System Messages Reference: Messages T to Z

TACACS Messages

**TACACS-2**

*Error Message*  
TACACS-2-TACACS_PROGRAM_EXIT: TACACS+ daemon exiting: [chars]

*Explanation*  
TACACS+ daemon is exiting.

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

**TACACS-3**

*Error Message*  
TACACS-3-TACACS_ERROR_MESSAGE: [chars]

*Explanation*  
TACACS+ Error Message

*Recommended Action*  
No action is required.

**TACACS-4**

*Error Message*  
TACACS-4-TACACS_WARNING: [chars]

*Explanation*  
TACACS+ warning

*Recommended Action*  
No action is required.
**TACACS-5**

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

**Explanation**  
Notifying Tacacs+ server monitor status change

**Recommended Action**  
No action is required.

**Error Message**  
TACACS-5-TACACS_NOTIFICATION: [chars]

**Explanation**  
TACACS+ notification

**Recommended Action**  
No action is required.

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

**Explanation**  
Notifying Tacacs+ server status change

**Recommended Action**  
No action is required.

**TACACS-6**

**Error Message**  
TACACS-6-TACACS_ACCOUNTING_MESSAGE: [chars]

**Explanation**  
Accounting Message

**Recommended Action**  
No action is required.

**Error Message**  
TACACS-6-TACACS_MESSAGE: [chars]

**Explanation**  
TACACS+ Message

**Recommended Action**  
No action is required.

**TBIRD_CMN_USD Messages**

**TBIRD_CMN_USD-6**

**Error Message**  
TBIRD_CMN_USD-6-TBIRD_CMN_DEBUG_MSG: [chars]

**Explanation**  
Debug log message

**Recommended Action**  
No action is required.
TBIRD_FWD_USD-6

Error Message  TBIRD_FWD_USD-6-TBIRD_FWD_DEBUG_MSG: [chars]
Explanation  Debug log message
Recommended Action  No action is required.

TBIRD_MAC_USD Messages

TBIRD_MAC_USD-3

Error Message  TBIRD_MAC_USD-3-FCMAC_ERR_MSG: [chars]
Explanation  Error log message
Recommended Action  No action is required.

TBIRD_MAC_USD-6

Error Message  TBIRD_MAC_USD-6-FCMAC_DEBUG_MSG: [chars]
Explanation  Debug log message
Recommended Action  No action is required.

TBIRD_QUE_USD Messages

TBIRD_QUE_USD-6

Error Message  TBIRD_QUE_USD-6-TBIRD_QUE_DEBUG_MSG: [chars]
Explanation  Debug log message
Recommended Action  No action is required.
TBIRD_XBAR_USD Messages

TBIRD_XBAR_USD-6

Error Message  TBIRD_XBAR_USD-6-TBIRD_XBAR_DEBUG_MSG: [chars]
Explanation  Debug log message
Recommended Action  No action is required.

TCAP Messages

TCAP-2

Error Message  TCAP-2-MEM_FULL: Memory allocation failed.
Explanation  TCAP process has failed to allocate memory.
Recommended Action  Please perform a showtcapevent-history'tocollectmoreinformation.'

Error Message  TCAP-2-PROC_DN: Process is shutting down: [chars]
Explanation  TCAP process is exiting.
Recommended Action  Please perform a showtcapevent-history'tocollectmoreinformation.'

Error Message  TCAP-2-PROC_INITFAIL: Process initialization failed due to [chars].
Explanation  TCAP process has failed initialization.
Recommended Action  Please perform a showtcapevent-history'tocollectmoreinformation.'

TLPORT Messages

TLPORT-2

Error Message  TLPORT-2-INITFAIL: TL Port Manager Initialization failed: [chars]
Explanation  TL Port Manager initialization failed. [chars] explains the reason for the failure.
Recommended Action  No action is required.
TLPORT-3

Error Message TLPORT-3-ALLOCFAIL: Heap Memory allocation failed: [chars]
Explanation TL Port Manager is out of dynamic memory. [chars] specifies the context where the failure occurred.
Recommended Action No action is required.

Error Message TLPORT-3-FC2ERROR: [chars]
Explanation TL Port Manager encountered an FC2 error. [chars] specifies the context where the error occurred.
Recommended Action No action is required.

Error Message TLPORT-3-GENERROR: [chars]
Explanation TL Port Manager encountered a general error, one that does not fall in any of the above categories. [chars] describes the error and its context.
Recommended Action No action is required.

Error Message TLPORT-3-MTSERROR: [chars]
Explanation TL Port Manager encountered an MTS error. [chars] specifies the context where the error occurred.
Recommended Action No action is required.

Error Message TLPORT-3-PSSERROR: [chars]
Explanation TL Port Manager encountered a PSS error. [chars] specifies the context where the failure occurred.
Recommended Action No action is required.

TLPORT-4

Error Message TLPORT-4-TLPM_ALPA_CACHE_FULL: Translation Port ALPA cache is full. Some new entries may not be cached
Explanation TL Port cache is currently fully populated with active entries. Hence, there is no available cache space to be assigned any newly created alpa entry on a TL Port. This is an informational message.
Recommended Action No action is required.
TLPORT-6

**Error Message**  
TLPORT-6-MGRCREATED: Translation Port Manager created.

**Explanation**  
TL Port Manager was created successfully and is up and running. This is an informational message.

**Recommended Action**  
No action is required.

**Error Message**  
TLPORT-6-MGREXIT: Translation Port Manager shutting down gracefully.

**Explanation**  
TL Port Manager is shutting down gracefully. This is an informational message.

**Recommended Action**  
No action is required.

**Error Message**  
TLPORT-6-PORTDOWN: Translation Port [chars] DOWN.

**Explanation**  
A port configured as TL Port is DOWN and out of operation. [chars] is the interface-id string that identifies the TL Port. This is an informational message.

**Recommended Action**  
No action is required.

**Error Message**  
TLPORT-6-PORTUP: Translation Port [chars] UP.

**Explanation**  
A port configured as TL Port is UP and operational. [chars] is the interface-id string that identifies the TL Port. This is an informational message.

**Recommended Action**  
No action is required.

TPC Messages

TPC-SLOT#-5

**Error Message**  
TPC-SLOT#-5-LOG_ERR_TPC_DPP_DEAD: VSAN :[dec] VT pWWN :[chars] DPP died

**Explanation**  
The DPP associated with the Virtual Target has crashed

**Recommended Action**  
No action is required.

**Error Message**  
TPC-SLOT#-5-LOG_ERR_TPC_VT_ACT_FAILED: VSAN :[dec] VT pWWN :[chars] VT Activate failed

**Explanation**  
The activate step for a Virtual Target has failed

**Recommended Action**  
No action is required.
**Error Message**  
TPC-SLOT#-5-LOG_ERR_TPC_VT_CREATE_FAIL: VSAN :[dec] VT pWWN :[chars]  
VT and NPort creation FAILED !!!

**Explanation**  
The Virtual Target and nport creation failed

**Recommended Action**  
No action is required.

**Error Message**  
TPC-SLOT#-5-LOG_ERR_TPC_VTDESTROYED: VSAN :[dec] Virtual Target :[chars] Deleted  
Explanation  
The Virtual Target in the associated VSAN is being destroyed

**Recommended Action**  
No action is required.

**Error Message**  
TPC-SLOT#-5-LOG_ERR_TPC_VT_VSAN_DOWN: VSAN :[dec] VT pWWN :[chars]  
Explanation  
The VSAN where the Virtual Target is configured is down

**Recommended Action**  
No action is required.

**TTYD Messages**

**TTYD-2**

**Error Message**  
TTYD-2-TTYD_ERROR: TTYD Error [chars]

**Explanation**  
Critical TTY daemon error.

**Recommended Action**  
No action is required.

**Error Message**  
TTYD-2-TTYD_MTS: TTYD Message queue [dec] [chars]

**Explanation**  
TTY daemon message error.

**Recommended Action**  
No action is required.

**Error Message**  
TTYD-2-TTYD_SDWRAP: TTYD Debug Facility error [dec] [chars]

**Explanation**  
TTY daemon Debug Facility failed.

**Recommended Action**  
No action is required.
TTYD-3

Error Message  TTYD-3-TTYD_MISC_ERROR: Error [chars] with error [chars]([hex])

Explanation  TTY daemon errors.

Recommended Action  No action is required.

TTYD-6

Error Message  TTYD-6-TTYD_MISC: TTYD [chars]

Explanation  The tty daemon miscellaneous message.

Recommended Action  No action is required.

Error Message  TTYD-6-TTYD_PSS: TTYD Store error:[hex] [chars]

Explanation  Failed to store configuration for TTY service.

Recommended Action  No action is required.

TUNNEL Messages

TUNNEL-2

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

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

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

Error Message  TUNNEL-2-TM_F2_ONLY_VDC: Tunnel feature is not supported in F2 only VDC

Explanation  Tunnel feature is not supported in F2 only VDC

Recommended Action  Disable the Tunnel feature by the CLI "no feature tunnel"
TUNNEL-3

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

Explanation  Hardware programming failed for tunnel [num] interface

Recommended Action  Try shutdown'and'noshutdown'undertunnelinterface(submodeaftersometime.ifstilltunnelinterfacedoesn't comeupcaptureshowtech-supporttunneltoidentifytheissue'

TUNNEL-4

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

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

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


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

Recommended Action  No action is required.

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

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

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

Error Message  TUNNEL-4-TM_MTU_PROGRAMMING: Programming [chars] mtu [dec]...

Explanation  Programming [chars] mtu [int]

Recommended Action  No action is required.

TUNNEL-5

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

Explanation  Interface [char] counters is cleared

Recommended Action  No action is required.
Error Message  TUNNEL-5-IF_CREATED: Interface [chars] is created

Explanation  Interface [char] is created

Recommended Action  No action is required.

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

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

Recommended Action  No action is required.

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

Explanation  Interface [char] is deleted

Recommended Action  No action is required.

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

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

Recommended Action  No action is required.

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

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

Recommended Action  No action is required.

Error Message  TUNNEL-5-TM_DISABLED: Tunnel Disabled

Explanation  Tunnel Service Disabled

Recommended Action  No action is required.

Error Message  TUNNEL-5-TM_ENABLED: Tunnel Enabled

Explanation  Tunnel Service Enabled

Recommended Action  No action is required.
TUNNEL-7

**Error Message**  
TUNNEL-7-TM_INFO: [chars]

**Explanation**  
Tunnel Service info

**Recommended Action**  
No action is required.

U2RIB Messages

U2RIB-2

**Error 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.

**Error 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

**Error 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 dcefib library

**Recommended Action**  
No action is required.

U2RIB-5

**Error Message**  
U2RIB-5-U2RIB_DISABLED: U2RIB Disabled

**Explanation**  
U2RIB Service Disabled

**Recommended Action**  
No action is required.
Error Message:  U2RIB-5-U2RIB_ENABLED: U2RIB Enabled

Explanation: U2RIB Service enabled

Recommended Action: No action is required.

U2RIB-6

Error 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

UDLD-3

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

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

Recommended Action: LOG_STD_SH_TECH_ACTION

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

Explanation: Failed to send a message

Recommended Action: LOG_STD_SH_TECH_ACTION

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

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

Recommended Action: LOG_STD_SH_TECH_ACTION

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

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

Recommended Action: LOG_STD_SH_TECH_ACTION
**UDLD-4**

**Error Message**  
UDLD-4-UDLD_GWRAP_COUNT: UDLD gwrap count is %lu, please log a showtechudld'fordetailinfo.'

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

**Recommended Action**  
LOG_STD_SH_TECH_ACTION

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**Error 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

---

**Error 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

---

**Error Message**  
UDLD-4-UDLD_PORT_RESET: UDLD reset interface [chars]

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

**Recommended Action**  
LOG_STD_SH_TECH_ACTION

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**UDLD-5**

**Error Message**  
UDLD-5-UDLD_AGGRESSIVE: UDLD Aggressive

**Explanation**  
UDLD Service Aggressive

**Recommended Action**  
No action is required.

---

**Error Message**  
UDLD-5-UDLD_DISABLED: UDLD Disabled

**Explanation**  
UDLD Service Disabled

**Recommended Action**  
No action is required.
Error Message  UDLD-5-UDLDEditar: UDLD Enabled

Explanation  UDLD Service Enabled

Recommended Action  No action is required.

