

AAA and ACL System Messages

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AAA Messages

This section contains authentication, authorization, and accounting (AAA) messages.

Error Message `%AAA-0-SELECT_CALL_FAILURE: TACACS server is not available for authentication, accounting and/or authorization.`

Explanation TACACS server is not available for authentication, accounting, and authorization.

Recommended Action Ensure that the TACACS server is available.

Error Message `%AAA-5-AAA_AUTH_ADMIN_USER: Authentication [chars] for admin user '[chars]'`

Explanation Authentication for an admin user.

Recommended Action No action is required.

Error Message `%AAA-5-AAA_AUTH_NETWORK_USER: Authentication [chars] for network user '[chars]'`

Explanation Authentication for a network user.

Recommended Action No action is required.

Error Message `AAA-0-AAA_REPEAT_REQUEST: Authentication request already queued. Attempt to requeue.`

Explanation An authentication request was already detected in the request queue. The system has attempted to queue the same request again.

Recommended Action No action is required.

Error Message `AAA-0-ARP_LOOKUP_FAIL: Default gateway ARP lookup failed.`

Explanation A default gateway ARP lookup has failed when sending a RADIUS request over a dynamic 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 `%AAA-4-ATTRITBUTE_LEN_EXCEED: ACL Name too long : [chars]`

Explanation The ACL name is too long.

Recommended Action No action is required.

Error Message `%AAA-4-AVP_CORRUPT: [dec]th AVP is corrupted. RADIUS msgtype=[dec]. Prev AVP=[dec]len=[dec] offset=[dec] numAVPs=[dec].`

Explanation An AVP is corrupted.

Recommended Action No action is required.

Error Message `AAA-0-BUFF_ALLOC_FAILED: Could not allocate a system buffer. %s.`

Explanation The system could not allocate a system buffer.

Recommended Action No action is required.

Error Message `%AAA-4-COMPUTE_AVP_SIZE_FAILED: Received bad AVP :[address] , Value Ptr =[address], Value Len=[dec].`

Explanation The system has received a bad AVP.

Recommended Action No action is required.

Error Message `%AAA-3-CONSTRUCT_UDP_RCV_SOCKET_FAILED: Could not construct UDP RCV socket. [chars].([dec]:[chars])`

Explanation The system could not construct a UDP RCV socket.

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 `%AAA-4-COPY_AVP_BLOCK_FAILED: Could not copy AVPs to block. [chars]`

Explanation The system could not copy the AVPs to the block.

Recommended Action No action is required.

Error Message `%AAA-6-CREATE_AVL_TREE: Creating AVL tree with [dec] entries`

Explanation The system has created an AVL tree with entries.

Recommended Action No action is required.

Error Message `%AAA-6-CREATE_CONFIG_FILE: Creating default aaaFile.cfg`

Explanation The system has created a default entity in the local database.

Recommended Action No action is required.

Error Message `%AAA-4-CREATE_RADIUS_MES_FAILED: Could not create RADIUS message. [chars]. numAVPs:[dec].`

Explanation The system could not create a RADIUS message.

Recommended Action No action is required.

Error Message `%AAA-3-CREATE_USR_TREE_FAILED: Could not create user AVL tree. Resason:[chars].`

Explanation The system could not create a user 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 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 `%AAA-6-DB_ADD_BLACKLIST_USR: Adding blacklist user '[chars]' to AAA database.`

Explanation The system has added a blocked list user to the AAA database.

Recommended Action No action is required.

Error Message `%AAA-6-DB_ADD_USER: Adding user '[chars]' to AAA database.`

Explanation The system has added a user to the AAA database.

Recommended Action No action is required.

Error Message `%AAA-3-DB_INIT_FAILED: Error [dec] initializing database module [chars].`

Explanation An error has occurred while initializing the database module.

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 `%AAA-3-DB_MODULE_INIT_FAILED: Could not initialize module [chars]. [chars].`

Explanation The system could not initialize a module.

