C H A P T E R 9

DOT1D DOT1Q DOT1X and DOT3AD System Messages

This chapter contains the following topics:

DOT1D Messages

This section contains 802.1D (DOT1D) messages.

Error Message `%DOT1D-3-WRITE_CFG_FAIL: Failed to write config file [chars] in nv storage`

Explanation The system has failed to store the configuration file in the NV storage.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1D-0-MEM_ALLOC_FAIL: [chars],Out of system memory`

Explanation The system has failed to allocate memory. The system is out of system buffers.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the

Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message `%DOT1D-3-WRITE_CFG_FAIL: Failed to write config file [chars] in nv`
`storage`

Explanation   The system has failed to store the configuration file in the NV storage.

Recommended Action   Copy the message exactly as it appears on the console or in the system log.
Research and attempt to resolve the issue using the tools and utilities provided at
http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities
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Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message `%DOT1D-0-DATA_INIT_FAIL: Failed to allocate memory for the dot1d`
`variables.dot1d sub-system not initialized.`

Explanation   The system has failed to allocate memory for the dot1d variables. The dot1d subsystem
is not initialized.

Recommended Action   Copy the message exactly as it appears on the console or in the system log.
Research and attempt to resolve the issue using the tools and utilities provided at
http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities
will supply clarifying information. Search for resolved software issues using the Bug Toolkit at
http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the
Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message `%DOT1D-0-PORT_ALLOC_FAIL: Failed to allocate memory for GARP`
`Information Declaration(GID)Port number: [hex]..`

Explanation   The system has failed to allocate memory for the GARP Information Declaration (GID)
port.

Recommended Action   Copy the message exactly as it appears on the console or in the system log.
Research and attempt to resolve the issue using the tools and utilities provided at
http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities
will supply clarifying information. Search for resolved software issues using the Bug Toolkit at
http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the
Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message `%DOT1D-0-TASK_START_FAIL: Could not create [chars] task.Error code:[dec].The system has failed to initialize dot1d sub-system`

Explanation The system could not create a task. The dot1d subsystem failed to initialize.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1D-3-BPDU_MEMGET_FAIL: Out of System buffers.`

Explanation The system is out of system buffers.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1D-3-RCV_MSG_FAIL: The [chars] failed to receive a message. Internal system error.Error code:[dec].`

Explanation A dot1d subsystem task has failed to receive a message. An internal system error has occurred.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1D-3-RGSTR_CHANGE_FAIL: [chars].dot1d sub-system not initialized`

Explanation The system is unable to register a change in the state callback. The dot1d subsystem is not initialized.

Recommended Action No action is required.

Error Message `%DOT1D-3-SND_MSG_FAIL: Failed to send message to [chars], the message queue for the task maybe full.Error Code: [dec], Internal system error`

Explanation The system has failed to send a message to a task. The message queue for the task might be full. An internal system error has occurred.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1D-3-QUEUE_INIT_FAIL: Message queue  creation error.dot1d sub-system not initialized`

Explanation The system has failed to initialize the dot1d message queue. The dot1d subsystem is not initialized.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1D-3-SYSINIT_GETFILE_FAIL: Failed to retrieve file from nv storage.File name [chars].dot1d sub-system not initialized`

Explanation The system has failed to retrieve the file from the NV storage. The dot1d subsystem is not initialized.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1D-4-GID_ALL_USED: All Ports are used for GARP Information Declaration (GID)`

Explanation All ports are used for a GARP Information Declaration (GID).

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1D-4-INVALID_BPDU_TYPE: Invalid BPDU Type [dec] received`

Explanation The system has detected an invalid BPDU type received.

Recommended Action This is a debug message only. No action is required.

Error Message `%DOT1D-6-PORT_FIND_FAIL: Port number [hex] is not found for GARP Information Declaration (GID)`

Explanation A port has not been found for the GARP Information Declaration (GID).

Recommended Action No action is required.

Error Message `%DOT1D-7-CONN_PORT_RING: GIP: Connecting Ports #[hex] to ring..`

Explanation GIP: The system is connecting ports to a ring.

Recommended Action No action is required.

Error Message `%DOT1D-7-CREATED_PORT: GID: created Port # [hex]..`

Explanation GID: The system has created a port.

Recommended Action No action is required.

Error Message `%DOT1D-7-CREATING_PORT: GID: Creating Port # [hex]..`

Explanation GID: The system is creating a port.

Recommended Action No action is required.

Error Message `%DOT1D-7-DESTROY_PORT: GID: Destroying Port # [hex]..`

Explanation GID: The port has been removed.

Recommended Action No action is required.

Error Message `%DOT1D-7-DISCON_PORT_RING: GIP: Disconnecting Ports #[hex] from ring..`

Explanation   GIP: Disconnecting ports from ring.

