



## Messages Listed by Severity Level

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**Note**

The ACE does not send severity 0, emergency messages to syslog. These are comparable to a UNIX panic message and indicate an unstable system.

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### Alert Messages, Severity Level 1

The following messages appear at severity level 1, alerts:

- **Error Message** %ACE-1-106021: Deny protocol reverse path check from source\_address to dest\_address on interface interface\_name
- **Error Message** %ACE-1-106028: WARNING: ACL Merge configuration download timeout in context Admin. Error while processing merged list. Incomplete rule is currently applied on interface interface-name. Configuration on this interface needs to be manually reverted.
- **Error Message** %ACE-1-313006: ICMP Manager Initialization Failed. Reason : Variable1
- **Error Message** %ACE-1-313007: ICMP Manager Memory Problem. Reason: Variable1
- **Error Message** %ACE-1-444006: License manager exiting: reason
- **Error Message** %ACE-1-727001: HA: Peer IP address is not reachable. Error: error str.
- **Error Message** %ACE-1-727002: HA: FT interface interface name to reach peer IP address is down. Error: error str
- **Error Message** %ACE-1-727003: HA: Mismatch in context names detected for FT group FTgroupID. Cannot be redundant.
- **Error Message** %ACE-1-727004: HA: Two actives have been detected for FT group FTgroupID.

- Error Message %ACE-1-727005: HA: Config replication failed for context ctx name. Error : error str
- Error Message %ACE-1-727006: HA: Peer is incompatible due to error str. Cannot be Redundant.
- Error Message %ACE-1-727007: HA: Module Initialization failure - Error Error str.
- Error Message %ACE-1-727008: HA: Failed to send heartbeats to peer. Internal error: Error str
- Error Message %ACE-1-727009: HA: Communication failure for Peer Peer id Event: error str
- Error Message %ACE-1-728001: Initialization failure (general) type variable1
- Error Message %ACE-1-728002: Initialization failure (sticky) type variable1
- Error Message %ACE-1-728003: Initialization failure (sticky hash) variable1 entries, variable2 min, variable3 max type variable4
- Error Message %ACE-<severity depending on the printk severity>-901001: kernel message.

## Critical Messages, Severity Level 2

The following messages appear at severity level 2, critical:

- Error Message %ACE-2-100001: EOL function chars from library chars exited due to Signal dec
- Error Message %ACE-2-199006 : Orderly reload started at when by whom. Reload reason: reason
- Error Message %ACE-2-212007: SNMPD initialization failed while Variable1
- Error Message %ACE-2-253012: Crypto file storage failure: All certificates/keys were removed. Error: text\_string
- Error Message %ACE-2-255007: Restore for context <ctx\_name> failed for component <component> due to <reason>
- Error Message %ACE-2-255008: Restore for all contexts failed in context <ctx\_name> for component <component\_name> due to <reason>
- Error Message %ACE-2-257001, nexus-device polling failed with error: <%s>.
- Error Message %ACE-2-443001: System experienced fatal failure. Char, reloading system
- Error Message %ACE-2-444001: License checkout failure for feature feature\_name reason
- Error Message %ACE-2-444004: Evaluation license expired for feature feature\_name
- Error Message %ACE-4-444007: Installed feature\_name license on Revision 6 or older hardware, will not take effect until next reboot.
- Error Message %ACE-2-727010: HA: Data replication failed for context ctx name. Error code error str
- Error Message %ACE-2-727011: HA: Configuration replication for context ctx name will not happen. Error: Error str
- Error Message %ACE-2-727012: HA: FT Group group ID changed state to NewState. Reason: reason str.
- Error Message %ACE-2-727013: HA: Peer Peer # is UP and reachable.
- Error Message %ACE-2-727014: HA: Heartbeats from Peer Peer id have become unidirectional.
- Error Message %ACE-2-727015: HA: Detected mismatch in heartbeat interval from Peer peer id. Modified interval to interval.