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 `%AAA-3-DB_RECORD_ADD_FAILED: Could not add record to database. [chars].`

Explanation The system could not add a record to the 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 `%AAA-6-DELETE_CLIENT_ACCOUNT_DELETED: Delete client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]because user account ([chars]) has been deleted.`

Explanation The system deleted the specified client because the user account was deleted.

Recommended Action No action is required.

Error Message `%AAA-6-DELETE_CLIENT_GUEST_ACCOUNT_EXPIRE: Delete client [hex]:[hex]:[hex]:[hex]:[hex]:[hex]because guest user account ([chars]) is expired`

Explanation The system has deleted a client because a guest user account had expired.

Recommended Action No action is required.

Error Message `%AAA-3-EAPMETHOD_ADD_FAILED: Unable to add method '[chars]' to EAP profile for user '[chars]'. [chars].`

Explanation The system is unable to add a method to the EAP profile for the user.

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 `%AAA-3-EAPPROF_ADD_FAILED: Unable to add EAP profile for user '[chars]'. [chars].`

Explanation The system is unable to add an EAP profile for a particular user.

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 `%AAA-3-FREELIST_ADD_FAILED: Unable to add to free list. [chars].`

Explanation The system is unable to add to the free list.

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 `%AAA-3-FREELIST_DEL_FAILED: Unable to delete to free list. [chars].`

Explanation The system is unable to delete to the free list.

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 `%AAA-6-FUNC_RUNNING: Running [chars]...`

Explanation The system is running.

Recommended Action No action is required.

Error Message `%AAA-3-GET_GUEST_START_TIME_FAILED: Could not get start time for guest user record. [chars].`

Explanation The system could not get a start time for a guest user record.

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 `AAA-0-GET_MTU_FAIL: Unable to get MTU for Interface no:%d.`

Explanation The system has failed to get a maximum transmission unit (MTU) 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 `%AAA-4-GET_RADIUS_PROXYSTATE_FAILED: Could not get proxy state. [chars].`

Explanation The system could not get a proxy state.

Recommended Action No action is required.

Error Message `AAA-0-GET_SOCK_INFO_FAIL: Get sockname system call failed.`

Explanation The system has failed to get the source UDP port number.

Recommended Action No action is required.

Error Message `%AAA-6-GUEST_ACCOUNT_CREATE: Guest user account ([chars]) is created with lifetime ([dec]).`

Explanation A guest user account has been created.

Recommended Action No action is required.

Error Message `%AAA-6-GUEST_ACCOUNT_EXPIRE: Guest user account ([chars]) is expired`

Explanation A guest user account has been created.

Recommended Action No action is required.

Error Message `%AAA-3-GUEST_INFO_MALLOC_FAILED: Unable to allocate memory for guest account information of user [chars].`

Explanation The system is unable to allocate memory for guest account information.

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 `%AAA-4-GUESTACCT_TIMERSET_FAILED: Unable to set timer for guest accounts. [chars].`

Explanation The system is unable to set the timer for guest accounts.

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 `%AAA-4-GUESTUSER_DEL_FAILED: Unable to delete the user '[chars]'. [chars].`

Explanation The system is unable to delete the user from the database.

Recommended Action No action is required.

Error Message `%AAA-4-INVALID_AUTHENTICATOR: Unable to verify RADIUS message authenticator for mobile[hex]:[hex]:[hex]:[hex]:[hex]:[hex]. [chars]`

Explanation The system has detected an invalid RADIUS message authenticator for the mobile device.

Recommended Action No action is required.

Error Message `%AAA-4-INVALID_AUTH_REQ_TYPE: Invalid RADIUS authentication type [int] in AAA request`

Explanation The system has detected an invalid RADIUS authentication type in the AAA request.

Recommended Action No action is required.

Error Message `%AAA-4-INVALID_DATA_STRUCT: Could not validate the data structure - [chars].`

Explanation The system could not validate a data structure.

Recommended Action No action is required.