Recommended Action   No action is required.

Error Message `%DOT1D-7-HOLD_TIMER_EXP: GID: Hold Timer Expired..`

Explanation   GID: The hold timer has expired.

Recommended Action   No action is required.

Error Message `%DOT1D-7-JOIN_MSG_RCV: GID: Join msg is received..`

Explanation   GID: A join message has been received.

Recommended Action   No action is required.

Error Message `%DOT1D-7-JOIN_TIMER_EXP: GID: join Timer Expired..`

Explanation   GID: A join timer has expired.

Recommended Action   No action is required.

Error Message `%DOT1D-7-LEAVE_ALL_TIMER_EXP: GID: Leave All Timer Expired..`

Explanation   GID: A leave all timer has expired.

Recommended Action   No action is required.

Error Message `%DOT1D-7-LEAVE_EVENT_RCV: GID: Leave All event is received..`

Explanation   GID: A leave all event has been received.

Recommended Action   No action is required.

Error Message `%DOT1D-7-LEAVE_MSG_RCV: GID: Leave message is received..`

Explanation   GID: A leave message has been received.

Recommended Action   No action is required.

Error Message `%DOT1D-7-LEAVE_TIMER_EXP: GID: Leave Timer Expired..`

Explanation   GID: A leave timer has expired.

Recommended Action   No action is required.

Error Message `%DOT1D-7-PORT_ADD: GID: Add Port # [hex]..`

Explanation GID: The system has added a port.

Recommended Action No action is required.

Error Message `%DOT1D-7-PORT_INDEX_UNUSED: GID: Ports at index [hex] is not used..`

Explanation GID: Ports at the index are not used.

Recommended Action No action is required.

Error Message `%DOT1D-7-PROP_JOIN: GIP: propagate Join for Port #[hex]..`

Explanation GIP: The system has propagated a join for the port.

Recommended Action No action is required.

Error Message `%DOT1D-7-PROP_LEAVE: GIP: propagate Leave for Port #[hex]..`

Explanation GIP: The system has propagated a leave for the port.

Recommended Action No action is required.

Error Message `%DOT1D-7-RMV_PORT: GID: Removing Port # [hex] from the ring..`

Explanation GID: The system is removing a port from the ring.

Recommended Action No action is required.

Error Message `%DOT1D-7-START_HOLD_TIMER: GID: Start Hold Timer..`

Explanation GID: A start hold timer has occurred.

Recommended Action No action is required.

Error Message `%DOT1D-7-START_JOIN_TIMER: GID: Start Join Timer..`

Explanation GID: A start join timer has occurred.

Recommended Action No action is required.

Error Message `%DOT1D-7-START_LEAVE_TIMER: GID: Start Leave All Timer..`

Explanation GID: A start leave all timer error has occurred.

Recommended Action No action is required.

DOT1Q Messages

This section contains 802.1Q (DOT1Q) messages.

Error Message `%DOT1Q-3-FILE_WRITE_FAIL: Failed to write to a config file. File Name: [chars].`

Explanation The system has failed to write to a configuration file.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1Q-3-FLASH_READ_FAIL: Error retrieving file [chars] from system flash.`

Explanation An error has occurred when retrieving the file from the system flash.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1Q-3-GID_FIND_PORT: Failed to find a gid port. Port # [dec].`

Explanation The system has failed to find a GID port.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1Q-3-GIP_CREATE_FAIL: Failed to Create GIP..`

Explanation The system has failed to create a GIP.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1Q-3-GVR_CREATE_FAIL: Failed to Create GVR.`

Explanation The system has failed to create a GVR.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1Q-3-GVR_TO_DTL: Failed to get the link state for an interface. Port # [dec]`

Explanation The system has failed to get the link state for an interface.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1Q-3-INVALID_CONFIG_REQ: Invalid configuration request. Failed to send vlan configuration request`

Explanation The system has detected an invalid configuration request. The system has failed to send the VLAN configuration request.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the

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support representative and provide the representative with the information you have gathered.

Error Message `%DOT1Q-3-INVALID_CONFIG_REQ_RCV: Invalid configuration received.`
`Failed to service vlan configuration request.`

Explanation The system has detected an invalid configuration received. The system has failed to
service the VLAN configuration request.

Recommended Action Copy the message exactly as it appears on the console or in the system log.
Research and attempt to resolve the issue using the tools and utilities provided at
http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities
will supply clarifying information. Search for resolved software issues using the Bug Toolkit at
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Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message `%DOT1Q-3-LAG_CALBAK_FAIL: Link Aggregation malfunctioned while`
`initializing Vlan.`

Explanation A link aggregation has malfunctioned while initializing a VLAN.

