

Appendix A

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Introduction

This appendix contains a complete list, in numeric order, of all router messages, and their descriptions.

The general format of router messages is:

Severity (message-number) : Message-text.

where:

- *Severity* is the severity level of the message and is one of the following words:
 - Info** — the operation was successful and the message contains information.
 - Warning** — the operation was successful but some warning is required.
 - Error** — the operation was not successful.
- *message-number* is the message number, which uniquely identifies the message.
- *Message-text* is the text of the message, which may include variable parts.

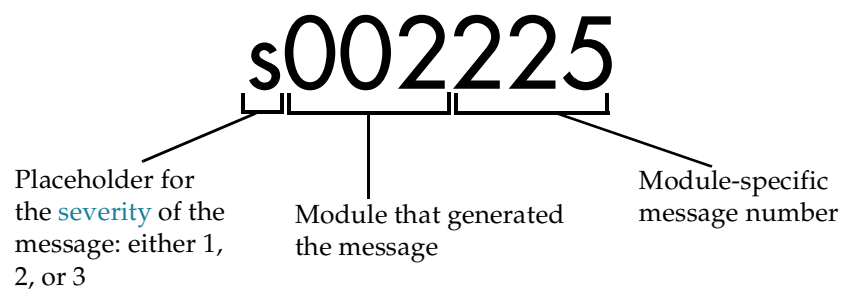
The message number is formatted as:

smmmnnn

where:

- *s* is a single decimal digit representing the severity level of the message and is either 1 (Info), 2 (Warning), or 3 (Error).
- *mmm* is a three-digit decimal number representing the module that generated the message.
- *nnn* is a three-digit decimal number representing the module-specific message number.

Figure A-1: Message number format.



Message Descriptions

smmm001–smmm255: Global Messages

smmm000: Parameter <string> seen twice

While parsing a command, the specified parameter was seen twice, but may be specified only once. Re-enter the command with the parameter only once.

smmm001: Internal error

While processing a command, an internal error was detected. This should be reported to your authorised distributor or reseller.

smmm002: Specified interface is not defined

The interface specified in the command is not currently defined. Either define the interface and then re-enter the command, or re-enter the command with another interface that is defined.

smmm003: Operation successful

The command just entered was executed successfully.

smmm004: Invalid interface

The interface specified in the command is invalid.

smmm005: No value allowed on parameter <string>

A value was given for the specified parameter, but the parameter does not accept values. Re-enter the command and without a value for the parameter.

smmm006: Syntax error, <string>

A syntax error was detected while parsing a parameter. The type of error is displayed. Re-enter the command with the correct syntax.

smmm007: Unexpected end of line

The end of the command line was reached before the command processor expected it. A parameter or parameters may be missing. Re-enter the command with the correct parameters.

smmm008: Extra parameters on command line

The command handler found more parameters on the command line than expected. Re-enter the command with the correct number and combination of parameters.

smmm009: Internal error: <number>

The command handler detected an internal error. Report this message to your dealer, along with the number in the message, the release of software being run and the command line as entered.

smmm010: Value missing on parameter <string>

The parameter specified requires a value. Either the parameter has been entered incorrectly or the value required has not been entered. Re-enter the command correctly.

smmm011: Value not allowed on parameter <string>

The parameter specified may not have a value associated with it. Either the parameter has been entered incorrectly or a value has been given incorrectly. Re-enter the command correctly.

smmm012: Parameter "<string>" not recognised

The string in quotes was not recognised as a parameter for this command. Either an invalid parameter was entered or the parameter was spelt incorrectly. Re-enter the command with the correct parameter or the correct spelling.

smmm013: Privilege violation on parameter <string>

The parameter specified requires a higher privilege than that currently assigned to the terminal where the command was entered. Either login to the router with a user name that has a higher privilege (for example, Manager), or re-enter the command without the parameter.

smmm014: Privilege violation on parameter "<string>"

The parameter specified requires a higher privilege than that currently assigned to the terminal where the command was entered. Either login to the router with a user name that has a higher privilege (for example, Manager), or re-enter the command without the parameter.

smmm015: Parameter <string>, invalid decimal integer "<string>"

The parameter specified accepts a value expressed as a decimal integer but the value entered was not recognised as such. Re-enter the command with a valid decimal integer as the value of this parameter.

smmm016: Parameter <string>, value too low; minimum is <number>

The value entered for the specified parameter is too low. The minimum allowable value is displayed. Re-enter the command with a new value within the allowed range.

smmm017: Parameter <string>, value too high; maximum is <number>

The value entered for the specified parameter is too high. The maximum allowable value is displayed. Re-enter the command with a new value within the allowed range.

smmm018: Parameter <string>, invalid HEX integer "<string>"

The parameter specified accepts a value expressed as a HEX integer but the value entered was not recognised as such. Re-enter the command with a valid HEX integer as the value of this parameter.

smmm019: Parameter <string>, value too low; minimum is <hexnum>

The value entered for the specified parameter is too low. The minimum allowable value is displayed. Re-enter the command with a new value within the allowed range.

smmm020: Parameter <string>, value too high; maximum is <hexnum>

The value entered for the specified parameter is too high. The maximum allowable value is displayed. Re-enter the command with a new value within the allowed range.

smmm021: Parameter <string>, string too short; minimum length is <number>

The string entered for the specified parameter is too short. The minimum length is displayed. Re-enter the command with a string within the allowable length limits.

smmm022: Parameter <string>, string too long; maximum length is <number>

The string entered for the specified parameter is too long. The maximum length is displayed. Re-enter the command with a string within the allowable length limits.

smmm023: Parameter <string>, string contains invalid character "<char>"
The specified parameter was entered with a string value that contains an invalid character. Re-enter the command with only valid characters in the string.

smmm024: Parameter <string>, invalid Ethernet address "<string>"
The specified parameter accepts a value that is an Ethernet address but the value entered was ill-formed or illegal. Re-enter the command with a valid Ethernet address for this parameter.

smmm025: Parameter <string>, invalid IP address or netmask "<string>"
The specified parameter accepts a value that is an IP address or an IP network mask but the value entered was ill-formed or illegal. Re-enter the command with a valid IP address or network mask for this parameter.

smmm026: Parameter <string>, invalid IPX network "<string>"
The specified parameter accepts a value that is an IPX network but the value entered was ill-formed or illegal. Re-enter the command with a valid IPX network for this parameter.

smmm027: Parameter <string>, invalid X.121 address "<string>"
The specified parameter accepts a value that is an X.121 address but the value entered was ill-formed or illegal. Re-enter the command with a valid X.121 address for this parameter.

smmm028: Parameter <string>, invalid DECnet address "<string>"
The specified parameter accepts a value that is a DECnet address but the value entered was ill-formed or illegal. Re-enter the command with a valid DECnet address for this parameter.

smmm029: Parameter <string>, not a single character
The specified parameter accepts a value that is a single character, but more than one character was entered. Re-enter the command with a single character for this parameter.

smmm030: Parameter <string>, invalid character "<char>"
The specified parameter accepts a value that is a single character, but the character entered is invalid. Re-enter the command with a valid character for this parameter.

smmm031: Parameter <string>, value "<string>" unrecognised
The value entered for the specified parameter was unrecognised. Re-enter the command with a value that is recognised for this parameter.

smmm032: Parameter <string>, privilege violation on value <string>
The value entered for the specified parameter was recognised, but the privilege level of the terminal where the command was entered was not high enough for the value. Re-enter the command with a value that is the correct privilege or set the privilege level high enough for the value.

smmm033: Parameter <string>, invalid value or decimal integer "<string>"
The specified parameter accepts a value that is a well-known value or a decimal integer, but neither was recognised.

smmm034: Parameter <string>, invalid network:station:socket
The specified parameter accepts a value that is an IPX network:station:socket parameter, but the value entered is ill-formed in some way. Re-enter the command with network:station:socket in the correct format.

smmm035: Parameter <string>, station not allowed

The specified parameter accepts a value that is an IPX network, but a station address has been found in the value entered. Re-enter the command without a station or socket.

smmm036: Parameter <string>, socket not allowed

The specified parameter accepts a value that is an IPX network:station, but a socket has been found in the value entered. Re-enter the command without a socket.

smmm037: Parameter <string>, station missing

The specified parameter requires a station to be entered as part of the value. The station has not been found when parsing the parameter. Re-enter the command and specify the station.

smmm038: Parameter <string>, socket missing

The specified parameter requires a socket to be entered as part of the value. The socket has not been found when parsing the parameter. Re-enter the command and specify the socket.

smmm039: Parameter <string>, invalid value or HEX integer "<string>"

The specified parameter accepts a value that is either a well-known value or a HEX integer, but neither was recognised.

smmm040: Parameter <string>, invalid value, IP address or netmask "<string>"

The specified parameter accepts a value that is either a well-known value, an IP address or an IP network mask, but none of these options was recognised.

smmm041: Parameter <string>, <string>, module doesn't support interface

The interface specified is of a type not supported by the module you are trying to use it with.

smmm042: Parameter <string>, invalid value or DECnet address "<string>"

The specified parameter accepts a value that is either a well-known value or DECnet address, but neither was recognised.

smmm043: Parameter <string>, two range separators seen

In entering a range of values for the specified parameter, two range separators (the character that comes between the two values) were seen. Re-enter the command with only one range separator.

smmm044: Parameter <string>, <string> end of range not defined

A range of values was entered for the specified parameter, but the lower or upper (given) end of the range was specified by not supplying a value. This is not valid for the given end of the range. Re-enter the command, but specify the end of the range.

smmm045: <module> - module is now disabled

The given module has now been disabled. This message is produced as the result of a PURGE <module> command.

smmm046: Parameters <string> mutually exclusive

The parameters in the error message are mutually exclusive; that is, they cannot be entered in the same command. Re-enter the command leaving one or more parameters off.

smmm047: Parameter <string> requires parameter(s) <string>

The first parameter in the message was present in the command, but requires the presence of one or more other parameters, also given in the message. Re-enter the command with all required parameters.

smmm048: Parameter <string>, invalid separator "<string>"

The given parameter had an invalid separator in it. The invalid separator is given. Possible separators are =, !=, >, >=, < and <=, but not all of these are valid for every parameter. Re-enter the command with a valid separator for the parameter.

smmm049: The <module> module is not enabled

The specified module is not enabled, so the operation cannot be carried out. Some modules in the router require that the module be enabled before they can be configured. Re-enter the command after enabling the module.

smmm050: The <module> module has been reset

The specified module has been reset due to a RESET <module> command.

smmm051: The <module> module has been purged

The specified module has been purged due to a PURGE <module> command. All configuration for the module has been lost.

smmm052: The <module> module has been enabled

The specified module has been enabled. Operations with this module can now proceed. In many cases the module must be enabled in order to configure it.

smmm053: The <module> module has been disabled

The specified module has been disabled. Operations with this module have ceased.

smmm054: The <module> module is already enabled

An attempt to enable the module was made, but the module is already enabled. The command was redundant.

smmm055: The <module> module is already disabled

An attempt to disable the module was made, but the module is already disabled. The command was redundant.

smmm056: <string> has been disabled

A particular specified feature in the router has been disabled. This is an informational message.

smmm057: <string> has been enabled

A particular specified feature in the router has been enabled. This is an informational message.

smmm058: No <string> currently available or configured

There are none of the specified objects available or configured, so nothing to display. This is an informational/warning message.

smmm059: Parameter <string> required but not seen in command line

The given parameter was required in the command, but was not seen. Re-enter the command with the required parameter included.

smmm060: Nothing to display

The SHOW command just entered resulted in no output. What was being showed does not exist, or has not been configured.

smmm061: <string> not found

The specified object was not found. Re-enter the command with an object that exists.

smmm062: <string> <string> not found

The specific object of a name or number was not found. Re-enter the command with an object that exists.

smmm063: <string> already exists

The specific object already exists. Re-enter the command with an object that does not exist.

smmm064: Router is in secure mode. Command needs Security Officer privilege

The command requires a Security Officer privilege to be assigned to the terminal where the command was entered. Login to the router with a user name that has Security Officer privilege.

smmm065: Security Officer privilege timed out on command <string>. Please re-login

The command requires a Security Officer privilege and it has been more than ten minutes since a Security Officer privilege command was entered. Login again to regain Security Officer privilege.

smmm066: Parameter <string> has bad syntax

The parameter specified has been entered with incorrect syntax. The command must be re-entered with the parameter entered with correct syntax. This message is reserved for parameters with complex syntax to cover syntax problems found in parsing the parameter.

smmm067: Parameter <string>, missing a number

A number was expected by the parsing routine but another character was found instead. Check the format of the number list and re-enter the command with a valid number list.

smmm068: Parameter <string>, contains an invalid number

A number of more than the maximum has been specified. Re-enter the command and specify only numbers between 1 and the maximum.

smmm069: Parameter <string>, contains an invalid character

An invalid character has been found by the number list parsing routine. Re-enter the command with a valid number list.

smmm070: Parameter <string>, contains an invalid range

A number range with invalid bounds has been specified. Re-enter the command and specify valid bounds for each number range.

smmm071: Parameter <string>, a number is specified twice

A number has been specified in more than one number list entry. Re-enter the command and make sure each number is only specified once.

smmm072: Module specific trigger error: <string>

An error was detected attempting to define a module specific trigger. Re-enter the trigger command with correct parameters for that module specific trigger.

smmm073: A feature license is required to enable <string>

A feature licence is required to enable a given module or feature. A feature licence can be obtained from your authorised distributor or reseller.

smmm074: Parameter <string>, value too low; minimum is -<number>

The value entered for the specified parameter is too low. The minimum allowable negative value is displayed. Re-enter the command with a new value within the allowed range.

smmm075: Parameter <string>, value too high; maximum is -<number>

The value entered for the specified parameter is too high. The maximum allowable negative value is displayed. Re-enter the command with a new value within the allowed range.

smmm076: Parameter <string>, invalid decimal integer "-<string>"

The parameter specified accepts a value expressed as a decimal number but the value entered was not recognised as such. Re-enter the command with a valid decimal number as the value of this parameter.

smmm077: Parameter <string>, invalid IPv4/CIDR value

An error was detected in parsing for IPv4/CIDR format (A.B.C.D/M). Not related to range checking. A.B.C.D/M are digits (0-9).

smmm078: <string> module unavailable on this product

The specified software is not supported on this product.

smmm079: <string> unavailable on this product

The specified feature is not supported on this product.

smmm080: Parameter <string>, value has been rounded to <number>

The value entered for the specified parameter has been rounded to the specified positive value.

smmm081: Parameter <string>, value has been rounded to -<number>

The value entered for the specified parameter has been rounded to the specified negative value.

smmm082: parameter <string>, SYSR busy, try when transfer complete

SYSR module is currently transferring files to its' peer, therefore the current operation could not be completed.

smmm083: parameter <string>, cannot execute command on SLAVE

Command of this type cannot be executed on the Slave card of a SwitchBlade.

smmm084: parameter <string>, invalid value or IPv6 address

Invalid value given for an IPv6 IP address.

smmm085: parameter <string>, the specified port(s) is already disabled

The port specified has already been disabled.

smmm086: parameter <string>, value does not require value

Parameter 1 does not require parameter(s) 2. Parameter(s) 2 is ignored and the command proceeds.

smmm087: parameter <string>, invalid value or data quantity "-<string>"

Invalid value given for Data Rate or Quantity. Ensure the syntax and spelling of the specified value is correct.

smmm088: parameter <string>, value too low; minimum is <metric>

The value entered for the specified parameter is too low. The minimum allowable value is displayed. Re-enter the command with a new value within the permissible range.

smmm089: parameter <string>,value too high; maximum is <metric>

The value entered for the specified parameter is too high. The maximum allowable value is displayed. Re-enter the command with a new value within the permissible range.

smmm090: Command unavailable on this product

The specified command, although available in this release, is not supported on this product.

smmm091: Parameters <string> and <string> required but not seen in command line

The specified parameters are required, but were not seen in the command. Re-enter the command with the required parameters included.

smmm092: Parameters <string> and <string> are mutually exclusive

The specified parameters are mutually exclusive and cannot be entered in the same command. Re-enter the command with only one of the parameters.

smmm093: <string> already used <string>

The specified parameter specified is already being used, and for the reason specified cannot be used with this command.

smmm094: Command requires hostid: prefix when stacking enabled

A command was entered that requires a host ID prefix when stacking is enabled. Re-enter the command, specifying the intended target host(s).

smmm095: The value of <string> is not within the range of <number> and <number>

The value entered for the specified parameter is outside the acceptable range. Re-enter the command, specifying a legal value for the parameter.

smmm096: <string> is already set to <string>

The specified parameter has already been set to the specified value. No action is required.

smmm097: Command not applicable to this host

A command was entered that is not applicable to the device identified by the host ID, probably because the device does not support the feature. Check that the correct host ID was entered. The host ID is used to uniquely identify a device for device management.

smmm098: Command <string> requires Stacking disabled

The specified command is valid only when stacking is disabled, but stacking is currently enabled. Disable stacking or use a different command.

smmm099: Command <string> requires Stacking enabled

The specified command is valid only when stacking is enabled, but stacking is currently disabled. Enable stacking.

smmm100: Command requires single-hostid prefix

The command entered must specify the intended host(s) when stacking is enabled.

smmm101: Interface, <value>, already has an attachment for <string>

The specified interface already has a protocol attached that will receive packets of the specified type.

smmm102: Command is local, do not use host direction

The command is local, do not use the host directed command.

smmm103: Parameter <string> value cannot be <string> when <string> has value <string>

The value of a parameter in the command is incompatible with either the value of another parameter in the command or a parameter specified previously.

smmm104: The local interface <number> does not exist

The local interface does not exist.

smmm105: Parameter <string>, invalid combination

The combination of values used on %s is invalid

smmm106: Parameter <string>, <string> value ignored

A value has been entered which does not cause an error but should not be processed, and is ignored.

smmm107: Command <string> is no longer available. Please use <string> instead

The command entered is no longer available. Use a newer command.

smmm108: <string> requires the <string> feature to be enabled

A command or feature specified first requires another feature to be enabled.

smmm109: Parameter <string>, value seen twice

A value has been entered twice (at least) for parameter %s.

smmm110: The <string> feature is already enabled

An attempt to enable the feature was made, but the feature was already enabled. The command was redundant.

smmm111: The <string> feature is already disabled

An attempt to disable the feature was made, but the feature was already disabled. The command was redundant.

s002256–s002999: Frame Relay

s002256: Parameter <string>, invalid interface <string>

The specified parameter should represent a valid interface on which Frame Relay can run but doesn't. Re-enter the command with a valid interface for the parameter.

s002257: Invalid value for parameter <string>

The value entered for the specified parameter is invalid. Check the Software Reference for valid values for the parameter and re-enter the command with a correct value.

s002258: Parameter <string> required but not seen in command line

The specified parameter is required but has not been seen in the command line. Re-enter the command and include the missing parameter.

s002259: Specified Frame Relay interface already exists

The specified Frame Relay interface already exists, so it cannot be created again. Re-enter the command and specify an interface that does not already exist.

s002260: Frame Relay configuration problem - <string>

There was a problem with the non-current Frame Relay configuration stored in RAM. The problem is specified in the message. The configuration for the Frame Relay interface may have to be purged and re-entered.

s002261: Specified Frame Relay interface does not exist

The specified Frame Relay interface does not exist, so it cannot be altered or destroyed. Re-enter the command with an interface that does exist.

s002262: Specified Frame Relay static DLC already exists

The Frame Relay static circuit specified already exists for the specified interface. The command is redundant, although the incorrect interface may have been entered.

s002263: Frame Relay action not allowed when LMI is ON: <string>

The Frame Relay static circuit takes effect when the LMI is turned off for the specified interface. This is an informative message only.

s002264: Changes will take effect when Frame Relay interface is reset

The command entered requires a reset of the Frame Relay interface before it takes effect. This is an informative message only.

s002265: Specified Frame Relay DLC does not exist

The Frame Relay circuit specified in the command does not exist so it cannot be altered or deleted. Re-enter the command with a circuit that exists.

s002266: Frame Relay DLC is disabled

The Frame Relay circuit specified is disabled, so it cannot be reset. The command is redundant or the wrong circuit has been specified.

s002267: Frame Relay interface is disabled

The Frame Relay interface specified is disabled, so it cannot be reset. The command is redundant or the wrong interface has been specified.

s002268: Error resetting Frame Relay <string>

There was an error resetting the Frame Relay entity specified. This is an internal error that should be reported to your agent.

s002269: Frame Relay <string> is already enabled

The Frame Relay entity (circuit or interface) being enabled is already enabled. The command is redundant, unless the wrong circuit or interface was specified.

s002270: Frame Relay <string> is already disabled

The Frame Relay entity (circuit or interface) being disabled is already disabled. The command is redundant, unless the wrong circuit or interface was specified.

s002271: Values for NN2 and NN3 are inconsistent with each other

The values of parameters NN2 and NN3 are related in that NN2 must be less than or equal to NN3. This is not the case as a result for the command just entered. Re-enter the command keeping the required relationship between NN2 and NN3.

s002272: Value not supported for parameter <string>

The specified parameter cannot accept the value entered because it is not supported in the current implementation of Frame Relay. Re-enter the command giving the parameter a supported value.

s002273: No Frame Relay interfaces found

There were no Frame Relay interfaces found. This is an informative message for the SHOW FR commands.

s002274: Only one parameter allowed

Only one parameter can be specified at a time. Re-enter the command with only one parameter.

s002275: Command had no effect

The command entered had no effect. Check parameters.

s002276: A circuit configuration entry exists for a circuit not created

All circuits stored in non-current should correspond to a circuit structure in RAM.

s002277: Error creating Frame Relay interface

There was an error creating the Frame Relay interface specified. This is an internal error that should be reported to your agent.

s002278: Frame Relay action not allowed when LMI is OFF: <string>

The Frame Relay static circuit takes effect when the LMI is turned off for the specified interface. This is an informative message only.

s002279: Specified LI already exists

An attempt was made to add a Frame Relay logical interface that already exists. Re-enter the command with a logical interfaces that does not exist.

s002280: Specified LI does not exist

The Frame Relay logical interface specified in the command does not exist so it cannot be altered or deleted. Re-enter the command with a logical interface that does exist.

s002281: Cannot <string> when users are <string>

An attempt was made to destroy a Frame Relay interface when users were still attached or to delete a logical interface when users were specifically attached to that logical interface.

s002282: <string> parameter not valid with <string> parameter

Two parameter have been entered that are not valid together.

s002283: Specified port does not exist

The specified port does not exist. Re-enter the command with a valid port.

s002284: Specified <string> debug mode is not defined

An attempt was made to enable or disable a debug mode that has not been defined.

s002285: Cannot modify the LMI DLC

An attempt was made to modify the LMI DLC. This is not possible.

s002286: Can only have one DLC associated with a PTP LI

An attempt has been made to add more than one DLC to a PTP LI. Only NBMA LIs can have more than one DLC.

s002287: Frame Relay DLCI specified already exists for Frame Relay <number>

The DLCI specified when creating a new Frame Relay interface already exists on a Frame Relay interface on this router.

s002288: Frame Relay DLC added is the DLC for this interface

The circuit being added for a Frame Relay interface is the DLCI for this Frame Relay interface, a situation that is not allowable.

s002289: <string> is already in use

An attempt was made to configure a Frame Relay interface over an interface that is already being used.

s002288: <string> does not exist

An attempt was made to configure a Frame Relay interface over an interface that does not exist.

s002288: <string> exceeds link bandwidth of <number> bps

The transmit rate (CIR, EIR, or CIR + EIR) exceeds that of the maximum for the lower layer interface.

s003256–s003999: Point-to-Point Protocol**s003256: Parameter <string>, invalid interface <string>**

The specified parameter should represent a valid interface on which PPP can run but doesn't. Re-enter the command with a valid interface for the parameter.

s003257: Specified PPP interface already exists

The specified PPP interface already exists, so it cannot be created again. Re-enter the command and specify an interface that does not already exist.

s003258: Parameter <string>, too long

The username or password parameters have a maximum length of 15 characters. Re-enter the command with a shorter username or password.

s003259: Specified PPP interface does not exist

The specified PPP interface does not exist, so it cannot be altered or destroyed. Re-enter the command with an interface that does exist.

s003260: OVER parameter required with this command

The OVER parameter is required with this command. Re-enter the command with the OVER parameter and specify a lower layer interface.

s003261: <string> parameter not allowed with this lower layer interface type

The parameter is only valid when the lower layer interface is an ISDN call.

s003262: PPP NVS problem - <string>

There was a problem with the PPP configuration stored in NVS. The problem is specified in the message. The configuration for the PPP interface may have to be purged and re-entered.

s003263: Lower layer interface not found

The lower layer interface specified in the OVER parameter cannot be found. Check that the interface exists.

s003264: OVER parameter required with these parameters

The OVER parameter is required with at least one of the specified parameters in the command. Refer to the Software Reference for the parameters to which this applies.

s003265: Only one parameter allowed.

Only one parameter can be specified at a time. Re-enter the command with only one parameter.

s003266: No PPP interfaces found

For SHOW commands, there were no PPP interfaces so no information can be displayed.

s003267: Cannot perform this operation on a dynamic interface

The PPP interface was created dynamically and therefore the ADD and DELETE operations cannot be performed on it.

s003268: <string> <string> is already in use

An attempt was made to configure a PPP interface over an interface that is already being used.

s003269: <string> <string> does not exist

An attempt was made to configure a PPP interface over an interface that does not exist.

s003270: The NUMBER parameter is only valid for ISDN calls

The NUMBER parameter was used in a DELETE command for an interface other than an ISDN call. The NUMBER parameter only applies to ISDN calls.

s003271: The link is not a <string> link

The specified link is not of the type specified in the command.

s003272: <string> parameter requires COMPRESSION set to <string>

The COMPALGORITHM or STACCHECK parameters have been specified without the COMPRESSION parameter set to ON or LINK.

s003273: Can only set <string> when <string> is set to <string>

An attempt was made to set the COMPALGORITHM or STACCHECK parameters when neither interface compression nor link compression were on.

s003274: Parameter COMPRESSION, value "on" unrecognised

The COMPRESSION parameter was set to ON in an ADD command.

s003275: The STARENTITY parameter is required for encryption

The ENCRYPTION parameter was set to ON but the STARENTITY parameter was not provided.

s003276: TDM group <string> has no slots configured

An attempt was made to create a PPP interface over a TDM group that has no slots configured.

s003277: Multilink is not active

An attempt was made to show the multilink counters when multilink is not active.

s003278: Interface compression is on

An attempt was made to set link compression when interface compression is on. Need to set interface compression off before setting link compression.

s003279: There is no ENCO engine

An attempt was made to enable encryption with no ENCO engine installed.

s003280: Star entity <number> does not exist

An attempt was made to configure encryption with a nonexistent star entity.

s003281: Callback <string> to set <string>

An attempt was made to set a callback parameter while in the wrong callback mode.

s003282: Authentication must be enabled when accepting callback

An attempt was made to set the callback mode to ACCEPT when authentication was not enabled.

**s003283: CBNUMBER parameter needed with callback operation
E164NUMBER**

An attempt was made to set the callback operation to E164NUMBER without a callback number being defined.

s003284: Incompatible parameters present

An attempt was made to set a global PPP parameter and an interface parameter as part of the same command.

s003285: Value missing on parameter PPP

An attempt was made to set a parameter that requires a specific PPP value but none was specified.

s003286: Parameter <string> required

A required parameter was not specified.

s003287: Cannot destroy an interface when a user is attached

An attempt was made to destroy a PPP interface that has a user module attached. Delete the attached user instance and try again.

s003288: No LCPs are associated with this interface

The interface has no LCPs configured.

**s003289: Some interfaces and/or templates not destroyed because users
are attached**

Some of the PPP interfaces and/or templates were not destroyed during the purge because they had user modules attached. Delete the attached user instances and try again.

s003290: Value not allowed on parameter <string>

A value was specified on the parameter when a value was not allowed.

**s003294: PPP template <number> has users attached, so cannot be
destroyed**

The given PPP template has users attached, so cannot be destroyed. All users attached to this template have to be detached before the template can be destroyed.

s003295: Specified PPP interface already enabled

A command has been given to enable a PPP interface but the interface is already enabled.

s003296: Specified PPP interface already disabled

A command has been given to disable a PPP interface but the interface is already disabled.

s003297: Cannot enable Access Concentrator while PPPoE hosts exist

A command has been given to put the router in PPPoE Access Concentrator mode but there are PPPoE host interfaces.

s003298: Access Concentrator mode already enabled

A command has been given to put the router in PPPoE Access Concentrator mode but the router is already in Access Concentrator mode.

s003299: Access Concentrator mode already disabled

A command has been given to disable PPPoE Access Concentrator mode but it already is disabled.

s003300: Cannot create PPPoE host interfaces in Access Concentrator mode

A command has been given to create a PPPoE host interface but the router is in Access Concentrator mode so hosts are not allowed.

s003301: Cannot disable Access Concentrator mode while there are PPPoE interfaces

A command has been given to disable PPPoE Access Concentrator mode but there are active PPPoE interfaces.

s003302: Unable to add new AC service

The attempt to allocate memory for a new PPPoE AC service failed.

s003303: Cannot delete an AC service while it is in use

A command has been issued to delete an AC service while that service name is being used by a PPPoE interface. This is not permitted.

s003304: Parameter RESETVALUE not allow when RESETPERIOD is <string>

The RESETVALUE parameter has been specified when RESETPERIOD is DAILY or NONE. RESETVALUE is only valid when RESETPERIOD is MONTHLY or WEEKLY.

s003305: Parameters MINFEE, MINTIME, INCFEE and INCTIME must all be set

All the charge management parameters must be set before Charge Management can be activated.

s003306: COMP over a L2TP call is not possible

A command has been issued to enable compression over a L2TP virtual call. This is not permitted.

s003307: Enabling FRAG on a PPP link with COMP or ENCRYPTION is not supported

A command has been issued to enable compression or encryption on a link that has fragmentation enabled. This is not permitted.

s003308: ISDN call <string> does not exist

A command has been issued to create a PPP link over a non-existent call. This is permitted but generates a warning message.

s003309: <string> has been set lower than <string>, this may cause the charge limit to be exceeded

A command has been issued that attempts to set either MINTIME or INCTIME lower than OFFSETTIME. This causes the accumulated charge to exceed the charge limit by one MINFEE or INCFEE. This message is to warn the user so that they may change the setting if so desired.

s003310: Cannot perform this operation on a static interface

The PPP interface was created statically so some operations cannot be performed on it.

s003311: Not enough free memory to create another PPP interface

The router cannot create more PPP interfaces due to limited memory.

s004256–s004999: AppleTalk**s004256: There are no AppleTalk ports**

There are no AppleTalk ports.

s004257: AppleTalk port does not exist

The specified AppleTalk port does not exist.

s004258: Only one reset parameter is allowed

Only one reset parameter is allowed. Re-enter the command with only one reset parameter.

s004259: Interface parameter required

The interface parameter is required. Re-enter the command with an interface.

s004260: Port table full

The maximum number of ports that can be configured has been exceeded. Delete a port that is not needed to add a new one.

s004261: NVS problem

An error occurred when reading or writing the NVS. Check that the NVS is not full.

s004262: A port with this Interface already exists

An AppleTalk port exists that uses the interface.

s004263: Zone name too long

An AppleTalk zone name is a maximum of 32 characters long.

s004264: The PORT parameter is required

The PORT parameter is required for this command.

s004265: The zone is already in use on the port

The port already has this zone in its zone list.

s004266: Too many zones for the port

There can be only 255 zones for a port, and that limit has been reached.

s004267: The zone name isn't used by the port, or it's not a static zone

The zone name isn't in the zone list for the port.

s004268: There are no zones in the zone table

There are no zones configured for any ports and no zones have been discovered.

s004269: There are no AppleTalk ports with DLCIs

There are no AppleTalk ports configured on this router that can use DLCIs, i.e. there are no AppleTalk ports using Frame Relay interfaces.

s004270: Port's interface type not valid for DLCI

The port specified has an interface type for which the concept of DLCIs is not valid, i.e. the port is not on a Frame Relay interface. Re-enter the command and specify the correct port.

s004271: DLCI already allowed for this port

The DLCI specified in the command is already allowed for the given port. Re-enter the command with a DLCI that is not already allowed.

s004272: DLCI already disallowed for this port

The DLCI specified in the command is disallowed for the given port. Re-enter the command with a DLCI that is currently allowed.

s004273: Port's interface not valid for MIOX circuit

The port specified has an interface type for which the concept of a MIOX circuit is not valid, i.e. the port is not on an X25T interface. Re-enter the command and specify the correct port.

s004274: The specified circuit has been defined or used by AppleTalk

The specified MIOX circuit has already been defined. Use the command SHOW APPLE CIRCUIT to display all currently defined circuits.

s004275: Failed to attach AppleTalk port to the lower layer interface

AppleTalk had a problem attaching to the MIOX layer. Make sure that the MIOX and X.25T layers are configured properly.

s004276: Failed to attach the circuit to MIOX layer

The specified circuit could not be attached to the MIOX layer. Check that the same circuit name is configured in MIOX.

s004277: The specified circuit is not found

The specified circuit to delete was not found in the circuit list. Use the command SHOW APPLE CIRCUIT to display all currently defined circuits.

s004278: Failed to detach circuit from MIOX layer

AppleTalk failed to detach the specified circuit from MIOX. Try resetting the AppleTalk module.

s004279: There are no routes in the routing table

There are no routes available in the route table.

s004280: There are no circuits in the circuit table

No X.25 circuits exist in the circuit table (none have been configured).

s004281: Invalid NEXTHOP value, must be in the form of nnnnn:mmmmm

The specified NEXTHOP value is invalid, the correct way to specify NEXTHOP is by using nnnnn:mmmmm form, where nnnnn must be less than 65279 and mmmm must be less than 255.

s004282: To add a static route, ROUTE, and PORT must be specified

When adding an AppleTalk static route, all parameters i.e. ROUTE, PORT, NEXTHOP and COST must be specified.

s004283: Only ROUTE parameter must be specified

When deleting an AppleTalk static route, only ROUTE parameter and nothing else must be specified.

s004284: There is no route to the next-hop router

AppleTalk does not know how to get to the specified next hop router.

s004285: The specified static route is already defined

The specified static route to be added is already defined previously.

s004286: For <string> port interface type, <string> parameter must be specified

When specifying a route on a port, the next hop must be represented by an appropriate next hop type, i.e. NEXTHOP=nnnnn:mmm for ETH, VLAN and PPP port types, DLCI=nnnn for FR ports and CIRCUIT=string for X.25 ports. For PPP ports, the next hop does not have to be specified.

s004287: The specified route does not exist, or is not static route

When deleting a static route, the specified route is either not in the route table or not a static route.

s004288: Problem with adding a route

A problem was encountered when AppleTalk was trying to update the route NVS table.

s004289: Interface type is unsuitable for on-demand link

When adding a port, the DEMAND option can be turned on only if the interface type is other than Ethernet.

s004290: Can't add a default zone to non-seeding port

The user is trying to add a default zone to a non-seeding port, which is an illegal action.

s004291: AppleTalk module is disabled

The user is trying to add to/change AppleTalk configuration while AppleTalk module is disabled.

s004292: Failed to create <string> structure

The user is trying to add a structure, but AppleTalk is unable to allocate or initialise the structure properly, possible cause is low on memory.

s004293: Failed to destroy <string> structure

The user is trying to destroy a structure, but AppleTalk is unable to deallocate the structure properly, possible cause is memory corruption.

s004294: Invalid hint network ID, must be in the range of <number>-<number>

The specified hint network has to be in the range of network seed start and seed end.

s004295: COST and HOP are synonyms, specify either but not both

HOP and COST are synonyms; either can be specified but not both.

s004296: Hint node ID cannot be 255 or 254 (broadcast addresses)

The hint node ID is not allowed to be 255 or 254 (broadcast addresses).

s004297: Specified lower layer interface does not exist

The specified lower layer interface for the port does not exist.

s004298: The specified filter has already been defined

An attempt was made to add another filter, but a filter with the specified filter number already exists. Re-enter the command with a new filter number. Use the SHOW APPLE PACKETFILTER, SHOW APPLE ROUTEFILTER, or SHOW APPLE ZONEFILTER command to list existing filters.

s004299: Specified filter is not existing

An attempt was made to delete all entries in the filter, but the filter is empty and there are no entries to delete. Use the SHOW APPLE PACKETFILTER, SHOW APPLE ROUTEFILTER, or SHOW APPLE ZONEFILTER command to list existing filters and the entries in them.

s004300: Failed to delete the specified pattern from the filter list

An attempt was made to delete a pattern from a filter, but the specified pattern does not exist in the filter. Use the SHOW APPLE PACKETFILTER, SHOW APPLE ROUTEFILTER, or SHOW APPLE ZONEFILTER command to list existing filters and the entries in them.

s004301: Failed to add the specified pattern to filter list

The pattern could not be added to the filter, because the filter already contains the maximum number of patterns allowed (65535).

s004302: Filter number is not provided

The command requires that a filter number be specified with the FILTER=*filter-id* parameter, but a filter number was not entered. Re-enter the command with a filter number.

s004303: Entry number is not provided

The command requires that an entry number be specified with the ENTRY=*entry-id* parameter, but an entry number was not entered. Re-enter the command with an entry number.

s004304: Specified entry number is not existing

The command included a filter number and an entry number but the specified entry does not exist in the specified filter. Use the SHOW APPLE PACKETFILTER, SHOW APPLE ROUTEFILTER, or SHOW APPLE ZONEFILTER command to list existing filters and the entries in them.

s004305: Network parameter has to be provided

The command requires an AppleTalk network or network range, but a network was not specified. Re-enter the command with a valid AppleTalk network or network range.

s004306: Invalid filter number

The specified filter does not exist. Re-enter the command with a valid filter number. Use the SHOW APPLE PACKETFILTER, SHOW APPLE ROUTEFILTER, or SHOW APPLE ZONEFILTER command to list existing filters.

s004307: Entry number is <string>

An entry was added to the end of a filter, and has been assigned the specified entry number.

s004308: For <string> port interface type, <string> parameter is not allowed

The incorrect next hop parameter was specified. The appropriate next hop parameters are NEXTHOP=nnnnn:mmm for ETH, VLAN and PPP ports, DLCI=nnnn for FR ports and CIRCUIT=string for X.25 ports.

s005256–s005999: Internet Protocol (IP)

s005257: Must specify <Parameter-List>

One or more compulsory parameters were not specified. Refer to the Software Reference for information on the syntax of this command.

s005258: Operation not available for <Interface-Type>

The requested operation is not permitted on interfaces of the specified type.

s005259: Parameters <Parameter-List> required for <Interface-Type> interfaces

The specified parameters are required by the command for interfaces of the specified type. For example, ADD IP ARP requires the DLCI parameter when adding ARPs to Frame Relay interfaces.

s005260: Parameters <Parameter-List> invalid for <Interface-Type> interfaces

The specified parameter(s) may not be entered when the command is operating on that particular interface type. For example, the CIRCUIT parameter cannot be specified when using ADD IP ARP on an Ethernet interface.

s005261: Specified IP interface does not exist

The specified interface does not exist.

s005262: Interface type not known or not supported by IP module

The type (ETH, FR, PPP, etc.) of the interface parameter in the command is not known or not supported by the IP module. The IP module cannot be attached to interfaces of that type.

s005263: Interface is already attached to IP module

The specified interface is already configured for use by the IP module.

s005264: <Object> already exists

The specified object (ARP, route, etc.) already exists.

s005265: Specified IP address and netmask values are inconsistent

The IP address and network mask values specified in the command are incompatible and inconsistent with each other.

s005266: <Object> not found

The specified object (ARP, route, etc.) cannot be found.

s005267: The IP module is not enabled

The IP module is not active. The command cannot be completed.

s005268: No matching <Object> found

The object (ARP, route, etc.) cannot be found.

s005269: Unable to update NVS configuration: <Error-Description>

An internal error has occurred, preventing the update of the router's permanent configuration.

s005270: Unable to read NVS configuration: <Error-Description>

An internal error has occurred, preventing the router from reading its permanent configuration.

s005271: Internal Error: <Error-Description>

An internal error has occurred. Contact your authorised distributor or reseller.

s005272: <Object> successfully deleted

The deletion operation was successful. The specified object has been deleted.

s005273: No more <Object> may be added

No more objects of that type may be added, since the internal table holding them is now full.

s005274: Metrics from host <ipadd> will now be increased by <number>

The ADD IP BOOST operation was successful. Metrics from the named host are artificially increased by the specified amount.

s005275: <Object> successfully added

The object (ARP, route, route exclusion, etc.) has been successfully added.

s005276: Must set autonomous system number before enabling EGP

The autonomous system number must be set, using SET IP AUTONOMOUS=n, before using EGP.

s005277: EGP neighbour <ipadd> added

The specified EGP neighbour has been added to the EGP neighbour list. If/when EGP is enabled, the router tries to initiate an EGP protocol exchange with this address.

s005278: EGP neighbour <ipadd> removed

The specified address has been removed from the EGP neighbour list. No further EGP protocol interactions occur with that address.

s005279: EGP is not enabled

EGP is not currently enabled. EGP protocol interactions do not occur with any EGP neighbours until the ENABLE IP EGP command is issued.

s005280: An unexpected problem with <Configuration-Table> required it to be reset

The specified configuration table could not be updated for some reason, most likely because it was missing. The table was automatically recreated and the configuration update continued. However, some older configuration information may have been lost.

s005281: Source-routed IP packets will now be <string>

IP packets received with the source-route option are either forwarded or discarded, as stated in the message.

s005282: <Object> successfully updated

The named item was successfully updated.

s005283: <Function> is already enabled

The function specified is already enabled.

s005284: <Function> is already disabled

The function specified is already disabled.

s005285: IP address <ipadd> already assigned to another interface

The specified IP address is already in use on the interface. The same IP address may not be used on two interfaces.

s005286: Interface not attached to IP module

The specified interface is not configured for use by the IP module.

s005287: <Function> has been enabled

The specified option or feature has been successfully enabled.

s005288: <Function> has been disabled

The specified option or feature has been disabled.

s005289: IP module configuration has been reset

The configuration for the IP module has been reset and the module has been restarted to make that configuration active.

s005290: IP module has been reset

The IP module has been reset. Any active TCP connections have been disconnected.

s005291: <Function> not supported on <Interface-Type> interfaces

The selected function is not supported on that kind of interface.

s005292: There are no packets in the IP debug queue

There are no packets in the IP debug queue.

s005293: Network <ipadd> already used on another interface

The specified IP network is already in use on another interface of this router. Each IP interface on this router must be allocated a unique IP address in different IP sub-networks. No two interfaces on the same router may have the same IP address or be in the same network as any other IP interface.

s005294: Invalid IP address <ipadd>

The specified IP address is not valid.

s005295: Operation restricted to static ARPs only

Only static ARP entries may be modified or deleted by the user.

s005296: IP address <ipadd> already used on inactive interface <value>

The specified IP address is already in use on the named inactive interface. An interface is inactive if it references a lower-level interface (such as Ethernet, Frame Relay, PPP, etc.) that no longer exists or could not be configured for use by IP. If this interface is no longer required it should be deleted. Otherwise you must assign a different IP address (in a different subnet) to this new interface.

s005297: Inactive interface deleted

The specified interface, which is inactive (normally because it could not be attached to the lower-layer interface) has been deleted.

s005298: Invalid parameters combination. SOURCE and ACTION/POLICY/PRIORITY required, DESTINATION, SMASK, DMASK, ENTRY, SPORT, DPORT, PROTOCOL are optional

An invalid combination of parameters was entered. Follow the command syntax as suggested in the error message, or in the Software Reference.

s005299: Invalid parameters combination. FILTER and ENTRY required

An invalid combination of parameters was entered. Follow the command syntax as suggested in the error message, or in the Software Reference.

s005300: Invalid filter number, must be in the range [0..299]

The specified filter number is invalid. Re-enter the command with a filter number between 0 and 99 inclusive.

s005301: The IP gateway is not currently active

The IP routing module is not currently active so IP filtering does not operate. Enable the IP routing module first.

s005302: DESTINATION parameter must be defined for specified DMASK

The command entered included the DMASK parameter but not the DESTINATION parameter. If DMASK is present the DESTINATION parameter must also be specified.

s005303: Specified address-mask pair(s) are incompatible

An incompatible address/mask pair was specified. To be compatible, the condition ADDRESS & MASK = ADDRESS must be observed.

s005304: The specified filter has already been defined

The filter specified in the command has already been defined. Use the command SHOW IP FILTER to see the list of filters already defined.

s005305: Failed to add the specified pattern to filter list

The addition of the new filter to the filter list failed. It may be caused by low buffer space.

s005306: Failed to update NVS table

A problem was encountered when accessing the IP filter NVS table. The NVS table may have been corrupted.

s005307: Specified pattern does not exist in the filter list

The filter with the specified pattern was not found. Use the command SHOW IP FILTER to see the list of all defined filter patterns.

s005308: Failed to delete the specified pattern from the filter list

The filter pattern could not be deleted from the filter list.

s005309: Specified filter is empty

The specified filter list is empty. Use the command SHOW IP FILTER to see the list of patterns defined for filters.

s005310: Protocol type must be specified for the given port

When adding a filter, if the source or destination filter is not "ANY" then a protocol type must be specified. Refer to the Software Reference for valid protocol types.

s005311: For IP protocols other than TCP and UDP port numbers must not be specified

Only TCP and UDP protocols regard the port numbers as significant. For other protocols, port numbers are irrelevant.

s005312: Specified filter does not exist in the filter list

The specified filter does not exist. Use the command SHOW IP FILTER to see the list of currently defined filters.

s005313: Filter <number> has not been defined

The specified filter was not found in the filter list. Use the command SHOW IP FILTER to see the list of all currently defined patterns.

s005314: SESSION must not be specified for protocols other than TCP

The SESSION parameter is only valid for the TCP protocol (PROTOCOL=TCP).

s005315: IP address <ipadd> not valid as the default local address

The given IP address cannot be used as a local IP address because none of the router's interfaces have this address. Re-enter the command with a valid interface address, or define an interface with the address required.

s005316: Specified ICMP type is incompatible with the ICMP code

The specified ICMP type is incompatible with the given ICMP code.

s005317: <string> and <string> parameters are only valid for ICMP protocol filter

The user specified the ICMPTYPE and/or ICMPCODE parameters for a non-ICMP filter.

s005318: Inappropriate filter number for <string> filter

The filter number specified was outside the valid range of filter numbers for the filter type.

s005319: IP route already exists or not allowed by route filter

The specified logical interface number was invalid because it is outside the legal range.

s005320: Invalid IP logical interface number, must be between 0 and <number>

The specified logical interface number was invalid because it is outside the legal range.

s005321: No route to specified host

This router has no route to the specified IP address.

s005322: Unable to resolve host name to IP address

The specified host name could not be converted into an IP address. This normally means that the host does not exist.

s005323: No nameserver is defined, unable to perform hostname lookups

No name server IP address is defined. The router cannot perform DNS queries to find the IP address of a named host.

s005324: Nameserver not responding

The router has received no response to DNS queries sent to the defined nameserver IP address.

s005325: Outbound Telnet connections not permitted

The user issuing the TELNET command does not have permission to initiate Telnet sessions.

s005326: Invalid IP address or host name: <string>

The argument to the PING command could not be interpreted as a valid IP address or a known host name (as defined in the IP host table).

s005327: Resolving host name "<string>" to IP address

A request has been sent to the Domain Name Server to resolve the specified host name to an IP address.

s005328: Host name resolved to <ipadd>

A response has been received from a Domain Name Server giving the required IP address. A Telnet connection to this address will be established.

s005329: Attempting Telnet connection to <Remote-Node>, Please wait...