- Error Message %ACE-2-727016: HA: replication\_message
- Error Message %ACE-2-727017: HA: FT Track track type track name is UP.
- Error Message %ACE-2-727018: HA: FT Track track type track name is DOWN.
- Error Message %ACE-HA\_HB-2-727024: HA: HB state change for peer Peer\_ID message failed due to CP queue full

## Error Messages, Severity Level 3

The following messages appear at severity level 3, errors:

- Error Message %ACE-3-211001: Memory allocation Error [; SIP packet dropped from vlanSource\_interface:source\_real\_address/source\_real\_port (0.0.0.0:0) to Unknown:destination\_address\_on\_source\_interface/destination\_port\_on\_source\_interface (0.0.0.0:0)]
- Error Message %ACE-3-212008: Failed while allocating memory in snmpd
- Error Message %ACE-3-251001: Probe configuration error, memory allocation failure.
- Error Message %ACE-3-251003: Could not load script script-name - File not found
- Error Message %ACE-3-251004: Could not load script script-name - memory allocation failure
- Error Message %ACE-3-251006: Health probe failed for server A.B.C.D on port P, internal error: error message
- Error Message %ACE-3-251007: ICMP health probe failed for server A.B.C.D, internal error: error message
- Error Message %ACE-3-251008: Health probe failed for server A.B.C.D on port P, connectivity error: server open timeout (no SYN ACK)
- Error Message %ACE-3-251009: ICMP health probe failed for server A.B.C.D, connectivity error: error message
- Error Message %ACE-3-251010: Health probe failed for server A.B.C.D on port P, error message
- Error Message %ACE-3-251011: ICMP health probe failed for server A.B.C.D, error message.
- Error Message %ACE-3-251012: Could not load script script-name - Error reading script-file
- Error Message %ACE-3-251013: Could not load script script-name - Error getting file size
- Error Message %ACE-3-251014: Could not probe server IP\_address on port port\_number for number consecutive tries - Internal error.
- Error Message %ACE-3-255003: Backup for context <ctx\_name> failed for component <component> due to <reason>
- Error Message %ACE-3-255004: Backup for all contexts failed in context <ctx\_name> for component <component> due to <reason>
- Error Message %ACE-3-256001: Failed to login to vcenter, reason: reason.
- Error Message %ACE-3-256002: Failed to retrieve load value for vm ip\_address, reason: reason.
- Error Message %ACE-3-322001: Deny MAC address MAC\_address, possible spoof attempt on interface interface

- Error Message %ACE-3-322002: ARP inspection check failed for arp {request|response} received from host MAC\_address on interface interface. This host is advertising MAC Address MAC\_address\_1 for IP Address IP\_address, which is {statically|dynamically} bound to MAC Address MAC\_address\_2.
- Error Message %ACE-3-322003: ARP inspection check failed for arp {request|response} received from host MAC\_address on interface interface. This host is advertising MAC Address MAC\_address\_1 for IP Address IP\_address, which is not bound to any MAC Address.
- Error Message %ACE-3-327001: Detected Encap table Full when allocating encap entry for IP interface interface\_name
- Error Message %ACE-3-440002: Addition failed for variable 1
- Error Message %ACE-3-440003: Deletion failed for variable 2
- Error Message %ACE-3-728005: Failed to transmit variable1 decision for connection from client variable2 type variable3
- Error Message %ACE-3-728007: Internal configuration communications error (sticky) type variable1
- Error Message %ACE-3-728008: Internal communications error (sticky) /source processor variable1 destination processor variable2 -- type variable3
- Error Message %ACE-3-728009: Context ID variable1 requested variable2 of variable3 sticky entries. No action taken. -- type variable4
- Error Message %ACE-3-728014: Internal cross-processor communications error (sticky) type variable1
- Error Message %ACE-3-728015: Internal channel communications error (sticky) type variable1
- Error Message %ACE-3-728017: Internal communications error (ha) -- type variable1
- Error Message %ACE-3-728027: Received unhandled message of type variable1 from CP SrcSAP variable2.
- Error Message %ACE-3-728031: Memory mapping for debug logging failed.