Error Message `%AAA-4-INVALID_MESSAGE_AUTHENTCATOR: Invalid message authenticator received in [chars] from[dec].[dec].[dec].[dec]`

Explanation The system has detected an invalid message authenticator.

Recommended Action No action is required.

Error Message `%AAA-4-INVALID_RADIUS_PKT_SIZE: RADIUS packet too small.`

Explanation A RADIUS packet is less than its minimum size.

Recommended Action No action is required.

Error Message `%AAA-3-INVALID_REQUEST: Invalid AAA request. [chars]`

Explanation The system has received an AAA request with a null or invalid payload.

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 `%AAA-4-INVALID_REQUEST_TYPE: Received an invalid request type.([hex]).`

Explanation The system has received an invalid request type that is not related to AAA or accounting.

Recommended Action No action is required.

Error Message `AAA-0-IP_FRAG_FAIL: IP fragmentation failed error code :%d.`

Explanation The system has failed to do an IP fragmentation.

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 `%AAA-3-LDAP_CONNECT_SERVER_FAILED: LDAP DB Task [[dec]]: Connect to server failed (retry [dec]), rc= [dec] ([chars])`

Explanation An LDAP DB task connect to the server has 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 `%AAA-3-LDAP_COPY_ATTR_FAILED: Could not copy attributes returned by LDAP server. [chars]. Max AVPs: [int]. Max Ints: [dec].`

Explanation The system could not copy attributes returned by the LDAP 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 `%AAA-4-LDAPMSG_SEND_FAILED: Could not send a message to LDAP task. [chars].`

Explanation The system could not send a message to the LDAP task.

Recommended Action No action is required.

Error Message `%AAA-3-LDAP_TASK_FAILED: The main LDAP task failed. [chars]. Index: [dec]. Type: [dec].`

Explanation The main LDAP task 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 `%AAA-3-LDAP_TIMER_CALLBACK_FAILED: Could not perform timer callback. [chars].`

Explanation The system could not perform a timer callback.

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 `%AAA-3-LIFETIME_SET_FAILED: Unable to reset the lifetime of [chars] account [chars] in localdatabase.`

Explanation The system is unable to reset the lifetime of an account in the local 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 `%AAA-4-LIFETIME_VALUE_CORRUPT: Corrupted value of lifetime for guest user [chars].`

Recommended Action The value of the lifetime for a guest user is corrupted.

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 `%AAA-3-MEM_ALLOC_FAILED: Error allocating [dec] bytes on stack for message. Aborting..`

Explanation An error has occurred when allocating memory off the stack for a message. The system is terminating.

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 `%AAA-4-MESSAGE_TYPE_UNKNOWN: Unable to send AAA request, Unknown message type :[dec]`

Explanation The system is unable to send an AAA request, because of an unknown message type.

Recommended Action No action is required.

Error Message `%AAA-4-MSCB_NOT_FOUND: Unable to find Mobile Station Entry for [hex]:[hex]:[hex]:[hex]:[hex]:[hex] .`

Explanation The system is unable to find the Mobile Station Entry.

Recommended Action No action is required.

Error Message `%AAA-4-MSG_RECV_FAILED: Failed to receive an incoming message. Error = [dec]:[chars].`

Explanation The system has failed to receive an incoming message.

Recommended Action No action is required.

Error Message `AAA-0-PDU_TRANSMIT_FAILED: Failed to transmit the PDU for the command %s.Return code:%d.`

Explanation The system has failed to transmit the RADIUS request, a protocol data unit (PDU), to the service class provider (SCP).

Recommended Action No action is required.

Error Message `%AAA-4-PROCESS_ACC_FAILED: The system could not process accounting type [hex]. [chars].`

Explanation The system could not process an accounting type.

Recommended Action No action is required.

Error Message `%AAA-4-PROC_PROXY_REQ_FAILED: Could not process proxy request. [chars]. RADIUSLength=[dec] , Transport Len =[dec], Message code=[dec].`

Explanation The system could not process a proxy request.

