

Explanation The number of zone members configured has exceeded the validated number of members: [dec] allowed across all VSANs. Creation of any more zones could potentially destabilize the fabric.

Recommended Action Make sure the number of zone members is less than the validated limit allowed across all VSANs.

Message ZONE-2-ZS_MEMBER_HARD_LIMIT_EXCEEDED: Maximum configurable unique zone member limit of [dec] reached. Creation of any more zone members is not supported.

Explanation The number of members configured has exceeded the maximum number of members: [dec] allowed across all VSANs. Due to this, distribution or merge operation may fail.

Recommended Action Make sure the number of members is less than the maximum allowed across all VSANs.

Message ZONE-2-ZS_MERGE_ADJ_NO_RESPONSE: Adjacent switch not responding, isolating interface [chars]

Explanation Interface [chars] isolated due to adjacent switch not responding to Zone Server requests.

Recommended Action Flap the interface.

Message ZONE-2-ZS_MERGE_FAILED: Zone merge failure, isolating interface [chars] [chars]

Explanation Interface [chars] isolated due to zone merge failure. error [chars]

Recommended Action Compare active zoneset with the adjacent switch OR use "zone merge interface [interface] {import/export} VSAN [VSAN-num]" command.

Message ZONE-2-ZS_MERGE_FULL_DATABASE_MISMATCH: Zone merge full database mismatch on interface [chars]

Explanation Full zoning databases are inconsistent between two switches connected by interface [chars]. Databases are not merged.

Recommended Action Compare full zoning database with the adjacent switch, correct the difference and flap the link.

Message ZONE-2-ZS_MERGE_UNKNOWN_FORMAT: Unknown format, isolating interface [chars]

Explanation Interface [chars] isolated due to unknown format in merge request.

Recommended Action Set the interoperability mode to same value on both switches.

Message ZONE-2-ZS_MTS_OPER_FAILED: MTS [chars] operation failed: [chars]

Explanation Zone Server MTS [chars] operation failed: [chars].

Recommended Action No action is required.

Message ZONE-2-ZS_NO_RSCN_ON_SW_CARD: Devices on Module [dec] will not be receiving RSCN as [chars]

Explanation Devices on Module [dec] will not be receiving RSCN as [chars].

Recommended Action Enable Zone Based RSCN

Message ZONE-2-ZS_PORT_SWAP_FAILURE: Port swap operation failed

Explanation Port swap operation failed.

Recommended Action No action is required.

Message ZONE-2-ZS_PSS_VER_MISMATCH: PSS version mismatch URL: [chars] (expected [chars], got [chars])

Explanation Configuration version mismatch. PSS URL [chars]. Expected version [chars], stored version [chars].

Recommended Action Upgrade/Downgrade to expected version.

Message ZONE-2-ZS_SHARED_DB_INIT_FAILED: Zone Server shared DB initialization failed: [chars].

Explanation Zone Server shared DB initialization failed.

Recommended Action No action is required.

Message ZONE-2-ZS_ZONE_SOFT_LIMIT_REACHED: Zone count has reached the maximum validated limit of [dec]. Creation of any more zones could potentially destabilize the fabric.

Explanation The number of zones configured has exceeded the validated number of zones: [dec] allowed across all vsan. Creation of any more zones could potentially destabilize the fabric.

Recommended Action Recommended Action Make sure the number of zones is less than the validated limit allowed across all vsan.

Message   ZONE-2-ZS_TCAM_BROADCAST_ZONE_DISABLED: Broadcast zoning disabled:
Reason: Hard zoning disabled

    Explanation   Broadcast zoning disabled: Reason: Hard zoning disabled due to TCAM programming
failure.

    Recommended Action   No action is required.

Message   ZONE-2-ZS_TCAM_LUN_ZONING_DISABLED: LUN zoning disabled: Reason: Hard
zoning disabled

    Explanation   LUN zoning disabled: Reason: Hard zoning disabled due to TCAM programming
failure.

    Recommended Action   No action is required.

Message   ZONE-2-ZS_TCAM_PROGRAMMING_FAILED: TCAM operation failed: [chars],
Reason: [chars]

    Explanation   TCAM Programming failure has occurred: [chars]. [chars] is the reason for failure.

    Recommended Action   No action is required.