A Telnet connection is being made to the specified remote node.

s005330: GRE entity <number> has not been defined

The specified GRE entity in the ADD IP or SET IP command does not exist. Check the GRE entity list with the command SHOW GRE.

s005331: GRE module is not enabled

A GRE entity cannot be associated with an IP interface when the GRE module is not ENABLED. To enable GRE module use the command ENABLE GRE.

s005332: Failed to attach interface to the SA module

When adding the first SA for a given interface, the attachment of the interface to the SA module failed.

s005333: Error deleting SA from IP interface

An error occurred deleting an SA from an IP interface. This is because the SA was not currently defined for the interface, or because of some internal error in the attachment to the SA module. Re-enter the command with a valid SA for the interface.

s005334: Error adding SA to IP interface

An error occurred adding an SA to an IP interface. This is because the SA was already currently defined for the interface, or because of some internal error in the attachment to the SA module. Re-enter the command with an SA not already defined for the interface.

s005335: RIP entry for router's own interface is not allowed

A static RIP entry cannot be added with an IP address that matches the IP address of one of the router's interfaces.

s005336: IP Route <string> is <string>

The user entered the command SHOW IP ROUTE COUNT but IP route counting is disabled.

s005337: Password longer than required, only first <number> characters will be used

The password is longer than the length currently stated in the relevant standards. This is not an error but only the specified number of characters are actually used from the password.

s005338: Port value is invalid

The PORT value is invalid. Either it is 0, or greater than 65535, or is not a known named protocol type.

s005339: Invalid parameter combination

An invalid combination of parameters has been used.

s005340: static ENAT GBLIPADDR cannot be lower than existing global range

An invalid combination of parameters has been used.

s005341: The given IP range is too large, maximum <number> addresses

The given IP address range contained too many entries. Try again with a smaller range of IP addresses.

s005342: The IP range overlaps with an existing range in <string>

The given IP address range overlaps with a previously defined range.

s005343: The <string> still contains active entries

The given item still has active entries and cannot be altered.

s005344: Maximum domain specific name servers already exist

The maximum number of DNS servers for specific domains already exist so it is not possible to add any more.

s005345: Must add default name server before domain specific

An attempt was made to add domain specific DNS servers but there are currently no default name servers configured, so this is not allowed.

s005346: Cannot delete default name server while domain specific exists

An attempt was made to delete the default name servers while domain specific name servers exist. This is not allowed.

s005347: Cannot disable IP while VRRP is enabled

The IP module cannot be disabled while VRRP is enabled. Disable VRRP first, then disable IP.

s005348: Filter "<number>" is in use by BGP Peer "<ipadd>"

A filter cannot be deleted if a BGP Peer is configured to use it.

s005349: Cannot have more than <number> <string> entries

An attempt was made to add more items of the specified type than the maximum allowed.

s005350: In filter range 300-399, Only allowed parameters are ACTION, ENTRY, SMASK and SOURCE

In the filter range 300 - 399, the only command parameters that can be entered are ACTION, ENTRY, SMASK, and SOURCE.

s005351: Route map "<string>" is in use by BGP Peer "<ipadd>"

A route map cannot be deleted if a BGP Peer is configured to use it.

s005352: Parameter "<string>", Invalid characters found

The value entered for the specified parameter contains invalid characters. Valid characters are uppercase and lowercase letters, digits (0-9), and the underscore character ("_").

s005353: Invalid <string> number, must be in singular value in the range [<number>..<number>]

The parameters AS_PATH and COMMUNITY can only accept single values from 1 to 99 when specified with a MATCH clause.

s005354: Regular Expression Conversion Failed

There is a syntax error in the regular expression, for example ". *" instead of ".*".

s005355: Specified <string> list has no entries

An attempt was made to delete an item from the specified list, but there are no items in the list.

s005356: Autonomous System Number cannot be same as Confederation Peer

The local Autonomous System Number cannot be the same as an already defined BGP Confederation Peer.

s005357: ROUTEMAP "<string>" is used by the BGP Global Parameters

The specified route map is used the BGP Global Parameters table, and can only be modified using the SET BGP TABLEMAP command.

s005358: ROUTEMAP "<string>" is used by a BGP <string>

The routemap is being used by a BGP AGGREGATE, IMPORT or NETWORK command.

s005359: <string> <string> already exist

The specified object is already defined on the system.

s005360: Dynamically configured name servers must be deleted first

An attempt was made to add default DNS name servers but default name servers have already been configured dynamically via PPP or DHCP. Delete the dynamically configured name servers and then add the static name servers.

s005361: Dynamically configured name servers no longer in use

DNS name servers that were dynamically configured by PPP or DHCP are now no longer in use.

s005362: Dynamically configured name servers deleted

DNS name servers that were dynamically configured via PPP or DHCP have been manually deleted.

s005363: Can only have one upstream interface

An attempt was made to configure more than one IP interface as an upstream interface for IGMP Proxy. Only one upstream interface can be configured. Use the command SHOW IP IGMP to list the interfaces configured for IGMP proxy.

s005364: IGMPPROXY already <string>

An attempt was made to configure IGMP proxy on the interface, but IGMP proxy is already configured that way. The command is ignored.

s005365: Port number is outrange

The specified port number is outside the allowed range of port numbers for this command.

s005366: Port <number> is not installed

The specified port number does not exist on the device, probably because the port number is greater than the number of ports on the device. Re-enter the command with a valid port number.

s005367: Mvr is already enabled

An attempt was made to enable Multicast VLAN Registration (MVR), but MVR is already enabled.

s005368: Mvr is already disabled

An attempt was made to disable Multicast VLAN Registration (MVR), but MVR is already disabled.

s005369: Multicast Vlan Id must be provided

A multicast VLAN identifier must be specified to identify the multicast VLAN. Re-enter the command with a valid multicast VLAN identifier.

s005370: Multicast Vlan Id is already used by other MV

An attempt was made to create a multicast VLAN with a multicast VLAN identifier that is already assigned to another multicast VLAN. Multicast VLAN identifiers must be unique amongst VLAN identifiers.

s005371: Source Port of MV must be provided

A source port must be specified when creating a multicast VLAN, but a source port was not specified. Re-enter the command with a valid source port.

s005372: Receiver Port of MV must be provided

A receiver port must be specified when creating a multicast VLAN, but a receiver port was not specified. Re-enter the command with a valid receiver port.

s005373: One or more of source ports has been used by other MV

One or more of the source ports specified when creating a multicast VLAN was already in use as a source port in another multicast VLAN. A port can be a source port in only one multicast VLAN.

s005374: One or more of receiver ports has been used

One or more of the receiver ports specified when creating a multicast VLAN was already in use as a receiver port in another multicast VLAN. A port can only be a receiver port in one multicast VLAN.

s005375: Immediate leave ports has to be part of Receiver ports

Intermediate leave ports must also belong to the list of receiver ports. Re-enter the command with a valid receiver port.

s005376: Multicast vlan does not exist

The multicast VLAN specified by the multicast VLAN identifier does not exist. Re-enter the command with a valid multicast VLAN identifier.

s005377: Group address need to be provided

The command requires a group address, but a group address was not specified. Re-enter the command with a valid group address.

s005378: Group address provided is already existing in this MV

An attempt was made to add a group address to the multicast VLAN, but the specified group address already exists in the multicast VLAN. Re-enter the command with a group address that is not currently a member of the multicast VLAN.

s005379: Group address provided is not existing in this MV

The command requires a group address that belongs to the multicast VLAN, but the one specified does not exist in the multicast VLAN. Re-enter the command with a group address that is a member of the multicast VLAN.

s005380: MVR is disabled

The requested action cannot be performed while MVR is disabled. Enable MVR and re-enter the command.

s005381: Vlan <number> is not existing

A VLAN must already exist before it can be configured as a multicast VLAN, but the specified VLAN does not exist. Create the VLAN and re-enter the command.

s005382: Rport is already Vlan <number>'s port

The specified port cannot be assigned to the multicast VLAN because it is already a member of the specified VLAN.

s005383: Sport is not Vlan <number>'s port

The specified port cannot be assigned to the multicast VLAN because it is already a member of the specified VLAN.

s005384: Number of group addresses is out of limit

An attempt was made to add more group addresses than is allowed. A maximum of 256 group addresses may be configured on a router.

s005385: Number of MVR entry is out of limit

An attempt was made to create more multicast VLANs than is allowed. A maximum of five multicast VLANs may be created.

s005386: Source ports entered must belong to Vlan <number>

The source ports must belong to the specified VLAN. Re-enter the command with source ports that belong to the specified VLAN.

s005387: Invalid IP Address, cannot be a broadcast or network address

The IP address cannot be a network address or broadcast address. Re-enter the command with a valid IP address.

s005388: Invalid nexthop, must be in the same subnet with the specified IP interface

The nexthop of the IP route is invalid. The nexthop must be in the same subnet as the specified IP interface.

s005389: Traffic using this route will only be software routed

Traffic to the additional subnet of VLAN is processed by software only.

s005390: <string> must be greater than <string> (<number>)

The OSPF sub-protocol preferences are overlapping.

s005391: <string> must be less than <string> (<number>)

The OSPF sub-protocol preferences are overlapping.

s005392: <string> must be between <string> (<number>) and <string> (<number>)

The OSPF sub-protocol preferences are overlapping.

s005393: <string> preference already set to <number>

The protocol's preference is already set to a specified value.

s005394: IGMP is not enabled on this interface

IGMP is not enabled on this interface.

s005395: <string>:<string>

General error message relating to invalid ports.

s005396: Invalid Mac Address, cannot be broadcast or multicast

Broadcast or multicast source MAC addressees are not allowed in ARP packets.

s005397: A UPnP device exists that uses this interface

An existing UPnP device uses this interface.

s005398: IGMP Snooping Routermode must be IP

There has been an attempt to add multicast addresses using the **add igmpsnooping routeraddress** command when IGMP snooping routermode is not set to **ip**, but set to either **all**, **default**, **multicasterouter**, or **none**. To set IGMP snooping routermode to **ip**, use the command **set igmpsnooping routermode**.

s005399: Maximum advertisement interval must not be less than minimum

The maximum advertisement interval value must not be less than the current value of the minimum advertisement interval. Use the **show ip advertisement** command to see the minimum advertisement interval value.

s005400: Lifetime must not be less than maximum advertisement interval
The lifetime value must not be less than the current value of the maximum advertisement interval. Use the **show ip advertisement** command to see the maximum advertisement interval value.

s005401: The advertisement feature is not enabled or no interface is set to advertise

No advertisement messages are sent until the advertisement feature is enabled or one of the interface's logical interfaces is set to advertise.

s005402: Invalid preference value; -2147483648..2147483647 or NOTDEFAULT

The preference level value must be an integer between -2147483648 and 2147483647, or the keyword NOTDEFAULT, which corresponds to -2147483648.

s005403: This interface has already been added for advertisement

Each physical interface may only be added once for advertisement. To change advertisement parameters use the **set ip advertisement interface** command.

s005404: The specified local interface does not exist

A local interface cannot be set because it has not been added.

s005405: Enabling Inverse ARP for an interface which has Static ARPs configured may result in the interface not functioning correctly

Enabling Inverse ARP when there are Static ARPs already configured for the interface may cause the interface not to function correctly.

s005406: The specified local interface does not exist

The user is trying to delete a local interface that is in use.

s005407: Local interface cannot be deleted, in use by another protocol

The user is trying to set a local interface that has not been added.

s005408: The mac address provided is the mac address <string>

do not allow device MAC addressees * for adding static ARP.

s005409: The profligates <string> entry with ID <number> already exists, use SET IP PREFIXLIST to alter

The command ADD IP PREFIXLIST failed because an entry of this entry ID already exists on this prefixlist.

s005410: The prefixlist <string> does not exist

The command **set ip prefixlist** or **delete ip prefixlist** failed because the prefixlist of this name does not exist.

s005411: The prefixlist <string> entry with ID <number> does not exist

The command **set ip prefixlist** or **delete ip prefixlist** failed because the entry with this ID number does not exist on this prefixlist.

s005412: The prefixlist <string> has users and cannot be deleted

The command **delete ip prefixlist** failed because the prefixlist of this name has a user.

s005413: Specified prefix address and mask length values are inconsistent

The prefix address and mask length values specified in the command are incompatible and inconsistent with each other.

s006256–s006999: Novell IPX

s006257: Required parameter missing - NETWORK and ACTION are both needed

The ADD IPX RIP command requires that the NETWORK and ACTION parameters are present.

s006258: NETWORK will not compile - item in expression too long

The IPX filters have run out of scratch space when generating the wildcard table for NETWORK.

s006259: NETWORK has invalid syntax - please correct

The specified NETWORK wild card expression could not generate a wildcard table due to invalid syntax.

s006260: A filter entry with the same definition exists at ENTRY

At the specified insertion point a filter entry already exists that contains the same match information.

s006261: Unexpected Error - return code: <number>

A function gave an unexpected return value.

s006262: ENTRY not found! Please give the number for an existing entry

The specified entry number does not exist in the specified IPX filter. This message is generated where a source entry must exist for the command being executed.

s006263: ENTRY not found! It must be specified for this command

The entry parameter must be specified for this command.

s006264: No filters found

A SHOW IPX <filter> command did not find any filters to display.

s006265: SERVICE will not compile - item in expression too long

The IPX filters have run out of scratch space when generating the wildcard table for SERVICE.

s006266: SERVICE has invalid syntax - please correct

The specified SERVICE wild card expression could not generate a wildcard table due to invalid syntax.

s006267: TYPE will not compile - item in expression too long

The IPX filters have run out of scratch space when generating the wildcard table for TYPE.

s006268: TYPE has invalid syntax - please correct

The specified TYPE wild card expression could not generate a wildcard table due to invalid syntax.

s006269: Required parameter missing - SERVICE and ACTION are both needed

The ADD IPX SAP command requires that the SERVICE and ACTION parameters are present.

s006270: SERVICE - string too long, for filters this must be less than <number>

This message is generated when a string is longer than the buffer used to store it. Reduce the string size and use another command to achieve the filter arrangement required.

s006271: TYPE - string too long, for filters this must be less than <number>

This message is generated when a string is longer than the buffer used to store it. Reduce the string size and use another command to achieve the filter arrangement required.

s006272: NETWORK - string too long, for filters this must be less than <number>

This message is generated when a string is longer than the buffer used to store it. Reduce the string size and use another command to achieve the filter arrangement required.

s006273: eth<number> already has this encapsulation configured

This message generated when an attempt is made to use an Ethernet encapsulation that is already in use by IPX.

s006274: fr<number> already has this DLCI configured

This message is generated when an attempt is made to use a Frame Relay DLCI that is already in use by IPX.

s006275: ppp<number> is already in use

This message is generated when an attempt is made to use a PPP interface that is already in use by IPX.

s006276: x25t<number> already has this MIOX circuit configured

This message is generated when an attempt is made to use an X25T MIOX circuit that is already used by IPX.

s006277: IPX does not support the specified interface

IPX does not connect to the interface specified in the command. The interface involved is usually at a level so primitive that it cannot support IPX, or the IPX protocol is not supported on this interface or protocol type.

s006278: <string> - cannot be 0x<hexnum>

The IPX protocol has reserved the network numbers 0x00000000 and 0xffffffff for special purposes.

s006279: NETWORK - specified network is used for another IPX circuit

Each IPX circuit must have its own unique network number.

s006280: ENCAPSULATION can only be used with an Ethernet interface

The ENCAPSULATION parameter can only be used with an Ethernet interface. IPX uses four different packet encapsulations that are specific to Ethernet.

s006281: <string> - only allowed for PPP and MIOX X25T circuits

The KEEPALIVE, DEMAND, SPXSPPOOF, SPXCONFIL and SPXENDSPOOF parameters can only be used with circuits that are capable of on-demand connection. Only PPP and MIOX X25T SVC circuits have these capabilities.

s006282: DLCI - only allowed for Frame Relay circuits

The DLCI parameter is used to give the DLCI number for a Frame Relay interface, and so it cannot be used for any other interface type.

s006283: MIOXCIRCUIT - can only be used with an X25T interface

The MIOXCIRCUIT parameter is used to give the MIOX circuit name for an X25T interface, and so it cannot be used for any other interface type.

s006284: DLCI missing - must be specified for Frame Relay interface

A DLCI circuit number must be specified for a Frame Relay interface.

s006285: MIOXCIRCUIT missing - must be specified for an X25T interface

A MIOX circuit name must be specified for an X25T interface.

s006286: Specified IPX circuit already exists

The specified IPX circuit already exists and it must be deleted before the circuit number can be reused.

s006287: Specified exclusion already exists

The specified IPX exclusion already exists.

s006288: Specified inclusion already exists

The specified IPX inclusion already exists.

s006289: Specified inclusion is in the exclusion list

The inclusion specified is already in the exclusion list.

s006290: Specified IPX circuit does not exist

The specified IPX circuit does not exist. Add the circuit and re-enter the command. Circuits can be added and disabled.

s006291: NEXTHOP - value must be a network number for a circuit

When an IPX static route is set up, its nexthop network must be one that the router has a circuit for, i.e. it must be a local network directly attached to the router.

s006292: ROUTE - this local route is already defined by a circuit

An attempt has been made to add or delete a static route with the same network number as a local route that was created by adding a circuit.

s006293: ROUTE - static route not added

The static route was not added. Contact your authorised distributor or reseller.

s006294: SERVICE - static service not added

The static service was not added. Contact your authorised distributor or reseller.

s006295: Illegal parameter combination

An invalid combination of parameters was specified, or an illegal parameter was present. Refer to the Software Reference for the correct command syntax.

s006296: <string> to be deleted or altered does not exist

The IPX object to be deleted or altered does not exist.

s006297: <string> - not a static entry

An attempt was made to delete a service or route that is not a static entry.

s006298: <string> - already disabled

An attempt was made to disable a circuit that is already disabled, or to disable IPX when it is already disabled.

s006299: <string> - already enabled

An attempt was made to enable a circuit that is already enabled, or to enable IPX when it is already enabled.

s006300: INTERFACE - must be the same interface type as before

The SET IPX CIRCUIT command only allows the interface to be changed to one of the same type as the original interface.

s006301: Operation was unsuccessful, IPX module is DISABLED

The IPX module can only be reset when the module is enabled. An IPX reset shuts down the IPX routing module and then restarts it.

s006302: No circuits defined

The SHOW IPX CIRCUIT did not find any circuits defined.

s006303: No routes found

The SHOW IPX ROUTE did not find any routes in the IPX route table.

s006304: No services found

The SHOW IPX SERVICE did not find any services in the IPX service table.

s006305: No exclusions found

The SHOW IPX EXCLUSION did not find any entries in the IPX exclusion filter.

s006306: No inclusions found

The SHOW IPX INCLUSION did not find any entries in the IPX inclusion filter.

s006307: No active SPX spoofed connections found

The SPX spoof table does not currently contain any spoofing records.

s006308: No entries logged at all

No on-demand calls have been logged in the IPX call log at all.

s006309: No entries found for circuit <number>

No entries have been found in the IPX call log for the specified circuit.

s006310: <string> - cannot be 0x<hexnum>

The IPX protocol has reserved the station (node) numbers 0x000000000000 and 0xffffffff for special purposes.

s006311: vlan <number> already has this encapsulation configured

This message is generated when an attempt is made to use a VLAN encapsulation that is already in use by IPX.

s007256–s007999: SYN Driver**s007256: Interface "<Interface-number>" not present**

The specified SYN interface number does not exist.

s007257: Interface must be specified

A SYN interface number "n" must be specified for this command as SYN=n.

s007258: Interface was not activated. No module attached to this interface or hardware in use by another module

The SYN interface could not be activated because no module is attached to the interface, or the hardware is already in use by another module.

s008256–s008999: DECnet

s008257: Unexpected return value <number> from function called at 0x<hexnum>

The function call at the given address returned an invalid return value. Contact your authorised distributor or reseller.

s008258: <string> - already exists

The item that the user is attempting to add already exists in the router's setup.

s008259: <string> - no room for any more. The maximum allowed is <number>

The router's configuration is full. One item must be removed before any more can be added.

s008260: <string> - not written to NVS successfully. NVS full or NVS error

The given item could not be written to NVS because NVS is full or no longer functions correctly. Check the amount of NVS space left using SHOW NVS FREE. If there is an error, contact your authorised distributor or reseller.

s008261: <string> - not found

The given item was not found in the router's dynamic configuration.

s008262: DECnet is already disabled

An attempt was made at disabling DECnet when it was already disabled.

s008263: DECnet is already enabled

An attempt was made at enabling DECnet when it was already enabled.

s008264: DECnet must be enabled to perform this operation

An attempt was made to reset DECnet when the module is disabled.

s008265: DECnet is not active

The DECnet module is not active and the router does not have any dynamic DECnet routes, route counters or interface counters it can display. DECnet has to be configured to more than two interfaces for it to start routing.

s008266: <string> - none found

No DECnet inclusions, exclusions, low priority nodes or routes were found in the router.

s008267: <string> - no valid DECnet address is set for the router

The DECnet address of the router must be set to a valid value before DECnet can be attached to an interface.

s013256–s013999: X.25 Layer 3 (DCE)

s013256: Interface number <number> already exists

The specified interface has already been defined. To display the interfaces that have been defined, use the command SHOW X25C[=x25-interface].

s013257: <string>, invalid parameter value

The value entered for the OVER parameter is invalid. Refer to the Software Reference for the valid lower layer interfaces to which the X25C interface can be configured.

s013258: OVER, specified interface is invalid or does not exist

The specified lower layer interface is either invalid or does not exist.

s013259: OVER, specified interface is currently used

The lower layer interface specified is being used by other routing module. Make sure that the lower layer interface you specified is not being used by other routing modules before configuring the X25C interface to use it.

s013260: Channel parameters exceed maximum active channels

The PVC number specified is greater than the maximum number of PVCs allowed for this X25C interface. Choose lower numbered PVCs or set the MAXACTIVE parameter for the X25C interface to a higher value.

s013261: Invalid parameters combination

The parameter combination is invalid for the specified command. Refer to the Software Reference for the correct parameter combinations.

s013262: Invalid parameter

An unrecognised parameter was entered in the command line.

s013263: Interface number <number> does not exist

The specified X25C interface does not exist. Use the command SHOW X25C[=x25-interface] to display the list of currently defined X25C interfaces.

s013264: Interface number not specified

The X25C parameter requires a value but one was not specified. Re-enter the command with a value for the X25C parameter.

s013265: Value too high; maximum value is 7

The interface number for the X25C interface is too high. Refer to the Software Reference for the maximum X25C interface number.

s013266: DTE address already in table

The specified DTE address is already defined for the given X25C interface. Use the command SHOW X25C[=x25-interface] DTEADDRESS to display the list of DTE addresses defined for all or a given interface.

s013267: No storage for new DTE address

The table that holds DTE addresses is full. Delete obsolete DTE addresses before adding new DTE addresses.

s013268: Interface number not allowed

A value was given for the X25C parameter, but the X25C parameter does not accept values in this command. Re-enter the command without a value for the X25C parameter.

s013269: DTE route address already exists

The specified DTE route address is already defined. Use the command SHOW X25C ROUTE to display the routes currently defined.

s013270: Invalid X.121 address "<string>"

The DTE address specified is not valid. Refer to the Software Reference for the correct syntax for specifying DTE addresses.

s013271: Address or entry number does not exist

The DTE address was not found in the DTE address table, or the specified index does not exist.

s013272: No X.25 DCE interfaces configured

An attempt was made to display information about X25C interfaces, but there are no X25C interfaces defined.

s013273: Channel ranges specified are inconsistent

The logical channel ranges being specified are inconsistent. The incoming LCGN must be less than the two-way LCGN, which must be less than the outgoing LCGN, for a channel range with channel numbers defined.

s013274: No more <string> may be configured

No more objects of the specified type can be configured. The maximum of objects of this type already exist.

s013275: Hunt group is in use by DCE-<number>

An attempt was made to delete a hunt group but the hunt group is in use by the specified DCE. Remove the hunt group from the DCE first, then delete the hunt group.

s013276: X.25 test call channel <string>

A problem has been detected with the channel chosen for a test call. The exact problem is given. Re-enter the command with the particular problem rectified.

s013277: X.25 test call <string>

This message gives generic information about an X.25 test call. The exact information is given. If required, re-enter the command with the particular problem rectified.

s014256–s014999: Q.931**s014256: Unrecognised debug type, <string>**

The Q.931 debugging type given is not recognised. Re-enter the command with a recognised value for the DEBUG parameter.

s014257: Already debugging this interface from another device

The interface for which debugging was requested is already being debugged and the information being sent to another device. Re-enter the command for a different interface or turn off debugging on the interface required.

s014258: Call not found

The call specified in the command was not found. Re-enter the command with a valid call number.

s014259: Non-existent Q.931 interface

The Q.931 interface specified in the command does not exist. Re-enter the command with a valid Q.931 interface number.

s014260: Q.931 NVS configuration is corrupt

The configuration for Q.931 in the NVS has been found to be corrupt. The Q.931 configuration is not saved. The configuration for this interface may have to be purged and re-entered.

s014261: Cannot create Q.931 NVS configuration

There was an error detected creating the Q.931 configuration NVS block. The Q.931 configuration is not saved. The configuration for this interface may have to be purged and re-entered.

s014262: NVS configuration block has an error

There is an error in the Q.931 configuration NVS block. The Q.931 configuration is not saved. The configuration for this interface may have to be purged and re-entered.

s014263: Error updating PRI defaults

An error occurred updating PRI defaults when the Q.931 profile changed. This is possibly the result of an NVS error. The Q.931 profile information may have to be re-entered.

s014264: No Q.931 interfaces to display

There were no Q.931 interfaces to display. This router does not have ISDN interfaces present, so the command entered is meaningless.

s014265: No Q.931 calls to display

There are no Q.931 calls defined, so no calls can be displayed.

s014266: Invalid ISDN interface

The ISDN interface entered was invalid. Re-enter the command with a valid ISDN interface name.

s014267: Interface is allocated to TDM

The interface specified is not actually allocated to ISDN, and therefore cannot be used for a Q931 command.

s014268: Already doing trace debugging on this device

Trace debugging is already taking place from this device. The command as entered is redundant.

s014269: Already doing trace debugging on another device

Trace debugging is already taking place from another device. Trace debugging can only take place from a single device at a time.

s014270: Message must be an even number of HEX digits

A Q.931 message has been specified that is an odd number of HEX digits. Since each octet of the message is represented by 2 HEX digits, this represents a meaningless non-integral number of octets. Re-enter the command with an even number of HEX digits in the message.

s014271: Error parsing ASPID indices

An error was detected parsing ASPID indices. Indices must be decimal numbers separated by commas. There may be no more indices entered than there are valid DLCs in the router. The number of valid DLCs in the router is currently two.

s014272: Not waiting for manual selection of auto SPIDs

The ENABLE Q931 ASPID command was entered for an interface that is not running the auto SPID procedure and is not waiting for manual selection of one or more auto SPIDs. The wrong interface may have been selected or the command is not required. It is possible to force auto SPID procedures to take place by entering the ACTIVATE Q931 ASPID command.

s014273: Auto SPID index is not in list

The auto SPID index specified in the command is not in the list of saved auto SPIDs. Re-enter the command and specify auto SPID indices that are in the list.

s017256–s017999: LAPB

s017256: Interface number <Value> already exists

The specified interface already exists.

s017257: Invalid parameter value

While processing the command, an invalid parameter value was encountered.

s017258: Unsupported LLE implementation

The specified lower layer (physical layer) entity for the LAPB interface is not supported by the router.

s017259: LLE instance specified is invalid or does not exist

The specified lower layer (physical layer) entity for the LAPB interface may be invalid or does not exist. Currently, a LAPB interface can only use a synchronous port as its physical layer entity.

s017260: LLE instance specified is currently used by other module

The specified lower layer (physical layer) entity is used by another module. Make sure that no other routing modules use the LLE before configuring LAPB to use it.

s017261: Window size is set to be less than the modulus value

The window size of the LAPB interface must have a value less than the value of the MODULUS parameter.

s017263: Interface number <number> does not exist

The specified interface does not exist.

s017264: Interface number <number> is being used

The specified interface is in use.

s017266: Invalid parameter combination

The combination of parameters supplied was invalid.

s017267: No interfaces configured

No interfaces have been configured.

s018256–s018999: TEST Module

s018256: Invalid option "<string>"

The string displayed in quotes is not a valid option of this command. Re-enter the command with the correct option.

s018257: Syntax error

The structure of the entered command could not be resolved. Re-enter the command correctly.

s018258: Missing parameter

This command requires another parameter before it can be executed. Re-enter the command correctly.

s018259: Missing option

This command requires another option before it can be executed. Re-enter the command correctly.

s018260: Test(s) halted

One or more tests have been disabled in response to a user command. The results of the test(s) can now be viewed.

s018261: No tests running, no action taken

The tests could not be disabled, since no tests are currently running.

s018262: Invalid parameter "<string>"

The string displayed in quotes is not a valid parameter of this command. Re-enter the command with the correct parameter.

s018263: Tests still running

This command could not be carried out because there are tests currently running. Disable the tests and re-enter the command.

s018264: <string> test results cleared

The test results table has been cleared by the user command. The table is now in its default state, cleared of any previous test results.

s018265: Interface not specified

This command requires the interface to be specified. Re-enter the command with the required interface.

s018266: Requested test(s) already running, no action taken

The requested test was already enabled, so it was left to continue operation. If a restart of the test is required, first disable the test, then re-enter this command.

s018267: Invalid type "<string>"

The string displayed in quotes is not a valid test type. Re-enter the command with a valid test type.

s018268: Missing interface option

The interface name is missing from the command. This name can be the name of an interface, or one of ALL, BASE, EXPANSION, or ENGINE.

s018269: Interface not found "<string>"

The name displayed in quotes could not be found in the test table. Re-enter the command with the correct name.

s018270: Time out of range

The time entered for the length of the test is out of range. Re-enter the time with a range from 0 to 99000 minutes.

s018271: <string><port> is already assigned

The interface where a test was requested is already attached for use by another user module. Change the configuration of the user module to detach the interface then re-enter this command.

s018272: BASIC tests are not implemented

The system of basic tests have not been implemented - only full tests are available.

s018273: Test on <string><port> halted; active LAN detected

The Ethernet test has been disabled due to the detection of an active LAN. This means that during the test external traffic was found on the LAN and the test was halted.

s018274: Warning test on <string><port>; data signal failure or transceiver not connected

A number of consecutive data frames sent an Ethernet interface have not been detected as being looped back. The cause can be a missing or incorrect loopback; BNC requires a terminated segment, twisted pair a simple loopback and AUI an AUI loopback or terminated transceiver. Insert the correct loopback and re-enter the command. This message can also be caused by a device failure on the board being tested.

s018275: Test on <string><port> halted; data signal failure or SynTester not connected

A number of consecutive data frames sent a synchronous interface have not been detected as being looped back. The cause can be that the SynTester is not correctly connected or powered on. Connect the SynTester and re-enter the command. This message can also be caused by a device failure on the board being tested.

s018276: Test on <string><port> halted; data signal failure or loopback not connected

A number of consecutive data frames sent an interface have not been detected as being looped back. On asynchronous ports and primary and basic rate ISDN interfaces this can be caused by a missing or incorrectly wired loopback plug. Insert the correct loopback plug and re-enter the command. This message can also be caused by a device failure on the board being tested.

s018277: Test on <string><port> halted; coprocessor engine test failed

A number of consecutive data frames sent to the coprocessor engine have not been detected as being looped back. This can be caused by a device failure on the board being tested.

s018278: Test on <string><port> complete

The indicated test has been running for the specified length of time and has completed.

s018279: Test on <string><port> halted; MAC/PAC test failed

The test running on the MAC or PAC card has failed.

s018280: Test could not be started due to table error

The test could not be started as the packet or main rule table could not be properly set up.

s018281: Incorrect password

An incorrect password was entered.

s018282: Port <number> not tested because it has not finished in <number> seconds

The cable test has been disabled due to timeout.

s018283: Test could not be started due to not enough free RAM

This command could not be carried out because there is not enough free RAM.

s018284: <string> test results have been cleared

The specified test results have been cleared.

s018285: <string> tests have been completed

The specified tests have been completed.

s018286: <string> test is not running, no action taken

The tests could not be disabled, because no tests are currently running.

s019256–s019999: LAPD

s019256: Instance value required

This command requires a value for the LAPD instance. Use the SHOW LAPD command to identify the instance and re-enter the command with the instance.

s019257: Instance invalid; "<string>"

The string shown in quotes is not a valid LAPD instance. Re-enter the command using the correct instance value.

s019258: Instance not found

The specified instance could not be found in the LAPD instance table.

s019259: Parameter value required

The specified command is missing a parameter value. Re-enter the command with the value included.

s019260: Invalid parameter "<string>"

The string shown in quotes is not a valid parameter for this command.

s019261: Problem with NVS

A problem has occurred while accessing configuration information in NVS. Re-enter the command, and if it still fails contact your authorised distributor or reseller.

s019262: Invalid option "<string>"

The string shown in quotes is not a valid option for this command.

s019263: Cannot set PRI to auto TEI mode

The standards prohibit a primary rate interface from being set to automatic TEI mode.

s019264: SAP not found

The specified Service Access Point identifier does not exist in the LAPD table.

s019265: k parameter out of range

The value entered for the k parameter is outside the allowed range.

s019266: SAPI out of range

The value entered for the SAPI parameter is outside the allowed range.

s019267: lapdAttach - <string>

This is a debug message.

s019268: Attached to <string><number> SAPI <number>

This is a debug message.

s019269: lapdConnectRequest - <string>

This is a debug message.

s019270: Connection added to <string><number> SAPI <number> CES=<number>

This is a debug message.

s019271: CES required

This command requires a Connection Endpoint Suffix to be specified.

s019272: lapdEstablishRequest - <string>

This is a debug message.

**s019273: Establish event made; <string><number> SAPI <number> CES
<number>**

This is a debug message.

s019274: lapdReleaseRequest - <string>

This is a debug message.

**s019275: Release event made; <string><number> SAPI <number> CES
<number>**

This is a debug message.

s019276: lapdDataRequest - <string>

This is a debug message.

**s019277: I frame event created; <string><number> SAPI <number> CES
<number>**

This is a debug message.

s019278: lapdDataRequest repeat <number> - <string>

This is a debug message.

**s019279: <number> I frame events created; <string><number> SAPI
<number> CES <number>**

This is a debug message.

s019280: lapdUnitDataRequest - <string>

This is a debug message.

**s019281: UI frame created; <string><number> SAPI <number> CES
<number>**

This is a debug message.

s019282: lapdUnitDataRequest on repeat <number> - <string>

This is a debug message.

s019283: CES required

This command requires a Connection Endpoint Suffix to be specified.

s019284: DLC not found

The requested Data Link Connection does not exist.

s019285: LAPD test set

This is a test message.

s019286: Test SAP and CES not set

This is a test message.

s019287: Test value out of range

This is a test message.

s019288: Case value out of range

This is a test message.

s019289: Cannot add TEI to a PRI

The TEI of a primary rate interface is always the same and cannot be changed.

s019290: Cannot add TEI in automatic TEI mode

A TEI cannot be added to a LAPD interface that is in automatic TEI mode. If the TEI must be set, change the interface mode to non-automatic and re-enter the command.

s019291: TEI out of range

The entered TEI is out of range. Re-enter the command using a valid TEI value.

s019292: TEI already exists

The specified TEI already exists. Delete the existing TEI or re-enter the command using a new TEI value.

s019293: Only one TEI allowed for NT

In NT mode only a single TEI may be used. Delete the existing TEI before adding another.

s019294: TEI list full

The LAPD TEI list is full. Delete one of the existing TEIs before adding another one.

s019295: Cannot delete a TEI from a PRI

The TEI value used on primary rate interfaces is fixed and cannot be changed.

s019296: TEI does not exist

The specified TEI does not exist on this interface.

s019297: SAP <number> deleted

The displayed SAP has been deleted and any user module attempts to use this SAP will now fail.

s019298: CES not found

The specified CES does not exist.

s019299: CES <number> of SAP <number> deleted

The displayed CES has been deleted and any user module attempts to use this CES will now fail.

s019300: Too many timers!