UFDM Messages

UFDM-2

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

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

Recommended Action  No action is required.

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

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

Recommended Action  No action is required.

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

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

Recommended Action  No action is required.

VDC_MGR Messages

VDC_MGR-2

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

Explanation  Vdc_mgr has hit a critical error

Recommended Action  A critical error has been hit within vdc_mgr. Please check show vdc to determine the state of the vdes
Error Message  VDC_MGR-2-VDC_LIC_WARN_EXP: WARNING License for vdc is about to expire! VDCs will be deleted if license is allowed to expire

Explanation  VDC license is close to expire

Recommended Action  Please contact your sales representative to obtain a license

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

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

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

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

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

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

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

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

Recommended Action  No action is required.

Error Message  VDC_MGR-2-VDC_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 a type unsupported by the current vdc. You can see port membership by 'show vdc membership' and check the current vdc's configuration via '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

Error 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

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

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

Recommended Action   Vdc_mgr

Error 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

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

Explanation   Allowed feature-set config has changed

Recommended Action   No action is required.

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

Explanation   Allowed feature-set config has changed

Recommended Action   No action is required.

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

Explanation   Host name for a vdc has changed.

Recommended Action   No action is required.

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

Explanation   A new interface has been added to this vdc

Recommended Action   No action is required.
Error Message  VDC_MGR-5-VDC_MEMBERSHIP_DELETE: vdc_mgr: Interface [chars] has been removed from this vdc

Explanation  A new interface has been removed from this vdc

Recommended Action  No action is required.

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

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

Recommended Action  No action is required.

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

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

Recommended Action  No action is required.

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

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

Recommended Action  No action is required.

VEC Messages

VEC-SLOT#-3

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

Explanation  No action is required.

Recommended Action  Vec


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

Recommended Action  No action is required.
**VEC-SLOT#-4**

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

**Explanation**  
No action is required.

**Recommended Action**  
Vec

**VEC-SLOT#-5**

**Error Message**  

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

**Recommended Action**  
No action is required.

**Error Message**  

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

**Recommended Action**  
No action is required.

**Error Message**  

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

**Recommended Action**  
No action is required.

**Error Message**  

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

**Recommended Action**  
No action is required.

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

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

**Recommended Action**  
No action is required.

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

Recommended Action  No action is required.

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

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

Recommended Action  No action is required.


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

Recommended Action  No action is required.


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

Recommended Action  No action is required.


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

Recommended Action  No action is required.


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.

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

Recommended Action  No action is required.


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

Recommended Action  No action is required.


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

Recommended Action  No action is required.


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

Recommended Action  No action is required.


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

Recommended Action  No action is required.


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

Recommended Action  No action is required.


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

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

Recommended Action  No action is required.

Error Message  VEC-SLOT#-5-LOG_NOTICE_VEC_WORK_THRESH: VEC did not yield 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

VEDB_MGR-2

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

Explanation  The VEDB library could not allocate memory.

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

VEDB_MGR-6

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

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

Recommended Action  No action is required.

Error Message  VEDB_MGR-6-SERVICE_UP: Initialized [chars]

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

Recommended Action  No action is required.
VES Messages

VES-SLOT#-4

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

Explanation  The VES maximum volume configuration was exceeded. Volume will be virtualized by the cpp.

Recommended Action  No action is required.

VES-SLOT#-5

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

Explanation  An VERIFY MISMATCH Event is received for a State in the VES PATH FSM which should not have occured.

Recommended Action  No action is required.


Explanation  An Event is received for a State in the VES VEP FSM which should not have occured.

Recommended Action  No action is required.


Explanation  An Event is received for a State in the VES VSAN FSM which should not have occured.

Recommended Action  No action is required.


Explanation  An Event is received for a State in the VES VSAN XCHG FSM which should not have occured.

Recommended Action  No action is required.
Error Message  VES-SLOT#-5-LOG_NOTICE_VES_SLEEP_THRESH: VES not scheduled for [dec] seconds

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

Recommended Action  No action is required.

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

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

Recommended Action  No action is required.

VFC Messages

VFC-3

Error Message  VFC-3-VFC_MEM_ERROR: Memory consistency problem

Explanation  Miscellaneous target error

Recommended Action  No action is required.

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

Explanation  Miscellaneous target error

Recommended Action  No action is required.

VFC-6

Error Message  VFC-6-STARTING: daemon started

Explanation  The VFC daemon successfully started

Recommended Action  No action is required.
VLAN_MGR Messages

VLAN_MGR-2

Error Message  VLAN_MGR-2-CRITICAL_MSG: [chars]
Explanation  VLAN Manager Critical Message
Recommended Action  No action is required.

Error Message  VLAN_MGR-2-FABRIC_DYNAMIC_CORE_VLAN_RANGE_REMOVED: Fabric dynamic and core VLAN ranges removed. Please delete VLANs [chars] in the ranges
Explanation  VLAN Manager Core VLAN Range Removal Message
Recommended Action  No action is required.

Error Message  VLAN_MGR-2-SYS_TRUNK_DYN_VLAN_FEATURE_DISABLE: [chars]
Explanation  VLAN Manager System Default Trunk Allocate Vlan Dynamic Feature Configuration Disable Message
Recommended Action  No action is required.

VLAN_MGR-3

Error Message  VLAN_MGR-3-ERROR_MSG: [chars]
Explanation  VLAN manager error
Recommended Action  No action is required.

VLAN_MGR-4

Error Message  VLAN_MGR-4-WARN_MSG: [chars]
Explanation  VLAN manager warning
Recommended Action  No action is required.
VLAN_MGR-5

Error Message    VLAN_MGR-5-NOTIF_MSG: [chars]
Explanation       VLAN Manager Notification Message
Recommended Action No action is required.

Error Message    VLAN_MGR-5-RESERVED_VLAN_RANGE_CHANGED: New Reserved VLAN Range Configured From VLAN [dec] to VLAN [dec]
Explanation       VLAN Manager Reserved VLAN Reconfiguration Message
Recommended Action No action is required.

VLAN_MGR-6

Error Message    VLAN_MGR-6-INFO_MSG: [chars]
Explanation       VLAN manager info
Recommended Action No action is required.

Error Message    VLAN_MGR-6-VLAN_CREATED: VLAN [dec], created
Explanation       VLAN created
Recommended Action No action is required.

Error Message    VLAN_MGR-6-VLAN_MGR_STATEFULL_RESTART: VLAN Manager statefull restart
Explanation       VLAN Manager statefull restart
Recommended Action No action is required.

Error Message    VLAN_MGR-6-VLAN_MGR_STATELESS_RESTART: VLAN Manager stateless restart
Explanation       VLAN Manager stateless restart
Recommended Action No action is required.
Error Message: VLAN_MGR-6-VLAN_OPER_STATUS_CHG: VLAN [dec], status changed to [chars]

Explanation: VLAN operational state change

Recommended Action: No action is required.

VMAN Messages

VMAN-2

Error Message: VMAN-2-ACTIVATION_STATE: [chars] [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-managerslogs for the cause of the failure. In the successful case, this notification can be ignored.'

Error 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 Virt-manager logs and scan them for the cause.

Error 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.

Error 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.
Error 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.

Error 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.

Error 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 Virt-manager logs and scan them for the cause.

Explanation: An ISSU event is pending. Any active VMs will be automatically deactivated to allow ISSU preprocessing to validate the environment. Any ISSU-deactivated VMs will be automatically restarted if the ISSU is cancelled.
Recommended Action: None. Allow the ISSU to continue and the VMs will restart when the ISSU completes; or cancel the ISSU and vman will automatically restart the VMs.

Error 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.

Error 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 Harddisk, 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.
**Error 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.

**Error 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

**Error Message**  VMAN-2-HA_STATE: \[chars\] \[chars\] \[chars\] \[chars\]

**Explanation**  VMAN tries to detect the role/slot of various nodes on HA events from the platform. If any of those event callbacks fail, this notification would be raised.

**Recommended Action**  In the failed case, check Virt-managers logs for the cause of the failure. Check the HA event error msg and root cause the same.'

**Error 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.

**Error Message**  VMAN-2-HA_SYNC_THREAD_STATE: HA remote synchonize thread has failed and exited.

**Explanation**  VMAN tries to remote sync the OVA repository to all online nodes using a separate thread. If that thread fails, this notification would be raised.

**Recommended Action**  In the failed case, check Virt-managers logs for the cause of the failure. Check the thread error msg and root cause the same.'

**Error 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.
Error 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.

Error 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.

Error 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.

Error Message    VMAN-2-INSTALL_LOG: [chars] [chars] [chars] [chars]

Explanation     The installation log of the named virtual service, is to provide more information about long running operation, that could affect the control of CLI

Recommended Action    No action is required

Error 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(harddisk) detection.

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

Error Message    VMAN-2-INSTALL_STATE: [chars] [chars]'[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-managerslogsforthe cause of the failure.Inthesuccessfulcase,this notification can be ignored.'
Error 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.

Error 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.

Error 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.

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

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

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

Error 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.
Error 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


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.

Error 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.

Error 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.

Error Message  VMAN-2-MOVE_STATE: [chars] [chars]'[chars][chars]'[chars]

Explanation  The move of the core or log file of the named virtual service has as been successful or failed as notified by Virt-manager.

Recommended Action  In the failed case, check Virt-managerslogsfor thecause of the failure. Inthesuccessfulcase, thisnotificationcanbeignored.'

Error 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
Error 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.

Error 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.

Error 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.

Error Message  VMAN-2-RESET_FORCE: Virtual Services non-recoverable reset command processed

Explanation  A virtualserviceresetforce'commandhasbeenenteredandprocessed.This action initiates a clean-up of the system. Occasionally a VM will get into an unrecoverable state that prevents it from activating but also from uninstalling. This is a rare event but when it happens the only resort may be to remove the confcontrolfile and reboot, which forces a clean-up of all previously installed VM files and artifacts. Notethat on this command is used, current VMs are considered to be in an unstable or unpredictable state, and all future install, uninstall, upgrade, and activation commands will be blocked.

Recommended Action  Once the command is entered and accepted, there is no recourse but to restart the system.

Error Message  VMAN-2-RSYNC_STATE: [chars] [chars] [chars] [chars]

Explanation  VMAN tries to remote sync the virtual-instance configuration file and the OVA repository to all online nodes. If rsync fails even after consecutive retries, this notification would be raised.

Recommended Action  In the failed case, check Virt-managerslogs for the cause of the failure. Check for the sync error code and root cause the same.
**Error 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.

**Error 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.

**Error Message**  
VMAN-2-START_FAILED: Virtual Service[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.

**Error Message**  
VMAN-2-UNINSTALL_ALL_VMS: All Virtual Services are being uninstalled [chars][chars][chars]

**Explanation**  
All virtual services are being uninstalled by Virt-manager.

**Recommended Action**  
Examine the reason given as to why all virtual services are being uninstalled for more information. If the reason indicated is due to some error condition, check Virt-managerslogsforthecauseofthefailure.'

**Error Message**  
VMAN-2-UPGRADE_LOG: [chars][chars][chars][chars]

**Explanation**  
The upgrade log of the named virtual service, is to provide more information about long running operation, that could affect the control of CLI

**Recommended Action**  
No action is required

**Error 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.
Error 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.

Error Message VMAN-2-VIRT_INST_CRIT: VIRTUAL SERVICE [chars] LOG: [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

Error Message VMAN-2-VIRTINST_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.

Error 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.