Message   ZONE-2-ZS_TCAM_READ_ONLY_ZONE_DISABLED: Read-only zoning disabled:
Reason: Hard zoning disabled

    Explanation   Read-only zoning disabled: Reason: Hard zoning disabled due to TCAM programming
failure.

    Recommended Action   No action is required.

Message   ZONE-2-ZS_TCAM_SWITCHED_TO_SOFT_ZONING_MODE: Switched to soft zoning:
Reason: Hard zoning disabled

    Explanation   Switched to soft zoning: Reason: Hard zoning disabled due to TCAM programming
failure.

    Recommended Action   No action is required.

Message   ZONE-2-ZS_VIRTUAL_DOMAIN_INCONSISTENT: IVR reporting virtual domain
different from rib and domain manager in vsan [dec]

    Explanation   IVR reporting virtual domain different from rib and domain manager in vsan [dec].

    Recommended Action   No action is required.

Message ZONE-2-ZS_ZONE_BASED_RSCN_DISABLED: Zone based RSCN Generation has been Disabled. Devices on non ISOLA line cards will not be receiving RSCN

Explanation Devices on one or more line cards will not be receiving RSCN as RSCN generation by zone has been disabled on this switch

Recommended Action No action is required.

Message ZONE-2-ZS_ZONE_SET_LIMIT_EXCEEDED: The limit for maximum number of zonesets exceeded

Explanation The number of zonesets configured has exceeded the maximum number of zonesets allowed across all VSANs Due to this, distribution or merge operation may fail.

Recommended Action Make sure the number of zonesets is less than the maximum allowed across all vsan.

ZONE-3

Message ZONE-3-LZ_UNKNOWN_MSG: Recvd. from Node=[dec] SAP=[dec]

Explanation The LUN/Read-only zoning process has received an unknown message from [dec]].[dec]. This information is for debugging only.

Recommended Action No action is required.

Message ZONE-3-ZS_ACTIVATION_FAILED_DUE_TO_QOS_DISABLED: Activation failed due to qos not enabled

Explanation Activation of zoneset failed due to qos not enabled

Recommended Action Make sure qos is enabled and reactivate the zoneset in vsan.

Message ZONE-3-ZS_MGMT_SEC_SDB_ERR: [chars] : [chars].

Explanation FC CT Mgmt Security shared db operation: [chars]: [chars].

Recommended Action Contact Cisco TAC for support.

ZONE-4

Message ZONE-4-LZ_OTHER_CMD_TO_ZONED_OUT_LUN: FCP command [hex] received from SID=[chars] to DID=[chars] for LUN=[chars]

Explanation The LUN/Read-only zoning process has received. FCP command [int] from SID [char] to DID [char] for a zoned out LUN [char].

Recommended Action No action is required.

Message   ZONE-4-ROZ_WRITE_ACCESS_TO_READ_ONLY_LUN: FCP command [hex] received from SID=[chars] to DID=[chars] for LUN=[chars]

Explanation   The LUN/Read-only zoning process has received FCP command [int] from SID [char] to DID [char] for a read-only LUN [char].

Recommended Action   No action is required.

Message   ZONE-4-ZS_BROADCAST_LUN_WARNING: LUN member(s) and Broadcast attribute are present in zone [chars] in vsan [dec]. Broadcast violations can occur for LUN members.

Explanation   Broadcast violations can happen in zone [chars] in vsan [dec] since it has LUN zone members.

Recommended Action   No action is required.

Message   ZONE-4-ZS_CHANGE_LC_UPGRADE_IN_PROGRESS: Change protocol request is received from domain [dec] when linecard upgrade is in progress

Explanation   A change request has been received from domain [dec] when a linecard upgrade is in progress. The change request is rejected.

Recommended Action   No action is required.

Message   ZONE-4-ZS_DB_WARNING: [chars]

Explanation   Database operation warning: [chars].

Recommended Action   No action is required.

Message   ZONE-4-ZS_DOMAIN_MGR_WARNING: Unable to retrieve domain info from domain mgr error: [chars] in vsan [dec]

Explanation   Unable to retrieve info of domain from domain manager, error: [chars] in vsan [dec].

Recommended Action   No action is required.

Message   ZONE-4-ZS_FC2_OPER_FAILED: FC2 [chars] operation failed: [chars]

Explanation   Zone Server FC2 [chars] operation failed: [chars].