The LAPD module has exceeded its maximum timer queue length. Contact your authorised distributor or reseller for assistance if this is preventing correct operation of the ISDN.

s019301: Cannot add XTEI or XSPID to a PRI

Primary rate interfaces cannot have XTEIs or XSPIDs added to them.

s019302: XTEI or XSPID out of range

The entered XTEI or XSPID is out of range. Re-enter the command using a valid XTEI value (0-63) or a valid XSPID value (0-1).

s019303: XTEI or XSPID already exists

The specified XTEI or XSPID already exists. Delete the existing XTEI or XSPID or re-enter the command using a new XTEI or XSPID value.

s019304: XTEI or XSPID list full

The LAPD XTEI or XSPID list is full. Delete one of the existing XTEIs or XSPIDs before adding another one.

s019305: Cannot delete an XTEI or XSPID from a PRI

Primary rate interfaces cannot have XTEIs or XSPIDs so they cannot be deleted either.

s019306: XTEI or XSPID does not exist

The specified XTEI or XSPID does not exist on this interface.

s019307: Cannot set NAS master interface to self

An interface in slave mode cannot set itself to be its own master interface. Re-enter the command with another interface as the master.

s019308: NAS: <string>

An error occurred entering the NAS configuration command. The error is given by <string>.

s019309: Interface number <number> does not exist

The specified interface does not exist.

s019310: Invalid parameter combination

The combination of parameters supplied was invalid.

s019311: TEI or XTEI or XSPID required

One of the parameters TEI, XTEI or XPSID is required. Re-enter the command with one of the required parameters.

s019312: TEI required

The TEI parameter is required. Re-enter the command with all the required parameters.

s020256–s020999: Synchronous Tunnelling (STT)**s020256: <string>, synchronous tunnel not found**

The specified synchronous tunnel does not exist.

s020257: <string>, no synchronous tunnels defined

There are no synchronous tunnels configured.

s020258: <string>, synchronous tunnel already exists

A synchronous tunnel with the specified name already exists.

s020259: <string>, error creating NVS block

There was an error creating the NVS block.

s020260: <string>, error reading from NVS

There was an error reading from NVS.

s020261: <string>, error writing to NVS

There was an error writing to NVS.

s020262: <string>, synchronous tunnel deleted

The specified synchronous tunnel was successfully deleted.

s020263: <string>, synchronous tunnel reset

The specified synchronous tunnel was successfully reset.

s020264: <string>, problem resetting synchronous tunnel

There was a problem resetting the specified synchronous tunnel. The operation failed.

s020265: <string> STT LSYN, invalid port number <number>

No local port with the specified number exists.

s021256–s021999: Stream Printing**s021256: No STREAM printers defined**

There are no STREAM printers defined on this router. This is an informative message only.

s021257: STREAM printer not found

The STREAM printer requested in the command could not be found. Re-enter the command with a STREAM printer that exists.

s021258: Invalid port number <number> for a STREAM printer

The port number specified for the STREAM printer is invalid because it is outside the range of valid port numbers. Re-enter the command with a valid port number.

s021259: STREAM printer already exists

The STREAM printer being added already exists, so cannot be recreated. Either use the SET STREAM command to alter the existing STREAM printer or add a new STREAM printer name.

s021260: Port already in use as a STREAM printer

The port specified in the command is already in use as a STREAM printer so cannot be used for another STREAM printer. Re-enter the command with a port that is not already a STREAM printer.

s021261: Port cannot be used as a STREAM printer

The port specified in the command cannot be used as a STREAM printer because some other module already has the port in use, or the port is autobauding. Either make the port available for use by STREAM, or specify a new port number.

s022256–s022999: TCP**s022256: The given index does not reference a current TCP session**

The user supplied index does not reference a current TCP session.

s022257: You can't delete a TCP session in listen state

The user has tried to delete a TCP session in the listen state. This is not allowed.

s023256–s023999: Ethernet Driver**s023256: There are no Ethernet instances**

The router has no Ethernet interfaces. There is no point in entering Ethernet commands.

s023257: Ethernet instance <Interface-number> does not exist

The Ethernet interface number specified does not exist. Re-enter the command with the instance number of an existing Ethernet interface.

s023258: Ethernet instance has been RESET

The Ethernet interface specified has been reset. Hardware is reset and transmit and receive queues are purged.

s023259: Ethernet instance must be specified

A Ethernet interface number “n” must be specified for this command as ETH=n. Re-enter the command with an Ethernet instance.

s023260: That link speed is not available

The Ethernet link speed requested is not supported by the Ethernet instance. Re-enter the command with a link speed at which the Ethernet interface can run.

s023261: Ethernet instance <number> can not be destroyed

The specified Ethernet interface can not be destroyed. Only virtual Ethernet interfaces created using the CREATE ETH command can be destroyed.

s023262: Ethernet instance <number> could not be created over <interface>

The specified virtual Ethernet interface could not be created because this model does not support the creation of virtual ethernet instances or because there are no free MAC addresses to assign to virtual Ethernet instances.

s024256–s024999: Permanent Assignments**s024256: Permanent assignment not found**

The command entered specified a permanent assignment to act on. This permanent assignment was not found. Re-enter the command with a permanent assignment that exists.

s024257: No permanent assignments found

There were no permanent assignments found in the router. This is an informational message only.

s024258: Permanent assignment already exists

The permanent assignment being added already exists. Either use the SET PERM command to change the parameters of this permanent assignment or specify another name to add a new permanent assignment.

s024259: Cannot create permanent assignment NVS block

In trying to create the NVS block that holds information about permanent assignments, an internal error was detected. Contact your authorised distributor or reseller for further help.

s024260: Cannot read from permanent assignment NVS block

In trying to read from the permanent assignments NVS block, an internal error was detected. Contact your authorised distributor or reseller for further help.

s024261: Cannot write to permanent assignment NVS block

In trying to write to the permanent assignments NVS block, an internal error was detected. Contact your authorised distributor or reseller for further help.

s024262: One or more parameters missing. Require LPORT, RPORT and IP

One or more of the given parameters was missing on the command. Re-enter the command with all the required parameters.

s024263: No parameters to alter, no action taken

No parameters were specified on the command line, so no action can be taken for this command. Re-enter the command with one or more parameters.

s024264: Problem resetting permanent assignment

There was an internal error resetting the permanent assignment. Contact your authorised distributor or reseller for further help.

s024265: Parameter <string>, invalid port number <number>

The port number given for the specified parameter is invalid. Re-enter the command with a valid port number.

s024266: Parameter <string>, asyn <number> is assigned

The specified port for the specified parameter is assigned and cannot be used for a permanent assignment. Re-enter the command with an unassigned port or make the port unassigned.

s024267: Parameter <string>, asyn <number> is autobauding

The specified port for the specified parameter is autobauding and cannot be used for a permanent assignment. Re-enter the command with another port, or after setting the port speed to a fixed value.

s024268: Cannot add perm if port <number> is a stream port

Ports 5000 to 5024 (inclusive) are used for streams, giving a maximum of 25 streams.

s026256–s026999: LPD Server**s026256: No currently defined LPD queue**

When displaying the LPD queue list, no defined queues were found.

s026257: Specified queue with name "<string>" has already been defined

When creating an LPD queue, the specified queue is found in the existing queue list. Specify another queue name, or delete the queue from the queue list before adding the new one.

s026258: Incorrect parameters combination

An invalid combination of parameters was specified. Refer to the Software Reference for the correct command syntax.

s026259: Unable to create new NVS table for LPD module

A problem was encountered when trying to create a new NVS table for LPD queue configurations. The NVS table may be corrupt or full. Contact your authorised distributor or reseller for assistance.

s026260: Unable to access the LPD NVS table

A problem was encountered when trying to access the NVS table for LPD queue configurations. The NVS table may be corrupt or full. Contact your authorised distributor or reseller.

s026261: LPD queue table is full

The LPD queue table is full. Delete one or more unwanted LPD queues before adding a new one.

s026262: Unable to allocate memory for the new LPD queue

A problem was encountered when trying to allocate memory for the LPD queue configuration. Check that the router's buffer has some free space.

s026263: Specified LPD queue with name "<string>" does not exist

When trying to delete an LPD queue, the specified LPD queue is not found in the LPD queue table. Use the command SHOW LPD to display a list of all LPD queues that have been defined.

s026264: Specified LPD queue with name "<string>" is not found in the NVS table

The LPD queue to be deleted was not found in the NVS table (but may have been deleted/changed in memory). The NVS table does not agree with the LPD queue configuration in RAM. Reconfiguration of the entire LPD module is advisable although it is not necessary.

s026265: Invalid port number. The valid range for port number is 0..<number>

When creating an LPD queue, the specified ASYN port does not exist. The specified port number must be within the range in the error message, and the allowable range varies from one router model to another.

s026266: Asyn <number> is being used by other module

The specified asynchronous port is being used by other module. Try choosing another asynchronous port, or releasing the asynchronous port from the other module.

s027256–s027999: Bridging**s027256: The bridge module is not enabled**

The command could not be executed because the bridge module is not enabled. Enable the bridge module and retry the command.

s027257: Bad command syntax, or bad value

The command was invalid because it contained either an illegal combination of parameters or invalid parameter values.

s027258: Invalid option

The supplied parameter was invalid.

s027259: DISABLE BRIDGE - invalid option

The DISABLE BRIDGE command was invalid. Correct it and try again, or consult the documentation for assistance.

s027260: ADD BRIDGE - not enough parameters

Too few parameters were supplied to the ADD BRIDGE command. Correct the command and try again, or consult the documentation for assistance.

s027261: DELETE BRIDGE - not enough parameters

Too few parameters were supplied to the DELETE BRIDGE command. Correct the command and try again, or consult the documentation for assistance.

s027262: SET BRIDGE - not enough parameters

Too few parameters were supplied to the SET bridge command. Correct the command and try again, or consult the documentation for assistance.

s027263: CIRCUIT parameter only valid with Frame Relay interface

The CIRCUIT parameter was specified, but is only valid when the interface is Frame Relay. Re-enter the command and omit the CIRCUIT parameter, or specify a Frame Relay interface.

s027264: SHOW BRIDGE COUNTERS - invalid option

An invalid parameter or option was supplied to the SHOW BRIDGE COUNTERS command. Correct the command and try again, or consult the documentation for assistance.

s027265: SHOW BRIDGE - invalid option

An invalid option or parameter was supplied to the SHOW BRIDGE command. Correct the command and try again, or consult the documentation for assistance.

s027266: Parameter <string> cannot appear without parameter <string>

A given mask parameter appeared in the command without the corresponding address parameter. Re-enter the command but specify the address, or leave off mask.

s027267: The bridge module has been reset

The bridge module has been reset.

s027268: The bridge configuration has been purged

The bridge configuration has been purged.

s027269: Parameters <string> and <string> incompatible with each other

The parameters specified in the message is incompatible with each other and cannot be entered in the same command. Re-enter the command, but leave one of the parameters out.

s027270: List of bridge ports invalid

The port list given in the command was invalid because of syntax error, or a port was repeated or the port did not exist. Re-enter the command with a valid list of ports.

s027271: Need a filter if specifying an entry

The ENTRY= parameter was seen on the command line but a required Bridge filter was specified. Re-enter the command and omit the ENTRY= parameter or specify a filter number.

s027272: Separator on ENCAPSULATION must be "=" when DISCRIMINATOR specified

If the DISCRIMINATOR parameter is specified, the ENCAPSULATION parameter must have the condition =, since setting the DISCRIMINATOR to a value and setting the encapsulation condition to "!=" is logically inconsistent.

s027273: SET BRIDGE MULTICAST - no or bad qualifier

The qualifier supplied with the SET BRIDGE MULTICAST command was either missing or invalid.

s027274: SET BRIDGE AGEINGTIMER - bad value for ageingtimer

The ageing timer value supplied to the SET BRIDGE AGEINGTIMER command was invalid.

s027275: The bridge module is already enabled

The bridge module is already enabled.

s027276: The bridge module has been enabled

The bridge module is now enabled.

s027277: The bridge module has been disabled

The bridge module has been disabled.

s027278: The bridge module is already disabled.

The bridge module is already disabled.

s027279: Spanning tree protocol has been disabled

The spanning tree protocol has been disabled.

s027280: Learning has been disabled

The bridge's learning function has been disabled.

s027281: Bridge filter <number> not found

The given Bridge filter was not found for this command. Re-enter the command with an existing filter.

s027282: Bridge filter entry <number> in filter <number> not found

The given Bridge filter entry in the given filter was not found. Re-enter the command with a valid entry in the filter.

s027283: DISCRIMINATOR value not compatible with ENCAPSULATION value

The value given for the DISCRIMINATOR parameter is not compatible with the value given for the ENCAPSULATION parameter. The length of the discriminator depends on the encapsulation.

s027284: Filter or filter entry could not be deleted

There was a problem deleting either a Bridge filter entry or an entire Bridge filter. This is usually a result of the entry not being found.

s027285: DISCRIMINATOR not allowed for Novell encapsulation

The encapsulation specified in the command is Novell. This encapsulation does not have any defined discriminator values, so the DISCRIMINATOR parameter in the command is not allowed. Re-enter the command and either change the encapsulation or remove the DISCRIMINATOR parameter.

s027287: Unknown interface specified

The specified interface is not defined or not supported by the bridge module.

s027288: Port already exists

The specified bridge port is already defined.

s027289: Portname already exists

The specified port name is already defined.

s027290: No room in table to add new port

There are no free slots in the bridge port table. No more ports may be defined.

s027291: Port could not be found

The specified port is not known.

s027292: No ports currently configured

There are no bridge ports configured.

s027293: CIRCUIT=n parameter required for Frame Relay interfaces

The CIRCUIT=n parameter is required for Frame Relay interfaces.

s027294: The Bridge can have only a single virtual port when a VLAN is attached

The Bridge can have only a single virtual port when a VLAN is attached - i.e. when VLAN-WAN bridging is configured.

s027298: Invalid or no encapsulation type given

No valid encapsulation type was supplied.

s027299: Protocol length does not match protocol type

The length of the specified protocol does not match its type.

s027300: Bad protocol format, not in hexadecimal

The specified protocol type was not valid hexadecimal.

s027301: No protocol field provided

No protocol was specified.

s027302: Protocol already defined

The specified protocol has already been defined.

s027303: Name not found

The named protocol could not be found.

s027304: Index not found

The specified index could not be found.

s027305: Protocol index or name already used in table

The specified protocol or index is already defined in the protocol table.

s027306: No protocols currently configured

No protocols are configured.

s027309: Group already exists

The specified group already exists.

s027313: No room in table to add new group

There is no room to add further groups.

s027314: The specified group could not be found

The specified group could not be found.

s027315: The specified group could not be found

The specified group could not be found.

s027316: The specified group could not be found

The specified group could not be found.

s027317: Only virtual ports can belong to a group

The specified port is not a virtual port. Only virtual ports can belong to a group.

s027318: Connection between deleted group <number> removed from Port <number>

The connection to the specified group (which has been deleted) has been removed from the specified port.

s027319: No groups currently configured

There are no groups configured at this time.

s027322: Parameter <string> must contain an even number of HEX digits

The specified parameter is a HEX string representing a string of octets. Since each octet requires two HEX digits to represent it, there must be an even number of HEX digits in the string. Re-enter the command with an even number of HEX digits for the specified parameter.

s027328: Invalid MAC address format

The supplied Ethernet MAC address is invalid.

s027329: Bad destination port value

The supplied destination port is invalid.

s027330: The filter index is not unique

The supplied filter index is not unique.

s027331: The specified index could not be found

The specified index could not be found.

s027332: A bridge group address filter can't be deleted

An attempt was made to delete a bridge group address filter, but this operation is not allowed.

s027333: No MAC address or source port specified

The MAC address or source port was not specified.

s027334: Invalid MAC address format

The supplied MAC address is invalid.

s027335: A bridge self address filter can't be deleted

An attempt was made to delete a bridge self-address filter, but this operation is not allowed.

s027336: The specified filter could not be found

The specified filter could not be found.

s027337: No MAC address and source port, or index specified

A MAC address and source port, or index, was not specified.

s027338: No filters currently available or configured

No filters were found.

s027339: Invalid MAC address format

The specified MAC address was invalid.

s027340: Must specify interface

The interface parameter is missing.

s027339: Must specify item to set

No item has been specified to be set.

s030256–s030999: X.25 Layer 3 (DTE)**s030256: DTE interface specified does not exist**

The specified DTE interface does not exist. Use the command **SHOW X25T[=x25-interface]** to display the list of DTE interfaces defined.

s030257: No value allowed for parameter X25T

The X25T parameter in the specified command does not accept a value.

s030258: Call parameter instance number <number> already exist

When adding a call parameter instance, a call parameter instance with the same number has been found in the call parameter table. Use the command

SHOW X25T CPAR[=call-index] to display the list of currently defined call parameter instances.

s030259: Call parameter <number> does not exist

The specified call parameter instance does not exist. Use the command SHOW X25T CPAR[=call-index] to display the list of currently defined call parameter instances.

s030260: <string>, string not even length

The parameter USERDATA requires a value that is a data string with an even length. Re-enter the command again with a user data string with an even length.

s030261: Interface must be specified

The X25T interface number must be specified when entering the command.

s030262: PVC index must be between 1 and <number>

An invalid PVC index was specified.

s030263: Specified PVC already exists

The specified PVC to be added already exists in the PVC table. Use the command SHOW X25T[=x25-interface] CIRCUIT to display the list of all or a given circuit's PVCs.

s030265: Unable to copy call parameters from existing ones

There was a problem copying the specified call parameter instance from the NVS table. The NVS table may be corrupted.

s030267: Invalid parameters combination

An invalid combination of parameters was entered. Refer to the Software Reference for the correct command syntax.

s030268: DTE instance number <number> already exists

The specified DTE instance already exists. Use the command SHOW X25T[=x25-interface] to display the list of DTE interfaces defined.

s030269: <string>, invalid parameter value

An invalid value was entered for the specified parameter.

s030270: Unsupported link layer implementation

The specified link layer entity is not currently supported. Refer to the Software Reference for a list of currently supported LLEs for X25T interfaces.

s030271: LLE instance specified is invalid or does not exist

The specified LLE instance does not exist or is invalid. Use the SHOW command for the appropriate LLE module to see the currently defined LLE instances.

s030272: LLE instance specified is currently used

If a LAPB instance is used as the LLE for an X25T interface, it must not be used by another routing module. Make sure that the LAPB instance is not being used by another routing module.

s030273: Channel parameters are not consistent

One or more values entered for the LIC, HIC, LTC, HTC, LOC, HOC, NPVC and MAXACTIVE parameters are inconsistent with the others. Refer to the Software Reference for consistency rules for these parameters.

s030279: <string>, invalid parameter

An invalid parameter was entered in the command line. Refer to the Software Reference for the correct command syntax.

s030281: Default call parameter <number> does not exist

The specified default call parameter does not exist. Use the command SHOW X25T CPAR to display the list of all call parameter instances defined.

s030282: <string> and <string> must both be 0 or both be greater than 0

One of the given channel range limits is zero, which means the limit is not currently in use. Both of the channel range limits given must be zero (i.e. there are no channels of that type usable) or greater than zero (i.e. channels of the indicated type are available within the given range).

s030283: <string> (<number>) must be greater than <string> (<number>)

The channel ranges specified are overlapping.

s030284: <string> (<number>) must be the same as <string> (<number>) or greater than it

An inconsistent channel range has been specified. The highest limit must be the same as or greater than the lowest limit.

s030285: Message must be an even number of HEX digits

A X25T message has been specified which is an odd number of HEX digits. Since each octet of the message is represented by 2 HEX digits, this represents a meaningless non-integral number of octets. Re-enter the command with an even number of hexadecimal digits in the message.

s031256–s031999: FLASH Driver**s031256: Specified file name is invalid. Must be in the form of
MMMM\NNNNNNNN.TTT**

The file name entered had an invalid syntax. The correct syntax for a file name is MMMM\NNNNNNNN.TTT, where MMMM is the module name, NNNNNNNN is the file name and TTT is the extension.

s031257: Invalid data byte <<string>>. Must be in the range of [00..FF]

An invalid data string was entered. The data string must consist of hexadecimal numbers (0x00 - 0xFF), and must be an even length string.

s031258: Invalid hexadecimal data byte: <<string>>

An invalid data string was entered. The data string contains an invalid hexadecimal number. A valid data string must consist of hexadecimal numbers (0x00 - 0xFF), and must be an even length.

**s031259: Invalid parameter combination. The correct command should be:
<string>**

An invalid parameter combination was specified.

**s031260: Flash compacting... DO NOT restart the router, or power down
until compaction is completed**

The message tells the manager not to restart the router while a flash compaction is under way, otherwise flash could become corrupt.

s031261: Flash compaction successfully completed

The message tells the manager that the flash compaction has successfully completed.

s031262: Flash compaction failed. Error = <number>

The message tells the manager that the flash compaction has failed.

s031263: Flash file rename under way... DO NOT restart the router or alter Flash until rename is completed

The message tells the manager not to restart the router while a flash file rename is under way, otherwise flash could become corrupt.

s031264: Flash file rename successfully completed

The message tells the manager that the flash file rename has successfully completed.

s031265: Flash file rename failed. Error = <number>

The message tells the manager that the flash file rename has failed.

s031266: Compaction could not be started, Load module is currently writing to Flash

Flash compaction could not be started because the LOAD command is currently writing to flash. Use the SHOW LOAD command to monitor the progress of the LOAD command, and try again later.

s031267: Flash compaction detected non erased locations. Attempting to correct

At the start of a compaction, the Flash File System detected locations that were supposed to be erased were not erased. Unless these locations are erased, the Flash File System becomes corrupt so a clean up is attempted.

s031268: Flash compaction corrected non erased locations

The Flash File System successfully erased the locations that it detected as being unerased.

s031266: Critical error writing header for file <string>

An error occurred while writing a file header. A corrupt header causes the file system to fail. The best way to proceed with a corrupt header is to make it as safe as possible by marking it as deleted and setting its size to incomplete.

s033256–s033999: TELNET**s033256: Attempting Telnet connection to <Remote-Node>, Please wait...**

A Telnet connection is being made to the specified remote node.

s033257: The TELNET termtype is set to: <string>

The message shows the current setting of the Telnet termtype.

s033258: Outbound Telnet connections not permitted

The user issuing the TELNET command does not have permission to initiate Telnet sessions.

s033259: There are no free sessions available

The maximum number of sessions is exceeded. Delete one or more sessions before proceeding to create another session.

s033260: Parameter LISTENPORT, Port is already in use

The chosen Telnet listenport is already in use.

s033261: Cannot set MAXSESSIONS below the number of current sessions

The user has attempted to set the maximum number of concurrent Telnet sessions to below the number of sessions currently established.

s034256–s034999: System**s034256: Insufficient memory to allocate help tree**

The router has insufficient memory to allocate another help structure.

s034257: The help file is corrupt

The router is unable to read the help file. The help file may be corrupt.

s034258: The help file <string> was not found on the system. No online help is currently available

The specified help file no longer exists on the system.

s034259: No help is available on the system. Please load the appropriate help file onto the system, or refer to the router reference manual

No file could be found. No help file is specified and no default help file could be found.

s034260: The help file was not completely read

The help file was not completely read due to a file error.

s034261: Unknown help command

The help command was not parsed to a known help page.

s034262: Flash is currently busy, try the router restart later

The flash is currently busy, and restarting the router at this time may corrupt the files stored in flash.

s034263: Q931, PRI and PBX parameters (where applicable) set to defaults for specified territory

Setting the territory causes various territory related parameters in the Q931, PRI and PBX modules to be set to their defaults for that territory. Some or all of these modules may not be applicable to a particular router.

s034264: <string> debugging already enabled

The debug option that the user is trying to enable is already enabled

s034265: <string> debugging is not enabled

The debug option that the user is trying to enable is already disabled

s034266: Board <string> hot-inserted

The specified board has been hot-swapped into the router.

s034267: Board <string> hot-swapped in

The specified board has been hot-swapped into the router.

s034268: Board <string> hot-swapped out

The specified board has been hot-swapped out of the router.

s034269: Board <string> cannot be hot-swapped

Hot swapping is not implemented for the board described.

s034270: Board <number> is not present in the router

The board number is out of range or the board specified is not present.

s034271: Slot <number> does not exist in board <number>

The slot number specified is greater than the number of slots on the board.

s034272: Hot swap of board <number> slot <number> failed

The requested hot-swap operation could not be completed.

s034273: Invalid date

The date specified in the SET DATE command was invalid. The date must be entered in the format "dd-mmm-yyyy". Re-enter the command with a valid date.

s034274: Invalid time

The time specified in the SET TIME command was invalid. The time must be entered in the format "hh:mm:ss". Re-enter the command with a valid time.

s034275: Cannot disable SLAVE asyn port

The command the user is attempting to run does not exist.

s034276: Compact flash is currently busy, try the router restart later

The router is currently accessing the compact flash card. The router should not be restarted until it has finished accessing the compact flash card.

s034277: Slave not present

On a router with controller redundancy, the slave controller is not present.

s034278: <string> not supported on this device

A SYSR command has been executed on a device that does not support SYSR but has the commands included.

s034279: <string> is not enabled

For the requested operation to succeed PBR or PBR debug must be enabled.

s034280: Device must be restarted for the change to take effect

The command entered does not exist.

s034281: PSU<number> board <string> fan failed

The power supply hardware module fan has failed.

s034282: PSU<number> board <string> fan now good

The power supply hardware module fan is now good.

s034283: PSU<number> board <string> temperature too high

The power supply hardware module is over heated.

s034284: PSU<number> board <string> temperature now good

The power supply hardware module is now at correct operating temperature.

s034285: PSU<number> board <string> power is bad

The power supply hardware module is over heated.

s034286: PSU<number> board <string> power is now good

The power supply hardware module is now at correct operating temperature.

s034287: PSU<number> fan only board <string> fan failed

The power supply fan only hardware module fan has failed.

s034288: PSU<number> fan only board <string> fan now good

The power supply fan only hardware module fan is now good.

s034289: PSU test cannot be completed because two power supply units are not present

Either the power supply unit test is activated and two power supplies are not present, or the power supply fan only hardware module fan has become good.

s034290: Loadshare PSU test failed: PSU<number> board <string> power is bad

The power supply unit loadshare test failed because the power is bad for the specified power supply unit.

s034291: Loadshare PSU test passed: PSU<number> board <string> power is good

The power supply unit loadshare test passed. The power is good for the specified power supply unit.

s034292: PSU test cannot be completed because a power supply unit's power is bad

The power supply unit loadshare test failed because the power is bad for a power supply unit.

s034293: ATM parameters set to defaults for specified country

Setting the country identifier for the device changes some of the default settings for the ATM module.

s034294: Incompatible PSU/FOM unit inserted <string>

The combination of power supply units and/or fan only module is incompatible for the reason given in the message. Either remove or replace one of the units.

s035256–s035999: Command Processor**s035256: Unknown command "<string>"**

An unknown command was detected. Either the command is not supported or there was a typing error entering the command. Refer to the Software Reference for the correct command syntax and re-enter the command.

s035257: Privilege violation

A privilege violation was detected in processing the command. The command cannot be successfully executed unless the privilege is changed to the correct level. Re-enter the command after the privilege level has been changed.

s036256–s036999: TTY**s036256: Specified TTY <string> is too long**

The specified TTY prompt is too long. Refer to the Software Reference for the maximum prompt length.

s036257: <string> Command: SET TTY [HISTORY=history] [PAGE=page] [PROMPT=prompt] [TYPE=type]

When entering the command, an invalid combination of parameters was specified. Follow the command syntax as suggested in the error message.

s036258: Specified TTY instance is not configured

The specified TTY instance is not configured. Use the command SHOW TTY[=ALL] to display the list of all TTY instances configured.

s036259: <string> Command: SHOW TTY [{={ALL|n}}]SUMMARY}

When entering the command, an invalid combination of parameters was specified. Follow the command syntax as suggested in the error message.

s036260: Unable to open/update the NVS table

A problem was encountered when the TTY module attempted to access the NVS table. The NVS table may have been corrupted.

s036261: CONNECT, no service name specified

The CONNECT command was specified without a service name. Specify a service name after the "CONNECT" keyword.

s036262: CONNECT, invalid service name "<string>"

The service name specified is not valid. It may be too long or contains non-alphanumeric character(s).

s036263: CONNECT, no free sessions available

The maximum number of sessions is exceeded. Delete one or more sessions before proceeding to create another session.

s036264: CONNECT, service requested not found

The service specified for the session is not on the service list. Use the command SHOW SERVICE to display the list of currently available services.

s036265: CONNECT, port service busy, or not defined

When trying to connect to a service, the port(s) assigned to the service is either being used or invalid.

s036266: Local port (<string>) assigned to service (<string>)

The specified port is currently assigned to a service and cannot be used for other purposes.

s036267: CONNECT, unsupported service type

The service type specified is invalid. Currently only "INTERACTIVE" and "TELNET" services are supported. Refer to the Software Reference for a list of supported service types.

s036268: Invalid reconnect command <string>

The RECONNECT command requires a current connection number as a parameter.

s036269: Not enough privilege to <string>, must be MANAGER privilege

There is not enough privilege to execute the command. Log in as "manager" or as a user with Manager privilege and re-enter the command.

s036270: Session <number> not currently connected

When trying to reconnect or disconnect a session, no active session with the specified session number was found.

s036271: Reconnected to session <number> (<string>)

The connection to the specified session has been re-established.

s036272: Invalid disconnect command <string>

The DISCONNECT command requires a current connection number as a parameter.

s036273: Invalid session number <string>

The session number specified is invalid. Enter a session number from 1 to 5.

s036274: Session <number> not currently connected

The specified session is not currently connected. Use the command SHOW SESSION to display the list of active sessions.

s036275: Disconnected from session <number> (<string>)

The specified connection has now been disconnected.

s036276: Invalid show session command <string>

Invalid command. Refer to the Software Reference for the correct command syntax.

s036277: Command number not found

The command history buffer does not contain a command with the specified number. Use the command SHOW ASYN HISTORY to display the command history.

s036278: The history list is empty

The asynchronous command history buffer is empty.

s036279: Not permitted to show TTY(s), unless with MANAGER privilege

The specified command requires Manager privilege. Log in as "manager" or as a user with Manager privilege, and re-enter the command.

s036280: User is not logged on

The specified user is not logged on to the system.

s036281: Connect fails because of security reason

The connection has been refused because of security problems. Refer to the Software Reference for more information.

s036282: Local port (port<number>) is busy, try again later

The local port cannot be connected to as it is currently in use.

s036283: Invalid port number

The specified port number is invalid.

s036284: The filename given is invalid

The given filename is not valid for some reason, such as being too long or having a bad file type.

s036285: This file is not a text file and can't be edited

The given file type cannot be edited. This message is displayed if a user attempts to edit a PATCH or RELEASE file.

s036286: The terminal type for this TTY is set to dumb

The terminal type for this TTY is set to DUMB. The TTY terminal type should be set to VT100 before an editing session can start.

s036287: Syntax: EDIT [filename]

The correct syntax for the edit command is "EDIT [filename]".

s036288: Flash is currently busy, try again later

The flash memory is busy (probably compacting). Don't try editing files at this time.

s036289: Insufficient storage space to edit this file

There is not enough storage space to edit this file.

s036290: This file is currently being edited by another user

An attempt was made to created or edit a file that is currently being edited by another user. Wait until the other user has finished editing the file, and try again.

s036291: This file is currently in use by another process

An attempt was made to created or edit a file that is currently in use by another process. Wait until the other user has finished editing the file, and try again.

s036290: Invalid GUI Command - editing files is not available from the GUI Command Line

An attempt was made to edit a file from the GUI Command Line - editing files is not available from the GUI Command Line.

s037256–s037999: ISDN Call Control**s037256: Parameter <string>, invalid ISDN call name**

A parameter that should be an ISDN call name had an invalid value. Re-enter the command with a valid ISDN call name.

s037257: Call name cannot be a number

The call name entered consisted entirely of decimal digits and so could be interpreted as a decimal number. This is not allowed for call names. Re-enter the command with a valid call name.

s037258: Call name too short

The call name entered was too short. Re-enter the command with a name of the correct length range.

s037259: Call name too long

The call name entered was too long. Re-enter the command with a call name in the valid length range.

s037260: Active call not found

The active call specified was not found. Re-enter the command with a call index that is active.

s037261: Invalid ISDN interface

The ISDN interface entered was not well-formed. Re-enter the command with an ISDN interface with valid syntax.

s037262: ISDN interface not found

The ISDN interface specified does not exist on this router. Re-enter the command with an interface that does exist.

s037263: Call already exists

The call specified in the command already exists and cannot be added again. Re-enter the call with a new name, or use the SET command to change the existing call name.

s037264: Call not found

The call specified was not found and cannot be modified. Re-enter the command with a call that already exists, or use the ADD command to add a new call.

s037265: Call <string> has been activated as active call <number>

The specified call has been activated, with the given active call index.

s037266: Call has no user attached

The specified call could not be activated because no higher layer module, such as PPP or Frame Relay, is attached to the call. Make sure that there is a higher layer attached to the call before activating.

s037267: No free user instances

The call activated had no free instances available for making this call. Another instance of the higher layer over this call must be created before reactivating the call.

s037268: No resources for the call

A resource such as memory, a B channel or an active call slot is missing and the call cannot be activated. Check that call slots, B channels and memory are available and reactivate the call.

s037269: Call is disabled

The call specified for this command is disabled. Either enable the call and re-enter the command or use a call that is enabled.

s037270: Invalid return code <number>

The return code from an internal function is invalid and has the stated value. Report the error message to your authorised distributor or reseller, along with the command that was entered.

s037271: Parameter <string> missing

The parameter specified is missing from the command line. Re-enter the command and supply the missing parameter.

s037272: Call name the same as remote call name

The call name and remote call name cannot be the same since they are used to determine the precedence of the call, and if they are the same this cannot be done. Re-enter the command with a different call name for the call or remote call.

s037273: No more calls allowed

While altering the NVS (non-volatile storage) an error was detected. Report this problem to your authorised distributor or reseller, giving the command entered and the error code from the message.

s037274: NVS error <number> processing command

While altering the NVS (non-volatile storage) an error was detected. Report this problem to your dealer, giving the command entered and the error code from the message.

s037275: All active calls for call <string> deactivated

All active calls for the given call have been deactivated.

s037276: One active call deactivated

One active call was deactivated.

s037277: Call has attachments

The call in the command has higher layer modules attached to it, so cannot be deleted. Clear the higher layer attachments before attempting to delete the call.

s037278: Call already disabled

The specified call is already disabled. Re-enter the command with a call that is enabled.

s037279: Call already enabled

The specified call is already enabled. Re-enter the command with a call that is disabled.

s037280: ISDN log already enabled

The ISDN call log is already enabled.

s037281: ISDN log already disabled

The ISDN call log is already disabled.

s037282: ISDN call logging is disabled

The ISDN call logging function is disabled, so there is nothing to show in the log. Enable ISDN call logging to get some output from the SHOW ISDN LOG command.

s037283: No calls in ISDN log

There are currently no calls in the ISDN log.

s037284: No ISDN call details found

There were no ISDN call details found on this router.

s037285: No ISDN active calls found

There were no ISDN active calls found on this router.

s037286: Number <string> already exists on CLI list <number>

The specified number already exists on the specified CLI list. Re-enter the command with a new CLI list or a different number.

s037287: NVS error adding CLI list entry to static table

There was an unspecified NVS error adding the CLI list entry to the CLI static table. Report this problem to your authorised distributor or reseller.

s037288: Number <string> not found in CLI list <number>

The specified number was not found in the specified CLI list. Re-enter the command with the correct list or the correct number.

s037289: CLI list <number> is empty

The specified CLI list is empty and cannot be displayed. This is an informational message.

s037290: There are no CLI lists defined

In a request to show all CLI lists, nothing can be displayed since there are no CLI lists defined. This is an informational message.

s037291: Interface not allocated to ISDN

The interface specified is not actually allocated to ISDN, and therefore cannot be used for an ISDN command.

s037292: The default domain name is <string>

The domain name displayed is appended to the login name for a Domain Name Service (DNS) query in order to find an Internet Protocol (IP) number to be associated with the user. This is only done if: 1) the user was authenticated using TACACS, 2) the user name supplied does not contain a "." (which is taken to indicate that the name is already fully qualified), and 3) a default domain name has been specified.

s037293: The default domain name has been deleted

The ACC default domain name has been successfully deleted.

s037294: Can only activate call when direction set to 'out' or 'both'

An attempt was made to activate a call, but the specified call definition does not have a DIRECTION of "OUT" or "BOTH" and can only be used to answer incoming calls. Change the call definition, setting DIRECTION to "OUT" or "BOTH", or use a different call definition.

s0372945: Not enough free memory to create another ISDN call'

The device cannot create more ISDN calls due to limited memory. The call cannot be added unless another call is deleted.

s038256–s038999: MIOX**s038256: <Interface>, specified interface does not exist**

The specified interface does not exist.

s038257: Invalid parameter combination

The combination of parameters specified was invalid.

s038258: Unknown internal error

While processing the command, an unexpected internal error occurred. This normally indicates a software problem or a corrupt configuration. Contact your authorised distributor or reseller.

s038259: No circuits configured for interface

No circuits have been configured for the specified interface.

s038260: Specified circuit not found for interface

The specified circuit could not be found.

s038261: Specified circuit not found for any interfaces

The specified circuit could not be found.

s038262: No circuits configured for any interfaces

No circuits have been configured.

s038263: No interfaces configured

No interfaces have been configured.

s038264: Could not access NVS

While processing the command, the NVS (permanent configuration) could not be read or updated. This normally indicates a software problem or a corrupt configuration. Contact your authorised distributor or reseller.

s038265: <Circuit>, specified circuit name does not exist

The specified circuit does not exist.

s038266: <DTE-address>, specified circuit DTE address already exists

The DTE address specified already exists.

s038267: <Circuit>, circuit is unavailable or does not exist

The specified circuit is not available for use or does not exist.

s038268: <CPAR-entry>, specified call parameter entry does not exist

The specified call parameter entry does not exist.

s038269: Must not specify both DTEADDRESS and PVC

It is not valid to specify both the DTEADDRESS and PVC parameters for this command.

s038270: PVC circuits cannot support multiple encapsulations

PVC circuits are not able to support multiple encapsulations.

s038271: Encapsulation does not support attached user modules

The encapsulation is singular and there is more than one module attached or the attached module is not supported.

s038272: <Circuit>, specified circuit name already exists

The specified circuit name already exists.

s038273: Must specify CIRCUIT circuit name

A circuit name is required but was not entered.

s038274: Must specify either DTEADDRESS or PVC

At least one of the DTEADDRESS and PVC parameters must be supplied.

s038275: Missing parameter

A parameter is missing for the specified command.

s038276: Circuit is still in use

When deleting a circuit, a check is made that no user module is using the circuit before it can be deleted.

s038277: Circuit is already enabled

The circuit is already enabled.

s038278: Circuit is already disabled

The circuit is already disabled.

s038279: Cannot activate a PVC circuit

The activation of a circuit failed because of an internal error.

s038280: Must specify parameter USER for multiple encapsulation

The USER parameter must be specified when the encapsulation type of the circuit is "MULTIPLE".

s038281: Circuit user module is not attached to circuit

No user module is configured to the specified MIOX circuit.

s038282: Circuit is disabled

When activating or deactivating a MIOX circuit, a check is made to see if the specified circuit is enabled.

s038283: Circuit call is already active

The circuit to be activated is already in the active state.

s038284: No available channels to activate call over

A call collision has occurred.

s038285: Call is already being attempted

The call is already open or is being setup.

s038286: Cannot deactivate a PVC circuit

PVC channels are by default always active and therefore cannot be deactivated.

s038287: Must not specify parameter USER for singular encapsulations

When a singular encapsulation is used, the USER parameter must not be specified.

s038288: Call failed as compression unavailable

The MIOX call failed because software compression is not enabled or hardware compression is unavailable.

s039256–s039999: BOOTP**s039256: Unable to open and/or update the NVS table**

While executing the command, the NVS (permanent configuration storage) tables could not be read or updated. This normally indicates a software problem or a corrupt NVS. Contact your authorised distributor or reseller.

s039257: Max. number of relay dest. addresses exceeded

No more relay destination addresses may be defined.

s039258: Specified relay destination does not exist

The specified relay destination does not appear in the current configuration.

s039259: Specified relay destination already exists

The specified relay destination is already defined.

s039260: BOOTP relay agent is already disabled

The BOOTP agent is already disabled.

s039261: BOOTP relay agent is already enabled

The BOOTP agent is already enabled.

s039262: Unknown internal error

An internal error occurred while processing the command. This normally indicates a software problem or a corrupt configuration. Contact your authorised distributor or reseller.

s039263: Invalid BOOTP relay destination

The specified BOOTP relay destination is invalid.

s040256–s040999: Network Time Protocol (NTP)**s040256: NTP is not enabled**

The NTP module is not enabled, therefore the command could not be executed.

s040257: Unable to open and/or update NVS table

The command may be executed but the information specified is not stored in the NVS.

s040258: No interface is specified for the router

No IP interface is defined in the router, which is essential for the operation of the NTP module.

s040259: Specified peer already defined

The specified peer address has already been defined.

s040260: Specified peer does not exist

The specified peer does not exist in the peer list. Specify another peer to delete, or check that the IP address given is correct.

s040261: NTP module is already disabled

The NTP module is already disabled.

s040262: NTP module is already enabled

The NTP module is already enabled.

s040263: Unknown internal error

An unknown internal error has occurred. Report this problem to your authorised distributor or reseller.

s040264: Unable to open a UDP port

NTP operation relies on the UDP transport protocol, but no UDP port is available to be used by NTP.

s040265: Unable to close UDP port

The UDP port used by NTP cannot be closed.

s040266: Only one peer is allowed

The current NTP implementation only supports time synchronisation with a peer. To change the peer, delete the current peer and specify the new peer with the ADD NTP PEER command.

s040267: <string>, invalid time format

The specified UTC offset is not in the correct format. The correct UTCOFFSET format is in the form of HH:MM:SS, and the value can range from -24:00:00 to +24:00:00.

s040268: PEER parameter must be specified, and nothing else

Too much information was entered on the command line. Refer to the Software Reference for the correct command syntax.

s040269: No other parameter is required

An illegal parameter was entered on the command line. Refer to the Software Reference for the correct command syntax.

s040270: Only one of POLL|UTCOffset parameter may be specified

The command requires either the POLL or UTCOffset parameter. No other parameters are allowed.

s040271: Invalid zone or time for UTC offset

The NTP or LOG UTC offset given is invalid. The UTC offset may be given in the form of time zone for example NZDT or as time offset such as +12:00:00.

s041256–s041999: BRI Driver**s041256: Instance has been RESET**

The BRI interface specified has been reset. The hardware is reset and the S/T loop activation procedure is reinitialised. If a frame is being transmitted the transmission is aborted. The receive queue is purged.

s041257: Instance must be specified

A BRI interface number “n” must be specified for this command as BRI=n.

s041258: Another test already enabled

Only one BRI CTEST may be enabled at a time. Use the command DISABLE BRI CTEST to disable the currently active CTEST before enabling another test.

s041259: Interface "<Interface-number>" not present

The specified BRI interface number does not exist.

s041260: The MODE parameter is required with the ISDNSLOTS or TDMSLOTS

The desired BRI mode must be specified if the ISDN slots or TDM slots for the interface are to be changed.

s041261: When MODE is ISDN the TDMSLOTS parameter is not allowed

When setting the BRI mode to ISDN it makes no sense to specify the TDM slots; only the ISDN slots may be specified.

s041262: When MODE is TDM the ISDNSLOTS parameter is not allowed

When setting the BRI mode to TDM it makes no sense to specify the ISDN slots; only the TDM slots may be specified.

s041263: When the MODE is MIXED both ISDNSLOTS and TDMSLOTS required

When setting the BRI mode to MIXED both the ISDN and TDM slot masks must be specified.

s041264: TDMSLOTS value is not compatible with current TDM groups

The change to the slots available to the TDM module for this interface is not permitted as it would remove some slots that are currently in use by TDM groups.

s041265: ISDNSLOTS value is not compatible with active ISDN calls

The change to the slots available for ISDN calls for this interface is not permitted as it would remove some slots that are currently in use by active ISDN calls.

s041266: Illegal slot specified, only slots 1 and 2 are available on BRI

An illegal slot list was specified for the ISDNSLOTS or TDMSLOTS parameter. The only slots available on a BRI interface are 1 and 2.

s041267: The same slot is included in ISDNSLOTS and TDMSLOTS

The slots available for ISDN calls may not include any of the slots specified for TDM groups and vice-versa.

s041268: U interfaces do not support semipermanent ISDN circuits

In the USA, semipermanent ISDN circuits are not available so the interface MODE may not be set to TDM or MIXED, nor may the ACTIVATION parameter be set to ALWAYS.

s042256–s042999: PRI Driver**s042256: Interface "<Interface-number>" not present**

The specified PRI interface does not exist.

s042257: Instance has been RESET

The PRI interface specified has been reset. The hardware is reset and the S/T loop activation procedure is reinitialised. If a frame is being transmitted the transmission is aborted. The receive queue is purged.

s042258: Instance must be specified

A PRI interface number "n" must be specified for this command as PRI=n.

s042259: Another test already enabled

Only one PRI CTEST may be enabled at a time. Use the command DISABLE PRI CTEST to disable the currently active CTEST before enabling another.

s042260: Specified channel not yet used

There are no counters available to be shown for the specified channel because that channel has not yet been used since the router was last rebooted.

s042261: The MODE parameter is required with the ISDNSLOTS or TDMSLOTS

The desired PRI mode must be specified if the ISDN slots or TDM slots for the interface are to be changed.

s042262: When MODE is ISDN the TDMSLOTS parameter is not allowed

When setting the PRI mode to ISDN it makes no sense to specify the TDM slots; only the ISDN slots may be specified.

s042263: When MODE is TDM the ISDNSLOTS parameter is not allowed

When setting the PRI mode to TDM it makes no sense to specify the ISDN slots; only the TDM slots may be specified.

s042264: When the MODE is MIXED both ISDNSLOTS and TDMSLOTS are required

When setting the PRI mode to MIXED both the ISDN and TDM slot masks must be specified.

s042265: TDMSLOTS value is not compatible with current TDM groups

The change to the slots available to the TDM module for this interface is not permitted as it would remove some slots that are currently in use by TDM groups.

s042266: ISDNSLOTS value is not compatible with active ISDN calls

The change to the slots available for ISDN calls for this interface is not permitted as it would remove some slots that are currently in use by active ISDN calls.