Error Message VMAN-2-VIRT_INST_LOG_UNTHROTTLE: Failed to unthrottle the log for virtual service [chars]

Explanation The named virtual service had sent overwhelming sys log messages and its log had been throttled as a result, but system has failed to unthrottle it for some reason.

Recommended Action For debugging collect the virt-manager logs and scan them for the cause.

Error 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.
**Error 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.

**Error 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**

**Error 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.

**Error 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.

**Error 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.

**Error Message**  
VMAN-3-VIRT_INST_ERR: VIRTUAL SERVICE [chars] LOG: [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
VMAN-4

Error Message  VMAN-4-PACKAGE_SIGNING_LEVEL_CHANGED: Package signing level changed from allow [chars]'toallow'[chars]''

Explanation  The package certificate signing level global setting has been changed via configuration under the virtual-service global sub-mode.

Recommended Action  Ensure that this setting has been changed as expected by an authorized user.

Error Message  VMAN-4-VIRT_INST_WARN: VIRTUAL SERVICE [chars] LOG: [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

Error Message  VMAN-4-VIRT_SERV_LIBVIRTD_WARN: VMAN not able to connect to the libvirt daemon after [dec]'attempts'

Explanation  VMAN has been unable to connect to the libvirt daemon. Virtualization services will not be available until this connection is made.

Recommended Action  Collect the logs produced by showvirttech"

Error 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

Error 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
Error Message VMAN-5-PACKAGE_SIGNING_LEVEL_ON_INSTALL: Package [chars]'forservicecontainer'[chars]'is'[chars]',[chars]'[chars]'' 

Explanation A service container software package with the certificate signing level described is being installed.

Recommended Action Take note of the service container and software package. Verify the software package is expected to be (un)signed as described and has the appropriate contents. Uninstall the package if unsure of the package origins.

Error Message VMAN-5-VIRT_INST_NOTICE: VIRTUAL SERVICE [chars] LOG: [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

Error 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

VMAN-6

Error Message VMAN-6-VIRT_INST_INFO: VIRTUAL SERVICE [chars] LOG: [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

VMAN-7

Error Message VMAN-7-VIRT_INST_DEBUG: VIRTUAL SERVICE [chars] LOG: [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
VNI Messages

VNI-2

Error Message  VNI-2-ALLOC_MEMORY: Memory allocation failed
Explanation  The service failed to allocate a block of dynamic memory.
Recommended Action  No action is required.

VNI-3

Error Message  VNI-3-INIT_FAILED: Initialization failed. Component [chars]
Explanation  The service failed to start. The failure occurred while initializing the component [chars].
Recommended Action  Show processes to check the status of the other processes, debug the specified component.

VNI-6

Error Message  VNI-6-INTERFACE_EVENT: VSAN interface [chars] [chars]
Explanation  The specified VSAN Interface has been successfully [chars].
Recommended Action  No action is required.

Error Message  VNI-6-STARTING: Virtual Network Interface Manager started
Explanation  The service has successfully started.
Recommended Action  No action is required.

Error Message  VNI-6-VSAN_DELETED: VSAN [dec] has been deleted
Explanation  The specified VSAN has been deleted. The service will delete all the configuration on that VSAN.
Recommended Action  No action is required.
VNSEGMENT_MGR Messages

VNSEGMENT_MGR-2

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

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

**Recommended Action**  No action is required.

**Error Message**  VNSEGMENT_MGR-2-RANDNUM_FAIL: [chars]

**Explanation**  There was a critical error during random number generation. [chars] indicates details of the error

**Recommended Action**  No action is required.

**Error Message**  VNSEGMENT_MGR-2-VNSEG_INIT: VNSEG initialization of [chars] [chars]

**Explanation**  VNSEG initialization failed

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

**Error Message**  VNSEGMENT_MGR-2-VNSEG_ISSU_LC_RESET: VNSEG resetting LC[dec] to prevent Loops during ISSU caused by a topology change in the network. Peer on [chars] [chars] could not be Disputed

**Explanation**  This can happen as a result of a topology change in the network while the Linecard was undergoing ISSU. Since VNSEG cannot change the port state to blocking on the Linecard undergoing ISSU, it will first try to prevent the Loop by causing a Dispute on the peer ports forcing them into blocking state. But if the peer does not support Dispute mechanism, and VNSEG detects a potential Loop, it will reset the Linecard to prevent the Loop

**Recommended Action**  LOG_STD_NO_ACTION

VNSEGMENT_MGR-6

**Error Message**  VNSEGMENT_MGR-6-PORT_ADDED: Interface [chars], added to [chars] with role [chars], state [chars], cost [dec], priority [dec], link-type [chars]

**Explanation**  This spanning tree port has been added

**Recommended Action**  LOG_STD_NO_ACTION
Error Message  VNSEGMENT_MGR-6-PORT_DELETED: Interface [chars], removed from [chars]

Explanation  This spanning tree port has been deleted

Recommended Action  LOG_STD_NO_ACTION

Error Message  VNSEGMENT_MGR-6-PORT_RANGE_DELETED: Interface [chars] removed from [chars]

Explanation  This range spanning tree logical ports has been deleted

Recommended Action  LOG_STD_NO_ACTION

Error Message  VNSEGMENT_MGR-6-SERVICE_UP: Initialized [chars]

Explanation  VNSEG line 2.

Recommended Action  No action is required.

Error Message  VNSEGMENT_MGR-6-STATE_CREATED: Internal state created [chars]

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

Recommended Action  No action is required.

**VPC Messages**

**VPC-2**

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

Explanation  ASIC failure notification

Recommended Action  No action is required.

Error Message  VPC-2-OOB_INIT_FAIL: vPC Peer link config fail ([chars])

Explanation  OOB peer link config failed. due to [chars]

Recommended Action  No action is required.
Error Message  VPC-2-PEER_KEEP_ALIVE_RECV_FAIL: In domain [dec], VPC peer keep-alive receive has failed

Explanation  Peer keep-alive receive failed

Recommended Action  No action is required.

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

Explanation  Peer keep-alive send failed

Recommended Action  No action is required.

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

Explanation  VPC bringup failed

Recommended Action  No action is required.

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

Explanation  VPC tracked object down

Recommended Action  No action is required.


Explanation  Enabling of vPCM Service failed

Recommended Action  No action is required.

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

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

Recommended Action  No action is required.

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

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

Recommended Action  No action is required.
Error Message  VPC-2-VPC_ES_FAILED_LID_ALLOC: Failed to negotiate common LID between vPC peers.

   Explanation  Failed to find common lid.

   Recommended Action  No action is required.


   Explanation  Triggered in mcecm_em_es_failed. Bring down peer-link.

   Recommended Action  No action is required.

Error Message  VPC-2-VPC_ES_ID_REG_FAILED: Fabricpath switch ID configuration failed

   Explanation  Fabricpath switch ID could not be registered. This could be due to Duplicate Switch ID being configured

   Recommended Action  Configure a different Fabricpath switch ID

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

   Explanation  Triggered in mcecm_cfg_es_failed when peer-link bringup fails.

   Recommended Action  No action is required.

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

   Explanation  Graceful configuration change, reinit vPCs

   Recommended Action  No action is required.

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

   Explanation  Peer vPC switch issu end

   Recommended Action  No action is required.

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

   Explanation  Peer vPC switch issu start

   Recommended Action  No action is required.
**Error Message**  
VPC-2-VPC_LC_FAIL: LC [dec] does not support required hardware for vPC; run showvdcmembershipstatus'forportstatus'

**Explanation**  
Lc insertion failed

**Recommended Action**  
No action is required.

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

**Explanation**  
Triggered in mcecm_em_es_failed. Bring down peer-link.

**Recommended Action**  
No action is required.

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

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

**Recommended Action**  
No action is required.

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

**Explanation**  
Triggered when vpc DB and IM SDB are inconsistent

**Recommended Action**  
No action is required.

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

**Explanation**  
Peer link down suspend vPCs

**Recommended Action**  
No action is required.

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

**Explanation**  
VPC track object deconfigured

**Recommended Action**  
No action is required.
VPC-3

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

   Explanation      Global compat-check failed
   Recommended Action   No action is required.

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

   Explanation      MCEC compat-check failed
   Recommended Action   No action is required.

Error Message  VPC-3-PEER_UNREACHABLE: Remote Switch Unreachable

   Explanation      Peer unreachable
   Recommended Action   No action is required.

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

   Explanation      Peer vPC bringup failed
   Recommended Action   No action is required.

Error Message  VPC-3-VPCM_ASSERTION_FAILED: [chars]

   Explanation      VPCM has hit an assert condition at file [chars]
   Recommended Action   No action is required.

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

   Explanation      VPCM Initialization failed. due to [chars]
   Recommended Action   No action is required.

Error Message  VPC-3-VPCM_INTERNAL_ERR: [chars]

   Explanation      VPCM encountered an internal error due to [chars]
   Recommended Action   No action is required.
### Error Message

**VPC-3-VPCM_MTS_ERR:** [chars]

**Explanation**
VPCM encountered an MTS error due to [chars]

**Recommended Action**
No action is required.

### Error Message

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

**Explanation**
VPC bringup failed

**Recommended Action**
No action is required.

### Error Message

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

**Explanation**
VPC Peer-link bringup failed

**Recommended Action**
No action is required.

### Error Message

**VPC-3-VPC_PEER_LINK_DOWN:** VPC Peer-link is down ([chars])

**Explanation**
VPC Peer link is down (reason)

**Recommended Action**
No action is required.

### VPC-4

**Error Message**

**VPC-4-PEER_VPC_DELETED:** Peer vPC [dec] deleted

**Explanation**
Peer vPC configuration deleted

**Recommended Action**
No action is required.

**Error Message**

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

**Explanation**
Global Consistency check for vPC failed for new vlans

**Recommended Action**
No action is required.

**Error Message**

**VPC-4-VPC_DELETED:** vPC [dec] (interface [chars]) is deleted

**Explanation**
VPC configuration deleted

**Recommended Action**
No action is required.
Error Message  
VPC-4-VPC_DISABLE_IP_REDIRECTS: peer-gateway enabled. Disabling IP redirects on all interface-vlans of this vPC domain for correct operation of this feature.

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

Recommended Action  No action is required.

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

Explanation  Failed to deliver LC upgrade to peer

Recommended Action  No action is required.

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

Explanation  VPC Peer-link configuration removed

Recommended Action  No action is required.

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

Explanation  VPC Peer role status changed to (Primary/Secondary

Recommended Action  No action is required.

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

Explanation  Global Consistency check for vPC failed for few vlans

Recommended Action  No action is required.

Error Message  
VPC-4-VPC_PER_VLAN_NO_SUPPORT: ISSD/ISSU to an 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.

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

Explanation  Initializing vpcs assuming peer dead

Recommended Action  No action is required.
Error Message
VPC-4-VPC_ROLE_CHANGE: In domain [dec], VPC role status has changed to [chars]

Explanation
VPC role status changed to (Primary/Secondary)

Recommended Action
No action is required.

VPC-5

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

Explanation
Global compat-check passed

Recommended Action
No action is required.

Error Message
VPC-5-INTF_CONSISTENCY_SUCCESS: In domain [dec], vPC [dec] configuration (interface [chars]) is consistent

Explanation
VPC configuration is consistent

Recommended Action
No action is required.

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

Explanation
VPC peer-keepalive receive interface changed

Recommended Action
No action is required.

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

Explanation
Peer keep-alive receive successful

Recommended Action
No action is required.