Recommended Action   No action is required.

Message   ZONE-4-ZS_IF_PORT_MODE_CONFLICT: Port mode conflict for if [chars]

Explanation   Port mode conflict for if [chars]

Recommended Action   Shutdown/no shutdown the interface

Message ZONE-4-ZS_INVALID_FPORT_WWN_MEMBER: Virtual device fwwn: [chars] is not a valid zone/alias member virtual name: [chars] pwwn: [chars]

Explanation Virtual device fwwn: [chars] is not a valid zone/alias member, virtual name: [chars] pwwn: [chars].

Recommended Action No action is required.

Message ZONE-4-ZS_LC_UPGRADE_CHANGE_IN_PROGRESS: Linecard upgrade request is received when change protocol is in progress

Explanation A request for linecard upgrade has been received when change protocol is in progress. The linecard upgrade will occur after the completion of the change protocol.

Recommended Action No action is required.

Message ZONE-4-ZS_LICENSE_EXPIRY_WARNING: Feature [chars] evaluation license [chars] expiry in [dec] days

Explanation Feature [chars1] will exceed its evaluation time period in [dec] days and will be shutdown unless a permanent license [chars2] is installed.

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

Message ZONE-4-ZS_MEMBER_CONVERSION_FAILED: Zone Member conversion failed for [chars]. Error: [chars]

Explanation Zone Member conversion has failed in: [chars] due to error: [chars]

Recommended Action No action is required.

Message ZONE-4-ZS_MGMT_SEC_RJT: FC CT Management Server query Rejected: [chars]. from FCID [hex]

Explanation mgmt-security has rejected FC CT Management Server query: [chars]. from FCID [hex].

Recommended Action No Action is required.

Message ZONE-4-ZS_NON_INTEROPERABLE_ZONE_SET: Non inter operable active zoneset present on VSAN [dec] in interoperability mode

Explanation Active zoneset has non inter operable members (FCID, FWWN,..) when interoperability mode is turned on the VSAN [dec].

Recommended Action Turn off interoperability mode OR make sure that active zoneset has only inter operable members (PWWN).

Message   `ZONE-4-ZS_QOS_LUN_WARNING: LUN member(s) and QoS attribute are present in zone [chars] in vsan [dec]. QoS will not be applicable for LUN members.`

Explanation   QoS will not be applicable to LUN zone members in zone [chars] in vsan [dec].

Recommended Action   No action is required.

Message   `ZONE-4-ZS_SDV_VIRT_REAL_CONFLICT_WARNING: Virtual and Real devices are zoned together or zoned with same device. virtual name: [chars] pwwn: [chars]`

Explanation   Virtual and Real devices are zoned together or zoned with same device, virtual name: [chars] pwwn: [chars].

Recommended Action   No action is required.

Message   `ZONE-4-ZS_TOO_MANY_ALIAS_IN_CURRENT_INTEROP_MODE: Too many aliases in current interoperability mode`

Explanation   Too many aliases configured in current interoperability mode on the VSAN. Due to this, the next zoneset activation, distribution or merge operation may fail.

Recommended Action   Set the interoperability mode to appropriate value OR make sure the number of aliases is less than the maximum allowed in the current interoperability mode.

Message   `ZONE-4-ZS_UNSUPPORTED_MEMBER_IN_CURRENT_INTEROP_MODE: Unsupported member present in active or full zoneset in current interoperability mode`

Explanation   Active or full zoneset has members that are not supported in the current interoperability mode set on the VSAN.

Recommended Action   Set the interoperability mode to appropriate value OR make sure that active or full zoneset has only supported members in the current interoperability mode.

ZONE-5

Message   `ZONE-5-ZS_EXPORT_IMPORT_COMPLETE: [chars] operation completed`

Explanation   [chars] (Export/Import) operation completed.

Recommended Action   No action is required.

Message   `ZONE-5-ZS_POLICY_CHANGE: Default zoning policy changed to [chars]`

Explanation   Default zoning policy changed to (permit/deny).

Recommended Action   No action is required.

Message   `ZONE-5-ZS_ZONE_SET_ACTIVATED: Zoneset [chars] activated`

Explanation   Zoneset [chars] activated.

Recommended Action   No action is required.