s042267: The same slot is included in ISDNSLOTS and TDMSLOTS

The slots available for ISDN calls may not include any of the slots specified for TDM groups and vice-versa.

s042268: ISDNSLOTS must include slot <number> for the D channel

When the mode is ISDN or MIXED the slot used by the ISDN D channel must be included in the slots reserved for ISDN calls and may not be included in the slots reserved for TDM groups.

s042269: This interface may only be used in TDM mode

The mode of this interface may not be set to ISDN or MIXED as it is not capable of working in other than TDM mode.

s042270: The parameter "<string>" is not valid for a "<string>" interface

The parameter specified is not applicable to the interface type.

s042271: Line length and LBO values are inconsistent, minimum long haul line length is <number> feet

The Line Build Out (LBO) parameter is applicable only to long haul installations and may not be other than 0dB if the line length is less than the

specified value for a given interface. If the line length is less than or equal to this value then LBO may only be 0dB, or if a LBO value other than 0dB is required the line length must be set to a value greater than the specified value.

s042272: The parameter "<string>" applies only to LINK counters

The SHOW PRI command parameters HISTORY, NEAR, FAR and BOTH are applicable only when displaying the LINK counter category. Therefore these parameters are only allowed with a SHOW PRI COUNTER command that would display this category of counters.

s042273: A slot number specified for the "<string>" parameter is illegal for a T1 interface

The legal slot numbers for a T1 interface from 1 to 24 inclusive. Slot numbers outside this range are illegal.

s042274: The specified interval number is invalid, maximum is <number>

The specified history interval number is invalid because the router has been restarted within the last 24 hours and not all 96 possible intervals are available, the last available interval number is given in the message. Interval number 1 is the oldest interval and the maximum interval number is the current interval.

s042275: This interface does not support link counters

Not all implementations of E1/T1 PRI interfaces support link counters and the indicated PRI instance is one of these.

s042276: No counters for the far end of the link are available

Far end counters are available only for E1 in the REPORTING CRC mode and for T1 with ESF framing and when Performance Report Messages are being received from the far end.

s043256–s043999: PORT Driver

s043256: ASYN is the only permitted parameter

ASYN is the only permitted parameter for the ENABLE ASYN or DISABLE ASYN commands.

s043257: Illegal parameter. RESET ASYN [{HISTORY|COUNTERS}]

HISTORY and COUNTERS are the only parameters permitted for the RESET ASYN command.

s043258: Illegal parameter. SHOW ASYN {SUMMARY|HISTORY} or SHOW ASYN[={ALL|n}] or SHOW ASYN[=n] COUNTERS={INT|RS232|DIAG}

An illegal combination of parameters was entered. The legal possibilities are SHOW ASYN {SUMMARY | HISTORY}, SHOW ASYN[={ALL | n}] and SHOW ASYN[=n] COUNTERS={INT | RS232 | DIAG}.

s043259: Not enough privilege to <string>

The user does not have the privilege required to enter the specified command. A user may not display the configuration of any port other than their own, nor may they display the port counters. A user at a port not set to "secure" may alter their own port settings, but may not if the port is secure.

s043260: Cannot <string> own asyn

A user may not enable or disable their own asynchronous port.

s043261: Not enough privilege to <string> asyn <number> (not own asyn)

The user does not have the privilege to issue the specified command. A user with user privilege may only issue SET commands for their own asynchronous port and only if the port is not set to "secure".

s043262: Asyn is unused

This is an internal error. It indicates that there is no TTY attached to the port. Refer this problem to your authorised distributor or reseller.

s043263: Cannot <string> an assigned device

The specified port is assigned to an interactive or Telnet service and may not be enabled or disabled until the assignment has been disconnected.

s043264: Unable to open/update the NVS table

Reading or writing the NVS (non-volatile storage) table resulted in an error. The asynchronous port settings may not have been saved. Contact your authorised distributor or reseller.

s043265: Asyn is already <string>

The asynchronous port is already in the specified state.

s043266: Invalid asyn number

The asynchronous port number specified is not available on the router. Use the command SHOW ASYN=ALL SUMMARY to display the asynchronous ports that are available. Specifying all asynchronous ports is permitted with only some commands.

s043267: Cannot <string> virtual asyn

When a user Telnets to a router they are assigned a virtual port. A virtual port may not be reset. Only a small subset of SET ASYN parameters may be used with virtual ports. These are PROMPT, HISTORY, PAGE and TYPE.

s043268: Invalid for host asyn

This is an internal error. It indicates that the TTY attached to the asynchronous port is assigned. Refer this problem to your authorised distributor or reseller.

s043269: Asyn is assigned

The specified asynchronous port is assigned to an interactive or Telnet service. Most SET command parameters may not be used for an asynchronous port that is assigned. Break the assignment before issuing the command.

s043270: Cannot loopback own asyn

A user may not put their own asynchronous port into loopback mode.

s043271: Specified asyn <string> is too long

The string entered for the specified parameter is too long. The maximum string length for an asynchronous port name, port prompt or service name is 15 characters.

s043272: Cannot set service on own asyn

The SERVICE parameter may not be entered when setting the configuration of the user's own asynchronous port.

s043273: Asyn belongs to another module

The specified asynchronous port may not be assigned to a service as it does not belong to the terminal server module.

s043274: Specified service not found

The service specified is not present on the router. Use the command `SHOW SERVICE` to display the services that are available.

s043275: Specified service is of invalid type

A port may only be assigned to a Telnet service if that port is to be used as a default service port for incoming connections. Specify an interactive service name or set `DEFAULTSERVICE` to ON.

s043276: Attention must be BREAK when speed is AUTO

If the port is set to determine the baud rate automatically then the attention character must be BREAK. This is so that the port may be forced to initiate a new search for the baud rate by pressing BREAK, which is independent of baud rate.

s043277: Service asyn speed cannot be AUTO

An asynchronous port that is to be used for an interactive service must have a fixed baud rate. This is because the router cannot transmit characters while it is still trying to determine the baud rate in the autobauding mode.

s043278: Service asyn attention must be ^P

The attention character for an interactive service port must be set to Control-P.

s043279: Asyn has had speed and/or attention changed

When the asynchronous port was assigned to an interactive service the speed of the port was changed to a fixed speed, or the attention character was changed to control P, or both. This is because a service port must have a fixed speed and control P as the attention character.

s043280: Use of the parameter IPADDRESS also requires the use of NETMASK

When the IP address for a port is being set, the network mask must also be set, and vice-versa.

s043281: Configuration updated

The `SET ASYN` command was successfully actioned and the port configuration has been written to non-volatile storage.

s043282: No asyns fitted requirements

There are no asynchronous ports on this router.

s043283: SHOW ASYN=n is not permitted in USER mode, use SHOW ASYN command for showing own port

A user without manager privilege may only display the configuration of their own asynchronous port.

s043284: Too many parameters, use SET MANAGER ASYN={n|NONE}

When setting a semipermanent manager port the only parameters permitted are MANAGER and ASYN, with the port number or "NONE".

s043285: There is no semi-permanent manager asyn now

The semipermanent manager port has been reset to user privilege and will have user privilege the next time the router reboots.

s043286: Asyn <number> is the semi-permanent manager asyn

The specified asynchronous port is now a semipermanent manager port. This means that if the router reboots, the port's initial state will be as if the manager has logged into it.

s043287: Can't <string> for terminal interface other than asyn

The commands SHOW ASYN SUMMARY and SHOW ASYN COUNTERS are invalid for a virtual port as they display information that is only applicable to asynchronous ports.

s043288: No user is logged in, cannot enter security commands

The command SET MANAGER ASYN is a security command and as such may only be issued when a manager has logged in. The manager may be challenged to re-enter their password if it is some time since s/he logged in.

s043289: cannot show history for all asyn

It is not possible to display the history for all asynchronous ports. Re-enter the command without specifying ALL, or simply press control C.

s043290: cannot have default service with no service

Default service has been specified without specifying a service. Either specify a valid service or do not specify a default service.

s043291: Page value out of range: <number> - <number>

The value entered for the page length is outside the valid range, which is displayed in the error message. Re-enter the command with a value within the range.

s043292: Specified speed not available for that asyn

Router asynchronous ports do not all support the same set of speeds. An invalid speed has been specified for the asynchronous port.

s043293: PURGE ASYN=n|all, value must be given

The PURGE ASYN command is used to restore one or more asynchronous ports to their defaults. Either the port number or ALL must be specified. Note that the current configuration of the asynchronous port(s) is lost.

s043294: Disabling LOGIN on current user port not permitted

The SET ASYN LOGIN=OFF command cannot be specified for the asynchronous port that the user is currently using as this locks out the user.

s043295: Interface now has no attention character set

The asynchronous port has no attention character set so it is not possible to break out of connections over this interface.

s043296: Command not executed: TACACS+ already enabled

When TACACS+ is enabled, user login authentication via TACACS+ is required. Therefore, SET MANAGER ASYN=0 should not take effect as it permits an user login automatically.

s045256–s045999: User Authentication Facility**s045256: <string>, command aborted for security reason**

The command was aborted because of security reasons. For example, an invalid password was entered or the command timed out.

s045257: User password should have length of <number> or more chars

The specified user password is of insufficient length. The minimum password length is specified by the MINPWDLEN parameter in the SHOW USER CONFIGURATION output.

s045258: <string>, USER parameter must not have value to show global USER module configurations

The USER parameter in the command SHOW USER CONFIGURATION was entered with a value attached to it. Re-enter the command without a value for the USER parameter.

s045259: <string>, USER parameter must not have value to set global USER module parameters

The USER parameter in the command SET USER [LOGINFAIL=1..10] [LOCKOUTPD=1..30000] [MANPWDFAIL1..5] [SECURDELAY=10..300] [MINPWDLEN=1..23] [TACTRETRIES=0..10] [TACTIMEOUT=1..60] was entered with a value attached to it. Re-enter the command without a value or the USER parameter.

s045260: <string>, user with that name already exists

When adding a user account, the specified user name has been found in the user database. Use a different user name for this user account.

s045261: <string>, password required

When adding a new user into the user database, the PASSWORD parameter must be specified.

s045262: <string>, both IPADDRESS and NETMASK are required

When adding a new user into the user database, if either the IPADDRESS or NETMASK parameter is seen then the other must also be specified.

s045263: Cannot delete last Manager privilege user when not in system secure mode

An attempt was made to delete the last remaining account with manager privilege, while the router is in system secure mode. This is not allowed because without this last account, there would be no account with the necessary privilege to manage the router.

s045264: <string>, user name not found in database

The command entered required an existing user name to be entered, but the specified user was not found in the user database.

s045265: <string>, user <string> has been deleted

The specified user has been deleted from the user database.

s045266: <string>, command must be in the form of: RESET USER[="string"] COUNTERS[={ALL|GLOBAL|USER}]

When entering a RESET USER command, an invalid parameter combination was detected. The correct syntax is RESET USER[=username] COUNTERS[={ALL | GLOBAL | USER}].

s045267: <string>, if specific user is given COUNTER value must be USER

When entering a RESET USER command, an invalid parameter combination was detected. If the user name is specified, only the user counter can be reset.

s045268: <string>, specified counters have been reset

The specified counters have been reset.

s045269: <string>, user database has been purged

The user database has been purged or cleared.

s045270: <string>, must specify user login name to set user-specific parameters

When setting a user-specific parameter, a user name must be given.

s045271: <string>, unable to read the security configuration from NVS

The USER module is having difficulties accessing the USER configuration in the NVS table. Contact your authorised distributor or reseller.

s045272: <string>, no match was found to your query

When displaying a users account details, the specified user was not found in the user database.

s045273: <string>, user database is empty

The user database does not contain any user information.

s045274: This device is locked temporarily (login-lock)

The device is locked because too many login failures were detected.

s045275: <string>, the specified IP address was invalid

The given IP address was invalid. The IP address must be entered in the dotted decimal form (for example 202.25.44.12). The values "NONE" and "OFF" are also permitted.

s045276: <string>, server <ipadd> is already defined

When adding a new TACACS server, the specified TACACS server has already been defined. Use the command SHOW TACACS SERVER to display the list of defined TACACS servers.

s045277: <string>, no UDB available for TACACS server

The router failed to open a TCP listen port for the TACACS server.

s045278: <string>, adding <ipadd> to the TACACS server list

The specified TACACS server has been added to the server list.

s045279: <string>, server <ipadd> does not exist in database

When deleting a TACACS server, the specified server was not found in the server list.

s045280: <string>, unable to delete TACACS server <ipadd> from NVS

The USER module was unable to delete the specified TACACS server from the NVS table. This may indicate that the NVS table has been corrupted.

s045281: <string>, TACACS server <ipadd> was deleted

The specified TACACS server has been deleted from the server list.

s045282: SET PASSWORD, password being set by another user

When trying to set a password for a user, the router detects that some other user is trying to set a password as well. Try again after a short period of time.

s045283: No user is logged in, cannot enter security commands

The security command can only be entered when a user is logged in. Try logging in with your user account before entering any security command.

s045284: LOGIN lockout is activated

The LOGIN lockout feature is activated for security reasons, such as too many incorrect passwords.

s045285: SET PASSWORD, no value allowed

The command SET PASSWORD must be entered without any value.

s045286: Invalid password for user

The specified password does not match the password stored in the database for the specified user.

s045287: SET PASSWORD, confirm password incorrect

When setting the password, the router asks you for password confirmation. This message is generated when the confirmation password is not the same as the new password to set.

s045288: SET PASSWORD, internal error

An internal error was detected trying to set a user password. Report this problem to your authorised distributor or reseller.

s045289: TACACS server timeout. Username could not be verified

The TACACS server(s) queried by the router does not give any response within the respond time limit. This time limit can be set by the command SET USER TACTIMEOUT=1..60.

s045290: TACACS server refused IPADDRESS

The TACACS server being queried refused use of the requested IP address.

s045291: Unable to write the security configuration to NVS

The USER module is having difficulties in writing the security configurations to the NVS. This may indicate that the NVS table is corrupted. Contact your authorised distributor or reseller.

s045292: Invalid password was entered more than <number> times.**Logging off the connection now....**

The router detects that incorrect password has been entered more than the specified number of times. The connection to the router is terminated.

s045293: MANAGER account may not be disabled

As management of the router depends on the availability of a manager privileged account, the MANAGER account may not be disabled.

s045294: MANAGER account may not have privilege set to USER

As management of the router depends on the availability of a manager privileged account, the MANAGER account may not have its privilege level set to user.

s045295: The username is invalid

The username given is invalid as it contains spaces.

s045296: <string> is already enabled

An attempt was made to enable a feature that was already enabled.

s045297: <string> is already disabled

An attempt was made to disable a feature that was already disabled.

s045298: No <string> configured

There were no objects of this type configured.

s045299: Invalid port - command not executed

USER access controlled commands must be entered via port 0.

s045300: At least one user with Security Officer privilege needed to operate in system secure mode - cannot delete user

An attempt was made to delete the only security officer user when the system was in secure mode. This would mean that no security commands could be executed and the router would need to have system secure mode disabled to add a user with security officer privilege, resulting in the loss of all sensitive data files, such as encryption keys.

s045301: User '<string>' is already logged in on <string>

A user with the same username is already logged in to the router.

s045302: User '<string>' has logged in on <string>

The specified user has logged in to the router on the specified device.

s045303: <string>, login setting must be specified for a user with user privilege

When adding a new user into the user database, the PASSWORD parameter must be specified.

s045304: The DEBUG parameter is required

DEBUG parameter required on command line.

s045305: PASSWORD parameter is required with PRIVILEGE parameter

When changing the privilege level, the password parameter must be present.

s045306: Cannot specify MASK if a <string> has been specified

The MASK parameter is not valid when an IPv6 address or an IPv4 address range has been specified.

s046256–s046999: Asynchronous Call Control**s046256: No call with that name was found.**

No ACC call with the specified name was found. Use the command SHOW ACC CALL to display the call names that are currently defined.

s046257: No call with that index number was found

No ACC call with the specified index was found. Use the command SHOW ACC CALL to display the call indices that are currently defined.

s046258: Unable to find the specified call

The specified ACC call was not found. Use the command SHOW ACC CALL to display the calls that are currently defined.

s046259: The default domain name is <string>

The domain name displayed is appended to the login name for a Domain Name Service (DNS) query in order to find an Internet Protocol (IP) number to be associated with the user. This is only done if the asynchronous port over which the user has logged in has no IP address assigned to it and the login name is either not present in the User Authentication Database or the entry for that login name does not have an IP address defined. A DNS query is not made if a default domain has not been specified with the command ADD ACC DOMAIN.

s046260: No call name was specified

A call name must always be specified when adding a call to the ACC call list or adding an asynchronous port to an existing call.

s046261: Asyn number either not given or invalid

An asynchronous port number must always be specified when adding a call to the ACC call list or adding an asynchronous port to an existing call. The asynchronous port specified must be present on the router. Use the command SHOW ASYN SUMMARY to display the asynchronous ports available.

s046262: Direction for call was not specified

The call direction must always be specified when adding a call to the ACC call list. The possible values for the DIRECTION parameter are "ANSWER", "BOTH" and "ORIGINATE".

s046263: A call with that index number already exists

When adding a new call to the ACC call list if a call index is specified it must not be the same as the index of a currently existing call. Use the command SHOW ACC CALL to display the calls that are currently defined and their call indices.

s046264: Inconsistent authentication method for encapsulation

The authentication method specified is not consistent with the encapsulation for the call. PAP and CHAP authentication may only be used with PPP encapsulation.

s046265: Direction BOTH is inconsistent with encapsulation ENQUIRE

A bidirectional call must have a well defined encapsulation. An encapsulation value of ENQUIRE is not allowed.

s046266: When adding an asyn to an existing call only NAME and ASYN parameters permitted

When an asynchronous port is being added to an existing call the only other parameter that is permitted is the call name. To alter some other attributes of the call use the command SET ACC CALL.

s046267: Asyn already belongs to an ACC call

An asynchronous port may only be assigned to multiple ACC calls if the calls are all of direction "ORIGINATE".

s046268: Call successfully added

The new call definition has been successfully added to the list of ACC calls.

s046269: Call successfully updated

The call definition has been successfully modified.

s046270: The default domain name has been deleted

The ACC default domain name has been successfully deleted.

s046271: You must specify a asyn to delete

If the DELETE ACC CALL command is issued with the ASYN parameter then it is assumed that the intent of the command is to remove an asynchronous port from the specified call definition. To achieve this a valid asynchronous port number must be specified. Use the command SHOW ACC CALL to display the asynchronous ports that are associated with the call.

s046272: You cannot delete all the asyns for a call

A call definition must always have at least one asynchronous port associated with it. If it is essential that there be no asynchronous ports associated with a call then the call definition itself must be deleted.

s046273: Call successfully deleted

The specified call has been successfully removed from the ACC call list.

s046274: Nothing to update

All the parameter values specified in the SET ACC CALL command matched the existing call definition, so no change was made to the definition.

s046275: Call CONNECTED on asyn <number>

The outgoing call via the asynchronous port number specified has successfully connected to the remote location.

s046276: Timeout on wait for "<string>"

The outgoing call in progress was waiting to receive the string in quotes from the remote location. The string was not received within the timeout specified in the modem script so the call was aborted.

s046277: Invalid script

The modem script being executed for the outgoing call contains a syntax error. Use the command SHOW ACC CALL to display the modem script for the call and refer to the Software Reference for a description of the correct syntax.

s046278: Timeout waiting for connect

Execution of the dial script for an outgoing call has completed but the modem has not indicated that a connection to the remote location has been achieved. The call has been aborted.

s046279: Call deactivated as requested

The specified ACC call has been successfully deactivated.

s046280: Auto feature not yet implemented

Call encapsulation of "AUTOMATIC" is not currently supported for outgoing calls.

s046281: Call completed successfully

The specified call has been successfully activated.

s046282: SLIP, unable to initiate IP layer

An error has prevented the creation of a dynamic SLIP interface for the call. This can occur if the IP address for the interface resolves to an interface on the router that is not attached to a LAN or it was not possible to make a SLIP attachment to the asynchronous port, probably because the port is attached to another module.

s046283: SLIP, unable to set up dynamic IP interface

An error occurred in the creation of a dynamic SLIP interface for a call. This can occur if IP is not enabled.

s046284: PPP, unable to initiate IP layer

An error occurred in the creation of a dynamic PPP interface for a call. This can occur if the IP address for the interface resolves to an interface on the router that is not attached to a LAN, the maximum permitted number of PPP interfaces would be exceeded, or IP is not enabled.

s046285: Name Server unable to resolve name

Reference was made to the Domain Name Server in order to find an IP address for an incoming call. The request to the name server is made using the login name for the user making the call prepended to the ACC domain name. Ensure that the name server address is correct, the name server is functional, the ACC domain name is set correctly and the domain name is entered into the domain name server database.

s046286: No TACACS login to this asyn

The router does not send a SLIPON request to the TACACS server because there is no evidence that a user has made a TACACS login to this asynchronous port.

s046287: Encapsulation cannot be started on asyn.

If an asynchronous port is to be used for ACC calls the CDCONTROL parameter for the asynchronous port must be set to CONNECT, otherwise the asynchronous port is not correctly reinitialised when the call terminates. Use the SET ASYN command to correctly configure the asynchronous port.

s046288: No IPADDRESS set for the asyn

The router is unable to obtain an IP address for the ACC call because there is no login name to be used for a DNS lookup. Make sure that the login uses a valid login name recorded in the User Authentication Database or on a TACACS server. If the asynchronous port does not have an IP address assigned to it then either the entry for the user in the database must provide a number or be obtainable from a DNS when the ACC domain name is appended to the login name.

s046289: Call is set answer only

This call may not be activated using the ACTIVATE command as it has a direction of "ANSWER". The call must have a direction of "BOTH" or "ORIGINATE" if it is to be used for outgoing calls.

s046290: Call already activated

This call is already active. Use the DEACTIVATE CALL command to terminate the call before trying to reactivate it.

s046291: No asyn found for call

The call definition has no asynchronous ports associated with it. Associate an asynchronous port with the call with the ADD ACC CALL command.

s046292: Call not active

The call cannot be deactivated because it is not active.

s046293: ACC calls and domain name/s have been purged

All ACC calls have been deleted and the ACC domain name has been cleared.

s046294: Waiting for input to determine encapsulation...

The port is now waiting to receive characters that determine whether PPP or SLIP encapsulation should be used on the port. All other input is ignored.

s046295: Asyn <number> is being used by another module

The specified port is being used by another module and cannot be used by ACC.

s046296: No script with that name was found

No ACC script with the specified name was found. Use the command SHOW ACC SCRIPT to find out what script names are currently defined.

s046297: No script name was specified

A script name must always be specified when adding, deleting or modifying an ACC script.

s046298: The specified script is read-only protected

The ACC script specified is set to read-only and cannot be changed. Use the command SHOW ACC SCRIPT to find the script protections.

s046299: ACC scripts have been purged

All user defined ACC scripts have been deleted.

s046300: ACC script <string> has been purged

The specified ACC script has been deleted.

s046301: ACC script line number <number> has been deleted

The specified ACC script line has been deleted.

s046302: ACC script line number <number> can't be deleted

The specified ACC script line cannot be deleted because it does not exist.

s046303: ACC enquire command options are:- none, slip, cslip, adaptive, ppp and auto

These are the command options available when starting up in enquire mode.

s046304: PPP, unable to initiate IPX layer

An error occurred in the creation of a dynamic PPP interface for a call. This can occur if there are no free IPX circuits available on the router or if that IPX is not enabled.

s046305: The file name given for the modem script is invalid

The file name given for the script is invalid. The file name is not consistent with a file name of the type dev:nnnnnnnn.mds.

s046306: The call <string> is currently disabled

The specified call is disabled and hence cannot be activated.

s046307: The accounting backup file <string> could not be created

The accounting storage file could not be created. No backup accounting information is stored.

s046308: A CALL can't be deleted while a asyn is still active

An ACC call can't be deleted while the call is in progress. All ports of a call must be inactive before deleting a call.

s048256–s048999: LOADER**s048256: No Error**

No error occurred. The operation was completed successfully.

s048257: TFTP server address required

The IP address of the TFTP server must be specified.

s048258: Load already in progress

The router is presently loading software from a remote server. Further load requests cannot be initiated until this operation has completed.

s048259: The existing file must be deleted before overwriting

A file with the specified name already exists. If you wish to replace that file with another by the same name you should delete the original file first.

s048260: File not found by TFTP server

The TFTP server has reported that it cannot find the requested file.

s048261: No response was received from the <string> server

The specified server did not respond. Check the IP configuration, network connections and server configuration.

s048262: Insufficient memory space for file

The file is too large to be accommodated within the router's memory.

s048263: Invalid destination for release or patch file

The destination specified for the file is invalid.

s048264: File header invalid

The file header was invalid. This file is probably corrupt.

s048265: File trailer invalid

The file trailer was invalid. This file is probably corrupt.

s048266: File contents invalid

The contents of the file appear to be invalid. The file is probably corrupt.

s048267: File not intended for this router model

The file is intended for another model of router, and cannot be used on a router of this type. You should obtain a version of this file for this model of router, or consult your authorised distributor or reseller.

s048268: Error in S record format

The contents of the file were not formatted correctly. The file is probably corrupt.

s048269: File load from TFTP server <ipadd> has begun

The router has established a connection to the TFTP server and has commenced the file transfer.

s048270: File transfer successfully completed

The file transfer has completed successfully.

s048271: Write to file failed

The router was unable to write the file to the requested destination.

s048273: File transfer failed with TFTP error <number>, <string>

An unexpected TFTP error has occurred. The file transfer has failed.

s048274: Internal error: <string>

An internal error has occurred. Contact your authorised distributor or reseller.

s048275: At least one of SERVER, FILE, DELAY and DESTINATION required

At least one of these four parameters must be specified.

s048276: Loader module reset, active transfers aborted

The loader module has been reset. Any active transfers have been aborted.

s048277: Delay until load start is longer than two minutes

The load has been delayed by more than two minutes. This delay is specified by the DELAY=n parameter of the LOADER commands. If a shorter delay is desired, the current load should be cancelled and the command should be re-issued with a different value of the DELAY parameter. In the command, the delay is specified in seconds.

s048278: TFTP open failed

The LOADER module was unable to open a connection to the TFTP server.

s048279: NVS configuration was absent or damaged, and had to be recreated

The stored configuration for the LOADER module (only) was absent or damaged and was recreated by the command.

s048280: Invalid file name "<string>"

The file name entered in this command was incorrect. File names must have a <name>.<typ> as the final substring, where <name> is up to 8 characters long, and <typ> is up to three characters long.

s048281: Parameter <string> not specified in default config or command

The specified parameter was not entered in the LOAD command, and a default value did not exist either. This means the LOAD cannot proceed. Specify the missing parameter either as a default, or on the command line.

s048282: No load in progress, nothing to reset

There was no LOAD in progress, so the RESET LOAD command cannot take effect.

s048283: Patch <string> not found

The specified patch was not found, so cannot be deleted. Either the command is not necessary, or it must be re-entered with the correct patch name.

s048284: No patches found

No patches were found in this router's NVS. This is an informative message.

s048285: Patch directory not found or corrupt

The patch directory was either not found or was corrupt. This is an internal error. Contact your authorised distributor or reseller.

s048286: The specified asyn is not valid

The specified port to load the file from is invalid, i.e. the port does not exist on this system.

s048287: The specified file type can't be uploaded

The specified file type can't be uploaded. The system can't upload *.PAT or *.REL files.

s048288: The specified file was not found on the system

The specified file was not found on the system.

s048289: File skipped <string>

The file was skipped by Zmodem because it already exists on the system, or the filename is not valid.

s048290: File <string>, transferred successfully

The file was transferred successfully by Zmodem.

s048291: ZMODEM, the sending host has closed the connection or is not responding

The sending host has closed the connection, or did not respond to requests.

s048292: Upload, a file error occurred reading the file

The upload failed due to a general file error reading the file.

s048293: ZMODEM, session over

The current Zmodem session is finished because one of the ends terminated the session.

s048294: ZMODEM, the receiving host has closed the connection or is not responding

The receiving host has closed the connection, or did not respond to requests.

s048295: The specified method is not supported

The specified method for loading from a port is not supported.

s048296: The destination device is not present

The specified destination (flash or NVS) is not present in the router.

s048297: Load not started: <string>

The LOADER module was unable begin the requested load operation.

s048298: Load aborted: <string>

The server has reported the listed error.

s048299: The specified method is not support for file uploads

The specified method is not supported for file uploads.

s048300: Parameter <string> not valid with <string>

A invalid parameter combination was entered.

s048301: IP name server not set

A DNS lookup is required but no IP name server has been set.

s048302: Load aborted: Connection with HTTP server lost

The connection with the HTTP server was deemed to have been lost when the noData timer expired.

s048303: Multiple files were returned in response to the load request

The server attempted to return more than one file to the load module.

s048304: The specified file type can't be used with the requested attribute

The user has specified a bad file extension/attribute combination.

s048305: Flash is currently busy, please try the load again later

The flash storage device is currently compacting. The LOAD command does not write to flash while it is compacting as this may result in data loss. Use the SHOW FLASH command to monitor compaction. Re-enter the LOAD command when compaction finishes.

s048306: Failed to obtain ENCO resources for the HTTPS load

The HTTPS load using SSL failed to obtain ENCO resources.

s048307: SSL Feature Licence required for HTTPS load

The SSL secured HTTPS load could not be performed because the SSL Feature Licence is required.

s049256–s049999: INSTALL**s049256: Parameter <string>, invalid file name or invalid length, should be <dev>:<mod>\<fil>.<typ>**

The file name entered for the specified parameter was invalid. The correct format for file names is given. Re-enter the command with the file name in the correct format.

s049257: One or more parameters missing; required are <string>

One or more required parameters were not entered in the command. The required parameters for this command are given. Re-enter the command with the required parameters.

s049258: Invalid device for <string> file

The device specified in the command was an incorrect device, either because it is unrecognised altogether, or because it is not valid for the particular type of file being specified.

s049259: Invalid module for <string> file

The module specified in the command was incorrect, either because it is unrecognised altogether, or because it is not valid for the particular type of file being specified.

s049260: Release licence information is being updated, cannot process command

The release licence information is being updated from a previous ENABLE RELEASE or DISABLE RELEASE command, so the current command cannot proceed. Re-enter the command after waiting for the current command to complete. A completion message should appear on the terminal from which the other command was entered.

s049261: Release licence <string> dynamic list, wait for list to be saved to FLASH

A release licence has been added to or removed from the dynamic licence list. The new list has to be written to the flash file system, which takes a short while. A message informing of the completion of this operation should be displayed soon.

s049262: Flash memory not found or inoperative, command cannot proceed

There is no working flash memory in this router, so the concept of release licensing does not apply. This command should only be entered on a router with working flash memory.

s049263: A licence already exists for this file

A licence for the file specified in the command exists, so the release cannot be enabled. To change the password for a release file, disable the release, then enable it again.

s049264: Write of release licence file completed OK

The licence file was successfully written to the flash file system after an ENABLE RELEASE or DISABLE RELEASE command.

s049265: No release licences to display

There are no release licences configured in the router, so there is nothing to display.

s049266: Cannot specify RELEASE for DEFAULT install

The install specified was DEFAULT, but a RELEASE was specified for this. The DEFAULT release can only be EPROM, so the RELEASE parameter is not allowed for the DEFAULT install. Re-enter the command for another install (TEMPORARY or PREFERRED) or remove the RELEASE parameter.

s049267: Missing or invalid licence for RELEASE file

The licence information required for a RELEASE file is either non-existent or invalid. Re-enter the command with a file that has a valid licence, or ensure that the required file has a valid licence.

s049268: File not found for <string>

The file specified for RELEASE or PATCH was not found. Re-enter the command with the name of a file that exists, or ensure that the required file is present on the router.

s049269: Error writing install information

There was a problem writing to the NVS when the install information had been checked. This may mean that the NVS is full. Report the problem to your authorised distributor or reseller.

s049270: NVS error writing install information

There was a problem when writing the install information to the NVS. This may mean that the NVS is full. Report the problem to your authorised distributor or reseller.

s049271: FLASH error writing install information

There was a problem when writing the install information to flash. This may mean that the flash is full. Report the problem to your authorised distributor or reseller.

s049272: Install information already deleted, no action required

On deleting an install, the information for the install was already found to be deleted. No action is required on this command.

s049273: Parameter <string>, invalid release number, should be <maj>.<min>.<int>

The parameter specified should have been a release number and was found not to be valid. A <major>.<minor>.<interim> three dot-separated number should be specified. Re-enter the command with a valid release number.

s049274: Write of release licence file failed

The process of writing the release licence file failed for some reason. This is a serious error as it means that no releases are licenced on the router so that the next reboot results in EPROM being loaded. Contact your authorised distributor or reseller.

s049275: Open of specified configuration file <string> failed

The system tried to open the specified configuration file prior to writing configuration information to the file, but this open failed.

s049276: The supplied password is not valid

The password supplied to the ENABLE RELEASE command is not valid, either because it is incorrect, or because it is for a trial licence and the licence period has not started yet, or has already ended. Contact your authorised distributor or reseller.

s049277: A licence already exists for specified feature name

A licence for the feature name specified exists, so the feature licence cannot be enabled.

s049278: Write of feature licence file failed

The process of writing the feature licence file to flash failed for some reason.

s049279: The specified feature licence not found

The specified feature was not found.

s049280: Cannot specify patch without release

A patch file was specified when a release file or EPROM had not been, either previously or in the current command. Re-enter the command and specify a release file or EPROM.

s049281: No EPROM or licence found for same release number, please enter a PASSWORD

When trying to enable a release, a password was not specified. The router could not find a valid release licence for the same major and minor release numbers, and the router EPROM is not for the same major and minor release numbers. A password must be entered to enable this release.

s049282: Parameter <string>, invalid file type, should be <string> or <string>

The file specified for PATCH did not have the correct extension. Re-enter the command with the name of a file that has the correct extension.

s049283: Preferred release set, but release file does not exist

The user has specified a release file that does not currently exist in the file system. The preferred release has been saved, but will not take effect until the correct release file is loaded onto the router and the router is restarted.

s049284: The Patch and Release file specified have incompatible revisions

An attempt was made to install a patch that was incompatible with the installed release, because the patch file is for a different software release. For example, the installed release 2.6.1 but the patch is for software release 2.6.4.

s049285: There was an error reading the patch file

The user has specified a release file that does not currently exist in the file system.

s049286: Create config in progress, cannot process command

The user has attempted to create a configuration while a previous create configuration was being processed.

s049287: Insufficient free memory to carry out requested operation

The user has specified an operation that requires more free memory than there is available.

s050256–s050999: Open Shortest Path First (OSPF)**s050257: <string> - does not exist**

The given object does not exist. The command used operates on the given object.

s050258: <string> - cannot be shutdown

The given object cannot be shut down. Contact your authorised distributor or reseller.

s050260: <string> - did not start up

The given object did not succeed in starting up. Check that all other objects on which this object depends are configured correctly. Contact your authorised distributor or reseller.

s050261: <string> - already disabled

The specified object is already disabled. You are trying to disable a disabled object.

s050262: <string> - already enabled

The specified object is already enabled. You are trying to enable an enabled object.

s050263: <string> - disabled - it cannot be reset

The specified object is disabled. It cannot be reset unless it is enabled.

s050264: INTERFACE - not supported by OSPF - only ETH, VLAN, PPP, and FR are

The interface is of a type not supported by OSPF. It must either be a PPP, Ethernet, VLAN, or Frame Relay interface.

s050265: INTERFACE - not an IP interface - OSPF only uses IP interfaces

OSPF is an IP routing protocol, and hence it can only run over interfaces that are in use by the IP module.

s050266: INTERFACE - non-existent AREA given

The interface must be added to an already existing area. Create the area required or enter a correct area number.

s050267: INTERFACE - IP subnet is outside any of AREA's defined RANGES

The IP subnet of the interface does not fall within any of the defining ranges for its given area. Define a new range for the area, change/extend one of the area's constituent ranges to cover the interface's IP address, or give the interface a new IP address/netmask so that you can add it to the OSPF module.

s050268: INTERFACE - transit AREA for virtual INTERFACE does not exist

The given transit area for the virtual interface being created does not exist. Specify another area or create the area you want to use first.

s050269: INTERFACE - POLLINTERVAL must be larger than HELLOINTERVAL

On any non-broadcast multi-access interfaces (X.25 or Frame Relay), the poll interval must be larger than the hello interval.

s050270: INTERFACE - DEADINTERVAL must be 2 x HELLOINTERVAL or better

The router dead interval must be at least twice the hello interval on the interface so that router adjacencies are not intermittent.

s050271: NEIGHBOUR - no OSPF INTERFACE covers neighbour IP address

An OSPF interface must exist whose IP number and netmask include the neighbour.

s050272: NEIGHBOUR - OSPF INTERFACE type is wrong - should be NBMA

For an OSPF neighbour to be added, the OSPF interface type must be Frame Relay or some other NBMA medium.

s050273: <string> - TOS - must be in the range 0 to 30

Type of Service values must be from 0 to 30.

s050274: STUB - IP address and MASK are outside any of router's defined RANGES

The IP address and mask of the stub route does not fall within any of the defined ranges for a given area. Define a new range for the area, change/extend one of the area's constituent ranges to cover the stub's IP address, or change the stub's IP address and mask so that you can add it to the OSPF module.

s050275: RANGE - given IP network address is invalid

The IP address given for the range network address is an invalid IP address.

s050276: RANGE - given MASK is invalid

The IP netmask given for the range is invalid. It must be a contiguous bitmask, starting from the left with the bits set and ending with the bits unset. Only one transition is allowed from set bits to unset bits in the mask.

s050277: RANGE - non-existent AREA given

The range must be added to an already existing area. Create the area required or enter a correct area number.

s050278: RANGE - a range exists that overlaps given parameters

In this implementation of OSPF, ranges are not allowed to overlap each other. Enter a range net and/or range mask that do not overlap any existing ranges.

s050279: OSPF - IP must be enabled to do this

The IP module must be enabled before you can do the action you are trying. Usually, this happens when an attempt is made to enable the OSPF module when IP is disabled.

s050280: OSPF - module cannot start up

The OSPF module did not succeed in starting up. Check that everything that the module depends on is configured correctly. Contact your authorised distributor or reseller.

s050281: OSPF cannot shutdown

The OSPF module cannot be shut down. Contact your authorised distributor or reseller.

s050282: OSPF - already disabled

An attempt was made to disabled OSPF but it is already disabled.

s050283: OSPF - already enabled

OSPF is already enabled. You are trying to enable an already enabled module.

s050284: OSPF - is disabled - it cannot be reset

The OSPF module is disabled. It cannot be reset unless it is enabled.

s050285: AREA - backbone area (0.0.0.0) cannot be a STUBAREA or have SUMMARY=NONE

The user is trying to do something that is illegal under OSPF—turning the backbone into a stub-area, or trying to stop the sending of summary LSAs into the backbone area. This is inconsistent as the backbone must always convey external routing information and all area information.

s050286: <string> - already exists

The user is trying to add an AREA, RANGE, INTERFACE, NEIGHBOUR, or HOST that already exists. Either change the existing one, or create a new item using a different identifier.

s050287: OSPF - router out of memory - please contact your dealer

Try adding more memory or contact your authorised distributor or reseller.

s050288: <string> - <string> not given - please specify <string>

A parameter required by a command was not given. Specify the required parameter.

s050289: INTERFACE - use PRIORITY with multi-access network interfaces

PRIORITY can only be set on multi-access interfaces, namely Ethernet, Frame Relay and X25T.

s050290: INTERFACE - use POLLINTERVAL with NBMA interfaces

POLLINTERVAL can only be set on Non-Broadcast Multi-Access interfaces, namely Frame Relay and X25T.

s050291: <string> - not found

The object that the user is trying to delete or modify does not exist.

s050292: <string> - none found

No OSPF areas, ranges, interfaces, neighbours, hosts or LSAs were found in the router.

s050293: RANGE - given RANGE base IP address does not match MASK

You have given a network address for the range that does not match the given or default network mask. Enter the correct network base address, and if needed the correct network mask.

s050294: INTERFACE - use VIRTUALLINK with virtual interfaces

The VIRTUALLINK parameter can only be used with virtual interfaces, namely virt0.

s050295: <string> - IP address <string> already assigned by IP

The IP address you tried to use has already been assigned by IP to an interface as an IP address, network address or broadcast address. Either change the IP module configuration or choose an available IP address.

s050296: INTERFACE - invalid transit AREA for virtual INTERFACE

The given transit area for the virtual interface being created is the backbone (0.0.0.0). This is illegal. Specify another area or create the area you want to use first.

s050297: OSPF - ROUTERID cannot be 0.0.0.0 or 255.255.255.255

You must specify a valid OSPF router ID for OSPF before it can be started. It cannot be 0.0.0.0 or 255.255.255.255. One way of doing this is to use one of the router's assigned IP addresses.

s050298: STUB - given MASK is invalid

The IP netmask given for the range is invalid. It must be a contiguous bitmask, starting from the left with the bits set and ending with the bits unset. Only one transition is allowed from set bits to unset bits in the mask.

s050299: INTERFACE - an OSPF interface in the same subnet already exists

IP logical interfaces allow more than one interface in the same subnet to be defined, but OSPF does not allow this. The required logical interface cannot be added to OSPF until the existing OSPF logical interface is removed.

s050300: INTERFACE - demand circuit cannot be set off with virtual interface

Demand circuit cannot be set off with virtual interface.

s050301: INTERFACE - a backbone area does not exist, create one

If the user has specified a Virtual interface then the Backbone area should already exist. If it does not exist then print the message.

s050302: AREA - The area cannot support any more interfaces or routes

An area is limited to 100 routes or interfaces, so once the number of interfaces plus stub routes plus host routes plus virtual interfaces reaches 100, no more can be added until others are removed.

s050303: MD5 key is active - use FORCE to force deletion

An attempt was made to delete an MD5 authentication key from an interface, but the key is still being used to communicate with one or more neighbours. To force the deletion of the key, re-enter the command with the FORCE parameter.

s050304: SUMMARY is set to SEND for NSSA and is not configurable

All Type 3 OSPF summary routes must be generated into NSSAs, as per RFC 1587.

s050305: AUTOCOST will have no effect, OSPFMETRIC for all interfaces set

Autocost has been enabled, but will have no effect because the OSPF metric has been manually configured for all interfaces on this device. For AUTOCOST to take effect on an interface, the interface OSPF metric must not be configured, or set to its default value using the command SET IP INT=..... OSPF=DEFAULT.

s051256–s051999: Radius**s051256: The SECRET parameter has a maximum length of 63 characters**

The secret is too long. Re-enter the command with a shorter secret.

s051257: There are no RADIUS servers configured

There are no RADIUS servers configured.

s051258: The RADIUS server is already in the server list

The RADIUS server is already defined and cannot be added again.

s051259: The RADIUS server is not in the server list

The RADIUS server is not defined and cannot be modified or deleted.

s051260: NVS problem - creating block

There was a problem creating an NVS block to store the RADIUS configuration.

s051261: NVS problem - writing server

There was a problem writing the RADIUS server configuration to the NVS block.

s051262: NVS problem - deleting server

There was a problem deleting the RADIUS server configuration from the NVS block.

s051263: The SECRET parameter is required.

The SECRET parameter is required for the command. Re-enter the command with a value for the SECRET parameter.

s051264: The SERVER parameter is required.