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

Explanation
VPC peer-keepalive send interface changed

Recommended Action
No action is required.
<table>
<thead>
<tr>
<th>Error Message</th>
<th>Description</th>
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<tr>
<td>VPC-5-PEER_KEEP_ALIVE_SEND_SUCCESS</td>
<td>In domain [dec], vPC peer keep-alive send is successful</td>
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<tr>
<td>Explanation</td>
<td>Peer keep-alive send successful</td>
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<td>Recommended Action</td>
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<tr>
<td>VPC-5-PEER_KEEP_ALIVE_STATUS</td>
<td>In domain [dec], peer keep-alive status changed to [chars]</td>
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<tr>
<td>Explanation</td>
<td>Peer keep-alive (oob) status is changed to &lt;peer-alive</td>
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<tr>
<td>Recommended Action</td>
<td>Peer-not-alive</td>
</tr>
<tr>
<td>VPC-5-ROLE_PRIORITY_CFGD</td>
<td>In domain [dec], vPC role priority changed to [dec]</td>
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<tr>
<td>Explanation</td>
<td>Role priority configured</td>
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<tr>
<td>Recommended Action</td>
<td>No action is required.</td>
</tr>
<tr>
<td>VPC-5-SYSTEM_MAC_CFGD</td>
<td>In domain [dec], vPC system-mac changed to [chars]</td>
</tr>
<tr>
<td>Explanation</td>
<td>System mac configured</td>
</tr>
<tr>
<td>Recommended Action</td>
<td>No action is required.</td>
</tr>
<tr>
<td>VPC-5-SYSTEM_PRIO_CFGD</td>
<td>In domain [dec], vPC system priority changed to [dec]</td>
</tr>
<tr>
<td>Explanation</td>
<td>System priority changed</td>
</tr>
<tr>
<td>Recommended Action</td>
<td>No action is required.</td>
</tr>
<tr>
<td>VPC-5-VPCM_DISABLED</td>
<td>vPC Manager disabled</td>
</tr>
<tr>
<td>Explanation</td>
<td>VPCM Service Disabled</td>
</tr>
<tr>
<td>Recommended Action</td>
<td>No action is required.</td>
</tr>
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<td>VPC-5-VPCM_ENABLED</td>
<td>vPC Manager enabled</td>
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<tr>
<td>Explanation</td>
<td>VPCM Service Enabled</td>
</tr>
<tr>
<td>Recommended Action</td>
<td>No action is required.</td>
</tr>
</tbody>
</table>
Error 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.

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

Explanation   VPC delay interface-vlan restore timer start

Recommended Action   No action is required.

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

Explanation   VPC is down (reason)

Recommended Action   No action is required.

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

Explanation   VPC Peer-link is up

Recommended Action   No action is required.

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

Explanation   VPC restore timer expired

Recommended Action   No action is required.

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

Explanation   VPC restore timer start

Recommended Action   No action is required.

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

Explanation   VPC preemption triggered

Recommended Action   No action is required.
VPC-5

Error Message  VPC-5-VPC_UP: vPC [dec] (interface [chars]) is up

Explanation  MCEC is UP

Recommended Action  No action is required.

VPC-6

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

Explanation  Locking failed on peer switch

Recommended Action  No action is required.

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

Explanation  Remote MCEC configured vlans Changed

Recommended Action  No action is required.

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

Explanation  VPC is configured

Recommended Action  No action is required.

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

Explanation  Peer vPC is down

Recommended Action  No action is required.

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

Explanation  Peer vPC is up

Recommended Action  No action is required.

Error Message  VPC-6-STATS_CLEARED: vPC Statistics Cleared

Explanation  VPC statistics cleared

Recommended Action  No action is required.
Error Message: VPC-6-TRACK_OBJ_CONFIGURED: In domain [dec], track object configured [dec]

Explanation: VPC track object configured

Recommended Action: No action is required.

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

Explanation: VPC track object deconfigured

Recommended Action: No action is required.

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

Explanation: Type-1 Parameters Changed

Recommended Action: No action is required.

Error Message: VPC-6-VPCM_INTERNAL_INFO: [chars]

Explanation: VPCM got an internal info [chars]

Recommended Action: No action is required.

Error Message: VPC-6-VPC_ALLOWED_VLAN_CHANGED: vPC [dec] (interface [chars]) operational vlans changed

Explanation: Operational vlans changed on vPC

Recommended Action: No action is required.

Error Message: VPC-6-VPC_CFGD: vPC [dec] (interface [chars]) is configured

Explanation: VPC is configured

Recommended Action: No action is required.

Error Message: VPC-6-VPC_CONSISTENCY_CHECK_BYPASS: Bypassing consistency check for vPC: [dec] (interface [chars])

Explanation: Bypassing consistency check for vpcs

Recommended Action: No action is required.
Error Message: VPC-6-VPC_CONSISTENCY_NEW_VLAN_PASS: Global Consistency check for vPC passed for new vlans

Explanation: Global Consistency check for vPC passed for new vlans

Recommended Action: No action is required.

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

Explanation: VPC domain-id configured

Recommended Action: No action is required.


Explanation: DF state changed for some vPC.

Recommended Action: No action is required.

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

Explanation: Fabricpath switch ID configured

Recommended Action: No action is required.

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

Explanation: Fabricpath switch ID removed

Recommended Action: No action is required.

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

Explanation: VPC Peer-link is configured

Recommended Action: No action is required.

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

Explanation: Global Consistency check for vPC passed for all vlans

Recommended Action: No action is required.
VPM Messages

VPM-2

Error Message  VPM-2-GENERAL_ERROR: [chars]
Explanation  The VP Manager has encountered an critical error. The description of error is [str.]
Recommended Action  No action is required.

Error Message  VPM-2-MALLOC_ERROR: Size [dec] bytes
Explanation  The VP Manager could not allocate memory.
Recommended Action  Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message  VPM-2-PSS_ERROR: [chars]
Explanation  The VP Manager encountered error while operating on a persistent storage database.
Recommended Action  No action is required.

Error Message  VPM-2-VPMON_CRIT: [chars] [dec]
Explanation  VPMON daemon critical message
Recommended Action  No action is required.

Error Message  VPM-2-VPMON_DPP_DOWNLOAD: HB failure, Restarting the DPP [dec]
Explanation  VPMON daemon redownloading DPP(s)
Recommended Action  ISAPI API users need to re-download config data to fast path

Error Message  VPM-2-VPMON_DPP_RELOAD_FORCE: Force reload of DPP(s) [chars]: [chars]
Explanation  VPMON daemon critical action message
Recommended Action  No action is required.
VPM-3

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

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

Recommended Action  No action is required.

Error Message  VPM-3-SEND_TO_ILC_FAILED: [chars]

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

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

Error Message  VPM-3-SEND_TO_SNMP_AGENT_FAILED: [chars]

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

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

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

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

Recommended Action  No action is required.

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

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

Recommended Action  No action is required.

VPM-4

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

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

Recommended Action  No action is required.
VPM-6

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

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

**Recommended Action** No action is required.

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

**Explanation** The VP Manager became standby from active mode.

**Recommended Action** No action is required.

**Error Message** VPM-6-DG_DEREGISTERED: [chars]

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

**Recommended Action** No action is required.

**Error Message** VPM-6-DG_REGISTERED: [chars]

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

**Recommended Action** No action is required.

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

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

**Recommended Action** No action is required.

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

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

**Recommended Action** No action is required.

**Error Message** VPM-6-GENERAL_EVENT: [chars]

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

**Recommended Action** No action is required.
Error Message: VPM-6-PSS_CREATED: [chars] PSS Created
Explanation: One of the persistent information database of VP Manager has been recreated
Recommended Action: No action is required.

Error Message: VPM-6-PSS_DESTROYED: [chars] PSS Destroyed
Explanation: One of the persistent information databases of Vp Manager has been intentionally destroyed and would be recreated.
Recommended Action: No action is required.

Error Message: VPM-6-SERVICE_UP: Initialized [chars]
Explanation: The VP Manager is up and ready to accept client requests The service was initialized in [char] mode.
Recommended Action: No action is required.

Error Message: VPM-6-SWITCHOVER: Switching Over to other Sup.
Explanation: The VP Manager has successfully switched over to the standby supervisor card.
Recommended Action: No action is required.

Error Message: VPM-6-VPMON_INFO: [chars]
Explanation: VPMON daemon informational message
Recommended Action: No action is required.

Error Message: VPM-6-VPMON_STARTING: deamon started
Explanation: The VPMON daemon successfully started
Recommended Action: No action is required.

Error Message: VPM-6-VPM_MDS_LICENSE_GRACE: MDS LICENSE in grace period for feature : [chars]
Explanation: MDS license is in grace period. Please retrieve a new MDS license
Recommended Action: No action is required.
**Error Message**  
VPM-6-VPM_MDS_LICENSE_REVOKED: MDS LICENSE REVOKED for feature : [chars]

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

**Recommended Action**  
No action is required.

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

**Explanation**  
Timed MDS license

**Recommended Action**  
No action is required.

**VPM-SLOT#-2**

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

**Explanation**  
Component caused critical error

**Recommended Action**  
Restart the linecard

**Error Message**  
VRRP-CFG-2-ALLOC_MEMORY: Memory allocation failed

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

**Recommended Action**  
No action is required.

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

**Explanation**  
VRRPparsetreeregistrationwithVSHfailed'

**Recommended Action**  
No action is required.

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

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

**Recommended Action**  
Show processes to check the status of the other processes, debug the specified component.
**Error Message**: VRRP-CFG-3-VRRP_FEATURE_MANAGER_ERROR: Error in feature manager operation

**Explanation**: The feature manager operation did not go through fine

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

---

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

**Explanation**: The service successfully started.

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

---

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

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

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

---

**Error Message**: VRRP-ENG-2-VR_FAILURE: Error in VR[chars] [dec] interface [chars]. Going to init state

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

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

---

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

**Explanation**: VRRP-ARP interaction failed.

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

---

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

**Explanation**: Plz refer internal error history for more details.

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

---

**Error Message**: VRRP-ENG-3-BFD_SESSION_ADD_ERROR: Failed to add a few VRRP-BFD sessions{[hex] [hex]}, Refer logs

**Explanation**: Plz refer internal error history for more details.

**Recommended Action**: No action is required.
Error Message VRRP-ENG-3-BFD_SESSION_CREATION_ERROR: Failed to create BFD session information([hex] [hex]), Refer logs

Explanation Plz refer internal error history for more details.

Recommended Action No action is required.

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

Explanation Plz refer internal error history for more details.

Recommended Action No action is required.

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

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

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

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

Explanation VRRP-IP interaction failed.

Recommended Action No action is required.

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

Explanation VRRP-L3VM interaction failed.

Recommended Action No action is required.

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

Explanation VRRP-URIB interaction failed.

Recommended Action No action is required.


Explanation The virtual router specified has received an invalid advertisement.

Recommended Action Check that all VRRP nodes have the same configuration.
Error Message  VRRP-ENG-5-INTERFACE_DOWN: Cannot start the VR[chars] [dec] since the interface [chars] is down

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

Recommended Action  No action is required.

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

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

Recommended Action  No action is required.

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

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

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

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

Explanation  The service successfully started.

Recommended Action  No action is required.


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

Recommended Action  No action is required.

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

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

Recommended Action  No action is required.
VSAN Messages

VSAN-2

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

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

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

VSAN-3

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

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

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

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

**Explanation**  Memory allocation of size [dec] failed.

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

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

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

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

VSAN-6

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

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

**Recommended Action**  No action is required.
Error Message  VSAN-6-CFS_MERGE_NOT_SUPPORTED: merging of fctimer configuration data is not supported

Explanation  Merging of fctimer configuration data using cfs is not supported

Recommended Action  No action is required.

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

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

Recommended Action  No action is required.

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

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

Recommended Action  No action is required.

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

Explanation  Removed VSAN with ID [dec].

Recommended Action  No action is required.

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

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

Recommended Action  No action is required.