Recommended Action Copy the message exactly as it appears on the console or in the system log.
Research and attempt to resolve the issue using the tools and utilities provided at
http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities
will supply clarifying information. Search for resolved software issues using the Bug Toolkit at
http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the
Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message `%DOT1Q-3-MBUF_GET_FAIL: Unable to transmit GVRP packet for port #`
`[dec]. Out of system buffers.`

Explanation The system is unable to transmit a GVRP packet. The system is out of system buffers.

Recommended Action Copy the message exactly as it appears on the console or in the system log.
Research and attempt to resolve the issue using the tools and utilities provided at
http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities
will supply clarifying information. Search for resolved software issues using the Bug Toolkit at
http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the
Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message `%DOT1Q-3-MEM_ALLOC_FAIL: Failed to allocate memory.`

Explanation The system has failed to allocate memory.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1Q-3-MIN_VLAN_FAIL: No VLANs created upon initialization.`

Explanation No VLANs have been created upon initialization.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1Q-3-MODIFY_VLAN_FAIL: Bridge not initialized. Cannot modify vlan. Vlan Id:[dec]`

Explanation The bridge has not been initialized. The system cannot modify a VLAN.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1Q-3-NOTIFY_USERS_FAIL: Failed to notify registered users. Vlan Id: [dec].Interface: [dec]`

Explanation The system has failed to notify registered users.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the

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http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message `%DOT1Q-3-UPDATE_PSTNT_FAIL: Problem updating persistent data for VLAN [dec].`

Explanation There is a problem when updating persistent data for a VLAN.

Recommended Action Copy the message exactly as it appears on the console or in the system log.
Research and attempt to resolve the issue using the tools and utilities provided at
http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities
will supply clarifying information. Search for resolved software issues using the Bug Toolkit at
http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the
Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message `%DOT1Q-3-UPDATE_TNZNT_FAIL: Problem updating transient data for VLAN [dec].`

Explanation There is a problem when updating transient data for a VLAN.

Recommended Action Copy the message exactly as it appears on the console or in the system log.
Research and attempt to resolve the issue using the tools and utilities provided at
http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities
will supply clarifying information. Search for resolved software issues using the Bug Toolkit at
http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the
Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message `%DOT1Q-3-VLAN_CONFIG_FAIL: Failed to configure Vlan. Vlan Id: [dec].`

Explanation The system has failed to configure a VLAN.

Recommended Action Copy the message exactly as it appears on the console or in the system log.
Research and attempt to resolve the issue using the tools and utilities provided at
http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities
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Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message `%DOT1Q-3-VLAN_CREATE_MODIFY_FAIL: Failed to create or modify vlan.`
`Vlan Id: [dec]`

Explanation   The system has failed to create or modify a VLAN.

Recommended Action   Copy the message exactly as it appears on the console or in the system log.
Research and attempt to resolve the issue using the tools and utilities provided at
http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities
will supply clarifying information. Search for resolved software issues using the Bug Toolkit at
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Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message `%DOT1Q-3-VLAN_DELAVL_FAIL: Failed to delete a vlan Entry from the AVL`
`tree.VLAN [dec].`

Explanation   The system has failed to delete a VLAN entry from the AVL tree.

Recommended Action   Copy the message exactly as it appears on the console or in the system log.
Research and attempt to resolve the issue using the tools and utilities provided at
http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities
will supply clarifying information. Search for resolved software issues using the Bug Toolkit at
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Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message `%DOT1Q-3-VLAN_DEL_FAIL: Failed to delete all static vlans. Number of`
`failures: [dec]`

Explanation   The system has failed to delete all static VLANs.

Recommended Action   Copy the message exactly as it appears on the console or in the system log.
Research and attempt to resolve the issue using the tools and utilities provided at
http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities
will supply clarifying information. Search for resolved software issues using the Bug Toolkit at
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Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message `%DOT1Q-3-VLAN_ENTRY_FAIL: Failed while updating data for VLAN [dec] in`
`the avl tree`

Explanation   The system has failed while updating data for a VLAN.

Recommended Action   Copy the message exactly as it appears on the console or in the system log.
Research and attempt to resolve the issue using the tools and utilities provided at
http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities
will supply clarifying information. Search for resolved software issues using the Bug Toolkit at
http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the

Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message `%DOT1Q-3-VLAN_FIND_FAIL: Vlan [dec] does not exist or invalid Vlan ID`

Explanation The requested VLAN does not exist.

Recommended Action Copy the message exactly as it appears on the console or in the system log.
Research and attempt to resolve the issue using the tools and utilities provided at
http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities
will supply clarifying information. Search for resolved software issues using the Bug Toolkit at
http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the
Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message `%DOT1Q-3-VLAN_MBR_SET: Failed to set an interface to vlan. Vlan Id:`
`[dec]. Interface: [dec]`

Explanation The system has failed to set an interface to the VLAN.