Recommended Action No action is required.

Error Message `%AAA-4-PROC_PROXY_RESP_FAILED: Could not process a proxy RADIUS response. [chars]. RADIUS Length=[dec], Transport Length=[dec], Message Code=[dec].`

Explanation The system could not process a RADIUS response.

Recommended Action No action is required.

Error Message `%AAA-4-PROC_RADIUS_RESP_FAILED: The system could not process RADIUS response. [chars]. ResponseLength: [dec], Server: [dec].[dec].[dec].[dec] , ID:[dec] , Mobile:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation The system could not process a RADIUS response.

Recommended Action No action is required.

Error Message `%AAA-3-PROXY_REQ_VALID_CRED_FAILED: Could not validate proxied request credentials. [chars].STA: [hex]:[hex]:[hex]:[hex]:[hex]:[hex]`

Explanation The system could not validate the proxy request credentials.

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 `AAA-0-AAA_PSTATS_NULL: For Radius server[%s] attempt to access pStats field which is NULL.`

Explanation The RADIUS server pStats attribute is encountered as 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 `%AAA-4-RADACCTSRVR_STATESET_FAILED: Unable to set state of RADIUS accounting server [dec] to [dec]. [chars].`

Explanation The system is unable to set the state of a particular RADIUS accounting server.

Recommended Action No action is required.

Error Message `%AAA-4-RADAUTHSRVR_STATESET_FAILED: Unable to set state of RADIUS authentication server [dec] to [dec]. [chars].`

Explanation The system is unable to set the state of a particular RADIUS authentication server.

Recommended Action No action is required.

Error Message `%AAA-4-RADCLIENT_NOT_FOUND: RADIUS client [int].[int].[int].[int] not found in client list.`

Explanation A RADIUS client is not found in the client list.

Recommended Action No action is required.

Error Message `%AAA-6-RADIUS_IN_GLOBAL_LIST: RADIUS server [int].[int].[int].[int]:[int] [chars] in global list`

Explanation A RADIUS server is in the global list.

Recommended Action No action is required.

Error Message `%AAA-4-RADIUSMSG_SEND_FAILED: Unable to send RADIUS message to [chars]([int].[int].[int].[int]):[int] (MAC:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]). Reason : [chars].`

Explanation The system is unable to send a RADIUS message to a specific host.

Recommended Action No action is required.

Error Message `%AAA-6-RADIUS_ON_WLAN: RADIUS server [int].[int].[int].[int]:[int] [chars] on WLAN [int]`

Explanation A RADIUS server is on a WLAN.

Recommended Action No action is required.

Error Message `%AAA-4-RADIUS_RESPONSE_FAILED: RADIUS server [int].[int].[int].[int]:[int] failed to respond to request(ID [int]) for STA [hex]:[hex]:[hex]:[hex]:[hex]:[hex] / user '[chars]'`

Explanation A RADIUS server failed to respond to a request for STA.

Recommended Action No action is required.

Error Message `%AAA-4-RADIUS_RES_TRUNC: Truncating RADIUS response from server at AVP code [dec] for message [dec]`

Explanation The system is truncating a RADIUS response from a server at the AVP code for a message.

Recommended Action No action is required.

Error Message `%AAA-4-RADSERVER_NOT_FOUND: Could not find appropriate RADIUS server for WLAN [dec] - [chars]`

Explanation Client authentication failed because a valid RADIUS server could not be found to service the request.

Recommended Action Verify the RADIUS server configuration and connectivity.

Error Message `%AAA-4-RCV_FROM_UNKNOWN_SERVER: Received a [chars] from unknown server [int].[int].[int].[int]:[int]`

Explanation The system has received a message from an unknown server.

Recommended Action No action is required.

Error Message `%AAA-4-RCV_FROM_WRONG_PRT: RADIUS msg received from wrong switchport, [dec], dropping`

Explanation A RADIUS message has been received from a wrong switchport, and the message is being dropped.