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

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

Recommended Action  No action is required.
**VSD Messages**

**VSD-SLOT#-2**

**Error Message**
VSD-SLOT#-2-CPP_CATASTROPHIC_ERROR: ERROR: Component \( [\text{chars}] \) caused critical error please reboot SSM

**Explanation**
Component caused critical error

**Recommended Action**
Restart the linecard

---

**VSHD Messages**

**VSHD-2**

**Error Message**
VSHD-2-VSHD_ROLE_DATABASE_TOO_LARGE: Role database too large. Unable to add RBAC entry

**Explanation**
There are too many rules and policies configured causing the entire role database too exceed 120KB

**Recommended Action**
Please delete some rules, policies, or roles and try to better optimize the RBAC database

**Error Message**
VSHD-2-VSHD_SYSLOG_EOL_ERR: EOL function \([\text{chars}]\) from library \([\text{chars}]\) exited due to Signal \([\text{dec}]\)

**Explanation**
Error in CLI EOL function

**Recommended Action**
No action is required.

**Error Message**
VSHD-2-VSHD_SYSLOG_PSS_SNAPSHOT_ERR: Source URI: \([\text{chars}]\) Destination URI: \([\text{chars}]\) errcode: \([\text{dec}]\)

**Explanation**
PSS snapshot error

**Recommended Action**
No action is required.

**Error Message**
VSHD-2-VSHD_SYSLOG_SDWRAP_ERR: Description: \([\text{chars}]\) errcode: \([\text{dec}]\)

**Explanation**
Debug infrastructure error

**Recommended Action**
No action is required.
VSHD-3

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

Explanation  This is probably occurring due to unstable fabric

Recommended Action  Please retry operation when fabric is stable

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

Explanation  File handling error

Recommended Action  No action is required.

Error Message  VSHD-3-VSHD_SYSLOG_MTS_ERR: message [chars]

Explanation  MTS message handling error

Recommended Action  No action is required.

Error Message  VSHD-3-VSHD_SYSLOG_PARSE_TREE_ERR: [chars]

Explanation  Error while updating parse tree in shell

Recommended Action  No action is required.

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

Explanation  PSS handling error

Recommended Action  No action is required.

VSHD-4

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

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

Recommended Action  Please install the license file to continue using the feature.
**Error Message**  
VSHD-4-VSHD_ROLE_DATABASE_OUT_OF_SYNC: Role configuration database found to be different between the switches during merge

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

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

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

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

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

**VSHD-5**

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

**Explanation**  
Configuration change notification

**Recommended Action**  
No action is required.

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

**Explanation**  
CLI Configuration mode was exited

**Recommended Action**  
No action is required.

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

**Explanation**  
New cli role created

**Recommended Action**  
No action is required.

**VSHD-7**

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

**Explanation**  
Parse tree updated in shell

**Recommended Action**  
No action is required.
WWN Messages

WWN-1

Error Message  WWN-1-TYPE1_ALERT: \([\text{dec}] (< [\text{dec}] \%) \text{ Remain}\)

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

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

Error Message  WWN-1-TYPES2_5_ALERT: \([\text{dec}] (< [\text{dec}] \%) \text{ Type 2 \& 5 WWNs Remain}\)

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

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

WWN-2

Error Message  WWN-2-BKPLN_PROM_CANT_READ: \text{Can not read backplane PROM}\)

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

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

Error Message  WWN-2-EXITING: \text{Exited due to [chars]}\)

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

Recommended Action  No action is required.

Error Message  WWN-2-GENERAL_ERROR: \text{[chars]}\)

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

Recommended Action  No action is required.
Error Message  WWN-2-MALLOC_ERROR: Size [dec] bytes

Explanation  The WWN Manager could not allocate memory.

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

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

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

Recommended Action  No action is required.

Error Message  WWN-2-PSS_ERROR: [chars]

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

Recommended Action  No action is required.

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

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

Recommended Action  No action is required.

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

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

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

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

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

Recommended Action  Please add additional WWNs by programming a new Secondary MAC address and its range.
WWN-3

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

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

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

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

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

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

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

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

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

**Error Message**: WWN-3-STARTUP_COPY_TO_RUNNING_FAILED: [chars]

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

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

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

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

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

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

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

**Recommended Action**: No action is required.
**Error Message**  \texttt{WWN-3-WWN_PSS_CORRUPTED: [chars]} PSS found corrupted

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

**Recommended Action** No action is required.

**WWN-4**

**Error Message**  \texttt{WWN-4-PSS_SUP_CNT_MISMATCH: PSS [dec] Bkpln [dec]}

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

**Recommended Action** No action is required.

**Error Message**  \texttt{WWN-4-PSS_VERSION_MISMATCH: PSS [dec] Code [dec]}

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

**Recommended Action** No action is required.

**Error Message**  \texttt{WWN-4-TYPE1_WARN: [dec] (< [dec] %) Remain}

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

**Recommended Action** No action is required.

**Error Message**  \texttt{WWN-4-TYPES2_5_WARN: [dec] (< [dec] %) Remain}

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

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

**WWN-5**

**Error Message**  \texttt{WWN-5-VSAN_WWN_CHANGE: [chars]}

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

**Recommended Action** No action is required.
WWN-6

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

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

**Recommended Action**  No action is required.

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

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

**Recommended Action**  No action is required.

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

**Explanation**  The WWN Manager became standby from active mode.

**Recommended Action**  No action is required.

**Error Message**  WWN-6-EXCESSIVE_DELAY: [chars]

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

**Recommended Action**  No action is required.

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

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

**Recommended Action**  No action is required.

**Error Message**  WWN-6-GENERAL_EVENT: [chars]

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

**Recommended Action**  No action is required.

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

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

**Recommended Action**  No action is required.
**Error Message**  \texttt{WWN-6-PSS_DESTROYED: [chars] PSS Destroyed}

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

**Recommended Action**  No action is required.

**Error Message**  \texttt{WWN-6-RELEASED_BLOCK: Block number [dec]}

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

**Recommended Action**  No action is required.

**Error Message**  \texttt{WWN-6-SEC_MAC_UPDATED: MAC=[chars] Range=[dec]}

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

**Recommended Action**  No action is required.

**Error Message**  \texttt{WWN-6-SERVICE_UP: Initialized [chars]}

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

**Recommended Action**  No action is required.

**Error Message**  \texttt{WWN-6-SWITCHOVER: Switching Over to other Supervisor}

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

**Recommended Action**  No action is required.

**WWN-7**

**Error Message**  \texttt{WWN-7-RELEASE_ERR_FREE: Already free WWN [chars]}

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

**Recommended Action**  No action is required.
**XBAR_CLIENT Messages**

**XBAR_CLIENT-2**

**Error Message**  XBAR_CLIENT-2-CROSS_LINK_SYNC_LOSS: XBAR-[chars].
**Explanation**  Cross links lost sync and hence xbar is brought down.
**Recommended Action**  Please reload the xbar using reloadxbar<xbar-num

**Error Message**  XBAR_CLIENT-2-MEM_FULL: Memory allocation failed.
**Explanation**  XBAR_CLIENT process has failed to allocate memory.
**Recommended Action**  Please perform a showxbar-clientevent-history'tocollectmoreinformation.'

**Error Message**  XBAR_CLIENT-2-MEM_FULL: memory allocation failed
**Explanation**  Process xbar_client failed to allocate memory
**Recommended Action**  Please examine the xbar-client event-history for more information.

**Error Message**  XBAR_CLIENT-2-PROC_DN: Process is shutting down: [chars].
**Explanation**  XBAR_CLIENT process is exiting.
**Recommended Action**  Please perform a showxbar-clientevent-history'tocollectmoreinformation.'

**Error Message**  XBAR_CLIENT-2-PROC_DN: exiting: [chars].
**Explanation**  Process xbar_client is exiting
**Recommended Action**  Please examine the xbar-client event-history for more information.

**Error Message**  XBAR_CLIENT-2-PROC_INITFAIL: Process initialization failed due to [chars].
**Explanation**  XBAR_CLIENT process has failed initialization.
**Recommended Action**  Please perform a showxbar-clientevent-history'tocollectmoreinformation.'
**Error Message**  
XBAR_CLIENT-2-PROC_INITFAIL: initialization failed due to [chars]

**Explanation**  
Process xbar_client failed initialization

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

---

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

**Explanation**  
Process xbar_client failed to process IPC message

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

---

**Error Message**  
XBAR_CLIENT-3-IPC_MSGUNKN: received unexpected IPC message: [dec]

**Explanation**  
XBAR_CLIENT process has received an unknown message.

**Recommended Action**  
Please perform a showxbar-clientevent-history'tocollectmoreinformation.'

---

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

**Explanation**  
Process xbar_client has received an unknown IPC message.

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

---

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

**Explanation**  
The module initialization failed

**Recommended Action**  
Please perform a showprocessxbar-clientevent-history'tocollectmoreinformation'
XBAR_CLIENT-SLOT#-2

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

Explanation  Process xbar_client failed to allocate memory

Recommended Action  Please perform a showprocessxbar-clientevent-history'tocollectmoreinformation'

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

Explanation  Process xbar_client is exiting

Recommended Action  Please perform a showprocessxbar-clientevent-history'tocollectmoreinformation'

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

Explanation  Process xbar_client failed initialization

Recommended Action  Please perform a showprocessxbar-clientevent-history'tocollectmoreinformation'

XBAR_CLIENT-SLOT#-3

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

Explanation  Process xbar_client has received an unknown IPC message

Recommended Action  Please perform a showprocessxbar-clientevent-history'tocollectmoreinformation'

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

Explanation  The module initialization failed

Recommended Action  Please perform a showprocessxbar-clientevent-history'tocollectmoreinformation'
XBAR Messages

XBAR-2

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

Explanation  The supervisor has experienced an arbiter setup failure.

Recommended Action  No action is required.

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

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

Recommended Action  No action is required.

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

Explanation  To track insufficient xbar-bandwidth.

Recommended Action  No action is required.

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

Explanation  To track recovery from insufficient xbar-bandwidth.

Recommended Action  No action is required.

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

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

Recommended Action  No action is required.

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

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

Recommended Action  No action is required.
**XBAR-3**

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

**Explanation**

**Recommended Action**  
No action is required.

---

**XBAR-4**

**Error 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**

**Error Message**  
XBAR-5-ARBTER_INIT_FAILURE: Re-initializing Arbiter. [chars] [chars] module %i

**Explanation**  
The supervisor has experienced an arbiter setup failure.

**Recommended Action**  
No action is required.

**Error Message**  
XBAR-5-ARB_CLEAR_PORT_FAIL: Arbiter reported failure to de-register port [dec] in group [dec] return_code [hex] {{[chars]}}.

**Explanation**  
The supervisor has experienced an arbiter setup failure.

**Recommended Action**  
No action is required.

**Error Message**  
XBAR-5-ARB_INIT_MOD_DIS_INTR_FAIL: Arbiter reported failure to disable interrupt for module [dec] return_code [hex] {{[chars]}}.

**Explanation**  
The supervisor has experienced an arbiter setup failure.

**Recommended Action**  
No action is required.

**Error Message**  
XBAR-5-ARB_INIT_MOD_INSERT_CHECK_FAIL: Arbiter reported failure to recognize module [dec] return_code [hex] {{[chars]}}.

**Explanation**  
The supervisor has experienced an arbiter setup failure.

**Recommended Action**  
No action is required.
Error Message XBAR-5-ARB_INIT_MOD_INSERT_FAIL: Arbiter reported failure to init module [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an arbiter setup failure.

Recommended Action No action is required.

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

Explanation The supervisor has experienced an arbiter setup failure.

Recommended Action No action is required.

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

Explanation The supervisor has experienced an arbiter setup failure.

Recommended Action No action is required.

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

Explanation The supervisor has experienced an arbiter setup failure.

Recommended Action No action is required.