The SERVER parameter is required for the command. Re-enter the command with a value for the SERVER parameter.

s051265: The RADIUS server is busy and can't be deleted

The RADIUS server is busy and cannot be deleted at this time.

s052256–s052999: Generic Routing Encapsulation (GRE)

s052256: Incorrect parameter combination. The correct command syntax is: <string>

When entering a command, an incorrect combination of parameters was supplied. Re-enter the command using the command syntax displayed on screen, or consult the Software Reference.

s052257: Failed to add pattern to the specified GRE entity

An internal error (probably lack of free buffer space) prevented the GRE pattern from being added.

s052258: The specified pattern is not found

The specified pattern does not exist, and therefore cannot be modified or deleted.

s052259: GRE module is already <string>

The GRE module is already in the required state (ENABLED or DISABLED), and the command is not executed.

s052260: The same pattern already exists

The specified pattern already exists, and therefore cannot be added or modified.

s052261: <string> IP address and the mask are not compatible with each other

The specified source and mask IP addresses are not compatible. To be compatible, the source IP address bitwise ANDed with the mask should give a result equal to the source IP address itself.

s052262: Unexpected value on GRE parameter

The SHOW GRE GENERAL command does not accept a GRE entity number.

s052263: Specified target does not relate to a defined GRE tunnel

The target IP address is either invalid, or not specified.

s052264: Invalid IP logical interface

The specified logical interface is invalid, because it is outside the legal range.

s052265: The GRE module is not enabled

When adding, deleting, setting or resetting GRE entities, the GRE module was not enabled. Enable GRE and re-enter the command.

s052266: GRE debugging is already <string>

GRE debugging is already in the required state, either ENABLED or DISABLED, and the command is not executed.

s052267: The tunnel specified already exists

An attempt has been made to define a GRE tunnel that already exists.

s052268: Failed to setup specified tunnel

A failure occurred when allocating memory for a new tunnel definition.

s052269: The specified tunnel could not be found

A failure occurred when allocating memory for a new tunnel definition.

s052270: The specified tunnel is the target for a defined GRE entity

The tunnel cannot be deleted until all GRE entities that reference it are deleted.

s052271: Invalid interface specified

The interface specified does not exist.

s053256–s053999: Trigger Facility**s053256: Required parameters missing, <string> is required**

One or more parameters required by the command were not supplied.

s053257: Trigger type parameter <string> must precede <string>

Any type-specific or optional parameter in a CREATE TRIGGER or SET TRIGGER command must be preceded with a trigger type parameter. You should modify the command so that the parameter immediately following TRIGGER is a trigger type parameter (TIME, REBOOT, PERIODIC, etc.).

s053258: Trigger <number> does not exist

The specified trigger does not exist.

s053259: Trigger <number> is already defined

The specified trigger is already defined. Each trigger must have a unique number.

s053260: Internal error: <string>

An unexpected internal error has occurred. Examine the router log (SHOW LOG) for further information and contact your authorised distributor or reseller.

s053261: <string> successfully deleted

The specified item has been deleted.

s053262: <string> successfully added

The specified item has been added.

s053263: Only one trigger type (TIME, PERIODIC, REBOOT, etc) may be specified

Only one trigger type parameter (TIME, PERIODIC, REBOOT, etc.) may appear on any command line.

s053264: Trigger <number> has been activated

The specified trigger has been manually activated. Manual trigger activations do not update the activation counters, and cause actions to be performed even if the trigger is in test mode.

s053265: The trigger module is not enabled

The command cannot be performed while the trigger module is disabled.

s053266: The trigger module is already enabled

The trigger module is already enabled.

s053267: The trigger module is already disabled

The trigger module is already disabled.

s053268: The trigger module has been enabled

The trigger module has been enabled. Any configured and enabled triggers are activated as appropriate.

s053269: The trigger module has been disabled

The trigger module has been disabled. No further trigger activations occur.

s053270: Trigger <number> is already enabled

The specified trigger is already enabled.

s053271: Trigger <number> is already disabled

The specified trigger is already disabled.

s053272: Trigger <number> configuration updated

The configuration of the specified trigger has been updated.

s053273: Maximum number of <number> scripts on trigger exceeded

The maximum number of scripts that can be associated with a single trigger has been exceeded.

s053274: Trigger type cannot be changed

The trigger specified has a different type from the command line parameter. The trigger type of an existing trigger cannot be changed. Either specify a different trigger or destroy the existing trigger first, then create a trigger using the same number, giving it a different trigger type.

s053275: Parameter <string> must specify a single valid filename

The given parameter should specify a valid filename that does not contain wildcards.

s053276: Bad position number (<number>) for trigger <number>

The supplied position number is invalid.

s053277: No settings specified

No new settings were specified on the SET command.

s053278: Option <string> not available for <string> triggers

The specified option is not available for that type of trigger.

s053279: Invalid parameters: <string>

That combination of parameters is not valid.

s053280: The <string> parameter may not appear more than <number> times in a command

The specified parameter has appeared too many times in one command.

s053281: The <string> parameter may not appear multiple times in this command

The specified parameter may not appear more than once in that particular command.

s053282: Action <number> configuration updated

The configuration of the specified action has been updated.

s053283: No <string> found

No items of the requested type were found.

s053284: Action <number> is in use and cannot be destroyed

The specified action is referenced (used by) at least one trigger and therefore cannot be destroyed. Remove all references to this action and retry the command.

s053285: Trigger module configuration has been reset to defaults

The configuration of the trigger module has been erased and reset to defaults.

s053286: Trigger module configuration has been erased

The configuration of the trigger module has been erased and will occupy no space in non-volatile storage.

s053287: Parameters DAYS and DATE not allowed together

If a specific date for a trigger has been set then a day of the week may not be specified. Conversely if a day or days have been specified for the activation of a trigger then a specific date may not be given.

s053288: Module specific event "<string>" unrecognised

The ENTRY parameter on a module specific trigger was not recognised by the module in question. Re-enter the command with a correct event for the module.

s053289: Module <module> does not have triggers defined

The specified module does not have module specific triggers defined, so cannot be specified as part of a module specific trigger.

s054256–s054999: Scripting**s054256: No script file with that name was found**

No script (SCR) file with the specified name was found. Use the command SHOW FILE to display the script file names that are currently stored on the router.

s054257: An error occurred while writing the script <string> to storage

No script (SCR) file with the specified name was found. Use the command SHOW FILE to display the script file names that are currently stored on the router.

s054258: The file name given for the script is invalid

The file name given for the script is invalid. The file name is not consistent with a file name of the type dev:nnnnnnnn.scp.

s054259: Line number <number> has been deleted from script <string>

The specified SCR script line has been deleted.

s054260: Line number <number> can't be deleted from script <string>

The specified script line can't be deleted because it does not exist.

s054261: Script <string> has been successfully deleted

The specified script has been deleted from the system.

s054262: The parameter LINE must be specified

The parameter LINE must be specified for a SET SCRIPT command.

s054263: The parameter TEXT must be given if LINE has been specified

The command given requires a TEXT parameter to make it a valid command.

s054264: The script <string> has been deactivated

The named script has been deactivated, and stopped from further action.

s054265: The script <string> is not currently active

The named script is not currently active and hence cannot be deactivated.

s055256–s055999: Time Division Multiplexing (TDM)

s055256: Parameter <string>, invalid interface <string>

The value specified for the INTERFACE parameter should represent a valid PRI or BRI interface but doesn't. Re-enter the command with a valid PRI or BRI interface.

s055257: Parameter <string>, <string> port <number> does not exist

The specified PRI or BRI port instance is not provided by the hardware. Find out how many PRI and BRI ports the router has and re-enter the command with a port that exists.

s055258: Parameter <string>, the group name is too long

The GROUP parameter specified a group name that is more than 15 characters. Re-enter the command with a group name of 15 characters or less.

s055259: Parameter <string>, missing a slot number

A slot number was expected by the parsing routine but another character was found instead. Check the format of the slot list and re-enter the command with a valid slot list.

s055260: Parameter <string>, contains an invalid slot number

A slot number of more than 31 has been specified. Re-enter the command and specify only slot numbers between 1 and 31.

s055261: Parameter <string>, contains an invalid character

An invalid character has been found by the slot list parsing routine. Re-enter the command with a valid slot list.

s055262: Parameter <string>, contains an invalid slot range

A slot range with invalid bounds has been specified. Re-enter the command and specify valid bounds for each slot range.

s055263: Parameter <string>, a slot number is specified twice

A slot number has been specified in more than one slot list entry. Re-enter the command and make sure each slot is only specified once.

s055264: Parameter <string> is required

The specified parameter is required by this command but was not included. Re-enter the command and specify the missing parameter.

s055265: No TDM groups are defined

No TDM groups have been defined, so no action can be taken.

s055266: Some or all specified slots are already used

A TDM group defined for the same PRI port is already using one or more of slots specified by the SLOTS parameter.

s055267: Some or all specified slots are not available for use

A TDM group defined for the same PRI port is already using one or more of slots specified by the SLOTS parameter.

s055268: Group <string> does not exist

The group name specified by the GROUP parameter does not exist. Use the CREATE TDM GROUP command to create the group.

s055269: Group <string> already exists

A group with the same name has already been created. Re-enter the command with a different group name.

s055270: <string> port <number> is set to ISDN mode

The specified PRI or BRI port has not been set to TDM mode or MIXED mode. Use the SET PRI or SET BRI commands to set the mode.

s055271: Some or all specified slots are not used by group <string>

The specified group does not use one or more of the slots specified by the SLOTS parameter.

s055272: No TDM groups are defined for <string> port <number>

No TDM groups have been defined for the specified PRI or BRI port, so no action can be taken.

s055273: Group <string> is not defined for <string> port <number>

The specified group is not defined over the specified PRI or BRI port. It may be defined for another PRI or BRI port.

s055274: A user is attached to group <string>

An attempt was made to destroy a TDM group that has a user module attached to it. Destroy the user module instance attached to the TDM group and re-enter the command.

s055275: cannot delete all slots when a user is attached

An attempt was made to destroy a TDM group that has a user module attached to it. Destroy the user module instance attached to the TDM group and re-enter the command.

s055276: cannot add any more groups to this interface

An attempt was made to add a new group to an interface that has already reached the maximum number of groups possible.

s055277: cannot ADD/DELETE slots to/from an unstructured interface

An attempt has been made to add or delete slots from a PRI interface that is in unstructured mode. Unstructured interfaces do not have slots. To put an interface into unstructured mode all existing groups on that interface must first be deleted.

s055278: BRI interfaces do not have an unstructured mode

An attempt has been made to put a BRI interface into unstructured mode. Unstructured mode is only possible on a PRI interface.

s055279: One of the parameters SLOTS or UNSTRUCTURED is required

On a PRI interface a TDM group may be set up to use the entire bandwidth. This is called UNSTRUCTURED mode. Alternatively a group may use some of the SLOTS available on a structured interface. One of the SLOTS or UNSTRUCTURED parameters is required.

s055280: The parameters SLOTS and UNSTRUCTURED may not be specified together

The parameters SLOTS and UNSTRUCTURED are mutually exclusive, they may not be specified together. Slots have no meaning when an interface is in unstructured mode.

s055281: For a PRI interface to be unstructured it must be in TDM mode

An attempt has been made to put a PRI interface in MIXED mode into TDM unstructured mode. All slots must be available for an interface to be unstructured so the PRI mode must be set to TDM.

s055282: T1 PRI interfaces do not support an unstructured group

An attempt was made to create an unstructured group on a T1 PRI interface. T1 PRI interfaces do not support unstructured groups, but they do support a group using all 24 slots to provide a data rate of 1536 kbits/s.

s056256–s056999: File Subsystem**s056256: No viewer is currently assigned to this file type**

There is no viewer currently assigned to this file type.

s056257: The specified file was not found on the system

The specified file could not be found.

s056258: The specified file could not be opened

The specified file could not be opened. This is because of a storage subsystem failure.

s056259: The specified file is not a text file

The specified file type indicates that the file is not a text file. This would be true of patch and release files.

s056260: Source and destination filenames were not found

The file command expected a source and destination filenames.

s056261: The source and destination filenames must be on the same device

The rename command requires the source and destination filenames to be on the same storage device.

s056262: The source and destination filenames must have the same file type extension

The rename command requires the source and destination filenames to have the same filename type extension.

s056263: A file with the same destination filename already exists

The rename command requires the destination filename to be unique.

s056264: The filename given is invalid

The given filename is not valid, for some reason, such as being too long or having a bad file type.

s056265: file <string> not created, insufficient device space or write error

The file creation failed either because there was insufficient device space or a write of the file header to the device failed.

s056266: file <string> not completely written due to write error

The write of data to a file failed due to a hardware failure.

s056267: an error occurred opening file <string>

An unspecified error occurred opening the file.

s056268: an error occurred reading file <string>

An unspecified error occurred while reading the file.

s056269: an error occurred while trying to delete the file <string>

An unspecified error occurred while trying to delete the file.

s056270: an error occurred while trying to rename the file <string>

An unspecified error occurred while trying to rename the file.

s056271: the contents of file <string> are invalid

While reading the specified file, it was found the contents are invalid.

s056272: Operation aborted: Flash is currently busy

The requested flash operation was aborted because the flash storage device is currently compacting. Operations that write to flash cannot do so safely if the device is compacting.

**s056273: File isn't binary release or patch file, Can't copy to flash or NVS.
Use LOAD FILE=<filename>.<ext> METHOD=CFLASH**

If the source file is a release file or patch file and the source device is CompactFlash, the file should be a binary file in order to copy to flash or NVS.

s056274: <string> is write protected.

The translation table is used for 16.3 to 8.3 filename management. An attempt to delete the translation table from memory has been made. This is not allowed.

s056275: The translation table is being updated, please wait.

The translation table has been purged and needs to be saved. However, the file is still in the write queue from a previous action. The process waits a preset time and then tries to save.

s056276: You must be in the root directory to purge the translation table.

An attempt to purge the translation table was made in a CFlash directory other than the root directory.

s056277: <string> operation underway

An operation that may take some time has begun.

s056278: <string> operation complete

An operation that may take some time has completed.

s056279: Limit of 100 filenames beginning with <string> has been reached

A long filename with the same first few characters has been repeatedly used. The translation table concatenates the filename and assigns unique IDs as required. However, the limit for filenames beginning with this character has been reached. Choose another filename.

s056280: Files with extension .<string> cannot be copied

Certain files, usually private keys, should not be copied, even to the same device.

s056281: The file <string> is locked and cannot be renamed

The specified file is locked. This usually means that the file is in use. The file must be unlocked before it can be renamed.

s056282: The file <string> is locked and cannot be deleted

The specified file is locked. This usually means that the file is in use. The file must be unlocked before it can be deleted.

s056283: Error <number> writing file <string>

The specified error occurred while writing to the specified file.

s056283: Error <number> writing file <string>

The specified error occurred while writing to the specified file.

s056284: Insufficient space to store file <string>

No room to store this file.

s056285: Writing <string> to Flash may take a few minutes

Warning message when copying files greater than 16k from Compact Flash to Flash because it can take a while before you can see the file with the SHOW FILE command.

s056286: Invalid pattern: <string>

An invalid regular expression was specified. Re-enter the command with a valid regular expression.

s056287: The source host prefix <number> must not exist in the destination hostlist

The source can not exist in destination hostlist:

"COPY 1:filename 1-3:filename" is not valid. Re-enter the command with a valid regular expression.

s056288: The source file requires a single host prefix

The source host prefix can only have one host in the hostlist.

s056289: The <string> host prefix requires a <string> host prefix

There must be a destination hostlist if there is a source host. There must be a source host if there is a destination hostlist.

s056290: Host <number> is not a member of the stack

The hostid given is not in this stack.

s056291: <string> operation failed, <string>

The specified operation failed due to the specified reason.

s057256–s057999: Logging Facility**s057256: Internal Error: <string>**

An unexpected internal error has occurred. Contact your authorised distributor or reseller.

s057257: <string> is already enabled

The specified feature or function is already enabled.

s057258: <string> has been enabled

The specified feature or function has been enabled.

s057259: <string> is already disabled

The specified feature or function has already been disabled.

s057260: <string> has been disabled

The specified feature or function has been disabled.

s057261: Specified output definition does not exist

The output definition referenced by the command does not exist. Use the SHOW LOG OUTPUT command to see a list of output definitions.

s057262: Required parameter(s) missing, <string> required

One or more parameters required by the command were not supplied. Re-enter the command with all required parameters, and consult the online help (HELP LOG), online or Software Reference for further assistance.

s057263: Output definition is already defined

You attempted to create an output definition that already exists. If you wish to modify the settings of the existing output definition, use SET LOG OUTPUT. If you wish to create a new output definition, you must select an index number for it that is not currently in use. Use SHOW LOG OUTPUT to see a list of existing output definitions.

s057264: DESTINATION=<string> only permitted when OUTPUT=<string>

The destination value in your command can only be used on certain output definitions.

s057265: <string> successfully created

The specified object has been created successfully.

s057266: <string> successfully destroyed

The specified object has been successfully destroyed.

s057267: No changes specified

Your SET command did not specify any new parameter values.

s057268: Filter <number> does not exist on specified output definition

The specified filter does not exist.

s057269: Netmask <ipadd> is incompatible with address/network <ipadd>

You have specified a network mask that is not compatible with the given IP address or network.

s057270: Cannot specify MASK without ORIGIN

The MASK parameter may not be used unless the ORIGIN parameter also appears in the same command.

s057271: ALL cannot be specified with other conditions

You cannot mix ALL with other conditions.

s057272: New filter number for output definition <number> cannot exceed <number>

The new filter number specified by your command is not acceptable. The largest acceptable filter number is quoted by the error message.

s057273: <string> added successfully

The specified object has been added to the log module configuration.

s057274: <string> deleted successfully

The specified object has been deleted from the log module configuration.

s057275: Output definition has no filters attached

The specified output definition does not have any filters configured.

s057276: The log module has been reset

The log module has been reset.

s057277: The log module is not enabled

The log module is not enabled. This command can only be issued when the log module is enabled. To enable the log module, use `ENABLE LOG`.

s057278: The log module configuration has been reset to defaults

The log module configuration has been erased and reset to defaults. If the `PURGE LOG` command is issued when the log module is disabled, the configuration is erased instead of being reset to defaults.

s057279: The log module configuration has been erased

The log module configuration has been erased and no longer occupies any configuration space in NVS. If the `PURGE LOG` command is issued while the log module is enabled, the configuration is restored to defaults rather than being erased completely.

s057280: FULL cannot be mixed with FILTER

The `FULL` parameter cannot be specified with the `FILTER` parameter.

s057281: FILTER can only be used with a specific output definition

The `FILTER` parameter may only be used when a specific output definition is referenced, by providing a value on the `OUTPUT` parameter.

s057282: The '<value>' search modifier can only be used with string values

The `"%"` search modifier searches for one string within another, so it can only be used with string values.

s057283: Illegal date: <string>

The date value supplied in the command is incorrectly formatted. Valid forms are `DD-MMM-YY` (for example `29-FEB-1996`) and `DD/MM/YY` (for example `29/03/96`).

s057284: Illegal time: <string>

The time value supplied in the command is incorrectly formatted. The correct form is `HH:MM:SS` (for example `15:04:00`) with both the minute and second parts being optional. (for example `13`, `13:00` and `13:00:00` are all legal and refer to 1pm).

s057285: Specified log reception entry already exists

The command attempted to create a log reception entry that already exists.

s057286: Cannot specify MASK when RECEIVE=ANY

The `MASK` parameter cannot be used when `RECEIVE=ANY`.

s057287: Log reception entry does not exist

The specified log reception entry does not exist.

s057288: Cannot specify PASSWORD when PROTOCOL=OLD

A password cannot be specified for the old router log message protocol, since that protocol does not support password protection.

s057289: SUBTYPE can only appear after TYPE has been specified

The `TYPE` parameter must always appear in a command before the `SUBTYPE` parameter may be specified.

s057290: Parameter(s) invalid for DESTINATION=<string>

Some parameter(s) in the command cannot be used with the specified value of `DESTINATION`.

s057291: Syntax error - nothing may follow "="

The PARAMETER=* syntax is used to remove a condition from a log message filter. This means that the parameter may take any value. It does not make sense to write anything after the "*".

s057292: No (matching) log messages found

No matching log messages were found.

s057293: Cannot have DESTINATION=<string> when OUTPUT=<string>

The specified value of DESTINATION cannot be used with that output definition.

s057294: Asyn <number> is already in use

The specified port is already being used.

s057295: The IP module is disabled, cannot send/receive ROUTER/SYSLOG messages

The IP module is disabled, therefore the log system is unable to send or receive any IP traffic such as SYSLOG and router-to-router (SRLP, Net Manage) messages. If these functions are required, the IP module should be enabled and correctly configured.

s057296: The UTC offset has been set

The offset between this router's local time and UTC/GMT has been changed.

s057297: ACTION must be specified with other conditions

A log filter cannot be added with just an ACTION condition.

s057298: A match all filter has fixed ACTION=PROCESS

An ALL filter cannot have its action changed to IGNORE.

s057299: Asyn <number> is already in use by TTY device

The DESTINATION and PORT parameters were specified in an output definition, but the specified asynchronous port cannot be used it is already being used by a TTY device.

s057300: The local interface <number> does not exist

The local interface is not configured on the device.

s057301: The supplied server IP address is already in use by a local interface

The IP address of the syslog server cannot be the same as the IP address of the SYSLOG output definitions local interface.

s058256–s058999: PING**s058256: <string> is currently active**

This message is displayed if user is trying to make another ping or trace session while there is an active session already running.

s058257: <string> module is not active

This message is displayed if user is trying to do particular type of PING, but the network layer for the session, i.e. APPLE, IPG or IPX, is not enabled.

s058258: Illegal parameter combination, refer to online HELP (HELP PING)

The command supplied by the user contains a syntax error.

s058259: <string>, finished successfully

The ping or trace session finished successfully.

s058260: The destination is either unspecified or invalid

The ping or trace session does not contain a valid AppleTalk, IP or IPX address.

s058261: Invalid source: <ipadd>, default source address <ipadd> will be used

This message is displayed as a warning to trace user that there is no source address to be used, and the PING module automatically chooses the address of one of the IP interfaces configured as the source address of the trace packets.

s058262: No more than <number> packets may be sent continuously

This message is displayed if user is trying to send more than certain number of packets in continuous fashion. This limitation is placed to avoid the PING module monopolising the CPU time in such a way that it degrades the performance of other modules.

s058263: Specified host is not in the host table

This message is displayed when the user specifies a host name as a replacement for an IP address, but the host name is not listed in the host table. See the ADD IP HOST command for more information about adding a host name to the host table.

s058264: No <string> info for this device

This message is displayed when the user is trying to display the PING session information, but there is currently no PING information available.

s058265: Other logged-in users still using the PING and/or TRACE

This message is displayed if a privileged user is trying to set or purge the default PING/TRACE parameters, while other logged-in users are still using their sessions.

s058266: The current <string> information has been purged by device <number> (<string>)

This message is displayed on all users logged-in and using the PING/TRACE service while a privileged user is forcing the PING module to purge all default information regardless.

s058267: Invalid AppleTalk source address <number>:<number>

This message is displayed if the specified AppleTalk source address is not one of our AppleTalk interfaces' address.

s058268: Invalid IP source address <ipadd>

This message is displayed if the specified IP source address is not one of our IP interfaces' address.

s058269: Invalid IPX source address <hexnum>:<hexnum>

The IPX source address is not a correctly formatted IPX address, or the address is not the address of one of the router's IPX interfaces.

s058270: No route to destination <ipadd>

The ping could not be transmitted because no route exists to the specified destination.

s058271: Target/host <ipadd> is unreachable

The target of the ping is unreachable. No response has been received from the target.

s058272: Maximum packet length for AppleTalk PING is <number>

An invalid packet length was specified. Re-enter the command with a valid packet length.

s058273: Incompatible source and destination types

The specified source and destination types are incompatible. Re-enter the command with a valid source and destination.

s058274: The timeout must be less than or equal to 60 seconds

An invalid timeout was specified. Re-enter the command with a valid timeout.

s058275: Invalid OSI source address

This message is displayed if the specified OSI source address is not one of our Virtual Routers addresses.

s058276: Invalid IPv6 source address

The source IPv6 address specified on the command line or in the default configuration is invalid. This could mean that the address does not exist on this router.

s058277: No route to destination IPV6 address

There is no route to the specified destination IPv6 address.

s058278: No IPV6 interfaces found

There is a route to the destination IPv6 address but the interface that was specified as being connected to the next hop does not have IPv6 configured on it.

s058279: No interface for source IP address

An IP interface has not been configured, so there is no source IP address. An IP interface must be configured before PING can be used. Add an IP interface using the ADD IP INTERFACE command, add a route using the ADD IP ROUTE command, and then re-enter the PING command.

s058280: SAMPLESIZE must be greater than or equal to FAILCOUNT

The SAMPLESIZE parameter for the PING poll instance must be greater than or equal to the FAILCOUNT parameter. Otherwise, the count of failures can never be reached because there never are that number of samples in the count. Reenter the command, ensuring that SAMPLESIZE is greater than or equal to FAILCOUNT once the command is entered.

s058281: There is no currently active <string>

There is a route to the destination IPv6 address but IPv6 is not configured on the interface specified as being connected to the next hop.

s059256–s059999: Simple Network Management Protocol (SNMP)**s059256: SNMP community creation failed**

The creation of an SNMP community failed due to some reason. Check all parameters entered on the command line and re-enter the command.

s059257: SNMP community <string> not found

The given SNMP community was not found, so the command could not be executed. Re-enter the command with the name of an existing SNMP community.

s059258: No action specified on command line

A command was entered that causes no action. No error has occurred but no action has taken place either. Re-enter the command and specify an action.

s059259: SNMP community addition failed

Adding a trap host or manager to an SNMP community failed. The typical reason for this is that the trap host or manager is already defined for that community.

s059260: SNMP community deletion failed

Deleting a trap host or manager from an SNMP community failed. The usual reason for this is that the trap host or manager was not defined for that community.

s059261: SNMP community destruction failed

Destroying an SNMP community failed. The usual reason for this is that the community does not exist.

s059262: SNMP group <string> with security level <string> already exist

The given SNMP group with specified security level already exists. Therefore, the command could not be executed. Re-enter the command with the name of a non-existing pair of SNMP group and security level.

s059263: SNMP group addition failed

The creation of a SNMP group failed. Check all parameters entered on the command line and re-enter the command.

s059264: SNMP group <string> with security level <string> not found

The given SNMP group with specified security level was not found. Therefore, the command could not be executed. Re-enter the command with the name of an existing pair of SNMP group and security level.

s059265: SNMP group deletion failed

Deleting a SNMP group failed. The usual reason for this is that the group does not exist.

s059266: SNMP group set failed

Setting a SNMP group view failed.

s059267: SNMP target address addition failed

The creation a SNMP target address failed. Check all parameters entered on the command line and re-enter the command.

s059268: SNMP target address <string> not found

The given SNMP target address was not found. Therefore, the command could not be executed. Re-enter the command with the name of an existing SNMP target address.

s059269: SNMP target address deletion failed

Deleting a SNMP target address failed. The usual reason for this is that the target address does not exist.

s059270: SNMP target address setting failed

Setting a SNMP target address failed. The usual reason for this is that the target address does not exist.

s059271: SNMP target address <string> already exist

The given SNMP target address already exists. Therefore, the command could not be executed. Re-enter the command with the name of a non-existing SNMP target address.

s059272: SNMP user addition failed

The creation a SNMP user failed. Check all parameters entered on the command line and re-enter the command.

s059273: SNMP user <string> not found

The given SNMP user was not found. Therefore, the command could not be executed. Re-enter the command with the name of an existing SNMP user.

s059274: SNMP user deletion failed

Deleting a SNMP user failed. The usual reason for this is that the user does not exist.

s059275: SNMP user <string> already exist

The given SNMP user already exists. Therefore, the command could not be executed. Re-enter the command with the name of a non-existing SNMP user.

s059276: No action because authentication protocol is set to NONE

A command was entered which actually causes no action. No error has occurred, but no action has taken place either.

s059277: No action because privacy protocol is set to NONE

A command was entered which actually causes no action. No error has occurred, but no action has taken place either.

s059278: SNMP user set failed

The **set snmp user** command failed. Check all parameters entered on the command line and re-enter the command.

s059279: SNMP view addition failed

The creation a SNMP view failed. Check all parameters entered on the command line and re-enter the command.

s059280: SNMP view <string> not found

The given SNMP view was not found. Therefore, the command could not be executed. Re-enter the command with the name of an existing SNMP view.

s059281: No sub tree specified on command line

A command was entered which actually causes no action. No error has occurred, but no action has taken place either. Re-enter the command but specify a sub-tree.

s059282: SNMP view deletion failed

Deleting an SNMP view failed. The usual reason for this is that the view does not exist.

s059283: Purge SNMP failed

Purge SNMP failed.

s059284: SNMP read view name <string> setting failed

Setting an SNMP read view name failed.

s059285: SNMP write view name <string> setting failed

Setting an SNMP write view name failed.

s059286: SNMP notify view name <string> setting failed

Setting an SNMP notify view name failed.

s059287: Specified SNMP view already exist

The given SNMP view already exists. Therefore, the command could not be executed. Re-enter the command with the name of a non-existing SNMP view.

s059288: SNMP target params addition failed

The creation of a SNMP target params failed. Check all parameters entered on the command line and re-enter the command.

s059289: SNMP target params <string> not found

The given SNMP target params was not found. Therefore, the command could not be executed. Re-enter the command with the name of an existing SNMP target params.

s059290: SNMP target params deletion failed

Deleting a SNMP target params failed. The usual reason for this is that the target params does not exist.

s059291: SNMP target params setting failed

Setting a SNMP target params failed. The usual reason for this is that the target params does not exist.

s059292: SNMP target params <string> already exist

The given SNMP target params already exists. Therefore, the command could not be executed. Re-enter the command with the name of a non-existing SNMP target params.

s059293: Authentication protocol can not be set to NONE if privacy protocol is not NONE

A command was entered which actually causes no action.

s059294: SNMP group name <string> not found

The given SNMP group name was not found. Therefore, the command could not be executed. Re-enter the command with the name of an existing SNMP group.

s062256–s062999: Security Associations**s062256: Can't create this SA, it already exists**

The SA specified in the CREATE SA command line already exists and cannot be created again. Enter a new SA ID to create a new SA successfully.

s062257: SA <number> not found

The specified SA does not exist and was not found. Enter the ID of an existing SA.

s062258: Invalid expiry date for SA

A badly formatted date was seen in parsing the command line. The date format is dd-mmm-yy, for example, 12-Sep-96.

s062259: Mandatory parameter <string> not seen

A parameter required for the command was not seen in the command line. Re-enter the command with all of the required parameters.

s062260: Error adding member to SA

An error occurred adding a member to an SA. The most likely cause is that the member already exists for this SA.

s062261: IP address and netmask inconsistent

When adding a member to an SA member list, the IP address and net mask entered do not match. The check carried out is that when the address is ANDed with the net mask, the result is the address. Thus an address of 202.36.163.0 with net mask 255.255.255.0 is okay, but an address of 202.36.163.5 with a net mask of 255.255.255.0 is not because 202.36.163.5 AND 255.255.255.0 gives 202.26.163.0, which is not equal to 202.36.163.5.

s062262: Error deleting member from SA

An error occurred deleting a member from an SA. The most likely cause is that the member does not exist for this SA.

s062263: Can't set SPI within IANA reserved range (<number>-<number>)

The value of the SPI parameter given is within a range reserved by the IANA (Internet Assigned Numbers Authority) and therefore cannot be used for this command. Re-enter the SPI with a number outside the reserved range.

s062264: Parameter not seen. <string> must precede <string>

The required parameter was not seen in the command line.

s062266: Invalid key or key not found

The specified key file does not exist in flash memory.

s062267: The key does not match the specified EncAlg

The specified key does not match the encryption algorithm used by the Security Association.

s062268: Key File Error

A flash file system error occurred while trying to read the specified encryption key file.

s062269: Encryption algorithm is invalid or no licence exists

An unknown key type was detected.

s066256–s066999: Internet Protocol version 6 (IPv6)**s066257: Invalid IP address <string>**

The address entered on the command line was not a valid IPV6 address. An example may be 3ffe::4 or 2dde:3ffe:0::4.

s066258: Must specify <string>

A parameter that must be specified, has not been.

s066259: Interface address is already attached to IPv6 interface

There must be no duplication of an interface when creation is attempted.

s066260: No more <string> may be added

An upper limit has been reached, when adding an object. For example, this message is shown when the number of current interfaces equals IPV6MAXINTERFACES (16), and the creation of another one is attempted.

s066261: IPv6 address already assigned

There must be no duplication of an address when attempting to add one to an interface.

s066262: <string> not supported on <string> interfaces

The combination specified in the message is not a valid combination.

s066263: The IPv6 module is not enabled

The IPV6 module is not active. The command cannot be completed.

s066264: Internal Error: <string>

An internal error has occurred. Contact your authorised distributor or reseller.

s066265: <string> successfully updated

The update operation was successful. The specified object has been updated.

s066266: <string> successfully deleted

The deletion operation was successful. The specified object has been deleted.

s066267: <string> successfully added

The addition operation was successful. The specified object has been added.

s066268: Interface not attached to IPv6 module

The specified interface is not configured for use by the IPV6 module.

s066269: Specified IP interface does not exist

The specified interface does not exist.

s066270: <string> has been disabled

The specified option or feature has been disabled.

s066271: <string> has been enabled

The specified option or feature has been enabled.

s066272: <string> is already enabled

The function specified is already enabled.

s066273: <string> is already disabled

The function specified is already disabled.

s066274: <string> exists

The specified object (RIP, route, etc) already exists.

s066275: No matching <string> found

The object (RIP, route, etc) cannot be found.

s066276: <string> is active

The specified process is currently active, please wait, to try again.

s066277: Invalid ping destination

The destination address entered on the PING command line was not a valid IPV6 address.

s066278: Invalid source address

The source address entered on the PING command line was not a currently active address. The address was not attached to any interface.

s066279: host address not found

The host name entered on the PING command line was not found.

s066280: host address resolved to <string>

The host name entered on the PING command line was found.

s066281: Route not added

The addition of another route was not allowed. Possibly because it already exists.

s066282: <string> not found

The specified object (RIP, route, etc) cannot be found.

s066283: RIP entry for router's own interface is not allowed

A RIP entry cannot be added to this interface.

s066284: v6 over v4 tunnel successfully created

The creation of an IPV6 tunnel has been successful.

s066285: creation of v6 over v4 tunnel failed

The creation of an IPV6 tunnel has not been successful.

s066286: preferred lifetime value must be less than the valid lifetime value of <number>

The interface address lifetime values are invalid, possibly because the preferred lifetime value is greater than the valid lifetime value.

s066287: no source specified for destination link-local address

The link-local address entered on the PING command line was not accompanied by a valid IPV6 source address.

s066288: Unable to resolve host name to IPv6 address

The specified host name could not be converted into an IPV6 address. This normally means that the host does not exist.

s066289: Resolving host name "<string>" to IPv6 address

The host name is currently being searched for, and will be converted into a valid IPV6 address soon.

s066290: Identical to filter <number>, entry <number>, filter not added

An attempt was made to add a filter entry but an identical entry, with the specified filter number and entry number, already exists.

s066291: Parameter <string>

There is a problem with the combination of parameters entered on the FILTER command line, the parameters involved are displayed to the user.

s066292: Filter <number>, not found

The specified filter does not exist.

s066293: Pattern not found at index <number>

The specified entry (pattern) was not found at the specified index.

s066294: invalid prefix: <string>

The prefix value was not between 0 and 128. Making it invalid.

s066295: Prefix mismatch <number>: <number>

The PLEN parameter was entered along with the slash notation prefix, and they are not the same. For example 3ffe::5/32 PLEN=45 is not valid whereas 3ffe::5/32, 3ffe::5 PLEN=32, and 3ffe::5/32 PLEN=32 are valid combinations.

s066296: Pattern <number> not found

The specified entry (pattern) was not found, and cannot therefore be deleted.

s066297: Address not found

The interface address, that was to be deleted or modified does not exist on that interface.

s066298: Parameter <string> is required for <string> Interfaces

The interface was not of the type required for the particular command.

s066299: <string> invalid for <string> Interfaces

The command was not valid for this interface type.

s066300: Invalid parameter combination<string>

An invalid combination of parameters has been used.

s066301: Identical to entry <number>, entry not added

An identical entry was found.

s066302: IDHCP6 Error: <string>

A DHCP6 Error occurred.

s066303: <string> preference already set to <number>

The protocol's preference is already set to the specified value.

s066304: Cannot attach to specified interface

The interface specified cannot be attached too.

s066304: The link-local address cannot be an anycast address

The protocol's preference already set to a specified value.

s066305: Policy filters not supported. Valid ranges 0-99, 200-299

Policy filters are not support with this command. Valid filter ID ranges are 0-99 for traffic filters and 200-299 for priority filters.

s066306: Valid lifetime value must be greater than the preferred lifetime value of <number>

The valid lifetime specified is less than the preferred lifetime value. <number> is the current preferred lifetime value.

s066307: Cannot attach to specified interface

Failed to add the interface.

s066308: MTU invalid value. Valid value is 0, or 1280 - 65535

An invalid MTU value was specified. The MTU value must be either 0, or from 1280 to 65535 inclusive. Re-enter the command with a valid MTU value.

s066309: RETRANS must be specified in increments of 100ms, value rounded up to <number>

Values for the RETRANS parameter must be specified in increments of 100ms, but a value was specified that was not a multiple of 100. The value has been rounded up to the specified value.

s066310: RETRANS must be specified in increments of 100ms, value rounded down to <number>

Values for the RETRANS parameter must be specified in increments of 100ms, but a value was specified that was not a multiple of 100. The value has been rounded down to the specified value.

s066311: The mac address provided is the mac address <number>

Do not allow device MAC addresses for adding static ND.

s067256–s067999: Layer 2 Tunnelling Protocol (L2TP)

s067256: There are no free UDP ports available for L2TP

L2TP has tried to open a UDP listen port for L2TP but failed due to a lack of free UDP listen ports.

s067257: <string> is already enabled

An attempt was made to enable the specified object, but it is already enabled. The command is redundant.

s067258: <string> is already disabled

An attempt was made to disable the specified object, but it is already disabled. The command is redundant.

s067259: Call (<number>) is not over tunnel (<number>)

The specified call is not configured or active over the specified tunnel, so the command is not valid.

s067260: Call already activated

This call is already active. Use the DEACTIVATE CALL command to terminate the call before trying to reactivate it.

s067261: Call not active

The call cannot be deactivated because it is not active.

s067262: The lower value of the range is greater than the top value

The values given for the range are invalid. The lower value for the range is greater than the top value for the range.

s067263: Call name cannot have all numeric characters

The call name is invalid. A call name must have non-numeric characters.

s068256–s068999: Asynchronous Transfer Mode (ATM)

s68257: Parameter <string>, invalid interface <string>

ATM cannot run on the specified interface. Re-enter the command with a valid interface for the parameter.

s68258: Parameter <string> required but not seen in command line

The specified parameter is required but has not been seen in the command line. Re-enter the command and include the missing parameter.

s68259: Parameter VCI required if VPI is present

The VCI parameter must be present on the command line if VPI is present. Re-enter the command and specify both VCI and VPI.

s68260: Parameter VPI required if VCI is present

The VPI parameter must be present on the command line if VCI is present. Re-enter the command and specify both VCI and VPI.

s68261: ChannelType=SVC is not supported

Switched virtual circuits (SVC) are not supported on the router. Re-enter the command and specify type=pvc

s68262: Parameter <string> and <string> are mutually exclusive

The specified parameters are mutually exclusive. Re-enter the command and specify only one of them.

s68263: A value is required for Parameter <string> if <condition>

A value is required for the specified parameter because of the given condition. Re-enter the command and specify an appropriate value.

s68264: No change to ATM Channel. Additional parameters required for command to have an effect

The entered command did not cause a change to the ATM channel configuration. Further parameters need to be supplied to have an effect.

s68265: Additional parameter(s) required for this command

The end of the command line was reached before the command processor expected it. A parameter or parameters may be missing. Re-enter the command with the correct parameters.

s68266: The ATM functionality is not available on this platform

There is no hardware to support ATM on the router.

s68267: The instance number supplied is invalid

The specified instance was invalid. Re-enter the command with a valid instance.

s68268: The instance number supplied is too large. Valid range 0-9

The specified instance number was outside the valid range. Re-enter the command with an instance number in the range 0 to 9.

s68269: The operation failed because the instance has channels on it

The specified operation was invalid because a channel or channels exist within the instance. If desired, remove the channel and re-enter the command.

s68270: The operation failed because the instance is already used

The operation requires a unique new instance but the specified instance number is already in use. Re-enter the command with a unique instance number in the range 0 to 9.

s68271: The channel number given was too large. Valid range 1-30

The specified channel number was outside the valid range. Re-enter the command with a channel number in the range 1 to 30. To see a list of configured instances and channels enter the command **show atm channel**.

s68272: The channel specified is already in use

The specified channel number is already in use. Re-enter the command with a unique channel number in the range 1 to 30. To see information about configured channels enter the command **show atm channel**.

s68273: The channel specified does not exist

The specified channel has not been added to the instance. Either re-enter the command with a valid channel number, or add the channel to the ATM instance and then re-enter the command. To see information about configured channels enter the command **show atm channel**.

s68274: The operation failed because the channel has modules attached

The specified operation is only valid for channels without attached modules. To see information about attached modules enter the command **show atm channel**. If desired, detach the module and re-enter the command.

s68275: The specified VCI VPI pair is already in use on the instance

The specified combination of VCI and VPI already exists on this instance. Each VCI VPI pair on an instance needs to be unique. Re-enter the command and specify a valid VCI VPI pair.

s68276: There was not enough memory available to complete operation

The router did not have enough free buffer space to complete the requested operation. Wait until the router is less busy and re-enter the command.

s68277: The VPI supplied can not be used

Either the specified VPI is outside the limits for this command, or the router hardware could not use this VPI VCI pair. Re-enter the command with a valid VPI.

s68278: The VCI supplied can not be used

Either the specified VCI is outside the limits for this command, or the router hardware could not use this VPI VCI pair. Re-enter the command with a valid VCI.

s68279: The Service Class given is not supported

The router hardware does not support the specified service class. Re-enter the command and specify a supported service class.

s68280: There are no channels available for use

The router hardware does not have any space left for active channels.

s68281: The PCR supplied was too large

The specified PCR is larger than the available bandwidth. Re-enter the command and specify a lower PCR. To see the valid maximum, enter the command **show atm=instance-number** and check the **Max Tx VC bit rate**.

s68282: The PCR supplied was too small

The PCR supplied is smaller than the minimum allowed channel bit rate. Re-enter the command and specify a PCR in the range 32 to **Max Tx VC bit rate** (shown in the command **show atm=instance-number**).

s68283: The MCR supplied was too large

The MCR supplied is larger than the available bandwidth. Re-enter the command and specify a lower MCR. To see the valid maximum, enter the command **show atm=instance-number** and check the **Max Tx VC bit rate**.

s68284: The MCR supplied was too small

The MCR supplied is smaller than the minimum allowed channel bit rate. Re-enter the command and specify an MCR in the range **Min Tx VC bit rate** to **Max Tx VC bit rate** (shown in the command **show atm=instance-number**).

s68285: The SCR supplied was too large

The SCR supplied is larger than the available bandwidth. Re-enter the command and specify a lower SCR. To see the valid maximum, enter the command `show atm=instance-number` and check the **Max Tx VC bit rate**.