Recommended Action No action is required.

Error Message `%AAA-4-RCV_PKT_TO_RFC3576_PRT_FAILED: Received an unexpected [chars] from [dec].[dec].[dec].[dec]`

Explanation The system has received an unexpected message.

Recommended Action No action is required.

Error Message `AAA-0-RCV_WITH_WRONG_ENCAP: RADIUS msg with unexpected encapsulation, dropping.`

Explanation A RADIUS message was ignored because the encapsulation was invalid.

Recommended Action No action is required.

Error Message `%AAA-4-REBUILD_DEFAULT_CONFIG: Rebuilding the default configuration for '[chars]'`

Explanation The system is rebuilding the default configuration.

Recommended Action No action is required.

Error Message `%AAA-6-RECREATE_ADMIN_LOGIN: Recreating admin login.`

Explanation The system is recreating the default admin login.

Recommended Action No action is required.

Error Message `%AAA-6-RECREATE_ADMIN_USR: Recreated the admin user.`

Explanation The system created the admin user again on the local database.

Recommended Action No action is required.

Error Message `%AAA-4-RFC3576_REXMT_FAILED: Could not retransmit RFC-3576 message to [int].[int].[int].[int]:[int]. [chars].`

Explanation The system could not retransmit the RFC-3576 message to the host.

Recommended Action No action is required.

Error Message `%AAA-3-RFC_SOCKET_ERROR: RFC3576 socket error [dec] on socket [dec]`

Explanation An RFC-3576 socket error has occurred on a socket.

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 `%AAA-4-SEND_AAA_RESPONSE_FAILED: Could not send AAA response. [chars].`

Explanation The system could not send an AAA response.

Recommended Action No action is required.

Error Message `%AAA-4-SEND_RFC_RESPONSE_FAILED: Could not send RFC-3576 response. [chars].`

Explanation The system could not send the RFC-3576 response.

Recommended Action No action is required.

Error Message `%AAA-4-SEND_TPLUS_MES_FAILED: Could not send TACACS+ message. [chars].([dec]:[chars]).`

Explanation The system could not send a TACACS+ message.

Recommended Action No action is required.

Error Message `%AAA-4-SET_SERVER_FAILED: Could not set RADIUS server. [chars].`

Explanation The system could not set the RADIUS server.

Recommended Action No action is required.

Error Message `%AAA-4-SUPPLY_UNAME_PASS: Username & password must be supplied. User : [address], Pass: [address].`

Explanation The username and password must be supplied.

Recommended Action No action is required.

Error Message `%AAA-5-SYN_CALLBACK_FAILED: AAA Sync.Callback failed. [chars].`

Explanation The AAA Sync.Callback has failed.

Recommended Action No action is required.

Error Message `%AAA-3-TEST_NULL_FAILED: Unable to allocate memory off the stack.`

Explanation The system is unable to allocate memory off the stack for testing null attributes.

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

Error Message `%AAA-4-TPLUS_SERVER_NOT_FOUND: TACACS+ server not found. [chars]`

Explanation The TACACS+ server was not found.

Recommended Action No action is required.

Error Message `%AAA-4-TPLUS_SWITCHOVER_FAILED: TACACS+ server switchover failed. Current server is [dec].[dec].[dec].[dec].`

Explanation The TACACS+ server switchover has failed.

Recommended Action No action is required.

Error Message `%AAA-5-TPLUS_SWITCHOVER_SUCCESS: TACACS+ server switchover successful. New server is [dec].[dec].[dec].[dec].`

Explanation The TACACS+ server switchover is successful.

Recommended Action No action is required.

Error Message `%AAA-4-TRANSLATE_AAA_TO_RADIUS_FAILED: Could not translate AAA AVP to RADIUS AVP. [chars].Code=[dec], ValueLen=[dec], VendorId=[dec], Buf=[address], BufSize=[dec].`

Explanation The system could not translate the AAA AVP to the RADIUS AVP.

Recommended Action No action is required.