## Warning Messages, Severity Level 4

The following messages appear at severity level 4, warning:

- Error Message %ACE-4-106023: Deny protocol number | name src incoming-interface:src-ip dst outgoing-interface:dst-ip by access-group "acl-name"
- Error Message %ACE-4-251002: The configured health probe script script-name for server A.B.C.D on port P is empty
- Error Message %ACE-4-251005: Could not unload script script-name
- Error Message %ACE-4-254001: ACL resource usage beyond maximum limit for context context\_id. Free up some resources.
- Error Message %ACE-4-254002: Minimum ACL resources could not be guaranteed for context context\_id.
- Error Message %ACE-4-313004: Denied ICMP type=icmp\_type, from source\_address on interface interface\_name to dest\_address:no matching session
- Error Message %ACE-4-405001: Received ARP {request | response} collision from IP\_address/mac\_address on interface interface\_name

- Error Message %ACE-4-405201: ILS ctxid from vlan x:src\_ip/src\_prt to vlan y:dst\_ip/dst\_prt has wrong embedded address embedded addr in ILS payload
- Error Message %ACE-4-406001: FTP port command low port: IP\_address/port to IP\_address on interface interface\_name
- Error Message %ACE-4-406002: FTP port command different address: IP\_address(IP\_address) to IP\_address on interface interface\_name
- Error Message %ACE-4-410001: Dropped UDP DNS packet\_type from source\_interface:source\_address/source\_port to dest\_interface:dest\_address/dest\_port; error\_length\_type length length bytes exceeds max\_length\_type limit of maximum\_length bytes.
- Error Message %ACE-4-411001: Line protocol on interface interface\_name changed state to up
- Error Message %ACE-4-411002: Line protocol on interface interface\_name changed state to down
- Error Message %ACE-4-411003: Interface interface\_name changed state to administratively up
- Error Message %ACE-4-411004: Interface interface\_name changed state to administratively down
- Error Message %ACE-4-412001: MAC MAC\_address moved from interface\_1 to interface\_2
- Error Message %ACE-4-441006: Starting the loadbalancing on remote VMs for serverfarm name, but no operational remote VMs available for remote loadbalancing
- Error Message %ACE-4-442001: Health probe probe name detected real\_server\_name (interface interface\_name) in serverfarm sfarm\_name changed state to UP
- Error Message %ACE-4-442002: Health probe probe name detected real\_server\_name (interface interface\_name) in serverfarm sfarm\_name changed state to DOWN
- Error Message %ACE-4-442003: Real Server real\_server\_name in serverfarm sfarm\_name changed state to new state
- Error Message %ACE-4-442004: Health probe probe name detected real\_server\_name (interface interface\_name) changed state to UP
- Error Message %ACE-4-442005: Health probe probe name detected real\_server\_name (interface interface\_name) changed state to DOWN
- Error Message %ACE-4-442006: Real Server Real Server name changed state to inService/outOfService>
- Error Message %ACE-4-442007: VIP in class: 'VIP' changed state from OUTOFSERVICE/INSERVICE to INSERVICE/OUTOFSERVICE
- Error Message %ACE-4-444005: Evaluation license for feature feature\_name will expire in num\_days days num\_hours hours
- Error Message %ACE-4-444007: Installed feature\_name license on Revision 6 or older hardware, will not take effect until next reboot.
- Error Message %ACE-4-504003: Admin context is not guaranteed of one or more resources. Admin context might get starved of these resources, leading to denial of some of the services.
- Error Message %ACE-4-607005: SIP dropped packet from vlanSource\_interface:source\_real\_address/source\_real\_port (source\_NAT\_address\_on\_destination\_interface:source\_NAT\_port\_on\_destination\_interface) to vlanDest\_interface:destination\_address\_on\_source\_interface/destination\_port\_on\_source\_interface (destination\_real\_address\_on\_destination\_interface:destination\_real\_port\_on\_destination\_interface); Call-ID: Unknown Message Type: Unknown; invalid data buffer received