s68286: The SCR supplied was too small

The SCR supplied is smaller than the minimum allowed channel bit rate. Re-enter the command and specify an SCR in the range **Min Tx VC bit rate** to **Max Tx VC bit rate** (shown in the command `show atm=instance-number`).

s68287: The AAL type given is not supported

The router does not support the specified AAL type. Re-enter the command and specify a different AAL type.

s68288: The system country has no set defaults

The country you have specified using the `set system country` command has no standard ATM VPI VCI encapsulation. You need to fully configure ATM. Contact your service provider for settings information.

s68289: An internal error occurred

An internal error to the ATM module occurred while executing the operation. Please examine the log (using the command `show log`) for further information and contact your authorised distributor or reseller.

s68290: The Oam path is currently in use from previous request or external request

The VPI is currently in use by an external request or a previous request. The ITU-T specification I.610 requires 5 seconds between requests. Wait at least 5 seconds and try again.

s68291: The L1 interface specified is already attached

The specified Layer 1 interface is already attached to an instance in ATM.

s68292: Setting parameters on an enabled channel is not allowed

The channel needs to be disabled before any parameters can be set on the channel. To disable the channel, use the command `disable atm=instance-number channel`.

s68293: Parameter <string> is only available under <string> service class

The specified parameter cannot be used with the service class you specified. Re-enter the command with a valid combination of parameters and service class.

s68294: Service class <string> requires parameters <string> to be supplied

The listed parameters must be specified for the specified service class. Re-enter the command with a valid and complete combination of parameters and service class.

s68295: Parameter <string> must be larger than <string>

The value specified for the first parameter must be larger than the second parameter.

s68296: Parameter <string>, value too low; minimum is <number>

The value entered for the specified parameter is too low. The minimum allowable value is displayed. Re-enter the command with a new value within the allowed range.

s068297: The operation requires the l1 link to be up

This operation requires the l1 link to be up.

s068298: The parameter <string> requires <string> encapsulation

The specified parameter needs the specific encapsulation on the channel.

s070256–s070999: Dynamic Host Configuration Protocol (DHCP)**s070256: There are no free UDP ports available for DHCP**

DHCP has tried to open a UDP listen port for DHCP but failed due to a lack of free UDP listen ports.

s070257: The given range of IP addresses is too large

The given range is too large. Choose a smaller range of IP addresses.

s070258: The given range of IP addresses overlap with an existing range

The given range of IP addresses overlap with an existing range. Redefine the range so it does not overlap.

s070259: The given IP address is not in the given range

The specified IP address is not in the IP address range of the specified range.

s070260: policy <string> is still in use by host <ipadd>

The specified policy cannot be destroyed as a host is still using it.

s070261: <string> is already enabled

An attempt was made to enable the specified object, but it is already enabled. The command is redundant.

s070262: <string> is already disabled

An attempt was made to disable the specified object, but it is already disabled. The command is redundant.

s070263: unable to write range database file

An attempt to write the range database file failed.

s070264: static entry with same hardware address exists

An attempt was made to add the same static DHCP client twice.

s070265: The destroyed policy <string> has been used by another policy as a source of configuration information

Warning - destroying a policy that has children.

s070266: <ipadd> not added to range (<string> address)

The range includes a broadcast or network address. This address was not added to the pool of available addresses.

s070267: Too many IP addresses specified for Parameter <string>

A maximum of 32 IP addresses can be specified in a comma-separated list for the parameter.

s070268: PROBE=ARP cannot be used if a GATEWAY is specified

The probing of a DHCP address using the ARP request/reply mechanism will only work if the DHCP clients are located on the same subnet. If a gateway is used then the default ICMP echo request/reply probing mechanism should be used.

s073256–s073999: Encryption

s073256: A new boot config script must be created and the router restarted

The number of Stac LZS or Predictor channels has been changed and a reboot is required.

s073257: Not enough buffers set aside for software compression

The router does not have enough buffers to provide the number of software compression channels requested.

s073258: Buffers set aside for software compression are not contiguous

There was a problem allocating enough contiguous buffers to provide the number of software compression channels requested.

s073259: Mutually exclusive parameters on same line - <string> and <string>

In parsing a command, two mutually exclusive parameters were seen. Re-enter the command, using only one of these parameters.

s073260: Parameter not seen. <string> must precede <string>

Another parameter must appear before one of the parameters entered.

s073261: Entered key was corrupted

The key entered was corrupted.

s073262: Error creating the Key

There was an error writing the key to flash.

s073263: Invalid Key or Key not found

The given keyid file was not found in flash.

s073264: Error Deleting the Key

There was an error deleting the key from flash.

s073265: Command not allowed at startup

The entered command cannot be executed from the boot script.

s073266: Invalid or unknown Key type

An unknown key type was detected.

s073267: Key file error

There was an error reading the key information from the file.

s073268: Encryption algorithm is invalid or no licence exists

An unknown key type was detected.

s073269: Invalid port - command not executed

ENCO access controlled commands must be entered via port 0.

s073270: Flash memory not found or inoperative, command cannot proceed

This command should only be entered on a router with working flash memory.

s073271: File <string> created successfully

A text file for the RSA public key was created successfully.

s073272: Unable to create file <string>, may already exist

An error occurred creating the text file for the RSA public key.

s073273: Unable to create the key, incorrect text file format

An error occurred creating the text file for the RSA public key.

s073274: Specified length is invalid

An invalid key length was specified. RSA key lengths must be a multiple of 32.

s073275: Invalid file name "<string>"

The specified filename is invalid.

s073276: Key exists - existing key must be destroyed before creating a new key

An attempt was made to overwrite the existing flash key file. The existing file or key must be deleted before creating a new key.

s073277: Key Generation currently in progress. Try later

Key generation is currently in progress.

s073278: RSA Key Generation process started

The ENCO module has started creating an RSA key. Wait for the completed message.

s073279: RSA Key generation process completed

The RSA key generation is completed.

s073280: Cannot find the specified keyfile <string>

The specified key file was not found in flash.

s073281: Only RSA keys can be imported/exported from/to Text files

An invalid encryption algorithm was specified with the parameter file. Only RSA keys can be imported from or exported to key files.

s073282: Exceeding the limit, Max 4 SW compression channels allowed

The maximum number of software compression channels allowed is 4.

s073283: Certificate exists - certificate must be deleted first

An attempt was made to overwrite an existing certificate file in flash. The existing file must be deleted first before creating a new one.

s073284: Cannot find the specified certificate '.crt' file <string>

The specified '.crt' file is not found in the router flash.

s073285: Certificate file error

An error occurred reading certificate info from the certificate file. The file may be corrupt.

s073286: Invalid Certificate or Certificate not found

The specified certificate file is not found in flash.

s073287: Entered key string has invalid length

The specified key string has an invalid length for the key type specified. Re-enter the command with a valid key string or specify an different key type.

s074256–s074999: Star Key Management

s074256: Mutually exclusive parameters on same line - <string> and <string>

In parsing a command, two mutually exclusive parameters were seen. Re-enter the command, using only one of these parameters.

s074257: Parameter not seen. <string> must precede <string>

Another parameter must appear before one of the parameters entered.

s074258: Entered key was corrupted

The key entered is not a valid encryption key.

s074259: Parameter value not seen. <string>=value must precede <string>

A required parameter was not seen on the command line.

s074260: <string> value length too short. Minimum length is <number>

The specified parameter's value must be at least the specified length.

s074261: Value not allowed on parameter <string>

In the entered command the specified parameter cannot take a value.

s074262: Slave serial number <string> not in log

No slave with the serial number entered has requested the master key table.

s074263: Transfer already authorised and proceeding

The specified request has already been authorised and the transfer is under way.

s074264: No current request from specified slave

The specified request has failed or expired.

s074265: Command available on STAR MASTER only

This command is available on routers configured as a MASTER node of the specified star.

s074266: The only valid star mode change is standby -> master

The only allowed change of a star mode is from standby to master.

s074267: Star Entity already exists

The star entity already exists.

s074268: Star Entity does not exist

The star entity does not exist.

s074269: Command not allowed at startup

The command is not allowed in a boot script.

s074270: Command only allowed at startup

The command must be in a boot script.

s074271: Net Key is not valid

The entered key is not a valid encryption key.

s074272: Encryption algorithm is invalid or no licence exists

An invalid encryption type has been specified or no licence exists for the encryption algorithm.

s075256–s075999: Secure Shell

s075256: Mutually exclusive parameters on same line - <string> and <string>

In parsing a command, two mutually exclusive parameters were seen. Re-enter the command, using only one of these parameters.

s075257: Parameter not seen. <string> must precede <string>

Another parameter must appear before one of the parameters entered.

s075258: Bad username entered

An invalid username was entered. Check the spelling and case and re-enter.

s075259: User already exists

The user already exists in the user database.

s075260: Password required

An invalid password has been entered.

s075261: Bad password entered

An invalid password has been entered.

s075262: Key ID required

The required keyID parameter has not been entered.

s075263: Host key must be 128 bits larger than server key

The Host key must be 128 bits larger than the Server key.

s075264: Host key is not valid

The specified Host key does not exist, is shorter than 640 bits, or is longer than 2048 bits.

s075265: Server key is not valid

The specified Host key does not exist, is shorter than 512 bits, or is longer than 1920 bits.

s075266: Secure Shell connections not allowed

The user is not permitted to make Secure Shell connections.

s075267: No free Secure Shell sessions

There are not enough free Secure Shell sessions to create a new connection.

s075268: The hostname or IP address is invalid

The specified destination IP address is not valid.

s075269: The requested command is invalid

The remote command is not a valid router command.

s075270: No licence or encryption resources unavailable

There is no licence for Secure Shell on this router. DES encryption is not available on this router.

s075271: Failed to connect

A connection could not be made to the remote address.

s075272: Authentication required

The PASSWORD or KEYID parameters must be specified.

s075273: Cannot set MAXSESSIONS below the number of current sessions

The user has attempted to set the maximum number of concurrent SSH sessions to a level that is below the number of sessions currently established.

s076256–s076999: Resource Reservation Protocol (RSVP)**s076256: Command invalid with proxy entry of type PATH**

The command is invalid for a proxy entry of type PATH. The command may be able to be re-entered for a different proxy entry.

s076257: Parameter <string> invalid with proxy entry with style <string>

The given parameter is invalid in a command with a proxy entry whose reservation style is as given. Re-enter the command without the invalid parameter.

s076258: Command invalid with proxy entry with style <string>

The command is invalid for a proxy entry with the given style. The command may be able to be re-entered for a different proxy entry.

s076259: Parameter <string> required for proxy entry with style <string>

The given parameter is required in a command for a proxy entry whose reservation style is as given. Re-enter the command with the required parameter.

s076260: Filter/flow specification entry <number> doesn't exist

The filter/flow specification entry given does not exist. Re-enter the command with an existing filter/flow specification entry number.

s076261: Parameter(s) <string> invalid with proxy entry of type <string>

The given parameter is invalid in the command because the proxy entry type does not allow the parameter. Re-enter the command with the correct parameters for the proxy entry type or select a proxy entry whose type is correct for the parameters used.

s077256–s077999: Firewall**s077256: Interface <value> was not found in the security policy <string>**

The specified interface was not found in the list of interfaces currently known to the specified security policy.

s077257: 070707<string>

Sends a message with a bell to the manager terminal.

s077258: The lower value of the range is greater than the top value

The values given for the range are invalid. The lower value for the range is greater than the top value for the range.

s077259: A public interface can only be present in up to two policies

An attempt to add a public interface has failed. A public interface can appear in a maximum of two different policies.

s077260: The specified filename is invalid or not of type text

The given filename is not valid. Either the file is not in the correct format of the file type is not text.

s077261: File <string> does not exist

The given file does not exist on the router.

s077262: Port number given is not valid

A port number must always be specified when adding a port notify. The port specified must be present on the router. Use the command SHOW ASYN SUMMARY to display the ports available.

s077263: Protocol given is not valid in this situation

The protocol value given is not applicable in this situation. This could be because it is illegal to add a rule with a protocol of ICMP.

s077264: Too many entries in table

The user has tried to add too many entries to the table.

s077265: A feature license is required to enable the FIREWALL module

A feature license is required before the firewall can be enabled.

s077266: Interface <value> is not set to method application in policy <string>

The specified interface is not set to method APPLICATION in the specified security policy.

s077267: A feature license is required to add FIREWALL proxies

A feature license is required before firewall proxies can be added.

s077268: Dynamic interface <string> not setup correctly for operation

The specified interface is not set to method APPLICATION in the specified security policy.

s077269: Dynamic interface <string> cannot be used as a NAT global interface

The specified dynamic interface cannot be used as a global interface in a NAT rule because it will never be assigned a valid IP address.

s077270: SMTP relaying is currently enabled

Email messages trying to use the SMTP servers inside the firewall as a relay are currently permitted to pass through the firewall.

s077271: No SMTP domain configured for policy <string>

An SMTP domain must be specified when the SMTP proxy is in use so the proxy can decide (based on destination domain) which mail should be allowed into the firewall from the public side.

s077272: Cannot add more than <number> spam source lists to a policy

A request has been made to add a spam sources list file to the policy but the maximum number of spam sources list files has already been added.

s077273: Unable to open spam source file <string>

An error occurred while trying to open a spam source file specified in a ADD FIREWALL POLICY SPAMSOURCES command.

s077274: There are no SMTP proxies configured - unable to prevent relay
The DISABLE FIREWALL POLICY SMTPRELAY command has been issued but there are currently no SMTP proxies configured. Hence relaying cannot be prevented.

s077275: Interface has static NAT - Parameters <string> required
A rule is being added to an interface with a standard static NAT rule and one or both of the parameters GBLIP and IP have been omitted.

s077276: A feature license is required to add <string>
A feature licence is needed to add the specified feature (for example HTTP proxy). Contact your authorised authorised distributor or reseller.

s077277: Parameter <string> cannot contain an ip range with <string>
An attempt was made to add a rule with an action that does not accept an IP address range on the specified parameter. Some parameters accept either a single IP address or an IP address range, depending on the rule action. Re-enter the command with a different action or different parameter.

s077278: <string> cannot be used with parameter <string>
An attempt was made to add a rule with an action that is incompatible with the specified parameter. Re-enter the command with a different action or omit the parameter.

s077279: Int: <value>, already defined as "<string>" for this policy
An attempt was made to configure the specified interface as both a public interface and a private interface. Within the same policy, the same interface cannot be configured as both a public interface and a private interface.

s077280: Parameter <string> invalid when <string> is <string>
The specified parameter is invalid when the specified condition exists.

s077281: Parameter <string> required when <string> is <string>
The specified parameter is required when the specified condition exists.

s077282: <string> is currently disabled
An attempt was made to disable the specified entity but the entity was already disabled.

s077283: Direction <string> is not allowed on this command
The specified direction value is not valid for this command. Re-enter the command using a valid value for the direction.

s077284: TCP port for proxy (<number>) already in use by another module
A listen session could not be opened on the appropriate TCP port for the specified proxy because the port is already being used by another module. Use the SHOW TCP command to see the current state of TCP ports and sessions.

s077285: Failed to open the listen port for proxy (<number>)
A TCP listen port could not be opened for the specified proxy due a TCP error. Use the SHOW TCP command to see the current state of TCP ports and sessions. If the problem persists, contact your authorised distributor or reseller.

s077286: <string> is already enabled
An attempt was made to enable the specified entity but the entity was already enabled.

s077287: LB module is enabled

The firewall is disabled but there is a currently configured virtual balancer associated with the firewall policy.

s077288: The ranges entered are incompatible

The user has tried to set PORT=range, GBLPORT=range on a public interface rule where the ranges are not the same. Translation within these ranges in this context must be of a one-to-one nature.

s077289: <string> is already disabled

A command was entered to disable a specified feature that has already been disabled by a previous command.

s077290: Cannot enable UPnP when UPNPINT or UPNPGBLINT undefined

The UPnP public and private interfaces for the policy must be defined before UPnP support can be enabled.

s077291: Cannot delete UPnP interface while UPnP enabled on policy

The public and private UPnP interfaces cannot be deleted while UPnP support is enabled for the policy.

s077292: Failed to enable UPnP support for this policy

An error occurred when trying to enable UPnP support for the policy. This error prevents the firewall from correctly interacting with the UPnP module.

s077293: Buffer level too low to create a new policy

An attempt was made to create a new firewall policy when the buffer level was below buffer level 1.

s077294: A static IP ARP entry exists on vlan <number>

Software routing has started because a VLAN interface has been added to the Firewall. This is an error to say that a static IP ARP entry exists on that interface.

s077295: Upnptype of Wan can only be specified for a Public Interface

An attempt was made to specify UPNP_TYPE=LAN for a public interface. WAN must be specified for UPNP_TYPE for a public interface.

s077296: Upnptype of Lan can only be specified for a Private Interface

An attempt was made to specify UPNP_TYPE=WAN for a private interface. LAN must be specified for UPNP_TYPE for a private interface.

s077297: Only one policy is allowed to use UPnP

Only one firewall policy can be configured for UPnP.

s077298: Maxupnpportmaps value is already <number>

The MAXUPNP_PORTMAPS parameter has previously been set to the specified value. The value has not been altered.

s077299: UPnP is already on for this policy

UPnP has previously been enabled on this firewall policy.

s077300: UPnP is already off for this policy

UPnP has previously been disabled on this firewall policy.

s077301: Exceeded the limit of WAN interfaces added to UPnP

An attempt was made to add a second WAN interface for UPnP. A maximum of one interface can be configured as a WAN interface for UPnP.

s077302: Exceeded the limit of LAN interfaces added to UPnP

An attempt was made to add more than 64 LAN interfaces for UPnP. A maximum of 64 interfaces can be configured as LAN interfaces for UPnP.

s077303: Failed in adding interface in UPnP

An interface was not successfully added for UPnP.

s077304: Failed in deleting interface in UPnP

An interface was not successfully deleted for UPnP.

s077305: The interface has been added to UPnP already

This interface has previously been configured as an interface for UPnP.

s077306: The interface is not added in UPnP

An interface was not successfully added for UPnP.

s077307: DNS was not configured, SMTP proxy is not fully functional

The SMTP proxy is not fully functional because DNS has not yet been configured.

s077308: The attached interface <interface> does not exist

The IP interface specified as a firewall policy interface does not exist. Create the interface and re-enter the command, or re-enter the command with a valid IP interface.

s079256–s079999: Transaction Packet Assembler Disassembler (TPAD)**s079256: Parameter <string> must be specified**

The listed parameter(s) must be specified in the command.

s079257: The specified TPAD instance already exists

The specified TPAD instance is already configured in the router.

s079258: The specified Async port is in use by other TPAD instance or other module

The asynchronous port specified cannot be used because its being used by another TPAD instance or another module.

s079259: Failed to attach the Async port to TPAD (TPAD/Int. maybe DISABLED)

An internal error occurred adding or attaching the specified asynchronous port to TPAD.

s079260: TCPPORT must be specified if SOURCE is TCP or ALL

When the transaction type is TCP or ALL, TCPPORT parameter must be specified.

s079261: MAXTRANSFERS must be between MAXCONNECTIONS value (<number>) and 64.

The maximum number of transfers must be greater than the maximum number of connections.

s079262: The specified TPAD instance does not exist

The specified TPAD instance is already configured in the router.

s079263: The specified TCP port is in use by other TPAD instance

The specified TCP port may not be used because it is in use by another TPAD instance.

s079264: Failed to delete and detach the Async port from TPAD

The specified TCP port may not be used because it is in use by another TPAD instance.

s079265: Failed to destroy TPAD instance

The specified TCP port may not be used because it is in use by another TPAD instance.

s079266: Invalid parameter combination

An invalid parameter combination is specified. Refer to the Software Reference for the correct command syntax.

s079267: TCPSPORT must not be specified for ASYNC source only TPAD

The TCPSPORT parameter may only be specified if the TPAD instance is of type TCP or ALL.

s079268: Lower layer interface specified is being used by other TPAD instance

The lower layer interface specified is being used by other TPAD instance.

s079269: Lower layer interface specified does not exist

The lower layer interface specified does not exist.

s079270: The specified ASYNC port does not exist

The specified asynchronous port does not exist.

s079271: Already doing trace debugging on this device

Trace debugging is already enabled on the specified device. The command is redundant and is ignored.

s079272: Already doing trace debugging on another device

Trace debugging is already enabled on another device. Trace debugging can only be enabled from a single device at a time.

079273: The isdn call <string> was not found

The Isdn call was not found under call control.

079274: The Parameter <string> needs the ISDNCALL parameter to function

The Isdn call was not found under call control.

s081256–s081999: IP Security (IPsec)**s081256: Mutually exclusive parameters on same line - <string> and <string>**

In parsing a command, two mutually exclusive parameters were seen. Re-enter the command with only one of these parameters.

s081257: Invalid Key or Key not found

The specified key file was not found in flash memory or does not match the specified key type. Check the spelling of the key file name and that the key is of the correct type.

s081258: Invalid encryption key specified

The specified key and encryption algorithm for the SA specification do not match. Make sure that the specified key is the correct type for the specified encryption algorithm.

s081259: Encryption algorithm is invalid or no licence exists

The specified encryption algorithm is not valid or the feature licence required for that algorithm is not present on this router. Check that the correct command syntax was used and that the spelling is correct. If a feature licence is required it must be enabled with the ENABLE FEATURE command.

s081260: Hash algorithm is invalid or no licence exists

The specified hash algorithm is not valid or the feature licence required for that algorithm is not present on this router. Check that the correct command syntax was used and that the spelling is correct. If a feature licence is required it must be enabled with the ENABLE FEATURE command.

s081261: The specified policy name already exists

An attempt was made to create a policy but a policy with that name already exists in the Security Policy Database (SPD). Policy names must be unique. Re-enter the command with a different policy name.

s081262: The specified policy does not exist

An attempt was made to use, modify or delete a policy but a policy with that name does not exist in the Security Policy Database (SPD). Check the spelling of the policy name and re-enter the command with the name of an existing policy.

s081263: A sa specification with given id already exists

An attempt was made to create an SA specification but an SA specification with that identification number already exists in the Security Policy Database (SPD). SA specification identification numbers must be unique. Re-enter the command with a different SA specification identification number.

s081264: The specified SA specification does not exist

An attempt was made to use, modify or delete an SA specification but an SA specification with that identification number does not exist in the Security Policy Database (SPD). Re-enter the command with the identification number of an existing SA specification.

s081265: A bundle specification with given id already exists

An attempt was made to create a bundle specification but a bundle specification with that identification number already exists in the Security Policy Database (SPD). Bundle identification numbers must be unique. Re-enter the command with a different bundle identification number.

s081266: The specified bundle specification does not exist

An attempt was made to use, modify or delete a bundle specification but a bundle specification with that identification number does not exist in the Security Policy Database (SPD). Re-enter the command with the identification number of an existing bundle specification.

s081267: Parameter not seen. <string> must precede <string>

Another parameter must appear in the command before the specified parameter. Re-enter the command with the correct combination of parameters.

s081268: Both encalg and hashalg cannot be NULL

When creating an SA specification for IPSEC protocol ESP, either an encryption algorithm or a hash algorithm must be specified. The encryption algorithm and hash algorithm cannot both be set to NULL. Re-enter the command with one or both encryption and hash algorithms.

s081260: Hashalg cannot be NULL

When creating an SA specification for IPSEC protocol AH, the hash algorithm must be specified and cannot be set to NULL. Re-enter the command with a hash algorithm.

s081270: The entered bundle string is invalid

The specified bundle string contains invalid characters or the format is incorrect. Re-enter the command with a valid bundle string.

s081271: Can't delete the policy, active SA bundles attached

The policy could not be deleted because active SA bundles are attached. Delete the SA bundles first, then delete the policy.

s081272: The specified SA bundle does not exist

The specified SA bundle is not attached to the specified policy. Re-enter the command with an SA bundle that is attached to the policy.

s081273: The specified bundle specification is not valid

The specified bundle specification for the policy does not match the key management method.

s081274: Invalid hash key specified

The hash key specified for the IPSEC AH protocol is invalid because either the key type is incorrect or the key length is invalid. Re-enter the command with a valid key for the specified hash algorithm.

s081275: The old SA config has been converted to IPSEC. A new boot config script must be created and peer address for each IPSEC policy has to be set before activating the new config script

The old SA configuration has been converted to IPsec. Before this new configuration becomes active, a new boot script must be created, the IP address of the peer for each policy must be assigned manually, and the router rebooted.

s081276: The encryption algorithm used by SA is invalid for IPSEC, valid algorithms are DES and 3DESINNER

An attempt was made to convert the old SA configuration to IPsec, but the old SA configuration used an encryption algorithm that is not supported by IPsec. IPsec only supports DES, 3DES2KEY and 3DESINNER encryption algorithms. Modify the old SA configuration to use one of these encryption algorithms and then repeat the conversion process.

s081277: active SA bundles exists, destroy them before activating this command

Active SA bundles exist. Destroy the active SA bundles and re-enter the command.

s081278: IPSEC module is not enabled

IPsec must be enabled before converting old SA configurations to IPsec. Enable IPsec using the ENABLE IPSEC command, then convert the old SA configurations.

s081279: IP address and netmask inconsistent

The specified IP address and network mask do not match. The IP address ANDed with the network mask must produce the IP address. An IP address of 202.36.163.0 with network mask 255.255.255.0 is valid, but an IP address of 202.36.163.5 with a network mask of 255.255.255.0 is not valid because 202.36.163.5 ANDed with 255.255.255.0 produces 202.26.163.0, not 202.36.163.5.

s081280: The entered bundle string contains invalid characters

The specified bundle string contains invalid characters. For manual key management, only decimal numbers and the "AND" operator are allowed. For ISAKMP key management, decimal numbers, the "AND" and "OR" operators, and commas (",") are allowed.

s081281: Invalid bundle string, SA specification(s) cannot be found

Some SA specifications in the bundle string do not exist in the Security Policy Database (SPD). Re-enter the command with existing SA specifications.

s081282: Invalid sa spec specified, the key management does not match the bundle specification

Some SA specifications in the bundle string do not have the same key management mechanism as that specified for the bundle.

s081283: Invalid bundle string, ESP or AH seen before IPCOMP

An ESP or AH SA specification appears before an IPCOMP SA specification in the bundle string. When creating bundle specifications, IPCOMP must be specified before ESP and AH. Data should be compressed before it is encrypted.

s081284: Invalid bundle string, SA specifications with same ipsec protocol seen twice

The bundle string contains two or more SA specifications with the same IPsec protocol. When creating bundle specifications for manual key management, each IPsec protocol (IPCOMP, ESP and AH) may appear only once.

s081285: Invalid bundle string, same ipsec protocol seen twice in one proposal

The bundle string contains two or more SA specifications with the same IPsec protocol in the same proposal. When creating bundle specifications for ISAKMP key management, SA specifications with the same IPsec protocol may not appear twice (with the "AND" operator) in the same proposal.

s081286: Number of proposals exceeds the allowed limit, max allowed is <number>

The specified bundle string generated too many ISAKMP proposals. The maximum number of ISAKMP proposals is 8.

s081287: Invalid bundle string, operator OR contains SA specs with different ipsec protocols

The bundle string contains SA specifications with different IPsec protocols joined by the "OR" operator. The "OR" operator is used to specify alternative transforms and all SA specifications must belong to the same IPsec protocol.

s081288: Invalid bundle string, operator OR contains same SA specification

The bundle string contains two SA specifications joined by the "OR" operator. The "OR" operator is used to specify alternative transforms and the two SA specifications must be different.

s081289: Policy name required

The command requires an IPsec policy to be specified by name.

s081290: Policy Added, Failing to create SA setup information

When an IPsec policy is created with manual key management and an action of IPSEC, IPsec must create the required SA bundles ready for use. IPsec could not generate the setup information required to create the SAs. The most likely cause is that a bundle specification or SA specification referenced in the policy does not exist. Delete the policy using the DELETE IPSEC POLICY command, make sure the necessary bundle and SA specifications exist, then re-create the policy.

s081291: Policy Added, Failing to setup SA's required

When an IPsec policy is created with manual key management and an action of IPSEC, IPsec must create the required SA bundles ready for use. IPsec could not create the SAs. The most likely cause is the ENCO module could not supply the required resources. The policy may use an encryption algorithm that is only supported in hardware but there is no hardware encryption resource installed in the router, or the policy uses IPCOMP but the required history channels have not been reserved using the SET ENCO SW command in the boot script, or one or more required feature licences do not exist. Delete the policy using the DELETE IPSEC POLICY command, make sure the necessary resources are available, then re-create the policy.

s081292: The specified old SA could not be found

An attempt was made to convert an old SA configuration to the equivalent IPsec configuration, but the old SA could not be found in the old SA database.

s081293: The specified peer address is invalid

The specified address for the remote SA peer is not valid. Re-enter the command with a valid address.

s081294: The specified SA could not be found

The specified IPsec SA does not exist in the Security Policy Database (SPD). Re-enter the command with an existing SA specification.

s081295: The specified policy is being destroyed

The specified policy is currently invalid because it is in the process of being destroyed, therefore information about the policy cannot be accessed.

s081296: No valid IPSEC feature licence exists

A valid feature licence to enable IPSEC does not exist on this router. Enable the feature licence using the ENABLE FEATURE command.

s081297: Encryption algorithm invalid or no feature licence exists

A valid feature licence for DES encryption is not present on this router. Enable the feature licence using the ENABLE FEATURE command.

s081298: Expiry parameters cannot be set for manual SA bundles

An attempt was made to create a bundle specification with manual key management and expiry parameters. Expiry parameters cannot be set on bundle specifications with manual key management.

s081299: Policy Added, Failing to attach to IP module

An IPsec policy was created, but could not be attached to an IP interface. The most likely cause is that the required IP interface has been destroyed. Delete the policy using the DELETE IPSEC POLICY command, make sure the necessary IP interfaces exist, then re-create the policy.

s081300: Failing to attach to IP module

One or more IPsec policies could not be attached to an IP interface when IPsec was enabled. Delete the policies using the DELETE IPSEC POLICY command, make sure the necessary IP interfaces exist, then re-create the policies.

s081301: Error creating the policy, max limit exceeded

The IPsec policy could not be created because the number of interfaces on the router with IPsec enabled would have exceeded the current limit (128).

s081302: The specified UDP port already in use

The UDPPORT parameter has been set and the port is already in use.

s081303: Specified source interface is a PPP dynamic IP address

When a source interface for an IPsec tunnel is specified, it must have a static IP address, but the specified PPP interface is configured to have a dynamically assigned IP address. Assign the PPP interface a static IP address or use a different PPP interface.

s081304: IP version is neither IPv4 nor IPv6

The value specified for the VERSION parameter was not valid. VERSION must be either 4 (for IPv4 traffic) or 6 (for IPv6 traffic).

s081305: Inconsistency between IP versions

The command included IP addresses that were not consistent with the IP protocol version set for the IPsec policy. For example, the policy was created with VERSION set to 4 (IPv4) but an IPv6 format address was specified.

s081306: Maximum number of types exceeded, try a range of types

An attempt was made to add more than the maximum allowed number of items to the policy's ICMPTYPE parameter. The ICMPTYPE parameter also accepts ranges, so try incorporating two or more items into a range.

s081307: Invalid parameter with current IPVERSION setting

The command included parameters that were not consistent with the IP protocol version set for the IPsec policy. For example, the policy was created with VERSION set to 4 (IPv4) but an IPv6-specific parameter was specified.

s081308: Invalid PREFIX value

An attempt was made to attach an invalid prefix value to an IPv6 address. The valid range is 0-128.

s081309: Parameter not supported with IPv6

This parameter is not currently supported with this IPv6 implementation of IPsec.

s081310: <string> is not supported by version 1 ECMAC card

3DES outer is not supported on this ECMAC card.

s082256–s082999: ISAKMP/IKE

s082259 Mutually exclusive parameters on same line - <string> and <string>

In parsing a command, two mutually exclusive parameters were seen. Re-enter the command with only one of these parameters.

s082260: No valid ISAKMP feature licence exist

An attempt was made to configure ISAKMP but there is no ISAKMP feature licence for ISAKMP on this router. ISAKMP does not operate without a valid ISAKMP feature license. Obtain an ISAKMP feature licence and enable it with the ENABLE FEATURE command.

s082261: Encryption algorithm invalid or no feature licence exist

The specified encryption algorithm is not valid or the feature licence required for that algorithm is not present on this router. Check that the correct command syntax was used and that the spelling is correct. If a feature licence is required, it must be enabled with the ENABLE FEATURE command.

s082262: Invalid AUTHTYPE specified for hybrid XAUTH

Either the specified encryption algorithm is not valid or a feature licence is required for that algorithm and is not present.

s082263: XAUTH client passwd and username required

The XAUTHNAME and XAUTHPASSWORD parameters are required when acting as an XAUTH client.

s082264: The specified shared key is not valid

The specified pre-shared key must be an ENCO key of type GENERAL. Re-enter the command with a valid key.

s082265: The specified UDP port already in use

The specified UDP port is already in use by another application. Re-enter the command with a different UDP port.

s082266: Invalid file name "<string>"

The specified filename is not valid. Re-enter the command with a valid filename.

s082267: Invalid DN "<string>" on parameter <string>

The specified distinguished name is not valid. Re-enter the command with a valid distinguished name.

s082268: Inconsistency between IP versions

The command included IP addresses that were not consistent with the IP protocol version set for the ISAKMP policy. For example, the policy was created with VERSION set to 4 (IPv4) but an IPv6 format address was specified.

s082269: IP version is invalid

The command included parameters that were not consistent with the IP protocol version set for the ISAKMP policy. For example, the policy was created with VERSION set to 4 (IPv4) but an IPv6-specific parameter was specified.

s083256–s083999: Finger

s083256: <string> is currently active

An attempt was made to initiate a finger session while another finger session was already active. No further sessions can be started until this finger sessions has completed.

s083257: The destination is either un-specified or invalid

The destination address specified was not valid. Re-enter the command with either an IP address in dotted decimal notation or a host name from the host name table. Hosts can be added to the host name table with the ADD IP HOST command.

s083258: <string> module is not active

The specified module has not been enabled. This command cannot be completed until the module is activated.

s083259: Host missing from the destination address

The FINGER command specified only a username and no destination host. Re-enter the command with a valid username and host (user@host).

s083260: Too many hosts in the destination address

The FINGER command was entered with too many hosts in the destination address. Re-enter the command with a maximum of five hosts in the destination address.

s083261: Multiple destination addresses

The FINGER command was entered with more than one destination address. Re-enter the command with only one destination address.

s084256–s084999: HTTP

s084256: Invalid file name "<string>"

The file name entered was invalid. File names must have <name>.<typ> as the final substring, where <name> is up to 8 characters long, and <typ> is up to three characters long.

s084257: File not found "<string>"

The file was not found. Check the spelling and re-enter the command.

s084258: <string> already disabled

The object is already disabled.

s084259: <string> already enabled

The object is already enabled.

s084260: <string> debugging already enabled on device <number>

Debugging has already been enabled.

s084261: <string> module is not enabled

The module has not been enabled. Enable the module and re-enter the command.

s084262: Server port in use by another module

Another module is using the HTTP server port so HTTP cannot use it. Use the SHOW TCP command to see the current state of TCP sessions.

s084263: Unable to open TCP port for server

A TCP listen port could not be opened for use by the HTTP server. Use the SHOW TCP command to see the current state of TCP sessions.

s084264: Parameter SSLKEY must hold an identification number that refers to a valid private key

SSLKEY must refer to a valid private key.

s084265: SSL feature licence required to enable security

The SSL Feature licence is required to set the parameter "security" to on.

s088256–s088999: Virtual Router Redundancy Protocol (VRRP)**s088256: No virtual routers found**

No virtual routers were found to display.

s088257: IP address not added

The IP address was not added because the number of secondary IP addresses is already at the maximum, the IP address is already in the list, or there was no memory available.

s088258: IP address not found

The IP address was not deleted because it was not found.

s088259: Unacceptable IP address <ipadd>

The IP address could not be matched with another IP address with the same network prefix, or it was invalid.

s088260: Changing priority of preferred master router not permitted

The router owns the IP address associated with the specified VR making it the preferred master of the VR and giving it the priority 255. It is not permitted to change the priority of this router.

s088261: VRRP has already been enabled

A command was issued to enable VRRP on the router but VRRP has already been enabled.

s088262: VRRP has already been disabled

A command was issued to disable VRRP on the router but VRRP has already been disabled.

s088263: Cannot disable VRRP while virtual router(s) still exist

A command was issued to disable VRRP on the router but there are still one or more virtual routers configured.

s088264: The VRRP module is not enabled

A command was issued to create a virtual router but VRRP has not been enabled on the router.

s088265: Cannot enable a VR while VRRP is disabled

A command was issued to enable a virtual router but VRRP has not been enabled on the router.

s088266: Interface could not be deleted from VR <number>

The interface was unable to be deleted from the Virtual Router.

s088267: Interface is already monitored by VR <number>

The interface is already being monitored by this Virtual Router.

s088268: Interface does not exist in VR <number>

The attempt to delete this monitored interface will not be successful, as it does not exist.

**s088269: Maximum number of interfaces, <number>, has been reached
cannot add**

The maximum allowable number of interfaces has been reached; you cannot add any more.

s088270: VR <number> is already enabled

A command was issued to enable a virtual router that is already enabled.

s088271: VR <number> is already disabled

A command was issued to disable a virtual router that is already disabled.

s088272: Port monitor is already on

An attempt was made to enable port monitoring on a port where monitoring is already enabled.

s088273: Port monitor is already off

An attempt was made to disable port monitoring on a port where monitoring is already disabled.

**s088274: IP address adoption breaks RFC compliance. Note warnings in
documentation**

A command was issued to enable VR IP address adoption. This is in contravention of RFC 2338. Users should note all the warnings in [“Adopting the VRRP IP Address” on page 47-6 of Chapter 47, Virtual Router Redundancy Protocol \(VRRP\)](#).

s089256–s089999: VLANs**s089256: Parameter <string>, too long**

The parameter entered was too long. Re-enter the parameter with a shorter value.

s089257: Parameter <string>, value too high; maximum is <number>

The value of the parameter entered was more than the maximum value. Re-enter the parameter with a smaller value.

s089258: Parameter <string>, value too low; minimum is <number>

The value of the parameter entered was less than the minimum value. Re-enter the parameter with a larger value.