Recommended Action Copy the message exactly as it appears on the console or in the system log.
Research and attempt to resolve the issue using the tools and utilities provided at
http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities
will supply clarifying information. Search for resolved software issues using the Bug Toolkit at
http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the
Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message `%DOT1Q-3-VLAN_PORTMBR_FAIL: Failed to get port membership information`
`for vlan.Port # [dec].`

Explanation The system has failed to get port membership information for a VLAN.

Recommended Action Copy the message exactly as it appears on the console or in the system log.
Research and attempt to resolve the issue using the tools and utilities provided at
http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities
will supply clarifying information. Search for resolved software issues using the Bug Toolkit at
http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the
Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message `%DOT1Q-3-VLAN_RANGE_FAIL: Attempt to create a vlan with an invalid vlan id [dec].`

Explanation   The system has attempted to create a VLAN with an invalid VLAN ID.

Recommended Action   Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1Q-3-VLAN_RGS_FAIL: VLAN registration failed. Registrar: [dec].`

Explanation   The VLAN registration failed.

Recommended Action   Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1Q-3-VLAN_TYPEGET_FAIL: Failed to get the Vlan Type. Port # [dec].`

Explanation   The system has failed to get the VLAN type.

Recommended Action   Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1Q-6-DB_FULL: GVRP: Data Base is FULL. Port #: [dec]`

Explanation   GVRP: The database is full.

Recommended Action   No action is required.

Error Message `%DOT1Q-6-MAX_VLAN_FAIL: No available entries for VLAN ID [dec].`
`Maximum number of Vlans allowed exceeded`

Explanation These are no available entries for the VLAN ID. The maximum number of VLANs allowed have been exceeded.

Recommended Action No action is required.

Error Message `%DOT1Q-7-CREATE_GVR: GVRP: Create GVR.`

Explanation GVRP: The system has created a GVR.

Recommended Action No action is required.

Error Message `%DOT1Q-7-DSTR_GVR: GVRP: Destroying GVR..`

Explanation GVRP: The GVR has been removed.

Recommended Action No action is required.

Error Message `%DOT1Q-7-GVR_ADD_PORT: GVRP: GVR add Port # [hex]..`

Explanation GVRP: The GVR has added a port.

Recommended Action No action is required.

Error Message `%DOT1Q-7-GVR_RMV_PORT: GVRP: GVR removed Port # [hex]..`

Explanation GVRP: The GVR removed a port.

Recommended Action No action is required.

Error Message `%DOT1Q-7-JOIN_MSG_RCV: GVRP: Join msg is received. Port #: [dec].`

Explanation GVRP: A join message has been received.

Recommended Action No action is required.

Error Message `%DOT1Q-7-LEAVE_ALL_TMR_EXP: GVR: delete attribute Timer Expired..`

Explanation GVR: A delete attribute timer has expired.

Recommended Action No action is required.

Error Message `%DOT1Q-7-LEAVE_MSG_RCV: GVRP: Leave msg is received. Port #:[dec].`

Explanation GVRP: A leave message has been received.

Recommended Action No action is required.

Error Message `%DOT1Q-7-PORT_ENABLED: Port is Enabled. Port #: [dec].`

Explanation The port is enabled.

Recommended Action No action is required.

Error Message `%DOT1Q-7-PORT_JOINING: GVRP: Port # [hex] is joining..`

Explanation GVRP: The port is joining.

Recommended Action No action is required.

Error Message `%DOT1Q-7-PORT_LEAVING: GVRP: Port # [hex] is leaving..`

Explanation GVRP: The port is leaving.

Recommended Action No action is required.

Error Message `%DOT1Q-7-TX_GVR: GVRP: Transmitting msg. Port # [dec].`

Explanation GVRP: The system is transmitting a message.

Recommended Action No action is required.

DOT1X Messages

This section contains 802.1X (DOT1X) messages.

Error Message `%DOT1X-1-ABORT_AUTH: Authentication aborted for client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation An internal error caused 802.1X authentication to be aborted.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-3-AAA_AUTH_SEND_FAIL: Unable to send authentication message to AAA server for client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation The system failed to authenticate the client because a message could not be sent to the authentication server.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-1-AUTHENTICATOR_ERR: Could not function as authenticator - [chars]; client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation Client authentication failed because an internal error occurred in the 802.1X authentication process.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-1-DOT1X_CB_NULL: 802.1X control block NULL for mobile [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation Client authentication failed because an internal control block was unexpectedly null.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-1-SEND_AAA_FAILED: Could not send AAA message.[chars]. Mobile:`
`[hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

> **Explanation** Client authentication failed because an internal error prevented a message from being sent to the authentication server.

> **Recommended Action** Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-1-INVALID_WPA_KEY_STATE: Received EAPOL-key message while in`
`invalid state ([int]) - version [int], type [int], descriptor [int], client`
`[hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

> **Explanation** An authentication message was received from a client that was not expected while in the current state. The message was ignored.