Error Message `AAA-0-TX_PKT_TOO_BIG: Radius Request Packet Being Sent via DTL too Big. Destination %u.%u.%u.%u. Max Len Supported for DTL %u. Actual Len being sent %u.`

Explanation A RADIUS request packet that was sent via the designated transit list (DTL) is too big.

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 `%AAA-4-TXQUEUE_ADD_FAILED: Transmission queue full. Queue name: [chars]. Dropping sessionpackets.`

Explanation When the transmission queue is full, the system drops the session packets.

Recommended Action No action is required.

Error Message `%AAA-3-UNAME_TOO_LONG: Username too long. Username: [int].`

Explanation The username is too long.

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 `%AAA-3-UPDATE_GUESTINFO_AT_LOGIN_FAILED: Unable to update guest user information at login for [chars]. [chars].`

Explanation The system is unable to update guest user information at the time of logging on.

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 `%AAA-3-UPDATE_GUESTINFO_AT_LOGOUT_FAILED: Unable to update guest user information at logout for [chars]. [chars].`

Explanation The system is unable to update guest user information at the time of logging out.

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 `%AAA-6-USER_AUTH_PASSED: User authenticated. Username: [chars].`

Explanation The user has been authenticated.

Recommended Action No action is required.

Error Message `%AAA-3-USER_CHAP_CHECK_FAILED: Could not check the CHAP challenge. [chars].UsernameLength:[int]. Username: [chars].`

Explanation The system could not check the CHAP challenge.

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 `%AAA-3-USERDBFILE_CREATE_FAILED: Unable to create user database file. [chars].`

Explanation The system is unable to create a user database 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 `%AAA-3-USERDBFILE_LOAD_FAILED: Unable to load user database file. [chars].`

Explanation The system is unable to load a user database 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 `%AAA-3-USER_DB_INIT_FAILED: User database not initialized.`

Explanation The user database 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 `%AAA-3-USER_NAME_INVALID: Invalid username provided. [chars].`

Explanation The system has detected an invalid username.

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 `%AAA-3-USER_PASS_CHECK_FAILED: Could not check password for user. [chars].UsernameLength: [dec]. Password Length:[dec].`

Explanation The system could not check the password for the user.

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 `%AAA-3-VALIDATE_MSCHAP2_CRED_FAILED: Could not validate credentials for proxied RADIUS. [chars]. STA : [hex]:[hex]:[hex]:[hex]:[hex]:[hex] (len [int])`

Explanation The system could not validate credentials for proxy RADIUS.

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 `%%AAA-3-VALIDATE_GUEST_SESSION_FAILED:`

Explanation This error message is logged in the message log file. The reason for this error message could be any of the following:

- User account entry not present
- User account not configured as guest
- User information not found
- Maximum guest user retries are exceeded

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.

ACL Messages

This section contains access control list (ACL) messages.

Error Message `%ACL-3-ACE_GET_FAILED: Failed to get ACE from ACL. [chars]`

Explanation The system is unable to get an access control entry from an access control list.

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 `%ACL-3-CONFIG_STORE_FAILED: Failed to store Acl Config to Flash [chars].`

Explanation The system failed to write the ACL configuration file onto the flash.

Recommended Action Try again. If it fails, reset the controller.

Error Message `%ACL-3-DB_LOCK_FAILED: Couldn't get exclusive access on the Acl database. [chars].`

Explanation All ACLs and their rules are placed in the ACL database. To change the precedence or a rule in the ACL, the table needs to be locked by obtaining a semaphore. This process is failing.

Recommended Action Try again. If it fails, reset the controller.

Error Message `%ACL-3-DB_UNLOCK_FAILED: Couldn't release exclusive access on the Acl database. [chars].`

Explanation Releasing the ACL Table semaphore to relinquish the exclusive access has failed.

Recommended Action Reset the controller.

Error Message `%ACL-3-ENTRY_CREATE_FAILED: Couldn't create ACL [chars]. [chars].`

Explanation The system could not create an ACL.