**s089259: The name of a VLAN must have at least one non-numeric
character**

The VLAN parameter must contain at least one non-numeric character. Re-enter the command with a non-numeric character.

s089260: Port <port> does not exist; minimum port is <port>

The specified port number is too low. Re-enter the command with a higher port number.

s089261: A VLAN already exists with either the name or VID

The VLAN specified already exists. Re-enter the command with a different VLAN.

s089262: The VLAN specified does not exist

The VLAN specified does not exist. Re-enter the command with a different VLAN specified.

s089263: A new VLAN could not be created

A new VLAN could not be created due to an internal error.

s089264: There are no user defined VLANs to be destroyed

No VLANs were destroyed because there are no user defined VLANs to destroy.

s089265: Cannot <string> the default VLAN

An attempt was made to modify or destroy the default VLAN. This is not allowed.

s089266: Cannot destroy the <string> VLAN, there are users attached

An attempt was made to destroy a VLAN with users attached. Remove the higher layer interfaces and re-enter the command.

s089267: Cannot destroy the <string> VLAN, it contains <string> ports

A VLAN must not contain any ports if it is to be destroyed. Delete all the ports from the VLAN and re-enter the command.

s089268: Port <port> already belongs to the VLAN specified

The port cannot be added to the VLAN specified. Re-enter the command with a different port or VLAN.

s089269: Port <port> does not belong to the VLAN specified

The port is not a member of the VLAN specified. Re-enter the command with a different port or VLAN.

s089270: Creating the VLAN would exceed the maximum number of VLANs

The maximum number of VLANs has been reached.

s089271: Port <port> would belong to two STPs after addition

The result of the command would have a port in two STPs; this is not allowed. Re-enter the command with a different port.

s089272: Port <port> does not exist; maximum port is <port>

The specified port number is too high. Re-enter the command with a lower port number.

s089273: Cannot create a VLAN with the name <string>

The VLAN parameter specified an illegal name. This name is not allowed. Re-enter the command with a different name.

s089274: Cannot specify all VLANs for this command

The command cannot be used on all VLANs. Re-enter the command with a single VLAN.

s089275: Port <port> is already an untagged port for another VLAN

The port cannot be added to the VLAN specified as an untagged port. Delete the untagged port from its present VLAN or specify another VLAN, and re-enter the command.

s089276: Port <port> would not belong to a static VLAN after deletion

A port must belong to a VLAN either as an untagged port or a tagged port. Add the port to another VLAN or re-enter the command with a different port.

s089277: The VLAN has no <string>

The command performed no action as the VLAN has no ports, or no ports of the specified type.

s089278: Port <port> does not belong to the VLAN as a tagged port

The port must belong to the VLAN as a tagged port. Re-enter the command with a different port or VLAN.

s089279: Port <port> does not belong to the VLAN as an untagged port

The port must belong to the VLAN as an untagged port. Re-enter the command with a different port or VLAN.

s089280: Port <port> has not been installed

The port specified has not been installed. Re-enter the command with a different port number.

s089281: The number <number> appearing in "<string>" must match the VID

If the name of the VLAN begins with "vlan" and ends with a number, that number must be the same as the VID specified. Re-enter the command with a different VLAN name or VID.

s089282: Must specify all or none of the ports in trunk group <string>

One of the ports specified belongs to a trunk group. All ports in a trunk group must have the same VLAN configuration, so all ports in the trunk group must be specified on the command line. Re-enter the command with a different port or all ports in the trunk group.

s089283: Port <port> is the mirror port for the switch

The mirror port for the switch cannot be added to any VLAN. Re-enter the command with a different port number.

s089284: Cannot destroy GARP VLANs; enter RESET GARP command to do so

A dynamically created VLAN was specified; these VLANs cannot be destroyed using VLAN commands. Reset GARP to remove dynamically created VLANs.

s089285: Cannot create a VLAN with a name beginning with <string>

An attempt was made to create a VLAN with a name that could be used by GARP. Re-enter the command and specify a different VLAN name.

s089286: Cannot modify dynamically created VLANs

A dynamically created VLAN was specified in the command. The user cannot modify the VLAN or ports in the VLAN. Re-enter the command and specify a different VLAN.

s089287: Cannot add a routable protocol to a Vlanrelay

A Protocol was specified in the command that is unable to be added to a VLAN relay because the protocol is routable.

s089288: The VLAN is not in the specified VlanRelay

The VLAN specified has not previously been added to the specified VLAN relay.

s089289: A new VLANRELAY could not be created

The VLAN relay specified was not created.

s089290: A VLANRELAY already exists with that name

The VLAN relay specified already exists.

s089291: The VLANRELAY specified does not exist

The VLAN relay specified does not exist.

s089292: The specified Protocol successfully added to VLANRELAY

The protocol was added to the specified VLAN relay entity.

s089293: The specified VLAN successfully added to VLANRELAY

The VLAN was added to the specified VLAN relay entity.

s089294: The specified Protocol was not added to VLANRELAY

The protocol was not added to the specified VLAN relay entity.

s089295: The specified Vlan was not added to VLANRELAY

The VLAN was not added to the specified VLAN relay entity.

s089296: The Vlan <string> (<number>) is already in VLANRELAY <string>

The VLAN has already been added to the specified VLAN relay entity.

s089297: The Protocol specified is already in VLANRELAY <string>

The protocol has already been added to the specified VLAN relay entity.

s089298: The Protocol specified was not deleted

The specified PROTOCOL was not deleted from the VLAN relay.

s089299: The PROTOCOL is not in the specified VlanRelay

The protocol specified has not previously been added to the specified VLAN relay.

s089300: The VLANRELAY has not been destroyed

The VLAN relay specified was not successfully destroyed.

s089301: There are no VLANRELAYs to display

There are no VLAN relays in the collection.

s089302: The VLAN specified was not deleted

The specified VLAN was not deleted from the VLAN relay.

s089303: Parameter <string>, too long. Maximum length is 15 characters

The specified VLAN relay cannot be longer than 15 characters.

s089304: Limit of 15 protocols reached, PROTOCOL not added to VLANRELAY

Only 15 protocols can be added to a VLAN relay at any one time.

s089305: Protocol <string> is not a valid protocol

The specified protocol cannot be used in this format.

s089306: Invalid type of VLAN, should specify TYPE=<string>

The TYPE parameter specified an invalid type of VLAN for the following parameters on the command line. Re-enter the command with the correct type of VLAN, or specify different parameters following the TYPE parameter.

s089307: The <string> parameter requires a <string> number

The wrong number of bytes was specified for the parameter. Re-enter the command with the correct number of bytes for the parameter.

s089308: VLAN parameter must specify ALL or no value if TYPE entered

When the TYPE parameter is entered with the VLAN parameter, the VLAN parameter must be specified with no value or the value ALL. Re-enter the command with VLAN=ALL or VLAN (with no value).

s089309: <string> parameter must be greater than <string> parameter

The two specified parameters were entered with values that were not consistent. The first parameter must have a greater value than the second parameter.

s089310: IP subnet specified by <string> and <string> parameters is not valid

The IP subnet specified is not valid, for example the subnet specifies the IP broadcast address. Re-enter the command with a valid IP subnet.

s089311: <string> parameter does not match type of VLAN specified

The type of VLAN specified is inconsistent with parameters seen on the command line. For example, if an IP subnet-based VLAN does not have MAC address rules, then ADDRESS cannot be specified if an IP subnet-based VLAN is specified. Re-enter the command with an appropriate VLAN, or the correct parameters for the type of VLAN.

s089312: <string>=<string> rule already belongs to VLAN=<string>

The VLAN classification rule specified already belongs to the VLAN specified. Re-enter the command with a rule that does not yet belong to the VLAN or specify a different VLAN.

s089313: <string>=<string> rule does not belong to VLAN

The VLAN classification rule specified does not belong to the VLAN specified. Re-enter the command with a rule that does belong to the VLAN or specify a different VLAN.

s089314: Cannot delete the <string>=<string> rule; ports are still associated to it

An attempt was made to delete a VLAN classification rule that is currently associated with ports in the VLAN. Disassociate ports from the VLAN classification rule and re-enter the command, or specify a different VLAN classification rule.

s089315: Cannot specify <string> parameter if <string>=<string> is specified

An invalid combination of parameters was entered. Re-enter the command with the correct combination of parameters.

s089316: IP subnet specified overlaps with <string> subnet belonging to VLAN=<string>

The IP subnet specified is incompatible with an existing IP subnet rule belonging to the specified VLAN. Re-enter the command with a different IP subnet.

s089317: VLAN does not have any <string> rules belonging to it

The VLAN specified does not have any VLAN classification rules of the correct type. Add a valid VLAN classification rule and re-enter the command.

s089318: Port <port> is already associated with <string> rule

The port specified has already been associated with the specified VLAN classification rule. Re-enter the command with a different port or a different VLAN classification rule.

s089319: Port <port> is not associated with <string> rule

The port specified has not been associated with the specified VLAN classification rule. Re-enter the command with a different port or a different VLAN classification rule.

s089320: Must specify <string> parameter if <string>=<string> is specified

A combination of parameters must be entered. Re-enter the command with the missing parameter, or specify a different value on the initial parameter.

s089321: Cannot specify <string>=<string> if <string>=<string> is specified

An invalid combination of parameters and parameter values was entered. Re-enter the command with a different set of parameter values or parameters.

s089322: Port <port> is associated with Port VLAN class. rule for VLAN=<string>

An attempt was made to associate a port with the Port VLAN classification rule of a VLAN when the port is already associated with the Port VLAN classification rule of a different VLAN (and this VLAN is not the default VLAN). Re-enter the command with a different port, or disassociate the port from the Port VLAN classification rule for the other VLAN.

s089323: Port <port> must be associated with a Port VLAN class. rule first

A port that is not tagged for any VLAN must be associated with the Port VLAN classification rule first. An untagged port is always associated with the Port VLAN classification rule. Re-enter the command with a different port or the Port VLAN classification rule.

s089324: VLAN <string> still contains added VLAN classification rules

The requested operation cannot be performed on VLANs that still contain VLAN classification rules other than the Port VLAN classification rule. Delete the previously added rules from the VLAN or specify a different VLAN.

s089325: Multicast or broadcast MAC addresses are not allowed

A multicast or broadcast MAC address was entered. Re-enter the command with a unicast MAC address.

s089326: Port <port> is already associated with <string> rule for VLAN <string>

The port specified has already been associated with the specified VLAN classification rule for another VLAN. Re-enter the command with a different port or a different VLAN classification rule.

s089327: A port may be a member of only one VLAN

The port specified has already been associated with another non-default VLAN. Delete this port from the other non-default VLAN and re-enter the command.

s089329: Broadcast storm control counters have been used up

The switch provides only 64 Broadcast storm control (BCSC) counters to count broadcast packets or multicast packets at one time. All 64 BCSC counters have already been assigned to VLANs, so no more BCSC counters can be applied to further VLANs.

s089330: No multicast group in specified VLAN

A multicast group was not found in the specified VLAN, therefore BCSC will not be applied to the specified VLAN.

s089331: No broadcast group in specified VLAN

A broadcast group was not found in the specified VLAN, therefore BCSC will not be applied to the specified VLAN.

**s089332: <string> storm control limit has not been set up on VLAN
<string>**

If the message is an error message on a SET command a problem has occurred during the setting of the limit. The problem could be that the switch has run out of memory or a hardware write fault has occurred. If the message is an error message on an ENABLE command the limit must be set to a valid number before the feature can be enabled. If the message is an information message then no limit has been set and the feature cannot be in the enabled state.

s089333: Internal error: <string>

An internal error has occurred inside the VLAN module. Contact your authorised distributor or reseller.

s089334: Port <port> must only be associated with Port VCR of VLAN

The port specified must only be associated with the Port VLAN classification rule of the VLAN. The port cannot be associated with any other rule for the VLAN. Re-enter the command with a different port or VLAN, or change the port to be associated only with the Port VLAN classification rule of the VLAN.

s089335: Port <port> must belong untagged to only one VLAN

The port specified cannot be associated with the VLAN classification rules of any other VLAN. Re-enter the command with a different port or VLAN, or change the port to be associated only with one VLAN.

s089336: Port <port> will not be associated with Port VLAN class. rule

An untagged port must be associated with a Port VLAN classification rule at all times, unless the port is set to be only a tagged port. Re-enter the command with a different port.

s089337: Port <port> is tagged for the default VLAN

The specified port cannot be implicitly added to the default VLAN as an untagged port. Re-enter the command with a different port.

s089338: The range <macadd> to <macadd> is too large

The specified address range is too large. Re-enter the command with an address range not larger than 1024 MAC addresses.

s089339: Port <port> must belong to the default VLAN

The specified port can only be a member of one VLAN at a time, and is already a member of a VLAN other than the default VLAN. Delete the port from its current VLAN and re-enter the command.

s089340: Port <port> was dynamically added; cannot modify such ports

The specified port was added to the VLAN dynamically by a protocol (for example GARP) and cannot be modified or deleted.

s089341: The VLAN has no untagged ports

The command entered only affects untagged ports, but the specified VLAN does not have untagged ports.

s089342: VLAN <string> cannot be destroyed, used by classifier <number>
The specified VLAN cannot be destroyed because it is currently in use by the specified classifier. Remove the VALN from the classifier and re-enter the command.

s089343: <string> is already <string>
The specified feature was already disabled or enabled prior to the command executing.

s089344: Use DELETE VLAN PORT command to add port <port> to the default VLAN

The specified port can only belong to one VLAN at a time, and currently belongs to a VLAN other than the default VLAN. To return the port to the default VLAN, delete the port from its current VLAN, using the DELETE VLAN PORT command, which automatically moves deleted ports to the default VLAN. To move the port from its current VLAN to another VLAN (other an the default VLAN), first delete the port from its current VLAN, then add it to the new VLAN.

s089345: VID <number> is reserved for system use
The specified VID is reserved for system use.

s089346: TAGGED ports not allowed for Protected VLAN
The specified tagged ports cannot be part of a protected VLAN.

s089347: A VLAN cannot attach to the Bridge if it has more than one virtual port
A VLAN can attach to the Bridge only if the Bridge has 0 or 1 virtual port configured.

s089348: VLAN <number> is attached to the Bridge - no more VLANs can be added
The VLAN cannot attach to the Bridge because it already has a VLAN attached.

s089349: VLAN <number> is not attached to the bridge
The VLAN cannot detach as it is has not been previously attached.

s089350: VLAN <number> is already attached to the Bridge
The VLAN cannot attach to the Bridge because it is already attached.

s089351: Cannot assign multiple VLAN's to a port configured as an authenticator PA
Check if the port is currently already enabled as an 802.1x port authentication port.

s089352: Cannot add port of specified frame type to VLAN
The port of the specified frame type cannot be added to the VLAN.

s089353: VLAN <number> has not been created PRIVATE
The **uplink** and **group** parameters apply only to Private VLANs.

s089354: Port <number> is already an UPLINK port
A port may not be both an Uplink and Group port, even for different VLANs.

s089355: Existing Group has a different port assignment
This grouping of ports differs from the grouping of ports that exists for some other Private VLAN. Ports must be grouped in the same way for all Private VLANs.

s089356: Could not create Group, no more free Group numbers

A limited number of Groups may be created. That limit has been reached.

s089357: Trunk not yet created for Uplink ports

Where an Uplink is made up of more than one port then all of these ports must be trunked.

s089358: Port <number> is already a GROUP port

A port may not be both an Uplink and Group port, even for different VLANs.

s089359: VLAN <number> already has an Uplink, more than one Uplink is not permitted

A Private VLAN can only have one Uplink. If more than one Uplink port is required, these ports must be trunked and added to the VLAN as a single Uplink.

s089360: Existing Uplink has different port assignment

This grouping of ports differs from the grouping of ports that exists for some other Private VLAN. Ports must be grouped in the same way for all Private VLANs.

s089361: Could not create Uplink, no more free Uplink numbers

A limited number of Uplinks may be created. That limit has been reached.

s089362: Port <number> is a member of non-private VLAN<number>

Ports cannot be members of both a private and non-private VLAN.

s089363: Private VLAN Group and Uplink ports may not be trunked together

Ports in a single private VLAN Group or Uplink may be trunked, but not a mixture of the two.

s089364: Private VLANs not supported on this hardware platform

Not all hardware platforms support private VLANs, please consult the product documentation or contact your authorised distributor or reseller.

s089364: Private VLAN GROUP and UPLINK ports must be on the same Switch Instances

The Private VLAN Group and Uplink ports must be on the same switch instance.

s089366: Private VLAN Uplink ports must be added before Group ports

An Uplink ports must exist for this VLAN before a Group ports can be added.

s089367: Private VLAN Group ports must be deleted before Uplink ports

Uplink ports must be deleted from this VLAN before Group ports are deleted. Private Port VLAN rules state that Uplink ports must be added before Group ports are added.

s089368: Port <number> is a member of private VLAN<number>

Ports may not be members of both a private and non-private VLAN.

s089369: Ports being deleted do not match the Vlan specified

The ports being deleted do not match the Vlan specified.

s089370: All group ports must be deleted before uplink ports

Group ports must be deleted before Uplink ports are deleted.

s089371: Must first return the port(s) to the default VLAN as untagged

If a port is to be added to the private VLAN and is in the tagged port map for any non-private VLAN, then this port should be returned to the default VLAN untagged port map before attempting to add it to the private VLAN.

s089372: Cannot add 10GE port <<number>.<number>> to a VLAN that is in a firewall policy

A 10 Gigabit Ethernet port cannot be added to a VLAN that is in a Firewall policy because this would place an extremely high load on the CPU. To add a 10 Gigabit Ethernet port to a VLAN remove the VLAN from the Firewall policy.

s089373: Cannot implicitly add 10GE port <<number>.<number>> to the default VLAN (it is in a firewall policy)

A 10 Gigabit Ethernet port cannot be implicitly added to the default VLAN because the default VLAN is in a Firewall policy. To implicitly add a 10 Gigabit Ethernet port to the default VLAN remove the default VLAN from a Firewall policy.

s089374: VLAN is not a <string> VLAN

Can only perform operations on the specified VLANs.

s089375: Uplink port cannot be redefined

Once set, an uplink port for a protected VLAN cannot be changed.

s089376: <string> has already been enabled

A feature cannot be enabled after it is already enabled.

s089377: <string> has already been disabled

A feature cannot be disabled after it is already disabled.

s089378: Maximum number of protected ports exceeded

There is a hardware limit on the number of protected ports (group or uplink) that can be added.

s089379: Group <number> does not exist

The group or uplink specified cannot be found and is invalid.

s089380: Port(s) not found in group

The group or uplink portmap does not contain the specified port.

s089381: Port is protected, must be deleted from group

An attempt has been made to delete a port from a VLAN. Because the port is a protected port it must be deleted from a group instead.

s089382: Maximum number of <string> classification rules has been reached

There is no more room in hardware to add any more classification rules of the type specified.

s089383: VLAN <number> is not private

The VLAN specified is not private. Uplink ports can be added to private VLANs only.

s089384: VLAN <number> already has one or more uplink ports

The VLAN specified already has one or more uplink ports. Private VLANs can have only a single uplink port or uplink trunk group of ports.

s089385: Port <value> is already a member of non-private VLAN <number>

The port specified is already a member of a non-private VLAN. Uplink ports can be members of private VLANs only.

s089386: Port <value> is already a private port in private VLAN <number>

The port specified is already a private port in a private VLAN. A port cannot be both an uplink port and a private port.

s089387: VLAN <number> has no uplink ports

The VLAN specified has no uplink ports. Uplink ports must be added to a private VLAN before any private ports can be added.

s089388: Port <value> is already a member of non-private VLAN <number>

The port specified is already a member of a non-private VLAN. A port cannot be a member of both a private and a non-private VLAN.

s089389: Port <value> is already a member of private VLAN <number>

The port specified is already a member of a private VLAN. A port cannot be a member of both a private and a non-private VLAN.

s089390: Port <value> is already an uplink port in VLAN <number>

The port specified is already an uplink port in a VLAN. A port cannot be both a private port and an uplink port.

s089391: Port <value> is already in VLAN <number> which has different uplink ports

The port specified is already in a VLAN which has different uplink ports to the specified VLAN. All private VLANs that a private port is a member of must have the same set of uplink ports.

s089392: Multiple uplink ports can be added to a private VLAN only

Multiple uplink ports were specified, but they do not all belong to a single trunk group. If more than one uplink port is being added to a private VLAN then they must all be in the same trunk group.

s089393: VLAN <number> still has private ports

The VLAN specified still has private ports. All private ports must be deleted from a private VLAN before the uplink ports can be deleted.

s089394: Operation not allowed on a <string> VLAN

There has been an attempt to perform a nested VLAN operation on a VLAN which is not nested. This is not allowed.

s089395: Port already belongs to a <string> VLAN

There has been an attempt to add a port to a VLAN of a conflicting type. A port trying to be added belongs to a VLAN of a conflicting type (e.g) Nested & 'normal'

s089396: Operation not allowed on a <string> port

There has been an attempt to perform an operation which is not allowed on the port type specified.

s089397: Destroy all Private VLANs before creating Protected VLANs

Before you create protected VLANs destroy all private VLANs.

s089398: Destroy all Protected VLANs before creating Private VLANs

Destroy all protected VLANs before creating private VLANs.

s089399: Trunked ports can not be added to Protected VLANs

Trunked ports can not be added to protected VLANs.

s089400: The Nested VLAN License has expired. All Nested VLANs have been destroyed

Either the license has been disabled or the trial license has expired.

s089401: Must first return the port to the default VLAN as untagged port-based.

The port is in the default VLAN as tagged or untagged non-port-based, so cannot be automatically deleted when it is added to a private VLAN. The user must manually set it to be untagged port-based before the command will succeed.

s089402: Port <number> would be in a private and a non-private VLAN (the Default VLAN) after deletion

The deletion of a port number would result in the port being added back to the default VLAN as untagged port-based, and it would be left in one or more private VLANs as tagged, or as untagged non-port-based. The port would then be in both a private and a non-private VLAN (the default VLAN), which is not allowed. The port must be deleted from all private VLANs before it can become an untagged port-based port in a private VLAN.

s089403: All ports in the group/uplink must be specified

When setting the frame type of a private VLAN's ports all the ports in the uplink/group need to be specified.

s092256–s092999: Spanning Tree Protocol (STP)**s092256: Parameter <string>, too long**

The parameter entered was too long. Re-enter the parameter with a shorter value.

s092257: Parameter <string>, value too high; maximum is <number>

The value of the parameter entered was more than the maximum value. Re-enter the parameter with a lower value.

s092258: Cannot create an STP with the name ALL

The STP parameter specified the name ALL. This name is not allowed. Re-enter the command with a different name.

s092259: The STP specified already exists

The specified STP already exists. Re-enter the command with a different STP specified.

s092260: The STP specified does not exist

The specified STP does not exist. Re-enter the command with a different STP specified.

s092261: Creating the STP would exceed the maximum number of STPs

The maximum number of STPs has been reached. Delete an existing STP and re-enter the command.

s092262: There are no user created STPs to be destroyed

No STPs were destroyed because there are no user defined STPs to destroy. Default STP cannot be destroyed.

s092263: Cannot <string> the default STP

An attempt was made to modify or destroy the default STP. This is not allowed. Re-enter the command with a different STP.

s092264: The VLAN specified does not exist

The specified VLAN does not exist. Re-enter the command with a different VLAN specified.

s092265: VLAN contains ports that would be duplicated across STPs

The specified VLAN can't be added to another STP as it contains ports that are associated with other VLANs in the default STP, and a port can only belong to one STP. Delete port from the other VLANs and re-enter the command.

s092266: <string> parameter required with this command

A parameter is required with this command. Re-enter the command with the missing parameter.

s092267: Additional parameter(s) required for the <string> command

An unexpected end of line has been reached when additional parameters were expected. Re-enter the command with additional parameters.

s092268: Parameter VLAN, cannot specify the default VLAN for <string> command

The VLAN parameter must not have the default VLAN for ADD and DELETE commands. Re-enter the command with a different value.

s092269: The VLAN specified is already associated with <string> STP

An attempt is being made to add a VLAN to an STP when it is already associated with either the specified STP or another STP other than the default STP.

s092270: The specified VLAN is not associated with the specified STP

An attempt is being made to delete a VLAN from an STP it is not associated with. Re-enter the command with the correct STP or a different VLAN.

s092271: Port <port> does not exist; maximum port is <port>

Port number is too high. Re-enter the command with a lower port number.

s092272: Port <port> does not exist; minimum port is <port>

Port number is too low. Re-enter the command with a higher port number.

s092273: The STP that port <port> belongs to must be enabled first

An attempt was made to disable/enable a port on an STP when the STP was disabled. Enable the STP and re-enter the command.

s092274: The <string> STP still contains one or more VLANs

An STP cannot contain VLANs if it is to be destroyed. Delete all VLANs from the STP and re-enter the command.

s092275: <string> STP: <string> and <string> timer criterion is not met

There is a timer relationship between the two parameters. This relationship cannot be satisfied with the specified value(s) and current STP values. Re-enter the command with timer values that meet the criterion.

s092276: Port <port> has not been installed

The port specified has not been installed. Re-enter the command with a different port number.

s092277: Port <port> has been disabled from switching

The port specified has been disabled by the DISABLE SWITCH PORT command. This is a warning message.

s092278: Port <port> is not a member of STP <string>

The command requires both a port and the STP to which it belongs, but the specified port does not belong to the specified STP. Re-enter the command with a valid combination of port and STP. Use the command SHOW STP PORT command to list the ports in the STP.

s092279: Port priority will be rounded down to nearest multiple of <number>

The 16 bit Port Identifier field in the STP Config BPDU will use only the most significant x number of bits to represent the port priority, where x is less than 8. The port priority range is 0 to 255 in steps of a fixed value.

s092280: The STP is already in <string> Mode

The specified STP is already in the Mode selected. This is a warning message.

s092281: Cannot set <string> unless in Rapid Mode

The RSTP Type parameter cannot be set unless in Rapid Mode. This is a warning message.

s092282: The RSTP Type is already stpCompatible

The specified STP already has RSTPTYPE set to stpCompatible. This is a warning message.

s092283: MCheck is being performed

Mcheck is being performed to test if there are any legacy bridges on the LAN.

092284: STP cannot be enabled on a port authentication port

Check if port is currently already enabled as an 802.1x port authentication port.

s092285: Port <value> is a Non-Master port in a trunk group - must be disabled

The specified port cannot be enabled for STP operation because it belongs to a trunk group. For ports in a trunk group, the STP Algorithm considers only the Master port of the trunk. Re-enter the command specifying a different port or the Master port in the trunk group.

s092286: Must specify all or none of the ports in trunk group <string>

A port that belongs to a trunk group has been specified. All ports in a trunk group must have the same STP configuration. Re-enter the command specifying all ports in the trunk group or none of the ports in the trunk group. Alternatively, configure all the specified ports in the command to be in the same trunk group.

s092287: STP enabled - BPDU forwarding has been disabled

Prior to enabling the STP instance, STP BPDU Forwarding was enabled on the switch. STP BPDU Forwarding is automatically disabled if an STP instance is enabled.

s092288: Invalid STP name - The string of <string> is reserved for MSTP instances

The instance name of "CIST" and "MSTIxx" are reserved for MSTP instances. STP cannot use the MSTP instance name as its name.

s093256–s093999: GUI

s093257: Resource File Error

An error occurred while reading the resource file. Either the resource file does not exist in flash, it is incompatible or it corrupt. Replace the resource file and re-enter the command.

s093258: Page '<string>' has no variables

There are no variables defined in the resource file for the specified page.

s093259: Page '<string>' not found

The page specified was not found in the list of pages in the resource file.

s093260: No pages found

There are no pages in the resource file. The most likely cause is that there is no resource file loaded.

s093261: Value '<string>' too long for variable '<string>'. Max. length <number>

The length of the string is longer than the maximum length specified for the data for that variable.

s093262: Variable '<string>' not found

The variable was not found in the page list or the global variable list.

s093263: Variable '<string>' is a LIST or FILE type

The variable was not being set to its default value and was a FILE or LIST type.

s093264: No global variables found

The global variables list is empty. The most likely reason is that there is no resource file loaded.

s093265: No files found

The file list is empty. The most likely reason is that there is no resource file loaded.

s093266: No elements found

The elements list is empty. The most likely reason is that there is no resource file loaded.

s093267: Model checking enabled

Model checking has been enabled for the current resource file.

s093268: Model checking disabled

Model checking has been disabled for the current resource file.

s093269: No resource file in flash

There is no resource file in the flash file system.

s093270: Error reading config.gui file

There is no resource file in the flash file system.

s093271: Mismatched variables between config.gui file and GUI

There is no resource file in the flash file system.

s093272: Resource file not present

The specified resource file was not present on the file system. This file must be loaded onto the router before it can be set.

s093273: Resource file read error

An error occurred while trying to read and evaluate the resource file.

s093274: Resource file checksum is invalid

The checksum on the resource file is invalid. This indicates that the file may be corrupt. Delete the resource file and reload it.

s093275: Resource file header info does not match file name

The file name for this resource file does not match the information in its header. Restore the file to its original file name and retry.

s093276: Resource file is incompatible with this model

The specified resource file is not intended for use with this product.

s093277: Resource file is incompatible with this software release

The specified resource file is not intended for use with this software release.

s093278: No MAIN page found in the resource file

The resource file does not contain a MAIN page.

s093279: Invalid resource file name

The file name does not conform to the required naming conventions for resource files. If the file has been renamed, restore the original name. If the file has not been renamed, this file is not likely to be a valid resource file.

s093280: No action taken as the GUI module is currently disabled

When the GUI module is disabled, the GUI is not available. Therefore, it is not appropriate to reinitialise the GUI module memory or install its resource file. The GUI module should be enabled and then a reset attempted after it has been enabled.

s094256–s094999: Open Systems Interconnection (OSI)**s094256: Parameter(s) <string> not permitted when <string>**

The specified parameters are not permitted when the specified condition exists.

s094257: Circuit ID <number> is invalid

No circuit with the specified circuit ID exists.

s094258: Circuit is incompatible with value specified for SNPASOURCE parameter

The circuit type is not compatible for the specified value of the SNPASOURCE parameter; for example NONE was specified but the circuit is not a PPP link, or EXPLICIT was specified but the circuit is not an Ethernet link.

s094259: ADJACENCY must be a system ID in the correct format

The specified system ID is either too long, too short, or not formatted correctly.

s094260: <string> contains invalid characters

The specified parameter contains invalid characters.

s094261: The specified manual adjacency was not found

The specified manual adjacency was not found.

s094262: Parameter "<string>" not recognised

The specified parameter cannot be used with this command.

s094263: CLNS instance <number> does not exist

The specified CLNS instance does not exist. Re-enter the command with a valid CLNS instance number.

s094264: Unable to add <string>

The CLNS module could not add the specified object.

s094265: Unable to delete <string>

The CLNS module could not delete the specified object.

s094266: <string> could not be disabled

The CLNS module could not disable the specified object.

s094267: <string> could not be enabled

The CLNS module could not enable the specified object.

s094268: Changes to <string> settings failed

An error occurred while changing the settings of the specified object.

s094269: Illegal Area address <string>, too <string>

The specified area address is invalid because it is either too long or too short. Re-enter the command with a valid address.

s094270: Illegal OSI <string>, <string>

The specified OSI address is invalid. Re-enter the command with a valid address.

s094271: Circuit already exists

The specified CLNS circuit already exists.

s094272: Interface used by another circuit

The specified interface is already used by another CLNS circuit.

s094273: Interface not found

The specified interface does not exist.

s094274: Interface attach failed

The CLNS module could not attach to the specified interface.

s094275: Interface type not supported by CLNS

The CLNS module does not support the type of the specified interface.

s094276: Circuit create failed

The CLNS module failed to create the circuit object.

s094277: Cannot delete only Area Address

A request was made to delete the only area address configured for the CLNS virtual router. This is not permitted as a CLNS router must have at least one area address at all times.

s094278: CLNS instance <number> is already enabled

A request was made to enable a CLNS instance that is already enabled.

s094279: Command <string> requires additional parameters

The specified command requires additional parameters in order for it to have any effect.

s094280: There are no adjacencies specified for this virtual router

The virtual router has no circuits, and therefore cannot have any adjacencies.

s094281: ESIS cannot be disabled on a point-to-point circuit unless it is an external domain circuit

ESIS can only be disabled on an external domain circuit. The specified circuit is not an external domain circuit.

s094282: Port value is invalid

The specified port is not installed. Re-enter the command with a port that is presently installed.

s094283: Port <port> does not belong to VLAN <number>

The specified port is not a member of the specified VLAN. Re-enter the command with the correct port or VLAN.

s095256–s095999: Public Key Infrastructure (PKI)**s095259: Invalid location type <string> <hexnum>**

The type of location specified is not valid for this command.

s095260: Invalid location syntax: <string> <hexnum>

The parameter specified is not a valid location.

s095261: Unnecessary command - no action taken

This command will cause no change to be made.

s095262: Certificate <string> not found

The specified certificate does not exist.

s095263: unused message - internal error

Not used.

s095264: Certificate "<string>" added to certificate database

The specified certificate has been added.

s095270: <string> already exists

The specified object already exists.

s095271: <string> not found

The specified object does not exist.

s095272: Certificate store is full

There is no more room in the certificate database.

s095273: PKI Management Request <string> Completed

The specified PKI management request has finished.

s095274: PKI Management Request <string> Failed

The specified PKI management request has failed.

s095275: <string>.csr already exists

The specified CSR file already exists.

s095276: <string>.csr is not a valid filename

The specified filename is not a valid .csr filename.

s095277: Key is Invalid

The entered key is not valid.

s095278: System distinguished name is not set

The system distinguished name has not been set.

s095279: The distinguished name is invalid

The entered distinguished name is not valid.

s095280: PKI certificate request sent to <string> server

The certificate has been requested from the appropriate LDAP/HTTP server.

s095281: PKI certificate "<string>" successfully received from server

The certificate has been received from the appropriate LDAP/HTTP server and is valid.

s095282: PKI certificate "<string>" either could not be retrieved or was invalid

Two possibilities: the certificate was received from the directory server, but was invalid, or the certificate request could not be fulfilled by the directory server.

s096256–s096999: Lightweight Directory Access Protocol (LDAP)**s096256: Operation Successful**

The operation was completed successfully.

s096257: Operations Error

A processing error has occurred for this request, retry after resetting the module using the PURGE LDAP command.

s096258: Protocol Error

An error in the protocol or sequence has occurred, possibly due to some data being lost. Retry the request.

s096259: The time limit set was exceeded

The time limit specified was exceeded. If possible, extend the limit, or check the request parameters before continuing.

s096260: The limit on number of returned items was exceeded

The limit on number of returned items was exceeded, try to narrow the request parameters and retry.

s096261: Compare returned FALSE

A Compare result of FALSE.

s096262: Compare returned TRUE

A Compare result of TRUE.

s096263: The requested authorisation method is not supported

The authentication method attempted is not supported by the server.

s096264: Strong Authentication is required

A Strong Authentication method is required to bind to this server.

s096265: Only partial results were returned

Only a partial set of results was returned (eg from a search operation). One of the request limits may have been exceeded.

s096266: The requested information can be found by referral

The server has referred the request to another server containing the requested information.

s096267: Administration Limit exceeded

An administration limit has been exceeded, for example, too many users attempting to bind to the server with manager privileges.

s096268: A critically marked extension could not be processed

A critically marked extension could not be processed.

s096269: Confidentiality is required

Confidentiality is required to perform the requested operation.

s096270: An SASL bind is in progress

An SASL bind is already in progress.

s096272: One or more of the attributes referred to does not exist on this DN

One or more of the attributes referred to does not exist on this DN, check request parameters before continuing.

s096273: Undefined Type

The Type for one of the requested attributes was undefined, check request parameters before retrying.

s096274: Inappropriate Matching

The request cannot be processed due to a matching violation on one of the target attributes.

s096275: Constraint Violation

There has been a constraint violation associated with the LDAP operation in progress.

s096276: Type or Value already exists

The specified Type or Value already exists for this attribute.

s096277: Invalid Syntax

A syntax error was encountered. Check the parameter syntax and retry the request.

s096288: One or more of the Objects referred to does not exist

The object referred to does not exist in this directory, check the parameter values before retrying.

s096289: There has been an alias problem

There was a problem with an Object ID alias.

s096290: Invalid Distinguished Name syntax

The Distinguished Name syntax given was invalid. Check the parameter values before retrying.

s096291: Cannot perform the requested operation on a 'leaf'

The request operation cannot be performed on a directory leaf object.

s096292: There was an alias dereferencing problem

A problem occurred dereferencing an object (OID) alias. If object types are specified as text, check them before retrying.

s096304: Inappropriate Authorisation method

The attempted method of authorisation was inappropriate or invalid.

s096305: Invalid Credentials

The authorisation credentials given were invalid.

s096306: Insufficient Access

The user has insufficient access rights to perform the requested operation on this server.

s096307: The server is busy, try again later

The LDAP server has indicated that it is too busy to process the request.

s096308: The service is unavailable

LDAP service is currently unavailable from this server.

s096309: The server is unwilling to perform the requested operation

The server has refused to perform the requested operation.

s096310: A server referral loop was detected

There are two servers that refer to each other.

s096320: Naming Violation

A violation of the Object Naming rules would result from this operation.

s096321: Object Class Violation

A violation of the Object Class rules would result from this operation.

s096322: Update not allowed on NonLeaf

An Update operation is not allowed on a Non-Leaf object.

s096323: Update not allowed on RDN

An Update operation is not allowed on a Relative Distinguished Name object.

s096324: The item already exists

The result of the update operation would result in an identical duplicate object.

s096325: Object Class Mods are not allowed

Class modifications are not allowed on this object.

s096326: The update results would be too large

The results of the requested update operation would be too large for the server to process/store.

s096327: The update operation affects multiple DSA's

The update operation affects multiple DSA's.

s096336: An undefined error has occurred

An undefined error has occurred.

s096337: The server is down

Unable to contact the server. Check that a connection can be made to the server, and that the request is issued to the correct port (usually 389).

s096338: A local error occurred

An uncategorised error has occurred locally.

s096339: An error occurred during the request encoding process

An error occurred trying to encode the request. Most likely due to one of the parameters being of unexpected from or length. Check and retry.

s096340: An error occurred during the request decoding process

An error occurred when trying to decode the results returned by the server. The most likely cause is bad data received from the server. Retry the request.

s096341: A local time limit was exceeded

The request timed out locally. If the applicable limit can be extended, do so before trying again.

s096342: Authorisation unknown

There was a local authorisation failure with the request. Check that the user has rights to perform the requested operation.

s096343: There was an error with the Filter syntax

The filter specified could not be read due to a syntax error. Check the format of the filter string before retrying.

s096344: The operation was cancelled by the user

The operation was cancelled by the user.

s096345: There was an error with one of the request parameters

One or more of the parameters specified caused the request to fail. Check that all parameters have correct, valid values before retrying.

s096346: Memory required for the request was unavailable

There is insufficient memory or too many requests outstanding to complete the request. Try again later when system resources are free, or use the PURGE LDAP command to clear the module before retrying.

s096347: There was a failure with the connection

The connection to the server has failed. Retry the request.

s096348: Not Supported

The operation, or critical request parameter is not supported in this implementation.

s096349: Control Not Found

The server or client control specified was not found.

s096350: No results were returned

The request failed to return any results.

s096351: More results follow...

More results are pending for this request.

s096352: A client referral loop was encountered

Two clients are referring to each other.

s096353: The referral limit was exceeded

The maximum number of server referrals was exceeded.

s096354: The request is invalid or closed

The LDAP request referred to does not exist or has already been completed.

s096355: Invalid Schema or Operation

The Schema or Operation requested is invalid.

s097256–s097999: Protocol Independent Multicast (PIM)

s097257: PIM invoked while it is disabled

PIM should be enabled before it is activated. Use the command `ENABLE PIM` after PIM interfaces are configured.

s097258: PIM version number unknown

PIM received a packet that contains an unknown PIM version number. Make sure all routers in a network are running the same PIM protocol.

s097259: PIM message type unknown

PIM received a packet that contains an unknown PIM message type. Make sure all routers in a network are running the same PIM protocol.

s097260: PIM check sum error found in the receiving packet

PIM received a corrupted packet that contains an incorrect check sum.

s097261: PIM message received on no PIM interface

PIM received a PIM packet on an interface that is not PIM capable. Either configure that interface with PIM or check your network plan.

s097262: PIM registration to Rp failed

PIM did not have information about the RP for a group when it attempted to encapsulate a multicast data packet destined to that group to RP. Make sure at least one RP candidate has been configured for that group in the network.

s097263: PIM received REGISTER STOP without (S,G) state

PIM received a RegisterStop message but it does not have a state showing it was registering. Make sure the configuration of the register probe time is not too small.

s097264: PIM sparse mode message arrived at interface of which is NOT sparse mode enabled

PIM received a sparse mode message while the incoming interface was not configured as a PIM sparse mode interface. Check the PIM interface configuration using `SHOW PIM INT`.

s097265: PIM cannot allocate memory

PIM cannot allocate memory. Restart the router.

s097266: PIM received REGISTER while either the router is not RP or the message is not destined for it

PIM received a Register message but the router is not RP. Check BSR configuration and RP configuration for the whole network.

s097267: PIM received BSM from wrong upstream neighbour or the BSM is not destined for this router

PIM only accepts BSM coming from the upstream neighbour towards BSR, otherwise the received BSM would be dropped.

s097268: PIM received HELLO which is NOT destined for me

A PIM Hello message was received but it was not destined for this router.

s097269: PIM received JOIN/PRUNE which is NOT destined for me

PIM only accepts Join/Prune messages that have the upstream address as this router.

s097270: PIM received ASSERT which is NOT destined for me

A PIM Assert message was received but it was not destined for this router.

s097271: PIM received a (S,G) data not destined for All PIM Router

Multicast data should be delivered to all PIM routers.

s097272: PIM received REGISTER while the router is not RP

In PIM operation, only the RP should receive Register messages. Check the BSR configuration and RP configuration for the whole network.

s097273: PIM received REGISTER STOP while either the router is not DR or the message i.e. NOT destined for it

In PIM operation, only the active DR should receive Register Stop messages. Check the PIM interface configuration for all routers connected to the LAN.

s097274: PIM received data from local host while the router is NOT DR

In PIM operation, only the active DR should handle the multicast data. If multiple routers are connected to a LAN, this message should be ignored.

s097275: PIM drops this message silently

For debugging purposes only.

s097276: PIM receiving (S,G,rpt) J/P message while having no (*,G) state

For debugging purposes only.

s097277: PIM received C-RP-ADV while either the router is not BSR or the message is not destined for it

PIM C-RP-ADV only sent to BSR. Check candidate BSR configuration and candidate RP configuration in the network, make sure the parameter BSM interval is not too longer the RP advertisement interval.

s097278: PIM received BSM which contains NO rpSet

PIM BSM normally contains RP information for the network. Make sure some Candidate RPs have been configured in the network.

s097279: PIM cannot get RP information

The Active DR must have RP information. Make sure at least one candidate RP for a group is configured in the network.

s097280: PIM message format incorrect

The packet was corrupted.

s097281: PIM Interface does not exist. No action

The specified PIM interface does not exist. Check PIM interface configuration using the SHOW PIM INTERFACE command.

s097282: Set PIM parameter done

The specific configuration has been updated.

s097283: Reset PIM parameter done

The specific parameter(s) have been reset to the default value(s).

s097284: PIM is enabled now

PIM is enabled and PIM operation has started.

s097285: PIM has been enabled already. No action

An attempt was made to enable PIM but PIM is already enabled.

s097286: PIM is NOT enabled as no PIM interface defined

At least one PIM interface must be configured before PIM can be enabled. Add a PIM interface first, then enable PIM.

s097287: PIM is disabled now

PIM is disabled. PIM operation has stopped.

s097288: PIM has been disabled already. No action

An attempt was made to disable PIM but PIM is already disabled.

s097289: PIM debug is enabled now

PIM debug is enabled. Debug information about PIM operation will be displayed.

s097290: PIM debug has been enabled already. No action

An attempt was made to enable PIM debugging but PIM debugging is already enabled.

s097291: PIM debug is disabled now

PIM debug is disabled. Debug information about PIM operation will no longer be displayed.

s097292: PIM debug has been disabled already. No action

An attempt was made to disable PIM debugging but PIM debugging is already disabled.

s097293: Group address must be in range 224.0.0.0 - 239.255.255.255

The specified group address is outside of the valid range. Re-enter the command with a valid group address.

s097294: Group address must be specified

To configure a candidate RP, a group address must be specified. Re-enter the command with a group address.

s097295: Group address exists

When configuring a candidate RP for a group, the specified group address must not already exist or be in use. Re-enter the command with a new group address.

s097296: Group address does not exist

When updating a candidate RP configuration, the specified group address must already exist. Check the candidate RP configuration using the SHOW PIM RPCANDIDATE command.

s097297: BSR Candidate is already configured. No action

A router only needs to be configured as BSR candidate once. Check the BSR configuration using the SHOW PIM BSR command.

s097298: BSR Candidate is NOT configured

To update a router's BSR configuration, it must have been configured as BSR already. Check the BSR configuration using the SHOW PIM BSR command.

s097299: Operation Successful

The command has been executed successfully.

s097300: Invalid group mask

The specified group mask is not valid. Re-enter the command with a valid group mask.

s097301: No information to display

The specified group mask is not valid. Re-enter the command with a valid group mask.

s097302: Group/mask overlapping with existing one

The specified group/mask overlaps with an existing pair. Re-enter the command with a valid group/mask, or delete older group/mask pairs first.

s097303: Pim received corrupted packet

PIM received a corrupted packet that could not be decoded.

s097304: Pim cannot configure too many candidate groups

There are already 256 candidate groups configured. Try to sort the groups into group ranges using a group mask.

s100256–s100999: Generic Classifier**s100256: The <string> parameter requires a <string> number including leading zeros**

The wrong number of bytes was entered for the specified parameter. Re-enter the command with the correct number of bytes for the parameter.

s100257: <string>=<number> does not exist

The classifier with the specified rule identification number does not exist. Re-enter the command with a valid rule identification number.

s100258: Invalid combination: <string> parameter and <string> parameter

An invalid combination of parameters was entered, for example TCP and UDP parameters. Re-enter the command with only one of the parameters.

s100259: Invalid combination: MATCH, MASK and OFFSET must all be specified

If the MATCH, MASK or OFFSET parameter has been specified, then all three parameters must be specified with the same suffix. Valid combinations are {MATCH1, MASK1, OFFSET1} and {MATCH2, MASK2, OFFSET2}. Combinations such as {MATCH1, MASK2, OFFSET1} are not valid. Re-enter the command with the correct combination of parameters.

s100260: The OFFSET parameters must be specified in increasing order

The OFFSET parameters must be specified in increasing order. OFFSET2 must be greater than OFFSET1 and OFFSET3 must be greater than OFFSET2. Re-enter the command with OFFSET parameters in the correct order.

s100261: The <string> set of match parameters must end in <number>, e.g. <string>

A set of match parameters was specified in the wrong position. For example, if only one set of match parameters is specified, then it must be {MATCH1, MASK1, OFFSET1}; it cannot be {MATCH2, MASK2, OFFSET2}. If two sets of match parameters are specified, then {MATCH2, MASK2, OFFSET2} must follow {MATCH1, MASK1, OFFSET1}. Re-enter the command with the correct set of MATCH parameters.

s100262: <string>=<number> is currently being used by the <string> module

The command entered is not valid for the classifier because the classifier is being used by another module. Re-enter the command with a different classifier or modify the specified module so that the classifier is no longer in use.

s100263: No Classifiers exist

The command could not be executed because no classifiers exist. Create a classifier and re-enter the command.

s100264: Incompatible: <string> parameter(s) with IPv6 type classifiers

The classifier is of an IPv6 type and this is not compatible with some parameters, i.e., IPTOS, DVLAN, VLAN.

s100265: Cannot have IPv4 and IPv6 information in single classifier

The user has specified information makes the classifier IPv4 and other information that makes the classifier IPv6, i.e. ipdadd=1.2.3.4 and prot=ipv6.

s100266: This classifier may only contain IPDADDR or IPXDADDR

The user has specified information other than IPDADDR or IPXDADDR. This classifier is being used with a hardware filter that is used with the CPU port. When a hardware filter is used the destination port=CPU then the classifier can only classify on IPDADDR or IPXDADDR.

s100267: Specified ICMP type is incompatible with the ICMP code

The user has specified an incompatible ICMP type and code.

s100268: Operation successful, a software classifier has been created

The classifier has been successfully created and is available for use in software QoS.

s100269: Invalid parameter: <string> parameter not supported

The parameter is not valid for this router model.

s100270: Invalid parameter(s) for ingress software classifier, can only be VLANPRI, IPDSCP or IPTOS