> **Recommended Action** If the problem persists, try upgrading the client driver software or using different client software to isolate the cause. Also investigate possible intruder activity.

Error Message `%DOT1X-1-SET_BRDCST_KEY_ERR: Could not set broadcast keys for WLAN`
`[int]; GTK length [int], Max GTK Buffer [int]`

> **Explanation** The system could not set or refresh the broadcast keys for the WLAN because the key hold buffer is shorter.

> **Recommended Action** Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-1-SOCK_OPER_FAILED: Socket [chars] operation failed on 802.1X`
`socket`

> **Explanation** An internal error caused a socket processing failure.

> **Recommended Action** Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the

Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-1-VALIDATE_REPLAY_CTR_FAILED: Could not Validate the replay`
`counter in packet. [chars]. Got: [hex] [hex] [hex] [hex] [hex] [hex] [hex]`
`[hex]. Expected: [hex] [hex] [hex] [hex] [hex] [hex] [hex] [hex]. Mobile: [hex]`
`[hex] [hex] [hex] [hex] [hex]`

Explanation Client authentication failed because an EAPOL message from the client contained an invalid replay counter.

Recommended Action If the problem persists, try upgrading the client driver software or using different client software to isolate the cause. Also, investigate possible intruder activity.

Error Message `%DOT1X-3-AAA_SEND_ERR: Error sending AAA message - [chars]; client`
`[hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation Client authentication has failed because an internal error prevented a message from being sent to the authentication server.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-3-AAA_SEND_FAILURE: Unable to send AAA message for client`
`[hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation Client authentication has failed because a message could not be sent to the authentication server.

Recommended Action Review the message log for other messages preceding this one that might indicate a connection failure or configuration problem. Ensure that the authentication servers are properly configured and are reachable.

Error Message `%DOT1X-3-ABORT_AUTH: Authentication Aborted`

Explanation An internal error caused 802.1X authentication to be aborted.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the

Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-3-ADD_KEYMAP_KEY_ERR: Unable to add key mapping key to`
`EAPOL-key message for client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation The system failed to authenticate the client due to an internal error that occurred when
attempting to add the key mapping.

Recommended Action Copy the message exactly as it appears on the console or in the system log.
Research and attempt to resolve the issue using the tools and utilities provided at
http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities
will supply clarifying information. Search for resolved software issues using the Bug Toolkit at
http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the
Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-3-AUTHKEY_TX_TRANS_ERR: Authentication state transition to`
`state [int] failed; port status [int], key available [int], key tx enabled [int]`

Explanation Client authentication failed because an internal error occurred during the authentication
state transition.

Recommended Action Copy the message exactly as it appears on the console or in the system log.
Research and attempt to resolve the issue using the tools and utilities provided at
http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities
will supply clarifying information. Search for resolved software issues using the Bug Toolkit at
http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the
Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-3-CLIENT_NOT_FOUND: Unable to process 802.1X [int] msg - client`
`[hex]:[hex]:[hex]:[hex]:[hex]:[hex] not found`

Explanation A message on an internal queue could not be processed because the client indicated that
the message was not found in the internal database.

Recommended Action Copy the message exactly as it appears on the console or in the system log.
Research and attempt to resolve the issue using the tools and utilities provided at
http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities
will supply clarifying information. Search for resolved software issues using the Bug Toolkit at
http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the
Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-3-COMPUTE_PRF_FAILED: Failed to compute PRF mode [int], size [int] - [chars]`

Explanation An internal error occurred when attempting to calculate a pseudorandom value.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-3-EAP_MSG_ERR: Could not process EAP message - [chars]; client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation Client authentication failed because an EAP message from the server or supplicant was not understood.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-3-EAPOL_MSG_ATTACK: Possible eapol key mssages attack - %s; for client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation Client authentication failed because an EAPOL message from the client contained data that should only be sent by the access point. This issue might be caused by an intruder that is spoofing authentication frames.

Recommended Action If the problem persists, try upgrading the client driver software or using different client software to isolate the cause. Also investigate possible intruder activity. If this does not solve the problem research and attempt to resolve the error using the Output Interpreter https://www.cisco.com/cgi-bin/Support/OutputInterpreter/home.pl. Also perform a search of the Bug Toolkit http://www.cisco.com/cgi-bin/Support/Bugtool/home.pl. If you still require assistance, open a case with the Technical Assistance Center via the Internet http://www.cisco.com/cgi-bin/front.x/case_tools/caseOpen.pl, or contact your Cisco technical support representative and provide the representative with the gathered information.