- Error Message %ACE-4-728011: Context ID variable1 being variable2 should not have variable3 associated sticky groups -- type variable4
- Error Message %ACE-4-728013: A cache alignment error variable1 was detected during initialization -- type variable2
- Error Message %ACE-4-728016: HA data receive failure (type variable1)
- Error Message %ACE-4-728019: Sticky resources were not variable1 for this context -- type variable2
- Error Message %ACE-4-728024: Received an unknown variable1 type message (variable2) for Sticky from remote IXP variable3!
- Error Message %ACE-LB\_General-4-728032: Real Server variable1 in Serverfarm variable2 has reached configured threshold for HTTP retcode variable3
- Error Message %ACE-4-728034: Real Server real\_server\_name in Serverfarm server\_farm\_name has reached configured threshold for Inband Health Monitoring
- Error Message %ACE-4-729002: Regex resource usage beyond maximum limit for context context\_id. Free up some resources.
- Error Message %ACE-4-729003: Minimum regex resources could not be guaranteed for context context\_id.
- Error Message %ACE-4-750001: Sticky resource usage beyond maximum limit for context ctx id
- Error Message %ACE-4-750002: Minimum sticky resources could not be guaranteed for context ctx id
- Error Message %ACE-4-751001: Delay in message processing observed for <process\_name> with pid <ppp>, message\_id <mmm>, opcode <ooo>, src\_sap <sss> ,dest\_sap <ddd>

## Notification Messages, Severity Level 5

The following messages appear at severity level 5, notifications:

- Error Message %ACE-5-111008: User root executed the string command
- Error Message %ACE-5-255001: Backup for context ctx\_name is successful
- Error Message %ACE-5-255002: Backup for all contexts is successful
- Error Message %ACE-5-255005: Restore for context ctx\_name is successful
- Error Message %ACE-5-255006: Restore for all contexts successful
- Error Message %ACE-5-303004: FTP cmd\_string command unsupported - failed strict inspection, terminating connection from source\_interface:source\_address/source\_port to dest\_interface:dest\_address/dest\_interface
- Error Message %ACE-5-304001: user source\_address Accessed {URL} dest\_address: url.
- Error Message %ACE-5-415004: HTTP - matched mime\_type in policy-map policy\_map\_name, content-type verification failed from source\_address to dest\_address/port\_num Connection connection\_ID
- Error Message %ACE-5-415006: HTTP - matched class\_map\_name in policy\_map\_name, URI matched connection\_action from source\_address/port\_num to dest\_address/port\_num Connection connection\_ID

- Error Message %ACE-5-415007: HTTP - matched class\_map\_name in policy-map policy\_map\_name, Body matched connection\_action from IP\_address/port\_num to IP\_address/port\_num Connection connection\_ID
- Error Message %ACE-5-415008: HTTP - matched class\_map\_name in policy-map policy\_map\_name, Header matched connection\_action from IP\_address/port\_num to IP\_address/port\_num Connection connection\_ID
- Error Message %ACE-5-415009: HTTP - matched class\_map\_name in policy-map policy\_map\_name, method matched - connection\_action from IP\_address/port\_num to IP\_address/port\_num Connection connection\_ID
- Error Message %ACE-5-415010: HTTP - matched class\_map\_name in policy-map policy\_map\_name, transfer encoding matched connection\_action from IP\_address/port\_num to IP\_address/port\_num Connection connection\_ID
- Error Message %ACE-5-415011: HTTP - policy-map policy\_map\_name:Protocol violation connection\_action from IP\_address/port\_num to IP\_address/port\_num Connection connection\_ID
- Error Message %ACE-5-415021: HTTP - matched class\_map\_name in policy-map policy\_map\_name, URI length range matched connection\_action from source\_address/port\_num to dest\_address/port\_num Connection connection\_ID
- Error Message %ACE-5-415022: HTTP - matched class\_map\_name in policy\_map\_name, Header length range matched connection\_action from source\_address/port\_num to dest\_address/port\_num Connection connection\_ID
- Error Message %ACE-5-415023: HTTP - matched class\_map\_name in policy-map policy\_map\_name, body length range matched connection\_action from source\_interface:source\_address/port\_num to dest\_interface:dest\_address/port\_num Connection connection\_ID
- Error Message %ACE-5-415024:HTTP - matched class\_map\_name in policy-map policy\_map\_name, Header content type matched connection\_action from IP\_address/port\_num to IP\_address/port\_num Connection connection\_ID
- Error Message %ACE-5-415025: HTTP policy\_map\_name - Tunnel detected - connection\_action from IP\_address/port\_num to IP\_address/port\_num connection connection\_ID
- Error Message %ACE-5-415026: HTTP policy\_map\_name: Instant Messenger detected connection\_action from IP\_address/port\_num to IP\_address/port\_num connection connection\_ID
- Error Message %ACE-5-415027: HTTP policy\_map\_name: Peer-to-Peer detected connection\_action from IP\_address/port\_num to IP\_address/port\_num connection connection\_ID
- Error Message %ACE-5-441001: Serverfarm name failed over to backupServerfarm (backup\_name) in policy\_map (lb\_Policy\_Map). Number of failovers = count1, number of times back in service = count2
- Error Message %ACE-5-441002: Serverfarm name is back in service in policy\_map (lb\_Policy\_Map). Number of failovers = count1, number of times back in service = count2
- Error Message %ACE-5-441003: Serverfarm (name) failed in policy\_map (policy\_name) --> class\_map (cmap\_name) without backup. Number of failovers = count1, number of times back in service = count2
- Error Message %ACE-5-441004: Starting the loadbalancing on remote VMs for serverfarm name, reason: reason
- Error Message %ACE-5-441005: Stopping the loadbalancing on remote VMs for serverfarm name, reason: reason
- Error Message %ACE-5-442008: Locality state for rserver name has changed to remote or local