Message   `ZONE-5-ZS_ZONE_SET_DEACTIVATED: Zoneset deactivated`

Explanation   Zoneset deactivated.

Recommended Action   No action is required.

ZONE-6

Message   `ZONE-6-LZ_BECAME_ACTIVE: LUN/Read-only zoning process became ACTIVE from standby mode`

Explanation   The LUN/Read-only zoning process on the standby supervisor became active.

Recommended Action   No action is required.

Message   `ZONE-6-LZ_BECAME_STDBY: LUN/Read-only zoning process became STANDBY from active mode`

Explanation   The LUN/Read-only zoning process became standby from active mode.

Recommended Action   No action is required.

Message   `ZONE-6-LZ_FAILED_TO_SEND_HEARTBEAT: LUN/Read-only zoning process failed to send heartbeat to system manager: Reason=[chars]`

Explanation   The LUN/Read-only zoning process was unable to send heartbeat to the system manager.

Recommended Action   No action is required.

Message   `ZONE-6-LZ_GENERAL_EVENT: [chars]`

Explanation   The LUN/Read-only zoning process has generated an important event. The description of the event is [str].

Recommended Action   No action is required.

Message   ZONE-6-LZ_INQUIRY_TO_ZONED_OUT_LUN: INQUIRY command received from
SID=[chars] to DID=[chars] for LUN=[chars]

Explanation   The LUN/Read-only zoning process has received INQUIRY FCP command from SID
[char] to DID [char] for a zoned out LUN [char].

Recommended Action   No action is required.

Message   ZONE-6-LZ_REPORT_LUNS_CMD_RCVD: REPORT LUNS command received from
SID=[chars] to DID=[chars] for LUN=[chars]

Explanation   The LUN/Read-only zoning process has received REPORT LUNS FCP command from
SID [char] to DID [char] for LUN [char].

Recommended Action   No action is required.

Message   ZONE-6-LZ_REQUEST_SENSE_TO_ZONED_OUT_LUN: REQUEST SENSE command received
from SID=[chars] to DID=[chars] for LUN=[chars]

Explanation   The LUN/Read-only zoning process has received. REQUEST SENSE FCP command
from SID [char] to DID [char] for a zoned out LUN [char].

Recommended Action   No action is required.

Message   ZONE-6-LZ_SERVICE_UP: LUN/Read-only zoning Process initialized [chars]

Explanation   The LUN/Read-only zoning process is up. The process was initialized in [char] mode.

Recommended Action   No action is required.

Message   ZONE-6-LZ_SWITCHOVER: LUN/Read-only zoning process switching over to
other supervisor.

Explanation   The LUN/Read-only zoning process has successfully switched over to the standby
supervisor card.

Recommended Action   No action is required.

Message   ZONE-6-ZS_CHANGE_ACA_REJECTED: ACA received from remote domain [dec] is
rejected

Explanation   Received invalid ACA from domain [dec]. Either the domain list do not match OR
authorization has already been acquired by another switch.

Recommended Action   Verify the interoperability mode on the switch.

Message   `ZONE-6-ZS_FC2_OPER_INFO: FC2 [chars] operation failed: [chars]`

Explanation   Zone Server FC2 [chars] operation failed: [chars].

Recommended Action   No action is required.

Message   `ZONE-6-ZS_INIT_PROCESS: Zone Server process started [chars] at [chars]`

Explanation   Zone Server process started in [chars] (stateless/stateful) mode at time [chars].

Recommended Action   No action is required.

Message   `ZONE-6-ZS_INIT_WARNING: [chars]`

Explanation   Warning during Zone Server Initialization: [chars].

Recommended Action   No action is required.

Message   `ZONE-6-ZS_INVALID_MEMBER: Invalid member [dec] [chars]`

Explanation   Invalid member type [dec] [chars] received from the API call.

Recommended Action   No action is required.

Message   `ZONE-6-ZS_MGMT_SERVER_REQ: ZS received FC CT Mgmt Server [chars]. Command code [hex], from FCID [hex].`

Explanation   FC CT request has been received from Management Server. It is [chars]. Command code [hex], from FCId [hex]

Recommended Action   No Action is required.

Message   `ZONE-6-ZS_UNKNOWN_LIC_FEATURE: [chars]`

Explanation   Zone Server received an event for an known licensing feature: [chars].

Recommended Action   No action is required.