Error Message `%DOT1X-3-GTK_ENCRYPT_FAILED: Unable to encrypt CCKM GTK for client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation Client authentication failed because an internal error occurred when attempting to encrypt a group temporal key.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-3-INTF_DEL_FAILED: Unable to delete 802.1X interface`

Explanation An internal error prevented an 802.1X interface structure from being deleted.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-3-INVALID_CLIENT_DOT1X_CB: Missing 802.1X control block for client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation Client authentication failed because an internal control block was unexpectedly null.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-3-INVALID_DOT1X_CB: Missing 802.1X or client control block`

Explanation Client authentication failed because an internal control block was unexpectedly null.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the

Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message %DOT1X-3-INVALID_DOT1X_Q_TYPE: Invalid dot1x message type [int] in
802.1X message queue

Explanation A message on an internal message queue could not be processed because the message
type was invalid.

Recommended Action Copy the message exactly as it appears on the console or in the system log.
Research and attempt to resolve the issue using the tools and utilities provided at
http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities
will supply clarifying information. Search for resolved software issues using the Bug Toolkit at
http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the
Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message %DOT1X-3-INVALID_EAP_MSG: Invalid EAP message received - [chars]; EAP
Id [int], 802.1X Id [dec], client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]

Explanation An invalid EAP message was received from the client. The message was ignored.

Recommended Action If the problem persists, try upgrading the client driver software or using
different client software to isolate the cause. Also investigate possible intruder activity. If this does
not solve the problem research and attempt to resolve the error using the Output Interpreter
https://www.cisco.com/cgi-bin/Support/OutputInterpreter/home.pl. Also perform a search of the
Bug Toolkit http://www.cisco.com/cgi-bin/Support/Bugtool/home.pl. If you still require assistance,
open a case with the Technical Assistance Center via the Internet
http://www.cisco.com/cgi-bin/front.x/case_tools/caseOpen.pl, or contact your Cisco technical
support representative and provide the representative with the gathered information.

Error Message %DOT1X-3-INVALID_EAPOL_VER: Invalid EAPOL version ([int]) in EAPOL-key
message; type [int], descriptor [int], client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]

Explanation Client authentication failed because of an authentication protocol error between the
client and access point.

Recommended Action If the problem persists, try upgrading the client driver software or using
different client software to isolate the cause. Also investigate possible intruder activity.

Error Message %DOT1X-3-INVALID_KEY_LEN: Invalid key length [int] found for the
encryption cipher

Explanation An internal error occurred when determining the key length for an encryption cipher.

Recommended Action Copy the message exactly as it appears on the console or in the system log.
Research and attempt to resolve the issue using the tools and utilities provided at
http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities
will supply clarifying information. Search for resolved software issues using the Bug Toolkit at

http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-3-INVALID_KEYWRAP_ARG: Invalid key wrap parameters`

Explanation Client authentication failed because an internal error caused invalid data to be passed to the key wrap algorithm.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-3-INVALID_KEYWRAP_PKT: Received invalid keywrap packet - [chars]`

Explanation Client authentication failed because a received keywrap packet was invalid.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-3-INVALID_MIC_ALGORITHM: Selected unsupported MIC algorithm [int] for MIC computation`

Explanation Client authentication failed because an internal error occurred when attempting to compute a MIC value.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-3-INVALID_PTK_LEN: Invalid PTK key length [int] for client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation Client authentication failed because an internal error occurred when attempting to compute a temporal key.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-3-INVALID_RC4_KEY: Invalid EAPOL RC4 key msg from client [hex]:[hex]:[hex]:[hex]:[hex]:[hex] - [chars]`

Explanation Client authentication failed because an EAPOL RC4 key message from the client contained invalid data.

Recommended Action If the problem persists, try upgrading the client driver software or using different client software to isolate the cause. Also investigate possible intruder activity.

Error Message `%DOT1X-3-INVALID_REPLAY_CTR: Invalid replay counter from client [hex]:[hex]:[hex]:[hex]:[hex]:[hex] - got [hex] [hex] [hex] [hex] [hex] [hex] [hex] [hex], expected [hex] [hex] [hex] [hex] [hex] [hex] [hex] [hex]`

Explanation Client authentication failed because an EAPOL message from the client contained an invalid replay counter.

Recommended Action If the problem persists, try upgrading the client driver software or using different client software to isolate the cause. Also investigate possible intruder activity.

Error Message `%DOT1X-3-INVALID_WPA_KEY_MSG: Error in received EAPOL msg - [chars]; version [int], type [int], descriptor [int], client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation Client authentication failed because of an authentication protocol error between the client and access point.

Recommended Action If the problem persists, try upgrading the client driver software or using different client software to isolate the cause. Also investigate possible intruder activity.

Error Message `%DOT1X-3-INVALID_WPA_KEY_MSG_STATE: Received [chars] msg has invalid information when mobile is in %s  state - %s; KeyLen %u, Key type %u, client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation Client authentication failed because of an authentication protocol error between the client and access point.