- Error Message %ACE-5-444002: Installed license file license\_file\_name
- Error Message %ACE-5-444003: Uninstalled license file license\_file\_name
- Error Message %ACE-5-504001: Security context context-name was added to the system
- Error Message %ACE-5-504002: Security context context-name was removed from the system
- Error Message %ACE-5-727019: HA: Started alternate ping to IP address ip addr
- Error Message %ACE-5-727020: HA: Stopped alternate ping to IP address ip addr.
- Error Message %ACE-5-727021: HA: Peer is compatible.
- Error Message %ACE-5-727022: HA: Started sending heartbeats to peer Peer id interval value and count cnt
- Error Message %ACE-5-727023: HA: Stopped sending heartbeats to peer Peer id.
- Error Message %ACE-HA\_HB-2-727024: HA: HB state change for peer Peer\_ID message failed due to CP queue full
- Error Message %ACE-5-728004: Internal communications notice (general) type variable1
- Error Message %ACE-5-728006: Internal communications error (messaging) msg subType variable1 -- type variable2
- Error Message %ACE-5-728012: Context ID variable1 failed to receive return data -- type variable2
- Error Message %ACE-5-728018: Proxy connection variable1 rebalanced to server variable2
- Error Message %ACE-5-728028: Sticky mapping failed: variable1 variable2

## Informational Messages, Severity Level 6

The following messages appear at severity level 6, informational:

- Error Message %ACE-6-199008: DC controller: channel\_number reason
- Error Message %ACE-6-253001: Certificate certificate\_information expired
- Error Message %ACE-6-253002: Certificate certificate\_information not yet valid
- Error Message %ACE-6-253003: Certificate client\_information is signed by an unknown CA
- Error Message %ACE-6-253004: Certificate subject\_of\_certificate revoked, ssl-proxy: proxy\_name, reason: reason
- Error Message %ACE-6-253005: Signature for certificate\_information is invalid
- Error Message %ACE-6-253006: Error peer sent invalid or nonexistent certificate subject\_of\_peer\_certificate, reason: reason
- Error Message %ACE-6-253007: Certificate in file file\_name is expired
- Error Message %ACE-6-253008: CRL crl\_name could not be retrieved, reason: reason
- Error Message %ACE-6-253009: Certificate in file file\_name is not yet valid
- Error Message %ACE-6-302022: Built TCP connection id for interface:real-address/real-port (mapped-address/mapped-port) to interface:real-address/real-port (mapped-address/mapped-port)
- Error Message %ACE-6-302023: Teardown TCP connection id for interface:real-address/real-port (mapped-address/mapped-port) to interface:real-address/real-port (mapped-address/mapped-port) duration hh:mm:ss bytes bytes [reason]