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

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

Recommended Action Collect more informations about XBAR component Use command showxbarinternalevent-historymodule<moduleid

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

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

Recommended Action No action is required.
**Error Message**  XBAR-5-XBAR_ENABLE_FPOE_DB_FAILURE: XBAR [chars] enabling FPOE-DB mode failed

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

**Recommended Action**  No action is required.

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

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

**Recommended Action**  No action is required.

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

**Explanation**  The supervisor has experienced an xbar setup failure.

**Recommended Action**  No action is required.

**Error Message**  XBAR-5-XBAR_MOD_INSERT_SEQ_FAILURE: Module in slot [dec] has failed insert sequence

**Explanation**  The xbar manager is failing the insert sequence

**Recommended Action**  No action is required.

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

**Explanation**  The supervisor has experienced an xbar setup failure.

**Recommended Action**  No action is required.

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

**Explanation**  The supervisor has experienced an xbar setup failure.

**Recommended Action**  No action is required.
Error Message  XBAR-5-XBAR_PORT_DISABLE_FAIL: Xbar [dec].[dec] reported failure to disable port [dec] return_code [hex] ([chars]).

Explanation  The supervisor has experienced an xbar setup failure.

Recommended Action  No action is required.

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

Explanation  The supervisor has experienced an xbar setup failure.

Recommended Action  No action is required.


Explanation  The supervisor has experienced an xbar setup failure.

Recommended Action  No action is required.

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

Explanation  The supervisor has experienced an xbar setup failure.

Recommended Action  No action is required.

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

Explanation  The supervisor has experienced an xbar setup failure.

Recommended Action  No action is required.

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

Explanation  The supervisor has experienced an xbar setup failure.

Recommended Action  No action is required.

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

Explanation  The supervisor has experienced an xbar setup failure.

Recommended Action  No action is required.
**Error Message**  XBAR-5-XBAR_RELEASE_ACCESS_FAIL: Slot [dec] reported failure releasing [chars] xbar access return_code [hex] ([chars])

**Explanation**  The supervisor has experienced an xbar access failure.

**Recommended Action**  No action is required.

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

**Explanation**  The supervisor has experienced an xbar access failure.

**Recommended Action**  No action is required.

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

**Explanation**  The supervisor has experienced an arbiter access failure.

**Recommended Action**  No action is required.

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

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

**Recommended Action**  No action is required.

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

**Explanation**  The supervisor has experienced an xbar setup failure.

**Recommended Action**  No action is required.

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

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

**Recommended Action**  No action is required.
## XMLMA Messages

### XMLMA-2

<table>
<thead>
<tr>
<th>Error Message</th>
<th>XMLMA-2-HEARTBEAT_FAIL: XML master agent failed to send heart beat: [chars]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explanation</td>
<td>XML master agent has failed sending heartbeat.</td>
</tr>
<tr>
<td>Recommended Action</td>
<td>No action is required.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Error Message</th>
<th>XMLMA-2-INITFAIL: XML master agent initialization fails: [chars]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explanation</td>
<td>XML master agent has failed initialization.</td>
</tr>
<tr>
<td>Recommended Action</td>
<td>No action is required.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Error Message</th>
<th>XMLMA-2-MTSERROR: XML master agent mts operation failed: [chars]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explanation</td>
<td>XML master agent mts operation failed.</td>
</tr>
<tr>
<td>Recommended Action</td>
<td>No action is required.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Error Message</th>
<th>XMLMA-2-PSSFAILURE: XML master agent pss operation failed: [chars]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explanation</td>
<td>XML master agent pss operation failed.</td>
</tr>
<tr>
<td>Recommended Action</td>
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</tbody>
</table>

<table>
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<tr>
<th>Error Message</th>
<th>XMLMA-2-XMLMACRIT: XML master agent: [chars]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explanation</td>
<td>XML master agent critical log.</td>
</tr>
<tr>
<td>Recommended Action</td>
<td>No action is required.</td>
</tr>
</tbody>
</table>

### XMLMA-3

<table>
<thead>
<tr>
<th>Error Message</th>
<th>XMLMA-3-XMLMAERR: XML master agent: [chars]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explanation</td>
<td>XML master agent error log.</td>
</tr>
<tr>
<td>Recommended Action</td>
<td>No action is required.</td>
</tr>
</tbody>
</table>
XMLMA-5

Error Message  XMLMA-5-STARTING: XML master agent started [chars]
Explanation  XML master agent has been started.
Recommended Action  No action is required.

XMLMA-6

Error Message  XMLMA-6-XMLMAEXIT: XML master agent exiting...: [chars]
Explanation  XML master agent is exiting.
Recommended Action  No action is required.

Error Message  XMLMA-6-XMLMALOG: XML master agent operation log: [chars]
Explanation  XML master agent operation log.
Recommended Action  No action is required.

XMLSA Messages

XMLSA-2

Error Message  XMLSA-2-HEARTBEAT_FAIL: XML sub agent failed sending heart beat: [chars]
Explanation  XML sub agent failed sending heartbeat.
Recommended Action  No action is required.

Error Message  XMLSA-2-INITFAIL: XML sub agent initialization fails: [chars]
Explanation  XML agent has failed initialization.
Recommended Action  No action is required.

Error Message  XMLSA-2-USER_INACTIVE: XML sub agent timed out: [chars]
Explanation  XML sub agent timedout due to inactivity.
Recommended Action  No action is required.
Error Message  XMLSA-2-VSH_ERR: XML sub agent vsh cmd error...

Explanation  XML sub agent vsh cmd error.

Recommended Action  No action is required.

XMLSA-5

Error Message  XMLSA-5-STARTING: XML sub agent started: [chars]

Explanation  XML sub agent has been started.

Recommended Action  No action is required.

XMLSA-6

Error Message  XMLSA-6-XMLSAEXIT: XML sub agent exiting...

Explanation  XML sub agent is exiting.

Recommended Action  No action is exiting.

Error Message  XMLSA-6-XMLSALOG: XML sub agent log: [chars]

Explanation  XML sub agent log.

Recommended Action  No action is required.

ZBM Messages

ZBM-2

Error Message  ZBM-2-ZBM_HA_FAILURE: Failed to do high availability operation: [chars].

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

Recommended Action  No action is required.

Error Message  ZBM-2-ZBM_INIT_FAILED: Initialization failed for ZBM: [chars], reason: [hex].

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

Recommended Action  No action is required.
Error Message  ZBM-2-ZBM_INIT_WARNING: Initialization warning for ZBM: [chars], reason: [hex].

Explanation  Initialization warning for ZBM due to [chars], reason: [hex].

Recommended Action  No action is required.

Error Message  ZBM-2-ZBM_LINECARD_STATUS: Status from linecard: [dec], for module: [chars](ID: [dec]), status: [dec], error_id: [hex], catastrophic: [chars], restart count: [dec].

Explanation  Status from linecard: [dec], for module: [chars](ID: [dec]), status: [dec], error_id: [hex], catastrophic: [chars], restart count: [dec].

Recommended Action  No action is required.

Error Message  ZBM-2-ZBM_MALLOC_FAILURE: Memory allocation failed for size [dec].

Explanation  Memory allocation is failed for size [dec] bytes.

Recommended Action  Restart the process.

Error Message  ZBM-2-ZBM_MTS_FAILURE: Failed to do MTS operation: [chars].

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

Recommended Action  No action is required.

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

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

Recommended Action  No action is required.

Error Message  ZBM-2-ZBM_PSS_FAILURE: Failed to do PSS operation: [chars], reason: [hex].

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

Recommended Action  No action is required.

Error Message  ZBM-2-ZBM_PSS_VER_FAIL: PSS file [chars] has version [dec].[dec].[dec], expected version [dec].[dec].[dec].

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

Recommended Action  No action is required.
Error Message  ZBM-2-ZBM_RUNTIME_FAILURE: [chars] [dec], Error: [hex].
Explanation  ZBM runtime failure is reported as [chars] [dec], reason: [hex].
Recommended Action  No action is required.

Error Message  ZBM-2-ZBM_TCAM_FAILURE: Failed to do TCAM operation: [chars].
Explanation  Failed to do TCAM operation. [chars] is the reason.
Recommended Action  No action is required.

Error Message  ZBM-2-ZBM_TCAM_SEND: [chars]
Explanation  Sending to tcam [chars]
Recommended Action  No action is required.

ZBM-4

Error Message  ZBM-4-ZBM_WARNING: [chars] [dec]
Explanation  ZBM warning messages is reported as [chars] [dec].
Recommended Action  No action is required.

ZBM-6

Error Message  ZBM-6-ZBM_DIAG_EVENT_STATUS: [chars] [hex].
Explanation  ZBM system health management event status is reported as [chars] [hex].
Recommended Action  No action is required.

Error Message  ZBM-6-ZBM_ECHO_PROGRAMMING_FAILED: [chars].
Explanation  Programming echo entry failed for [chars].
Recommended Action  No action is required.

Error Message  ZBM-6-ZBM_E_PORT_EVENT_STATUS: [chars] [chars].
Explanation  ZBM xEport event status is reported as [chars] [chars].
Recommended Action  No action is required.
Error Message  ZBM-6-ZBM_FCC_EVENT_STATUS: [chars] [chars].
Explanation  ZBM FCC event status is reported as [chars] [chars].
Recommended Action  No action is required.

Error Message  ZBM-6-ZBM_INIT_PROCESS: Zone Block Mgr process started [chars] at [chars]
Explanation  Zone Block Mgr process started in [chars] (stateless/stateful) mode at time [chars].
Recommended Action  No action is required.

Error Message  ZBM-6-ZBM_LINECARD_EVENT_STATUS: [chars] [hex].
Explanation  ZBM linecard event status is reported as [chars] [dec].
Recommended Action  No action is required.

Error Message  ZBM-6-ZBM_MCAST_EVENT_STATUS: [chars] [chars].
Explanation  ZBM multicast event status is reported as [chars] [chars].
Recommended Action  No action is required.

Error Message  ZBM-6-ZBM_NX_PORT_EVENT_STATUS: [chars] [chars].
Explanation  ZBM Nx Port event status is reported as [chars] [chars].
Recommended Action  No action is required.

Error Message  ZBM-6-ZBM_PORT_MODE_EVENT_STATUS: [chars] [chars].
Explanation  ZBM portmode event status is reported as [chars] [chars].
Recommended Action  No action is required.

Error Message  ZBM-6-ZBM_RUNTIME_STATUS: [chars] [dec]
Explanation  ZBM runtime status is reported as [chars] [dec].
Recommended Action  No action is required.

Error Message  ZBM-6-ZBM_STATUS: ZBM Status: [chars].
Explanation  ZBM status is reported as [chars].
Recommended Action  No action is required.
**Error Message**  ZBM-6-ZBM_UPDATE_SSRRAM_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**

**ZONE-2**

**Error Message**  ZONE-2-LZ_EXITING: LUN/Read-only zoning process exited. Reason: [chars]

**Explanation**  The LUN/Read-only zoning process has exited due to [char]. The process has probably been restarted automatically.

**Recommended Action**  No action is required.

**Error Message**  ZONE-2-LZ_GENERAL_ERROR: [chars]

**Explanation**  The LUN/Read-only zoning process has encountered a critical error. The description of error is [str].

**Recommended Action**  No action is required.

**Error Message**  ZONE-2-LZ_INIT_FAILED: Initialization of LUN/Read-only zoning Process failed at [chars]

**Explanation**  Initialization of LUN/Read-only zoning process failed at [char].

**Recommended Action**  No action is required.

**Error Message**  ZONE-2-LZ_MALLOC_ERROR: Size [dec] bytes

**Explanation**  The LUN/Read-only zoning process could not allocate memory.

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

**Error Message**  ZONE-2-ZS_ALIAS_LIMIT_EXCEEDED: The limit for maximum number of aliases exceeded

**Explanation**  The number of aliases configured has exceeded the maximum number of aliases allowed per vsan Due to this, distribution or merge operation may fail.

**Recommended Action**  Make sure the number of aliases is less than the maximum allowed in a vsan.
Error Message  ZONE-2-ZS_ATTR_GROUP_LIMIT_EXCEEDED: The limit for maximum number of attribute groups exceeded

Explanation  The number of attribute groups configured has exceeded the maximum number of attribute groups allowed in a vsan Due to this, distribution or merge operation may fail.