Recommended Action If the problem persists, try upgrading the client driver software or using different client software to isolate the cause. Also investigate possible intruder activity.

Error Message `%DOT1X-3-KEY_LEN_NOT_FOUND: Encryption key length not found for encryption policy %u`

Explanation An internal error occurred when attempting to determine the key length for an encrypted policy.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-4-MAX_EAPOL_KEY_RETRANS: Max EAPOL-key M[int] retransmissions exceeded for client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation Client authentication failed because the client did not respond to an EAPOL-key message.

Recommended Action Ensure that user credentials are correct on the client and on the AAA server.

Error Message `%DOT1X-1-MAX_EAPOL_KEY_RETRANS_FOR_MOBILE: Max EAPOL-key M[int] retransmissions reached for mobile [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation Client authentication failed because the client did not respond to an EAPOL-key message.

Recommended Action Ensure that user credentials are correct on the client and on the AAA server.

Error Message `%DOT1X-1-MAX_EAP_IE_RETRIES_REACHED: Reached Max EAP-Identity Request retries (num) for STA [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation Client authentication failed because the client did not respond to an EAP request message.

Recommended Action Ensure that user credentials are correct on the client and on the AAA server.

Error Message `%DOT1X-3-MAX_EAP_RETRANS: Max EAP retransmissions exceeded for client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation Client authentication failed because the client did not respond to an EAP request message.

Recommended Action Ensure that user credentials are correct on the client and on the AAA server.

Error Message `%DOT1X-3-MAX_EAP_RETRIES: Max EAP identity request retries ([int]) exceeded for client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation Client authentication failed because the maximum number of permitted attempts was exceeded.

Recommended Action Ensure that user credentials are correct on the client and on the AAA server.

Error Message `%DOT1X-3-MOBILE_EXCESS_RUN: Authentication has run more than [int] times - deleting client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation Client authentication failed because the authentication process failed to complete within the maximum permitted number of attempts.

Recommended Action Ensure that user credentials are correct on the client and on the AAA server.

Error Message `%DOT1X-3-PREPARE_KEY_M5_ERR: Unable to create EAPOL-key M5 - group key not found for WLAN [int]`

Explanation Client authentication failed because an internal error occurred when attempting to create an EAPOL-key message

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-3-PSK_CONFIG_ERR: Client [hex]:[hex]:[hex]:[hex]:[hex]:[hex] may be using an incorrect PSK`

Explanation A client may be attempting to access the network with an improperly configured PSK.

Recommended Action Ensure that user credentials are correct on the client and on the AAA server.

Error Message `%DOT1X-3-RCV_INVALID_CCX_IE: [chars] with [chars] CCX IE received from client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation Client authentication failed because of an authentication protocol error between the client and access point.

Recommended Action If the problem persists, try upgrading the client driver software or using different client software to isolate the cause. Also investigate possible intruder activity.

Error Message `%DOT1X-3-RCV_INVALID_SFA_IE: [chars] with [chars] SFA IE received from client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation Client authentication failed because of an authentication protocol error between the client and access point.

Recommended Action If the problem persists, try upgrading the client driver software or using different client software to isolate the cause. Also investigate possible intruder activity.

Error Message `%DOT1X-3-SEND_WPA_BUFF_ERR: Unable to send EAPOL-key - buffer is too small; size [int], state [int], client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation Client authentication failed because the retransmit buffer was too small to store the outbound authentication message.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-3-UNKNOWN_EAPOL_KEY_DESC: Received unknown EAPOL key descriptor %u from client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation Client authentication failed because an EAPOL message from the client contained an invalid or unsupported key descriptor.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-3-USER_LOGIN_DENY: Authentication rejected for user [chars] - user may already be logged in`

Explanation User authentication failed. The most likely cause is that the username is already in use by another client.

Recommended Action Ensure that unique usernames are used by each client.

Error Message `%DOT1X-3-WPA_KEY_MIC_ERR: TKIP MIC errors reported in EAPOL key msg from client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation Client authentication failed because the client reported TKIP MIC errors in an EAPOL key message that it received from the controller. This issue might be caused by an intruder and countermeasures may have to be taken.

Recommended Action If the problem persists, try upgrading the client driver software or using different client software to isolate the cause. Also investigate possible intruder activity.

Error Message `%DOT1X-3-WPA_SEND_STATE_ERR: Unable to send EAPOL-key msg to client - invalid WPA state [int] for client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation Client authentication failed because the session was not in the correct state when attempting to send an EAPOL-key message.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-4-AAA_MAX_RETRY: Max AAA authentication attempts exceeded for client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation Client authentication has failed because the maximum number of authentication attempts permitted by the authentication was exceeded. If blacklisting is configured, the client will be blacklisted.