- Error Message %ACE-6-302024: Built UDP connection id for interface:real-address/real-port (mapped-address/mapped-port) to interface:real-address/real-port (mapped-address/mapped-port)
- Error Message %ACE-6-302025: Teardown UDP connection id for interface:real-address/real-port to interface:real-address/real-port duration hh:mm:ss bytes bytes
- Error Message %ACE-6-302026: Built ICMP connection for faddr/NATed\_ID gaddr/icmp\_type laddr/icmpID
- Error Message %ACE-6-302027: Teardown ICMP connection for faddr/NATed ID gaddr/icmp\_type laddr/icmpID
- Error Message %ACE-6-302028: Built TCP connection id for interface: real-address/real-port (mapped-address/mapped-port) to interface: real-address/real-port (mapped-address/mapped-port)
- Error Message %ACE-6-302029: Teardown TCP connection id for interface: real-address/real-port to interface: real-address/real-port duration hh:mm:ss bytes bytes [reason]
- Error Message %ACE-6-302030: Built UDP connection id for interface: real-address/real-port (mapped-address/mapped-port) to interface: real-address/real-port (mapped-address/mapped-port)
- Error Message %ACE-6-302031: Teardown UDP connection id for interface: real-address/real-port to interface: real-address/real-port duration hh:mm:ss bytes bytes
- Error Message %ACE-6-303003: FTP cmd\_name command denied - failed strict inspection, terminating connection from source\_interface:source\_address/source\_port to dest\_interface:dest\_address/dest\_port
- Error Message %ACE-6-305009: Built {dynamiclstatic} translation from interface\_name [(acl-name)]:real\_address to interface\_name:mapped\_address
- Error Message %ACE-6-305010: Teardown {dynamiclstatic} translation from interface\_name:real\_address to interface\_name:mapped\_address duration time
- Error Message %ACE-6-314001: Allocate media connection from ip\_address1/port1 to ip\_address2/port2
- Error Message %ACE-6-607001: Pre-allocate SIP media secondary channel for source\_interface:source\_address/source\_port to destination\_interface:destination\_address/destination\_port from message\_id message
- Error Message %ACE-6-607002: SIP Received packet from vlanSource\_interface:source\_real\_address/source\_real\_port (source\_NAT\_address\_on\_destination\_interface:source\_NAT\_port\_on\_destination\_interface) to vlanDest\_interface:destination\_address\_on\_source\_interface/destination\_port\_on\_source\_interface (destination\_real\_address\_on\_destination\_interface:destination\_real\_port\_on\_destination\_interface); Call-ID: call\_ID Message Type: type [description]
- Error Message %ACE-6-607003: SIP Classification: Action\_type and log SIP message\_id from source\_interface:source\_address/source\_port to destination\_interface:destination\_address/destination\_port
- Error Message %ACE-4-607005: SIP dropped packet from vlanSource\_interface:source\_real\_address/source\_real\_port (source\_NAT\_address\_on\_destination\_interface:source\_NAT\_port\_on\_destination\_interface) to vlanDest\_interface:destination\_address\_on\_source\_interface/destination\_port\_on\_source\_interface (destination\_real\_address\_on\_destination\_interface:destination\_real\_port\_on\_destination\_interface); Call-ID: Unknown Message Type: Unknown; invalid data buffer received

- Error Message %ACE-6-608001: Pre-allocate Skinny connection\_type secondary channel for source\_interface:source\_address/source\_port to destination\_interface:destination\_address/destination\_port from message\_id message
- Error Message %ACE-6-615003: VLAN VLAN-number not available for configuring an interface
- Error Message %ACE-6-615004: VLAN VLAN-number available for configuring an interface
- Error Message %ACE-6-728020: LB is configured to consume variable1 bytes of memory.
- Error Message %ACE-6-728021: Found inconsistent sticky entry. Terminating variable1.
- Error Message %ACE-6-728022: Invalid hash table index (variable1) used for variable2
- Error Message %ACE-6-728023: variable1 variable2 sticky entries from ContextId variable3.
- Error Message %ACE-6-728025: Dropped variable1 'variable2' messages (variable3 total) from IXP variable4 to IXP variable5!
- Error Message %ACE-6-728026: Attempting to use invalid lookup key for variable1 processing.
- Error Message %ACE-6-728030: Silently discarding HA data: variable1

## Debugging Messages, Severity Level 7

- Error Message %ACE-7-111009: User user executed cmd:string