Recommended Action Try another ACL name or delete the old ACL to create a new ACL.

Error Message `%ACL-3-ENTRY_DELETE_FAILED: Failed to delete ACL Entry [chars]. [chars].`

Explanation The system has failed to delete the ACL entry.

Recommended Action Free the ACL from the CPU interface, other interface, or WLAN.

Error Message `%ACL-3-ENTRY_DONOT_EXIST: Unable to find an ACL by name "[chars]".`

Explanation The system is unable to get an access control list by name.

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 `%ACL-3-GET_FREE_ACL: Couldn't get an unused ACL. [chars].`

Explanation The system could not get an unused ACL.

Recommended Action Delete the old ACL to create a new ACL.

Error Message `%ACL-3-GET_NAME_BY_ID_FAILED: Couldnt get ACL name by ID. [chars].`

Explanation The system could not get an ACL name by the ID.

Recommended Action Provide the correct ACL ID.

Error Message `%ACL-3-IMPRULE_DEL_AVOIDED: Deleting the implicit deny rule [dec] of ACL [chars] is not allowed.`

Explanation Every ACL has an implicit deny-all rule that is always the last rule in the ACL (an ACL allows 64 rules). This rule cannot be deleted.

Recommended Action No action is required.

Error Message `%ACL-3-INFO_PUSH_FAILED: Failed to push CPU Acl info the NPU`

Explanation The system has failed to push CPU ACL information to the NPU.

Recommended Action Try again after some time. If it still fails, reset the controller.

Error Message `%ACL-3-INIT_FAILED: Failure in creating Acl Database. [chars].`

Explanation The system has failed to create the semaphore to protect the ACL database.

Recommended Action Reset the controller.

Error Message `%ACL-3-IPADD_TYPE_INCORRECT: Incorrect IP address type parameter of rule [dec] of ACL [chars]`

Explanation The IP addresses can only be source or destination addresses.

Recommended Action Try again. If it fails again, reset the controller.

Error Message `%ACL-3-LOAD_CONF_FAILED: Acl config is corrupted. Resetting Acl config to default.`

Explanation The ACL configuration file is corrupted.

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 `%ACL-3-RULE_ACTION_INVALID: Incorrect action [dec] to set for the rule [dec] of the ACL [chars].`

Explanation The action parameter of the rule of an ACL takes on the values of PERMIT or DENY. An error is displayed if the action is neither of the two values.

Recommended Action Set the action with either PERMIT or DENY.

Error Message `%ACL-3-RULE_CREATE_FAILED: Can not Add Rule [dec] to ACL [chars]. [chars].`

Explanation The system cannot add the rule to the ACL.

Recommended Action The maximum rule limit is achieved. Delete the old rule and create a new rule.

Error Message `%ACL-3-RULE_DONOT_EXIST: Unable to [chars] the rule no.[dec] in ACL [chars]. No such rule exist`

Explanation The system is unable to carry out the operation mentioned on the particular rule in the ACL because the rule does not exist.

Recommended Action Check whether the ACL name and the rule index are configured correctly.

Error Message `%ACL-3-RULE_PUSH_FAILED: Pushing rule [dec] of Acl [chars] to the Network Processor Failed.`

Explanation ACLs are applied in the Network Processor. They have to be pushed into the NPU. Pushing the rule of the ACL has failed.

Recommended Action Try again. If it fails, reset the controller.

Error Message `%ACL-3-SET_PORT_RANGE_FAILED: Set Port Range failed for rule [dec] of ACL [chars]. [chars].`

Explanation The Set Port Range failed for the type parameter for the ACL.

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 `%ACL-3-SET_RULE_DIR_FAILED: Incorrect direction parameter for the rule [dec] of the ACL [chars]`

Explanation The direction parameter of the rule of an ACL takes on the values IN, OUT, and ANY. This error is displayed if the direction is none of the three.

Recommended Action Set the direction to a valid value.