Recommended Action  Make sure the number of attribute groups is less than the maximum allowed in a vsan.

Error Message  ZONE-2-ZS_BLOCKED_ATTR_PRESENT: Module [dec] failed to come online due to [chars] in VSAN [dec] to bring up the module.

Explanation  Module [dec] failed to come up due to [chars].

Recommended Action  Verify if RO/LUN/Broadcast attributes are configured, in the VSAN, disable if configured.

Error Message  ZONE-2-ZS_CHANGE_ACA_FAILED: ACA failed : [chars]

Explanation  Zone Server cannot acquire change authorization : [chars].

Recommended Action  Verify the interoperability mode on all the switches OR retry later.

Error Message  ZONE-2-ZS_CHANGE_ACQUIRE_AUTH_FAILED: Acquire authorization failed on VSAN [dec]

Explanation  Zone Server cannot acquire authorization on VSAN [dec].

Recommended Action  No action is required.


Explanation  Zone Server cannot activate due to reason [chars] on domain [dec].

Recommended Action  No action is required.

Error Message  ZONE-2-ZS_CHANGE_ACTIVATION_FAILED_RESN: Activation failed : reason [chars]

Explanation  Zone Server cannot activate due to reason [chars].

Recommended Action  No action is required.

Error Message  ZONE-2-ZS_CHANGE_ACTIVATION_FAILED: Activation failed

Explanation  Zone Server cannot activate the zoneset.

Recommended Action  No action is required.
Error Message  ZONE-2-ZS_CHANGE_APPLY_FAILED: Apply changed failed on VSAN [dec]
Explanation  Zone Server cannot apply changes on VSAN [dec].
Recommended Action  No action is required.

Explanation  Zone Server cannot deactivate due to reason [chars] on domain [dec].
Recommended Action  No action is required.

Error Message  ZONE-2-ZS_CHANGE_DEACTIVATION_FAILED_RESN: Deactivation failed: reason [chars]
Explanation  Zone Server cannot deactivate due to reason [chars].
Recommended Action  No action is required.

Error Message  ZONE-2-ZS_CHANGE_DEACTIVATION_FAILED: Deactivation failed
Explanation  Zone Server cannot deactivate the zoneset.
Recommended Action  No action is required.

Error Message  ZONE-2-ZS_CHANGE_RELEASE_AUTH_FAILED: Release authorization failed on VSAN [dec]
Explanation  Zone Server cannot release authorization on VSAN [dec].
Recommended Action  No action is required.

Error Message  ZONE-2-ZS_CHANGE_RRCA_REJECTED: RRCA received from remote domain [dec] is rejected: [chars]
Explanation  Received invalid RRCA from domain [dec]: [chars]
Recommended Action  Verify the interoperability mode on the switch.

Error Message  ZONE-2-ZS_CHANGE_RUFC_REJECTED: RUFC received from remote domain [dec] is rejected: [chars]
Explanation  Received invalid RUFC from domain [dec]: [chars]
Recommended Action  Verify the interoperability mode on the switch.
Error Message  ZONE-2-ZS_CHANGE_SFC_FAILED: SFC failed : [chars]
Explanation  Zone Server cannot stage zone configuration : [chars].
Recommended Action  Verify the interoperability mode on all the switches.

Error Message  ZONE-2-ZS_CHANGE_SFC_REJECTED: SFC received from remote domain [dec] is rejected: [chars]
Explanation  Received invalid SFC from domain [dec]. : [chars]
Recommended Action  Verify the interoperability mode on the switch.

Error Message  ZONE-2-ZS_CHANGE_SMART_ZONING_POLICY_CHANGE_FAILED: Smart Zoning Policy Change Failed
Explanation  Zone Server cannot distribute smart zoning policy change.
Recommended Action  No action is required.

Error Message  ZONE-2-ZS_CHANGE_STAGE_ACTIVATE_ZSSET_BY_NAME_FAILED: Stage activate zoneset by name failed on VSAN [dec]
Explanation  Zone Server cannot stage activate zoneset by name on VSAN [dec].
Recommended Action  No action is required.

Error Message  ZONE-2-ZS_CHANGE_STAGE_ACTIVATE_ZSSET_ENH_FAILED: Stage activate zone set enhanced failed on VSAN [dec]
Explanation  Zone Server cannot stage activate zone set enhanced on VSAN [dec].
Recommended Action  No action is required.

Error Message  ZONE-2-ZS_CHANGE_STAGE_DEACTIVATE_ZSSET_ENH_FAILED: Stage deactivate zoneset enhanced failed on VSAN [dec]
Explanation  Zone Server cannot stage deactivate zoneset enhanced on VSAN [dec].
Recommended Action  No action is required.

Error Message  ZONE-2-ZS_CHANGE_STAGE_DISTRIBUTE_DFLT_ZONE_FAILED: Stage distribute default zone failed on VSAN [dec]
Explanation  Zone Server cannot stage distribute default zone on VSAN [dec].
Recommended Action  No action is required.
Error Message  ZONE-2-ZS_CHANGE_STAGE_DISTRIBUTE_ZS_DB_FAILED: Stage distribute zoneset database failed on VSAN [dec]

Explanation  Zone Server cannot stage distribute zoneset database on VSAN [dec].

Recommended Action  No action is required.

Error Message  ZONE-2-ZS_CHANGE_STAGE_SET_ZONING_MODE_FAILED: Stage set zoning mode failed on VSAN [dec]

Explanation  Zone Server cannot stage set zoning mode on VSAN [dec].

Recommended Action  No action is required.

Error Message  ZONE-2-ZS_CHANGE_STAGE_SET_ZONING_POLICIES_FAILED: Stage set zoning policies failed on VSAN [dec]

Explanation  Zone Server cannot stage set zoning policies on VSAN [dec].

Recommended Action  No action is required.

Error Message  ZONE-2-ZS_DB_OPERATION_FAILED: Database operation error: [chars]

Explanation  Database operation is failed : [chars].

Recommended Action  No action is required.

Error Message  ZONE-2-ZS_DDAS_TABLE_CLEANUP_DUPLICATE_ENTRIES: Zone Device-alias table cleanup failed. Please try again. Do not initiate any Zone configuration commands until this command is successful.

Explanation  Zone device-alias table cleanup failed due to error: [chars]

Recommended Action  Please try again. Do not initiate any zone configuration command until this command is successful.

Error Message  ZONE-2-ZS_EXPORT_IMPORT_FAILED: [chars] operation failed

Explanation  [chars] (Export/Import) operation failed.

Recommended Action  No action is required.

Error Message  ZONE-2-ZS_FIPS_COMPLIANCE_FAILURE: FIPS compliance error: consecutively same random numbers

Explanation  FIPS compliance error: consecutively same random numbers

Recommended Action  No action is required.
Error Message   ZONE-2-ZS_INIT_FAILED: [chars]

Explanation    Zone Server initialization failed : [chars].

Recommended Action    No action is required.

Error Message   ZONE-2-ZS_LICENSE_UNAVAIL: License:[chars] unavailable, removing LUN members, read-only attribute and re-activating active zonesets on all affected VSANs

Explanation    License:[char] unavailable, removing LUN members, read-only attribute and re-activating active zonesets on all affected VSANs.

Recommended Action    No action is required.

Error Message   ZONE-2-ZS_LIC_FAILURE: License [chars] operation failed for license [chars]

Explanation    License [char] operation failed for license [char].

Recommended Action    No action is required.

Error Message   ZONE-2-ZS_LUN_DISABLING_FAILED: license expiry handling failed for VSAN [dec]

Explanation    License expiry handling failed for VSAN [dec].

Recommended Action    No action is required.

Error Message   ZONE-2-ZS_LUN_MEMBER_LIMIT_EXCEEDED: The limit for maximum number of lun members exceeded

Explanation    The number of lun members configured has exceeded the maximum number of lun members allowed across all vsans Due to this, distribution or merge operation may fail.

Recommended Action    Make sure the number of lun members is less than the maximum allowed across all vsans.

Error Message   ZONE-2-ZS_MALLOC_FAILURE: Memory allocation failed for size [dec]

Explanation    Memory allocation is failed for size [dec] bytes.

Recommended Action    Restart the process.
Error Message  ZONE-2-ZS_MEMBER_LIMIT_EXCEEDED: The limit for maximum number of members exceeded

Explanation  The number of members configured has exceeded the maximum number of members allowed across all vsans. Due to this, distribution or merge operation may fail.

Recommended Action  Make sure the number of members is less than the maximum allowed across all vsans.

Error Message  ZONE-2-ZS_MERGE_ADJ_NO_RESPONSE: Adjacent switch not responding, isolating interface [chars]

Explanation  Interface [chars] isolated due to adjacent switch not responding to Zone Server requests.

Recommended Action  Flap the interface.

Error Message  ZONE-2-ZS_MERGE_FAILED: Zone merge failure, isolating interface [chars] [chars]

Explanation  Interface [chars] isolated due to zone merge failure. Error [chars]

Recommended Action  Compare active zoneset with the adjacent switch OR use "zone merge interface [interface] {import/export} VSAN [VSAN-num]" command.

Error Message  ZONE-2-ZS_MERGE_FULL_DATABASE_MISMATCH: Zone merge full database mismatch on interface [chars]

Explanation  Full zoning databases are inconsistent between two switches connected by interface [chars]. Databases are not merged.

Recommended Action  Compare full zoning database with the adjacent switch, correct the difference and flap the link.

Error Message  ZONE-2-ZS_MERGE_UNKNOWN_FORMAT: Unknown format, isolating interface [chars]

Explanation  Interface [chars] isolated due to unknown format in merge request.

Recommended Action  Set the interoperability mode to same value on both switches.

Error Message  ZONE-2-ZS_MTS_OPER_FAILED: MTS [chars] operation failed : [chars]

Explanation  Zone Server MTS [chars] operation failed : [chars].

Recommended Action  No action is required.
Error Message  ZONE-2-ZS_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

Error Message  ZONE-2-ZS_PORT_SWAP_FAILURE: Port swap operation failed

Explanation  Port swap operation failed.

Recommended Action  No action is required.

Error Message  ZONE-2-ZS_PSS_VER_MISMATCH: PSS version mismatch URL: [chars] (expected [chars], got [chars])

Explanation  Configuration version mismatch. PSS URL [chars]. Expected version [chars], stored version [chars].

Recommended Action  Upgrade/Downgrade to expected version.

Error Message  ZONE-2-ZS_SHARED_DB_INIT_FAILED: [chars]

Explanation  Zone Server shared DB initialization failed: [chars].

Recommended Action  No action is required.

Error Message  ZONE-2-ZS_TCAM_BROADCAST_ZONE_DISABLED: Broadcast zoning disabled: Reason: Hard zoning disabled

Explanation  Broadcast zoning disabled: Reason: Hard zoning disabled due to TCAM programming failure.

Recommended Action  No action is required.


Explanation  LUN zoning disabled: Reason: Hard zoning disabled due to TCAM programming failure.

Recommended Action  No action is required.

Error Message  ZONE-2-ZS_TCAM_PROGRAMMING_FAILED: TCAM operation failed: [chars], Reason: [chars]

Explanation  TCAM Programming failure has occurred: [chars]. [chars] is the reason for failure.

Recommended Action  No action is required.
### Error Message

**ZONE-2-ZS_TCAM_READ_ONLY_ZONE_DISABLED**: Read-only zoning disabled: Reason: Hard zoning disabled

**Explanation**: Read-only zoning disabled: Reason: Hard zoning disabled due to TCAM programming failure.

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

### Error Message

**ZONE-2-ZS_TCAM_SWITCHED_TO_SOFT_ZONE_MODE**: Switched to soft zoning: Reason: Hard zoning disabled

**Explanation**: Switched to soft zoning: Reason: Hard zoning disabled due to TCAM programming failure.

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

### Error Message

**ZONE-2-ZS_VIRTUAL_DOMAIN_INCONSISTENT**: IVR reporting virtual domain different from rib and domain manager in vsan [dec]

**Explanation**: IVR reporting virtual domain different from rib and domain manager in vsan [dec].

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

### Error Message

**ZONE-2-ZS_ZONE_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.

### Error Message

**ZONE-2-ZS_ZONE_LIMIT_EXCEEDED**: The limit for maximum number of zones exceeded

**Explanation**: The number of zones configured has exceeded the maximum number of zones allowed across all vsans. Due to this, distribution or merge operation may fail.