Recommended Action Ensure that user credentials are correct on the client and on the AAA server.

Error Message `%DOT1X-4-BE_RCV_NULL_ARG: Empty message received from AAA`

Explanation An AAA message with no content was received by the AAA back-end process. The message was ignored.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at

http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-4-DOT1X_MAX_RETRY: Max authentication attempts exceeded for client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation   Client authentication failed because the maximum number of retries was exceeded.

Recommended Action   Ensure that user credentials are correct on the client and on the AAA server.

Error Message `%DOT1X-4-EAP_CLIENT_NO_RETRANS: EAP packet is too long for retransmission`

Explanation   An EAP message was sent to the client but is too large to be stored in the retransmission queue. If the message is not acknowledged as having been received by the client, it will not be retransmitted.

Recommended Action   Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-4-IGNORE_PREAUTH: Ignoring pre-auth request from client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation   A preauthentication request message from a client was ignored.

Recommended Action   No action is required.

Error Message `%DOT1X-4-INTF_NOT_FOUND: Unable to find 802.1X interface for AP [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation   Client authentication failed because the 802.1X interface of the AP was not found. This issue might have been caused by the sudden loss of connection to the AP, where the client reassociates with another AP, or with the same AP when it recovers.

Recommended Action   Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-4-INVALID_MSG_TYPE: Invalid message type [int] received from AAA`

Explanation The system received a message from AAA with a type as logged in msglog. The system ignored the message.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-4-RCV_INVALID_EAPOL_PKT: Invalid EAPOL packet type [int] received from client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation An EAPOL packet with an unknown type was received from a client. The packet was ignored.

Recommended Action If the problem persists, try upgrading the client driver software or using different client software to isolate the cause. Also investigate possible intruder activity.

Error Message `%DOT1X-4-RCV_NULL_ARG: Empty message received from AAA`

Explanation An AAA message with no content was received. The message was ignored.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-4-RCV_SHORT_EAP_ATTR: Received short EAP Attribute for client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation An invalid EAP attribute was received from AAA and was ignored.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-4-RCV_UNKNOWN_AVP: Received unknown AVP ([int]/[int]) for client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

> **Explanation** An unknown attribute-value pair was received during EAP processing. The AVP was ignored.

> **Recommended Action** Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT1X-4-TRUNCATE_USERNAME: Truncated user name from [int] to [int] characters for client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

> **Explanation** The username supplied by a client was longer than permitted and has been truncated.

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

Error Message `%DOT1X-4-USER_MAX: Authentication rejected for user [chars] - max number of users ([int]) exceeded`

> **Explanation** User authentication failed because the maximum permitted number of users are already connected.

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

Error Message `%DOT1X-6-CCKM_UPDATE: CCKM association for [hex]:[hex]:[hex]:[hex]:[hex]:[hex] updated; parameter [chars], value [int]`

> **Explanation** A CCKM association parameter has been modified.

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

Error Message `%DOT1X-6-WARP_PARAM_UPDATE: WARP association for [hex]:[hex]:[hex]:[hex]:[hex]:[hex] updated; parameter [chars], value [int]`

> **Explanation** A WARP association parameter has been modified.

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

DOT3AD Messages

This section contains 802.3ad (DOT3AD) messages.

Error Message `%DOT3AD-3-FAIL_CONFIG_WRITE: Failed to store config file [chars] in nv store`

Explanation The system failed to store the configuration file in the NV storage.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT3AD-0-FAIL_DOT3AD_MSGQ: LAG: Unable to create msg queue for dot3ad lac task.`

Explanation LAG: The system is unable to create a message queue for the dot3ad lac task. The dot3ad subsystem is not initialized.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT3AD-0-FAIL_DOT3AD_SEM: Unable to create a dot3ad semaphore.`

Explanation The system is unable to initialize a dot3ad semaphore. The dot3ad subsystem is not initialized.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT3AD-3-FAIL_DOT3AD_REBOOT: LAG in transition..Swtich reboot DUE..!!`

Explanation A LAG is in transition. A switch reboot is due.

Recommended Action No action is required.

Error Message `%DOT3AD-3-FAIL_DOT3AD_SYSBUF: Out of System buffers.`

Explanation   The system is out of system buffers.

Recommended Action   Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT3AD-0-FAIL_LAC_CREATE: Failed to create dot3ad LAC task.`

Explanation   The system has failed to create the dot3ad LAC task. The dot3ad subsystem is not initialized.

Recommended Action   Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%DOT3AD-0-FAIL_LAC_INIT: Unable to initialize dot3ad lac task.`

Explanation   The system is unable to initialize the dot3ad lac task. The dot3ad subsystem is not initialized.

Recommended Action   Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Recommended Action