**Recommended Action**: Make sure the number of zones is less than the maximum allowed across all vsans.

### Error Message

**ZONE-2-ZS_ZONE_SET_LIMIT_EXCEEDED**: The limit for maximum number of zonesets exceeded

**Explanation**: The number of zonesets configured has exceeded the maximum number of zonesets allowed across all vsans. Due to this, distribution or merge operation may fail.

**Recommended Action**: Make sure the number of zonesets is less than the maximum allowed across all vsans.
ZONE-3

Error Message  ZONE-3-LZ_UNKNOWN_MSG: Recvd. from Node=[dec] SAP=[dec]

Explanation  The LUN/Read-only zoning process has received an unknown message from [dec].[dec]. This information is for debugging only.

Recommended Action  No action is required.

Error Message  ZONE-3-ZS_ACTIVATION_FAILED_DUE_TO_QOS_DISABLED: Activation failed due to qos not enabled

Explanation  Activation of zoneset failed due to qos not enabled

Recommended Action  Make sure qos is enabled and reactivate the zoneset in vsan.

ZONE-4

Error Message  ZONE-4-LZ_OTHER_CMD_TO_ZONED_OUT_LUN: FCP command [hex] received from SID=[chars] to DID=[chars] for LUN=[chars]

Explanation  The LUN/Read-only zoning process has received FCP command [int] from SID [char] to DID [char] for a zoned out LUN [char].

Recommended Action  No action is required.

Error Message  ZONE-4-ROZ_WRITE_ACCESS_TO_READ_ONLY_LUN: FCP command [hex] received from SID=[chars] to DID=[chars] for LUN=[chars]

Explanation  The LUN/Read-only zoning process has received FCP command [int] from SID [char] to DID [char] for a read-only LUN [char].

Recommended Action  No action is required.

Error Message  ZONE-4-ZS_BROADCAST_LUN_WARNING: LUN member(s) and Broadcast attribute are present in zone [chars] in vsan [dec]. Broadcast violations can occur for LUN members.

Explanation  Broadcast violations can happen in zone [chars] in vsan [dec] since it has LUN zone members.

Recommended Action  No action is required.
Error Message  ZONE-4-ZS_CHANGE_LC_UPGRADE_IN_PROGRESS: Change protocol request is received from domain [dec] when linecard upgrade is in progress

Explanation  A change request has been received from domain [dec] when a linecard upgrade is in progress. The change request is rejected.

Recommended Action  No action is required.

Error Message  ZONE-4-ZS_DB_WARNING: [chars]

Explanation  Database operation warning: [chars].

Recommended Action  No action is required.

Error Message  ZONE-4-ZS_DOMAIN_MGR_WARNING: Unable to retrieve domain info from domain mgr error: [chars] in vsan [dec]

Explanation  Unable to retrieve info of domain from domain manager, error: [chars] in vsan [dec].

Recommended Action  No action is required.

Error Message  ZONE-4-ZS_FC2_OPER_FAILED: FC2 [chars] operation failed: [chars]

Explanation  Zone Server FC2 [chars] operation failed: [chars].

Recommended Action  No action is required.

Error Message  ZONE-4-ZS_IF_PORT_MODE_CONFLICT: Port mode conflict for if [chars]

Explanation  Port mode conflict for if [chars]

Recommended Action  Shutdown/no shutdown the interface

Error Message  ZONE-4-ZS_INVALID_FPORT_WWN_MEMBER: Virtual device fwwn: [chars] is not a valid zone/alias member virtual name: [chars] pwwn: [chars]

Explanation  Virtual device fwwn: [chars] is not a valid zone/alias member, virtual name: [chars] pwwn: [chars].

Recommended Action  No action is required.

Error Message  ZONE-4-ZS_LC_UPGRADE_CHANGE_IN_PROGRESS: Linecard upgrade request is received when change protocol is in progress

Explanation  A request for linecard upgrade has been received when change protocol is in progress. The linecard upgrade will occur after the completion of the change protocol.

Recommended Action  No action is required.
**Error Message**  
ZONE-4-ZS_LICENSE_EXPIRY_WARNING: Feature [chars] evaluation license [chars] expiry in [dec] days

**Explanation**  
Feature [chars1] will exceed its evaluation time period in [dec] days and will be shut down unless a permanent license [chars2] is installed.

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

---

**Error Message**  
ZONE-4-ZS_MEMBER_CONVERSION_FAILED: Zone Member conversion failed for [chars]. Error: [chars]

**Explanation**  
Zone Member conversion has failed in [chars] due to error: [chars]

**Recommended Action**  
No action is required.

---

**Error Message**  
ZONE-4-ZS_NON_INTEROPERABLE_ZONE_SET: Non interoperable active zoneset present on VSAN [dec] in interoperability mode

**Explanation**  
Active zoneset has non interoperable members (FCID, FWWN, ...) when interoperability mode is turned on the VSAN [dec].

**Recommended Action**  
Turn off interoperability mode OR make sure that active zoneset has only interoperable members (PWWN).

---

**Error Message**  
ZONE-4-ZS_QOS_LUN_WARNING: LUN member(s) and QoS attribute are present in zone [chars] in vsan [dec]. QoS will not be applicable for LUN members.

**Explanation**  
QoS will not be applicable to LUN zone members in zone [chars] in vsan [dec].

**Recommended Action**  
No action is required.

---

**Error Message**  
ZONE-4-ZS_SDV_VIRT_REAL_CONFLICT_WARNING: Virtual and Real devices are zoned together or zoned with same device. virtual name: [chars] pwwn: [chars]

**Explanation**  
Virtual and Real devices are zoned together or zoned with same device, virtual name: [chars] pwwn: [chars].

**Recommended Action**  
No action is required.

---

**Error Message**  
ZONE-4-ZS_SMART_ZONING_AUTO_CONVERSION_FAILED: Smart Zoning auto conversion failed for [chars]. Error: [chars]

**Explanation**  
Smart Zoning auto conversion has failed in [chars] due to error: [chars]

**Recommended Action**  
No action is required.
Error Message  ZONE-4-ZS_TOO_MANY_ALIAS_IN_CURRENT_INTEROP_MODE: Too many aliases in current interoperability mode

Explanation  Too many aliases configured in current interoperability mode on the VSAN. Due to this, the next zoneset activation, distribution or merge operation may fail.

Recommended Action  Set the interoperability mode to appropriate value OR make sure the number of aliases is less than the maximum allowed in the current interoperability mode.

Error Message  ZONE-4-ZS_UNSUPPORTED_MEMBER_IN_CURRENT_INTEROP_MODE: Unsupported member present in active or full zoneset in current interoperability mode

Explanation  Active or full zoneset has members that are not supported in the current interoperability mode set on the VSAN.

Recommended Action  Set the interoperability mode to appropriate value OR make sure that active or full zoneset has only supported members in the current interoperability mode.

ZONE-5

Error Message  ZONE-5-ZS_EXPORT_IMPORT_COMPLETE: [chars] operation completed

Explanation  [chars] (Export/Import) operation completed.

Recommended Action  No action is required.

Error Message  ZONE-5-ZS_POLICY_CHANGE: Default zoning policy changed to [chars]

Explanation  Default zoning policy changed to (permit/deny).

Recommended Action  No action is required.

Error Message  ZONE-5-ZS_ZONE_SET_ACTIVATED: Zoneset [chars] activated

Explanation  Zoneset [chars] activated.

Recommended Action  No action is required.

Error Message  ZONE-5-ZS_ZONE_SET_DEACTIVATED: Zoneset deactivated

Explanation  Zoneset deactivated.

Recommended Action  No action is required.
**ZONE-6**

**Error Message**
ZONE-6-LZ_BECAME_ACTIVE: LUN/Read-only zoning process became ACTIVE from standby mode

**Explanation**
The LUN/Read-only zoning process on the standby supervisor became active.

**Recommended Action**
No action is required.

**Error Message**
ZONE-6-LZ_BECAME_STDBY: LUN/Read-only zoning process became STANDBY from active mode

**Explanation**
The LUN/Read-only zoning process became standby from active mode.

**Recommended Action**
No action is required.

**Error Message**
ZONE-6-LZ_FAILED_TO_SEND_HEARTBEAT: LUN/Read-only zoning process failed to send heartbeat to system manager: Reason=[chars]

**Explanation**
The LUN/Read-only zoning process was unable to send heartbeat to the system manager.

**Recommended Action**
No action is required.

**Error Message**
ZONE-6-LZ_GENERAL_EVENT: [chars]

**Explanation**
The LUN/Read-only zoning process has generated an important event. The description of the event is [str].

**Recommended Action**
No action is required.

**Error Message**
ZONE-6-LZ_INQUIRY_TO_ZONED_OUT_LUN: INQUIRY command received from SID=[chars] to DID=[chars] for LUN=[chars]

**Explanation**
The LUN/Read-only zoning process has received INQUIRY FCP command from SID [char] to DID [char] for a zoned out LUN [char].

**Recommended Action**
No action is required.

**Error Message**
ZONE-6-LZ_REPORT_LUNS_CMD_RCVD: REPORT LUNS command received from SID=[chars] to DID=[chars] for LUN=[chars]

**Explanation**
The LUN/Read-only zoning process has received REPORT LUNS FCP command from SID [char] to DID [char] for LUN [char].

**Recommended Action**
No action is required.
Error Message  ZONE-6-LZ_REQUESTSENSE_TO_ZONEDOUT_LUN: REQUEST SENSE command received from SID=[chars] to DID=[chars] for LUN=[chars]

Explanation  The LUN/Read-only zoning process has received REQUEST SENSE FCP command from SID [char] to DID [char] for a zoned out LUN [char].

Recommended Action  No action is required.

Error Message  ZONE-6-LZ_SERVICE_UP: LUN/Read-only zoning Process initialized [chars]

Explanation  The LUN/Read-only zoning process is up. The process was initialized in [char] mode.

Recommended Action  No action is required.

Error Message  ZONE-6-LZ_SWITCHOVER: LUN/Read-only zoning process switching over to other supervisor.

Explanation  The LUN/Read-only zoning process has successfully switched over to the standby supervisor card.

Recommended Action  No action is required.

Error Message  ZONE-6-ZS_CHANGE_ACA_REJECTED: ACA received from remote domain [dec] is rejected

Explanation  Received invalid ACA from domain [dec]. Either the domain list do not match OR authorization has already been acquired by another switch.

Recommended Action  Verify the interoperability mode on the switch.

Error Message  ZONE-6-ZS_FC2_OPER_INFO: FC2 [chars] operation failed : [chars]

Explanation  Zone Server FC2 [chars] operation failed : [chars].

Recommended Action  No action is required.

Error Message  ZONE-6-ZS_INIT_PROCESS: Zone Server process started [chars] at [chars]

Explanation  Zone Server process started in [chars] (stateless/stateful) mode at time [chars].

Recommended Action  No action is required.

Error Message  ZONE-6-ZS_INIT_WARNING: [chars]

Explanation  Warning during Zone Server Initialization: [chars].

Recommended Action  No action is required.
Error Message  ZONE-6-ZS_INVALID_MEMBER: Invalid member [dec] [chars]

Explanation  Invalid member type [dec] [chars] received from the API call.

Recommended Action

Error Message  ZONE-6-ZS_UNKNOWN_LIC_FEATURE: [chars]

Explanation  Zone Server received an event for a known licensing feature: [chars].

Recommended Action  No action is required.