The parameter is not valid for use as an ingress classifier. Ingress classifiers can only classify on VLAN priority, DSCP or TOS.

s102256–s102999: Switch Driver

s102256: Parameter <string>, too long

The value entered for the specified parameter was too long. Re-enter the command with a shorter value for the parameter.

s102257: Parameter <string>, value too high; maximum is <number>

The value entered for the specified parameter was more than the maximum allowed value. Re-enter the command with a lower value for the parameter.

s102258: Port <number> does not exist; maximum port is <number>

The specified port number is higher than the highest port number installed on the device. Re-enter the command with a lower port number.

s102259: The <string> specified does not exist

The specified item does not exist. Re-enter the command with an item that exists.

s102260: Port <number> does not exist; minimum port is <number>

The specified port number is lower than the lowest port number installed on the device. Re-enter the command with a higher port number.

s102261: <string> and <string> cannot be used together

Two parameters that are mutually exclusive were specified in the same command. Re-enter the command with only one of the parameters.

s102262: Creating the <string> would exceed the maximum number allowed

The maximum number of entities already exist. No more entities can be created. Destroy an existing entity that is not needed or use an existing entity.

s102263: The <string> specified already exists

The specified entity already exists. Re-enter the command with a different entity.

s102264: A new <string> could not be created

A new entity could not be created due to an internal error. Contact your authorised distributor or reseller.

s102265: The <string> contains the maximum number of <string>

The collection already contains the maximum allowed number of entities, and cannot accept any more entities. Delete entities from the collection and re-enter the command.

s102266: Invalid queue entered, queues range from <number> to <number> inclusive

An invalid QOS queue was specified in the comma-separated list of egress queues. Re-enter the command with a valid QOS queue.

s102267: Must specify <number> queues in the list

The wrong number of values was entered in the comma-separated list. Re-enter the command with the correct number of values.

s102268: Autonegotiation has not been configured on port <number>

Autonegotiation cannot not be activated on the specified port. The speed of the port has not been set to autonegotiate. Re-enter the command with a different port or set the speed of the port to autonegotiate.

s102269: The <string> does not belong to the <string>

The parameters specified are not in the same membership group. Re-enter the command with parameters that belong to the same group.

s102270: Port <number> does not belong to any VLAN as an untagged port

A VLAN parameter was not specified, so the specified port is considered to be an untagged port. The port must belong to a VLAN as an untagged port. Re-enter the command with a different port, or add the port to a VLAN as an untagged port.

s102271: <string> already enabled

An attempt was made to enable the specified entity but that entity was already enabled. Re-enter the command with a different entity, or use the DISABLE command to disable the entity.

s102272: <string> already disabled

An attempt was made to disable the specified entity but that entity was already disabled. Re-enter the command with a different entity, or use the ENABLE command to disable the entity.

s102273: Switch operation failed

The requested operation failed at the device independent layer or below. Contact your authorised distributor or reseller.

s102274: The ports specified do not belong to a common VLAN

All ports in a trunk group must belong to the same VLAN(s). Re-enter the command with ports that belong to a common VLAN.

s102275: The ports specified must belong to the <string> VLAN

All ports in a trunk group must belong to the same VLAN(s). Add ports to the specified VLAN and re-enter the command.

s102276: Additional parameter(s) required for this command

An unexpected end of line has been reached when additional parameters were expected. Re-enter the command with all required parameters.

s102277: Parameter <string>, unrecognised

The AR410V2 (AR410BCM) does not support some AR410 commands - some parameters are not recognised.

s102278: Parameter <string>, value too high; maximum value length is<number> bytes long

The AR410V2 (AR410BCM) register is a maximum of 8 bytes long.

s102279: <number> has been rounded up to the nearest acceptable value of <number>

Restrict the decimal value to a predefined set of values. Round the value entered up to the nearest acceptable value.

s102280: Ageing timer unchanged

The ageing timer has been set with the same value as its current value. No change has been made to the ageing timer in the switching chip.

s102281: BC, MC and DLF limits must be the same per port

The Broadcast, Multicast and DLF limits must be the same for a given switch port.

s102282: Setting to MDI/MDI-X mode has no effect until auto MDI/MDI-X is disabled

There is no effect when setting to MDI/MDI-X mode without first disabling MDI/MDI-X.

s102283: cannot set to auto MDI/MDI-X mode

cannot set to auto MDI/MDI-X mode when the port is set to a specific speed and duplex.

s102284: Parameter <string> and <string> required but not seen in command line

If DFLIMIT is seen in the command line, BCLIMIT and MCLIMIT must be seen as well.

s102285: A learn limit cannot be set when PORTAUTH is enabled on this port

An attempt was made to set a learn limit on the port, but port authentication is already enabled on the port. Learn limits cannot be set on a port under port authentication control.

s103256–s103999: Border Gateway Protocol version 4 (BGP-4)**s103257: BGP Peer must be disabled first**

A BGP peer cannot be deleted or modified while it is enabled. Disable the BGP peer first and re-enter the command.

s103258: Hold time is invalid (1 or 2)

An invalid hold time was specified. The hold time must be zero (0) or a number from 3 to 65535.

s103259: There must exist at least one BGP Peer

At least one BGP peer must exist.

s103260: Invalid option "<string>"

The specified option is not valid for this command. Re-enter the command with a valid option.

s103261: Import type "<string>" already imported

An attempt was made to add an import type (OSPF, RIP, STATIC), but that import type already exists. Re-enter the command with a different import type.

s103262: Warning: "<number>"Kb of memory. Limited/impaired BGP abilities are possible

The router does not have sufficient memory for complete BGP functionality. BGP will continue to operate but with restricted functionality.

s103263: Confederation Peer "<number>" already exists

An attempt was made to add a confederation peer, but the specified confederation peer already exists. Re-enter the command with a different confederation peer.

s103264: Confederation Peer "<number>" not found

The specified confederation peer does not exist. Re-enter the command with an existing confederation peer.

s103265: Parameter "<string>", Invalid characters found

The value entered for the specified parameter contained invalid characters. Valid characters are uppercase and lowercase letters, digits (0-9), and the underscore character (" _").

s103266: Specified IP CIDR mask and mask values are inconsistent

The IP address CIDR mask and the network mask values specified in the command are not consistent. Re-enter the command with only one mask.

s103267: Invalid Mask Value

The specified mask value is not valid. The value entered must represent a 32-bit pattern of consecutive 1's followed by consecutive 0's (if any).

s103268: Invalid Community Name or Value

The specified community name was invalid. A community name can be either a string or a decimal value.

s103269: Peer limit reached. Only <number> peers are allowed

An attempt was made to configure more peers than the maximum number of peers (99) allowed.

s103270: Specified <string> does not exist in the filter list

The specified entry does not exist in the filter list. Re-enter the command with a valid filter entry.

s103271: Confederation Peer Number same as Autonomous System Number

The confederation peer number cannot be the same as the local autonomous system number. Re-enter the command with a different value for the confederation peer number.

s103272: Confederation Peer Number identical to local Confederation ID

A confederation peer number cannot be the same as the router's own confederation ID. Re-enter the command with a different value for the confederation peer number.

s103273: Local Autonomous System Number is not set

A confederation peer cannot be added if the local autonomous system number has not been set. Set the local autonomous system number first, using the SET IP AUTONOMOUS command, then add the confederation peer.

s103274: Local Confederation ID Number is not set

A confederation peer cannot be added if the local confederation ID has not been set. Set the local confederation ID first, using the SET BGP CONFEDERATIONID command, then add the confederation peer.

s103275: Authentication requires a password to be set

An attempt was made to enable MD5 Authentication without defining an authentication password. Re-enter the command with an authentication password, or with a different authentication method.

s103276: Password cannot be cleared with Authentication enabled

An attempt was made to delete or clear the authentication password while MD5 Authentication was still enabled. Re-enter the command with an authentication password, or disable MD5 authentication.

s103277: Specified <string> does not exist in the route map list

The specified route map does not exist. Re-enter the command with an existing route map.

s103278: <string> <string> already exist

An attempt was made to add the specified object, but an object of that type and with that name already exists. Re-enter the command with a different object or name.

s103279: Confederation ID Number cannot be same as Confederation Peer

An attempt was made to set the local autonomous system number to the same value as an existing confederation peer number. Re-enter the command with a different value for the confederation ID.

s103280: Confederation ID cannot be none, Confederation Peer(s) still defined

An attempt was made to remove the local autonomous system number while confederation peers exist. This is not allowed. Delete the confederation peers first, then remove the local autonomous system number.

s103281: Route map "<string>" is already used by another Import type

An attempt was made to add another import type (OSPF, RIP, STATIC) using the same route map already in use by an existing import type. Each route map can only be used by one Import type. Re-enter the command with a different route map.

s103282: HOLDDTIME is zero, unable to set KEEPALIVE

If the hold time is zero (0), the keepalive time must also be zero (0).

s103283: BGP Peer <string> already enabled

The specified peer is already enabled. Re-enter the command with a different peer.

s103284: BGP Peer <string> already disabled

The specified peer is already disabled. Re-enter the command with a different peer.

s103285: Debug option "<string>" already enabled

The specified debugging option is already enabled. Re-enter the command with a debugging option.

s103286: Debug option "<string>" was not enabled

The specified debugging option is already disabled. Re-enter the command with an active debugging option.

s103287: There are no BGP peers defined

There are no BGP peers currently defined. The command entered is only valid when BGP peers are defined. Add a BGP peer and re-enter the command.

s103288: Specified IP address and mask values are inconsistent

The specified IP address and mask values are inconsistent, because the IP address has non-zero bits in positions where the mask has zero bits. For example, 202.1.2.3/16 should be specified as 202.1.0.0/16.

s103289: A feature licence is required to use BGP4

A feature licence is required to enable BGP and add BGP peers. A feature licence can be obtained from your authorised distributor or reseller.

s103290: Syntax Error in Regular Expression

There is a syntax error in the regular expression, for example ". *" instead of ".*".

s103291: Buffer level too low - ending SHOW BGP ROUTE output

The buffer level is too low to continue SHOW output.

s103292: The <string> specified does not exist

The item specified in the command does not exist. Create the item and then re-enter the command, or re-enter the command and specify an item that exists.

s103314: This peer's policy must be modified through its template

You have attempted to modify a setting on a peer that is configured to read the setting from a template. Either modify the setting in the template itself using the command **set bgp peertemplate**, or remove the peer from the template first by using the command **set bgp peer=ipadd policytemplate=** (specifying no template number). Note that modifying a template changes the setting for all peers that use the template.

s103315: <string> is already enabled

The specified function is already enabled.

s103316: <string> is already disabled

The specified function is already disabled.

s103317: The local interface <number> does not exist

The local interface is not configured on the device. Either re-enter the command and specify an existing local interface, or create the local interface by using the command **add ip local** and then re-enter this command.

s103318: MEMlimit reached <number>. BGP peers disabled

BGP and related IP protocols have used too much memory. The router has disabled all BGP peers. For more information about memory limiting, see [“How to Stop BGP from Overloading System Memory”](#) on page 49-36 of Chapter 49, Border Gateway Protocol version 4 (BGP-4).

s103319: BACKOFF limit reached <number>. Backing off for <number> seconds. Consecutive backoffs <number>

System memory is high and BGP has backed off. For more information about backoff, see [“How to Handle Spikes in Memory Use”](#) on page 49-35 of Chapter 49, Border Gateway Protocol version 4 (BGP-4).

s103320: Consecutive BACKOFF limit reached <number>. Disabling Peers

BGP has backed off for the maximum allowed number of times in a row. The router has disabled all BGP peers. For more information about backoff, see [“How to Handle Spikes in Memory Use”](#) on page 49-35 of Chapter 49, Border Gateway Protocol version 4 (BGP-4).

s103321: Total BACKOFF limit reached <number>. Disabling Peers

BGP has backed off for the maximum total allowed number of times. The router has disabled all BGP peers. For more information about backoff, see [“How to Handle Spikes in Memory Use”](#) on page 49-35 of Chapter 49, Border Gateway Protocol version 4 (BGP-4).

s103299: IP address of peer matches local interface

You cannot add a peer that has the same IP address as the local interface. For more information about local interfaces and BGP, see [“How to Set the IP Address By Which the Router Identifies Itself”](#) on page 49-38 of Chapter 49, Border Gateway Protocol version 4 (BGP-4).

s104256–s104999: Load Balancer

s104257: Resource <string> already exists

The supplied resource IP address and port number have already been used. Enter an IP address and port number that are unique for the resource.

s104259: Resource limit reached. Only <number> resources are allowed

The number of currently configured resources is limited to 1024. You cannot add another resource unless you first delete an existing resource.

s104260: Cannot <string> resource <string> because it is not in the DOWN state.

You can only delete, enable or set a resource when it is in the DOWN state. Use the DISABLE LOADBALANCER RESOURCE command to disable a resource.

s104261: Resource <string> is already in the DOWN state

You can only disable a resource when it is in the UP or CLOSING state.

s104262: Resource <string> does not exist

The resource name given does not match an existing resource. Enter the name of a resource.

s104263: There must be no established sessions to the resource

A resource has to be in the DOWN state before you can re-allocate it to another resource pool. Also, the resource cannot have any connections currently established to it.

s104264: <string> debug already enabled

The DEBUG option is currently enabled.

s104265: <string> debug was not enabled

The DEBUG option is currently disabled.

s104266: Resources per pool limit reached.

The number of resources per resource pool is limited to 64. You cannot add another resource to this resource pool unless you first delete an existing resource from the resource pool.

s104267: Resource pool <string> already exists

The specified resource pool name has already been used. Enter a different name.

s104268: Resource pool limit reached.

The number of currently configured resource pools is limited to 32. You cannot add another resource pool to this virtual balancer unless you first delete an existing resource pool.

s104269: Resource pool <string> does not exist

The specified resource pool name does not match the name of a configured resource pool. Enter the name of a resource pool.

s104270: Virtual balancer <string> already exists

The specified virtual balancer name has already been used. Enter a different name.

s104271: Virtual balancer limit reached.

The number of currently configured virtual balancers is limited to 32. You cannot add another virtual balancer unless you first delete an existing virtual balancer.

s104272: IP address <ipadd> is not assigned to a router interface.

The specified IP address must relate to a valid router interface. Enter a different IP address.

s104273: HTTPERRORCODE list limit reached.

The number of HTTP error codes that can be listed is 32. You cannot enter another HTTP error code unless you first delete an existing error code.

s104274: Virtual balancer <string> does not exist

The specified virtual balancer name does not match the name of an existing virtual balancer. Enter the name of a virtual balancer.

s104275: Parameter(s) can only be <string> if the virtual balancer is in the DOWN state.

A virtual balancer must be in the DOWN state before you can delete, enable or set any of its parameters.

s104276: The specified HTTP error code(s) are not configured in this virtual balancer

You cannot delete an HTTP error code unless it matches one in the list. Enter another error code.

s104277: Virtual balancer <string> is already in the DOWN state

You can only disable a virtual balancer when it is in the UP or CLOSING state.

s104278: Specified virtual balancer IP address and PORT number already exist

The supplied virtual balancer IP address and port number have already been used. Enter an IP address and port number that are unique for the virtual balancer.

s104279: Specified DOMAINNAME already exists

The specified DOMAINNAME has already been used. Enter a unique DOMAINNAME for this virtual balancer.

s104280: Parameter STATEFUL is only valid for ROUTE type virtual balancers

You cannot specify the STATEFUL parameter. This parameter is only valid for route-based virtual balancers.

s104281: Parameter PUBLICPORT cannot be specified for ROUTE type virtual balancer

You cannot specify the PUBLICPORT parameter. This parameter is not valid for a route-based virtual balancer.

s104282: Attempting to set the same PUBLICIP address to two ROUTE based virtual balancers

The specified public IP address has already been used. Two route-based virtual balancers cannot use the same IP address. Enter a different IP address.

s104283: One or more of the specified error codes already exists

Individual HTTP error codes can only be added to a virtual balancer once. You have either already entered the error code, or you made a keystroke error.

s104284: Attempting to assign the same resource pool to two virtual balancers

Only one virtual balancer at a time can be associated with a particular resource pool. Assign a different resource pool to the virtual balancer.

s104285: Some of the settings have been reconfigured because the TYPE has changed

Changing the TYPE of an existing virtual balancer can affect the amount of resources it uses, and its overall performance. For example, changing an HTTP balancer to a TCP balancer results in parameters URLNAME and COOKIEHEADER being set to NULL.

s104286: There is an existing virtual balancer on the same PORT and IP which does not have a DOMAINNAME

An existing virtual balancer has the same port and IP address but does not have a DOMAINNAME specified. You must first specify a unique DOMAINNAME for this virtual balancer if you want it to use this IP address and port.

s104287: Parameter COOKIEHEADER is only valid for HTTP virtual balancers.

You can only set the COOKIEHEADER parameter for HTTP type virtual balancers.

s104288: Parameter DOMAINNAME is only valid for HTTP virtual balancers.

You can only set the DOMAINNAME parameter for HTTP virtual balancers.

s104289: Parameter HTTPERRORCODE is only valid for HTTP virtual balancers.

You can only set the HTTPERRORCODE parameter for HTTP virtual balancers.

s104290: Parameters SSL|SSLKEY|SSLRESOURCEKEY|SSLTORESOURCE are only valid for HTTP virtual balancers.

You can only set the SSL related parameters for HTTP virtual balancers.

s104291: Cannot set IP address because the resource is not in the DOWN state

To change the resource's IP address, the resource must be in the DOWN state.

s104292: Only one parameter is allowed after <string> LOADBALANCER <string>

You can only set one of the RESOURCE, RESPOOL and VIRTUALBALANCER parameters for the RESET LOADBALANCER command. You can only set one of the RESOURCE, VIRTUALBALANCER, and CLIENTIP parameters for the SHOW LOADBALANCER AFFINITY command.

s104293: Attempt to open TCP socket failed. Check if existing sockets overlap.

A TCP listen socket did not open. Either TCP failed or there is an existing socket for the given parameters.

s104294: FIREWALL is not enabled

The configured virtual balancer has been enabled, but the Firewall is not enabled.

s104295: Failed to create the default LB FIREWALL POLICY

You must create a default load balancer firewall policy before you can enable the configured virtual balancer.

s104296: IP <ipadd> not allowed

You used an incorrect format when you specified an IP address. Re-enter the IP address.

s104297: Specified <string> is already set

The options entered with a SET command are already being used. The command has not modified any settings.

s104298: No other parameters can be given if parameter RESPOOL is specified

If you specify the RESPOOL parameter, you cannot specify any other parameters.

s104299: Parameter <string> is required if <string> is set to <string>

If SSL or SSLTORESOURCE is ON, TRUE or ENABLED, you must specify SSLKEY or SSLRESOURCEKEY.

s104300: Parameter <string> is invalid if <string> is set to <string>

If SSL or SSLTORESOURCE is set to OFF, FALSE or DISABLED, you cannot specify an SSLKEY or SSLRESOURCEKEY.

s104301: Parameter <string> must hold an identification number

You did not specify a valid private key for the SSLKEY or SSLRESOURCEKEY parameter. Enter a valid private key value.

s104302: For SSL virtual balancers all resources must have the same PORT as the virtual balancer public port.

All resources in a resource pool must have the same PUBLICPORT as the virtual balancer.

s104303: Value ALL|all not allowed for parameter RESOURCE|VIRTBALANCER

You cannot specify ALL for both the resource name and the virtual balancer name. Enter a unique name for one of these parameters.

s104304: Parameter(s) can only be SET if the redundancy protocol is disabled

You must disable redundancy before you can set any of the redundancy parameters.

s104305: <string> is already <string>

Redundancy or health pings have already been enabled or disabled.

s104306: All the parameters must be set before the redundancy protocol can be enabled for the first time

There are no defaults for the redundancy parameters. Enter a value for each parameter.

s104307: LB module can only be disabled if all virtual balancers are DOWN

You can only disable the load balancer module if all virtual balancers are disabled.

s104308: SSL feature licence required to enable security

You need a feature licence to enable SSL.

s104309: Policy <string> does not exist. Create one or supply a valid policy

The policy name supplied did not match a name in the policy list.

s104310: Policy can only be specified for an HTTP virtual balancer

You can only specify the POLICY parameter for HTTP type virtual balancers.

s104311: Policy must be specified for HTTP virtual balancers

You must specify the name of a firewall policy for HTTP virtual balancers.

s104312: A feature licence is required to use the Load Balancer

You need a feature licence to use the load balancer.

s104313: cannot enable HTTP virtual balancer FIREWALL POLICY does not have private and public interfaces

The firewall policy does not have a private and public interface. You must specify the private and public interfaces on the firewall policy before you can enable the virtual balancer.

s104314: cannot enable HTTP virtual balancer, no resource pool configured

The HTTP virtual balancer has not been enabled because it does not have a resource pool.

s104315: cannot create HTTP SSL virtual balancer, no resources present

You cannot create an HTTP SSL enabled virtual balancer if there are no ENCO SSL resources, such as encryption algorithms and hardware.

s110256–s110999: Voice over IP (VoIP)**s110257: Command cannot be executed**

This command cannot be executed by the VoIP PIC.

s110258: Command is rejected as firmware download is in progress

You cannot enter commands while the firmware is downloading.

s110259: No response is received from the PIC

A command was sent to the PIC but a response was not received, so the timer expired.

s110260: Command is rejected as firmware is not loading in the PIC

The wrong firmware has been loaded, so the command is invalid.

s110261: Specified boot code is not found

The boot code is not found in the router flash system.

s110262: No VoIP PIC is currently <status>

Indicates the current status of the VoIP PIC, such as enabled, detected, loaded with firmware.

s110263: Command <command> is not set

In order for the ENA VOIP command to be successful, three commands must be entered before the ENA VOIP command. They are SET VOIP BOOTCODE, SET VOIP FILE and SET VOIP PUBLIC.

s110264: All the VoIP PICs are already <status>

Indicates the current status of the VoIP PIC, such as enabled, detected, loaded with firmware.

s110265: VoIP PIC <PIC Card> is already enabled

The ENA VOIP PROTOCOL command fails when the VoIP PIC is already enabled.

s110266: VoIP PIC <PIC Card> is not enabled

Some of the commands require the PIC to be in an ENABLED state in order to proceed. For example, SET VOIP MASTER.

s110267: VoIP PIC <PIC Card> is already disabled

The ENA VOIP PROTOCOL command fails when the VoIP PIC is already enabled.

s110268: VoIP PIC <PIC Card> is already the MASTER

You are attempting to set a PIC that is already the MASTER PIC.

s110269: Interface <PIC Card is already <Status>

The specified interface (either the PIC instance or interface) has already been added or created.

s110270: Interface <PIC Card is not <Status>

The specified interface (either the PIC instance or interface) has not been added or created yet.

s110271: VoIP PIC <PIC Card> is not loaded with the <Firmware protocol>

The specified interface (with reference to the bay) was not loaded with the specified protocol.

s110272: Specified entry already exists

The specified H323 entry to be created already exists.

s110273: Specified entry does not exist

The specified H323 entry to be destroyed does not exist.

s110274: No interface with this gateway IP address is found

The specified H323 entry to be destroyed does not exist.

s110275: No other values are allowed if 'ALL' is specified

No other values are allowed if 'ALL' is specified.

s110276: Parameter <Parameter> only up to two <Item> can be given

Only up to two proxy or location servers OR gatekeepers can be given.

s110277: One or more parameters are required to be SET

There must be at least one parameter specified in the SET command, otherwise the command fails.

s110278: Parameter <Parameter>, the value must be within the range <range>

Some parameter's values depend on the value set by other parameters. For example, the value BUFFTHR must be within the range 0 and BUFFLEN.

s110279: Parameter <Parameter>, the <Value> must be EVEN

The value specified must be "EVEN", for example, the value required on the RTPPORT parameter must be EVEN.

s110280: VoIP PIC <PIC Card> is not loaded with any protocol

The specified interface (with reference to the bay) was not loaded with any protocol, therefore the PIC cannot be RESET.

s110281: Parameter <Parameter> and <Parameter> are mutually exclusive in this command

You may not enter these two parameters in the same command. They can only be defined one at a time.

s110282: VoIP PIC <Pic Card>: Firmware is loading...

The Firmware is now loading onto the PIC.

s110283: VoIP PIC <Pic Card>: Firmware successfully loaded

The Firmware is now loaded onto the PIC.

s110284: VoIP PIC <Pic Card>: Firmware failed to be loaded

The Firmware cannot be loaded due to a TFTP error.

s110285: VoIP PIC <Pic Card>: Firmware loading is terminated! Resume by using the ENABLE VOIP PROTOCOL command again

The Firmware cannot continue loading due to termination of the UART interface.

s110286: Reset VoIP PIC <PIC Card> because it failed to respond

The VoIP PIC has been reset because the PIC's software failed to refresh the watchdog timer.

s110287 : Message>"

Print out the error message returned by the PIC after executing a command. This is used especially when the router software did not check some of the parameters before sending the command to the PIC.

s110288: Parameter <Parameter>, value <Value> not allowed

The IP address cannot be 0.0.0.0.

s110289 : No multiple static entries with the same PHONENUMBER are allowed

You cannot have multiple static entries with the same PHONENUMBER.

s110290: The specified interface does not have a valid IP address

The interface in the SET VOIP PUB INT command does not have a valid IP address.

s110291 : VoIP PIC <PIC Card> is not disabled

Some commands require the PIC to be in DISABLED state in order to proceed. For example, SET VOIP PUBLIC INTERFACE

s110292 : VoIP PIC <PIC> Card: Firmware loading is terminated. No response is received from the PIC

The Firmware cannot continue loading because the PIC cannot be reset properly.

s110293: VoIP PIC <Pic Card>: Firmware is now running

The Firmware is now running on the VoIP PIC.

s110294: Specified PIC IP address is incompatible with gateway IP address

The specified IP address is not compatible with the gateway IP address. They must both be in the same Class C subnet.

s110295: Specified PIC IP address is already assigned to another PIC card
The specified IP address has been assigned to another PIC card.

s110296: The required firmware filename is not set
You must specify the correct filename depending on whether you are setting the FXS or FXO VoIP PIC, using the SET VOIP FI=filename PROTO=H323 | SIP | MGCP TY=FXS | FXO command.

s110297: Parameter <Parameter> invalid file type, should be <Type>
Currently only filenames with the .bin extension are supported by the VOIP PICs.

s112256–s112999: S/Key

s112256: Incorrect parameter combination. The correct command syntax is: <string>
When entering a command, an incorrect combination of parameters was supplied.

s112257: It is not advisable to use this command whilst remotely logged in
The SHOW SKEY command should never be used when remotely logged in. This is to prevent possible security breaches.

s112258: Failed to calculate OTP
An error was encountered whilst calculating the requested OTP.

s112259: The number of OTP's requested must not exceed the given sequence number
An error was encountered whilst calculating the requested OTP.

s112260: The password must be <string> characters long
An error was encountered whilst calculating the requested OTP.

s112261: The seed must contain only alpha-numeric characters
An error was encountered whilst calculating the requested OTP.

s113256–s113999: UPnP (Universal Plug and Play)

s113256: Enabling UPNP will allow Microsoft Windows XP PCs to access this device
When UPnP is enabled, Windows XP PCs can access the device using the Universal Plug and Play protocol.

s113257: UPNP is already enabled
UPnP is already enabled.

s113258: UPNP is already disabled
UPnP is already disabled.

s112259: This command requires the ACTION parameter to be specified
If the **disable upnp fwpolicy=name interface=interface action=action-name** command is run, the action parameter must be specified. **Disable upnp fwpolicy=name interface=interface** is not a valid command.

s112260: The UPnP module is not enabled
UPnP is currently disabled.

s112261: The ACTION given is not valid

The **action** given in either the **disable upnp fwpolicy=*name* interface=*interface* action=*action-name*** command or **enable upnp fwpolicy=*name* interface=*interface* action=*action-name*** command is not valid.

s112262: The ACTION given is already enabled

The **action** given in either the **disable upnp fwpolicy=*name* interface=*interface* action=*action-name*** command or **enable upnp fwpolicy=*name* interface=*interface* action=*action-name*** command is already enabled.

s112263: The ACTION given is already disabled

The **action** given in either the **disable upnp fwpolicy=*name* interface=*interface* action=*action-name*** command or **enable upnp fwpolicy=*name* interface=*interface* action=*action-name*** command is already disabled.

s112264: The INTERFACE given has no services (or actions)

The **interface** given in the **disable upnp fwpolicy=*name* interface=*interface* action=*action-name*** command or **enable upnp fwpolicy=*name* interface=*interface* action=*action-name*** command has no services.

s112265: The INTERFACE given is not valid

The **interface** given in the **disable upnp fwpolicy=*name* interface=*interface* action=*action-name*** command or **enable upnp fwpolicy=*name* interface=*interface* action=*action-name*** command does not exist or is not UPnP enabled.

s112266: This command requires the INTERFACE parameter to be specified

The **interface** parameter was not specified.

s112267: The firewall Policy <string> does not exist

The specified firewall policy does not exist.

s112268: The firewall Policy <string> is not enabled for upnp

The specified firewall policy is not UPnP enabled.

s112269: The operation failed to Complete

The operation failed to complete.

s112270: The <string> value not allowed on <string> parameter

The parameter value entered is invalid.

s117256–s117999: Dynamic Host Configuration Protocol version 6 (DHCP6)**s117256: Stub message**

Stub message explanation.

s117257: Invalid IP address <string>

The address entered on the command line was not a valid IPV6 address.

s117258: invalid prefix: <string>

The prefix value was not between 0 and 128, making the prefix invalid.

s117259: <string> not found

The specified object cannot be found.

s117260: Internal Error: <string>

An internal error has occurred. Please do not report this to your supplier.

s117261: <string> successfully updated

The update operation was successful. The specified object has been updated.

s117262: <string> successfully deleted

The deletion operation was successful. The specified object has been deleted.

s117263: <string> successfully added

The addition operation was successful. The specified object has been added.

s117264: <string> is already disabled

The function specified is already disabled.

s117265: <string> has been disabled

The specified option or feature has been disabled.

s117266: <string> is already enabled

The function specified is already enabled.

s117267: <string> has been enabled

The specified option or feature has been enabled.

s117268: Must specify <string>

A parameter that must be specified has not been specified.

s117269: <string> already exists

The specified object already exists.

s117270: The given range of IP addresses overlap with <string>

The given range of IP addresses overlap with an existing range. Redefine the range so it does not overlap.

s117271: The entry found is not a server entry

The server found was not a server entry. Only a server entry can be deleted

s117272: The given IP address is not in the given range

The given IP is not in the IP address range of the specified range.

s117273: Policy <string> is still in use

The given policy cannot be destroyed as a host is still using it.

s117274: Range <string> is still in use

The given range cannot be destroyed as a host is still using it.

s117275: Different prefix lengths entered

When entering a range of IPV6 prefixes, the second prefix has a different length.

s117276: Upper bound prefix not defined

When entering a range of IPV6 prefixes, the second prefix has a different length.

s117277: Upper-bound prefix is smaller than lower-bound prefix

When entering a range of IPV6 prefixes, the second prefix has a different length.

s117278: Invalid ClientID <string>

The client ID was not a hex value string or MAC address, making it invalid.

s117279: Invalid IAID <string>

The IA ID was not a hex value string.

s117280: Invalid Key Type

The key chosen is invalid.

s117281: The number of PD Apply Interface specified exceeded allowed maximum

The number of apply interface specified has been exceeded.

s117282: Duplicate apply interfaces not allowed

A duplicate interface entry has been found.

s117283: <number> is invalid

A duplicate interface entry has been found.

s118256–s118999: Port Authentication**s118256: Incorrect parameter combination**

When entering a command, an incorrect combination of parameters was supplied. Re-enter the command using the command syntax displayed on screen, or consult the Software Reference Manual.

s118257: Multiple supplicants defined for this port

Multi-supPLICANT instances are defined on this port.

s118258: The <string> parameter is only valid on multi-supPLICANT ports

The DEFAULT parameter is only used on a multi-supPLICANT port.

s118259: Authenticated supplicants must be removed

SupPLICANTS are currently authenticated on this port and must be removed before proceeding.

s118260: Port currently in SUPPLICANT mode. This command requires the port to be acting in AUTHENTICATOR mode

The port is currently set as a supPLICANT, but this command requires the port to be an authenticator.

s118261: Port authentication cannot be enabled on a multiple VLAN port

The port is currently set as a supPLICANT, but this command requires the port to be an authenticator.

s118262: Port authentication cannot be enabled on an STP port

The port is currently set as a supPLICANT, but this command requires the port to be an authenticator.

s118263: Port authentication <string> password must be at least <number> characters long

OTP password must be at least 10 characters long.

s118264: Port status must be up to allow the AUTHENTICATOR port to reauthenticate

Port must be up to reauthenticate.

s118265: A specified instance is either not authenticated or is not under port authentication control and therefore cannot be reauthenticated

Port must already be authenticated to reauthenticate.

s118266: PORTAUTH cannot be enabled on a port with active LEARNING or RELEARNING

Port must already be authenticated to reauthenticate.

s118267: The PIGGYBACK parameter cannot be used with a multiple instance port

Piggyback not used with multi-instances.

s118268: PASSWORD and USERNAME must be specified when the password method is set to OTP

Password and username must be used when OTP is specified.

s118269: Encryption type can only be used when password method is OTP

Encryption type can only be specified if password method is OTP.

s118270: Both PASSWORD and USERNAME must be cleared together

Password and username must both be cleared at the same time.

s118271: PASSWORD and USERNAME must be set to blank together

Password and username must both be present.

s118272: Parameter <string> is not specified or contains an invalid value

An incorrect parameter value has been added.

s118273: PORTAUTH cannot be enabled on a port which is a trunk member

An attempt has been made to enable port authentication on an aggregated port.

s118274: No matching port authentication instances were found

The user attempted a port authentication operation on an invalid port.

s118275: <string> already exists. <string>

The specified object already exists. You must use the set command to alter this object.

s118276: Multi-supPLICANT authenticators cannot be set with TYPE=BOTH

Type=both cannot be specified for the commands enable portauth port and set portauth port in a multi-supPLICANT configuration.

s118277: SUPPLICANTMAC parameter is invalid for a single PAE

The supplicantmac parameter cannot be specified for a single Port Access Entity (PAE).

s118278: Maximum number of supplicants able to be attached to this port is <number>

The supplicantmac parameter cannot be specified for a single Port Access Entity (PAE).

s118279: Piggybacking cannot be disabled on VLAN ports on this device

An attempt was made to disabled piggybacking on a VLAN port, but piggybacking can only be disabled on Ethernet interfaces on this device.

s118280: VLAN ports must use SINGLE mode on this device

An attempt was made to set a VLAN port to multi-mode, but multi-mode is only valid for Ethernet interfaces on this device.

s118281: This device does not support 802.1X on the VLAN ports

An attempt was made to configure 802.1x on a VLAN port, but 802.1x is only supported on Ethernet ports on this device.

s121256–s121999: Asymmetric Digital Subscriber Line (ADSL)**s121257: ADSL is not available on this product**

There is no hardware to support ADSL on the router.

s121258: ADSL interface <number> is not valid

The parameter specified is not a valid ADSL instance. To see a list of valid interfaces, enter the command **show adsl**. Re-enter the command with a valid interface.

s121259: ADSL interface <number> cannot be set as the interface is enabled

The interface needs to be disabled before any parameters can be set on the interface. To disable the interface, enter the command **disable adsl**.

s121260: Require parameter <string>

The specified parameter is required.

s121261: BERT is only allowed in Digital or Analog loopback mode

BERT is only allowed in Digital or Analog loopback mode.

s121262: Only one of <string> allowed

Only one of the specified parameters or values can be specified. Re-enter the command with only one of the list.

s121263: Must specify ADSL instance when using <string>

This parameter requires a specific ADSL interface number.

s121264: <string> is currently not supported on this product

The specified feature is not supported on the router.

s123256–s123999: Software Quality of Service**s123256: Out of memory**

The router has insufficient available memory to perform the desired action. You may be able to make more memory available by deleting obsolete classifiers or DAR objects, for example.

s123257: <string> <number> already exists

An item already exists with that ID number. Re-enter the command using another ID number. Note that the ID numbers of traffic classes and classifiers determine the order in which classifiers are checked. The router first checks the lowest-numbered classifier within the lowest-numbered traffic class.

s123258: <string> <number> already exists

An item with that ID number has already been added. Re-enter the command using another ID number.

s123259: <string> <number> is referenced by other objects and cannot be destroyed

You cannot destroy the specified item because another item is using it. First use a **delete sqos** command to disassociate the two items.

s123260: There is not enough space to create <number> new <string>(s) - the limit is <number>

You cannot create the specified number of items because that would exceed the router's limit. Delete obsolete items and re-enter the command, or re-enter the command specifying fewer items.

s123261: There is not enough space to add <number> <string>(s) - the limit is <number>

You cannot add the specified number of items because that would exceed the router's limit. Delete obsolete items and re-enter the command, or re-enter the command specifying fewer items.

s123262: <string> is not a valid range, there are incorrect digits

You have specified invalid characters. Re-enter the command using only a valid number or range.

s123263: <number>-<number> is not a valid range

The specified range is invalid. Re-enter the command using a valid range.

s123264: <string> is not a valid interface name

The specified interface name is invalid. To see a list of current valid Layer 1 and 2 interfaces, use the [show interface command on page 7-66 of Chapter 7, Interfaces](#).

s123265: Policy <number> does not exist

You have tried to use a non-existent policy. Either create the policy and then re-enter the command, or re-enter the command using the number of an existing policy. To see a list of policies, use the command **show sqos policy**.

s123266: Traffic Class <number> does not exist

You have tried to use a non-existent traffic class. Either create the traffic class and then re-enter the command, or re-enter the command using the number of an existing traffic class. To see a list of traffic classes, use the command **show sqos trafficclass**.

s123267: Meter <number> does not exist

You have tried to use a non-existent meter. Either create the meter and then re-enter the command, or re-enter the command using the number of an existing meter. To see a list of meters, use the command **show sqos meter**.

s123268: RED Curve <number> does not exist

You have tried to use a non-existent RED curve. Either create the RED curve and then re-enter the command, or re-enter the command using the number of an existing RED Curve. To see a list of RED curves, use the command **show sqos red**.

s123269: DSCP Map <number> does not exist

You have tried to use a non-existent DSCP map. Either create the DSCP map and then re-enter the command, or re-enter the command using the number of an existing DSCP map. To see a list of DSCP maps, use the command **show sqos dscpmap**.

s123270: DAR Object <number> does not exist

You have tried to use a non-existent DAR object. Either create the DAR object and then re-enter the command, or re-enter the command using the number of an existing DAR object. To see a list of DAR object, use the command **show sqos dar**.

s123271: Classifier <number> does not exist

You have tried to use a non-existent classifier. Either create the classifier and then re-enter the command, or re-enter the command using the number of an existing classifier. To see a list of classifiers, use the command **show classifier**.

s123272: Only one of the burstsize parameters can be zero for SRTCM

Only one of the burst size parameters can be zero for a Single Rate Two Colour Meter marker. Re-enter the command with a non-zero value on one or both of **minburstsize** and **maxburstsize**.

s123273: PREMARKDSCP=USEDSCP and PREMARKBWCL=1-3 is not allowed.

You cannot specify both **premarkdscp=usedscpmap** and **premarkbwclass=1..3** at the same time. If you need to use a DSCP map to premark the DSCP, you must also use the DSCP map to premark the bandwidth class.

s123274: IPv4 and IPv6 Addresses cannot be mixed

You cannot specify both IPv4 and IPv6 addresses in the same DAR object. Re-enter the command using either IPv4 or IPv6 addresses.

s123275: <string> cannot be greater than <string>

The first value must be less than or equal to the second value. Re-enter the command using correct values.

s123276: Traffic Class <number> has an invalid weight for use as a Default Traffic Class. The acceptable weight range is <number>-<number>.

You have specified a traffic class as the default traffic class, but its weight is too great. Either modify the traffic class to give it a valid weight, or use another traffic class as the default traffic class.

s123277: Traffic Class <number> already has SubClasses

You cannot attach the traffic class to a policy or another traffic class, because the traffic class has subclasses attached to it. Use the command **delete sqos trafficclass=id subclass=id-list** to remove the subclasses, then re-enter the command.

s123278: Traffic Class <number> is already attached

The specified traffic class is already attached to a policy or traffic class. To see where the traffic class is used, use the command **show sqos trafficclass=id**.

s123279: Traffic Class <number> is the default TC, and cannot have Classifiers or DAR objects

You cannot attach classifiers or DAR objects to the default traffic class because the default traffic class is intended to process unclassified traffic. To stop using the traffic class as the default, use the command **set sqos policy=id-list defaulttrafficclass={0..9999 | none}**.

s123280: Traffic Class <number> is not a SubClass of that Policy or Traffic Class

You have specified a policy or traffic class that the traffic class is not attached to. To see where the traffic class is used, use the command **show sqos trafficclass=id**.

s123281: Traffic Class <number> must be attached to a Policy or Traffic Class

The traffic class must be attached to a policy or traffic class before you can perform this action. Use the commands **add sqos policy=*id* trafficclass=*id*** or **add sqos trafficclass=*id* subclass=*id*** to attach it.

s123282: Traffic Class <number> is the default traffic class and can't have SubClasses

You cannot attach subclasses to the default traffic class because the default traffic class is intended to process unclassified traffic. To stop using the traffic class as the default, use the command **set sqos policy=*id-list* defaulttrafficclass={0..9999 | none}**.

s123283: Traffic Class <number> has a RED Curve and can't have SubClasses

You can only use RED curves on leaf traffic classes because these are the classes that have queues. If you want to make the traffic class into a leaf class, use the command **delete sqos trafficclass=*id* subclass=*id-list*** to remove the subclasses.

s123284: Traffic Class <number> has classifiers and can't have SubClasses

You can only use classifiers on leaf traffic classes because these are the classes that traffic is initially sorted into. If you want to add subclasses to the traffic class, use the command **delete sqos trafficclass=*id* classifier=*id-list*** to remove the classifiers first.

s123285: Traffic Class <number> has DAR objects and can't have SubClasses

You can only use DAR objects on leaf traffic classes because these are the classes that traffic is initially sorted into. If you want to add subclasses to the traffic class, use the command **delete sqos trafficclass=*id* dar=*id-list*** to remove the DAR objects first.

s123286: Traffic Class <number> is already at the maximum nesting level of <number>

Traffic class trees can only contain <number> levels attached to the internal root traffic class.

s123287: Traffic Class <number> is already at the maximum nesting level of <number>

Traffic class trees can only contain <number> levels attached to the internal root traffic class.

s123288: <string> has too many numbers in its list

You have specified too many items in the list. Re-enter the command with fewer items.

s123289: <string> <number> is not valid for ingress

You cannot use this item in an ingress policy. For example, software QoS can only classify packets by VLAN priority, DSCP or TOS on ingress.

s123290: <string> <number> is not valid for egress

You cannot use this item in an egress policy.

s123291: <string> <number> is not valid for tunnel

You cannot use this item in a tunnel policy. For example, software QoS cannot classify packets by layer 2 features if the packets pass through a tunnel.

s123292: <string> <number> is duplicated in the object list

You have specified the item twice. Re-enter the command, specifying the item only once.

s123293: There must be exactly one value on <string>

You have specified multiple values for the item. Re-enter the command, specifying only one value.

s123294: There were no <string> objects to delete

The router could not delete any items because no items of that type exist.

s123295: A default Traffic Class can't have a priority

The default traffic class must be a weighted traffic class, not a priority-based traffic class. Re-enter the command, specifying the desired weight. The combined weight for all the traffic classes that process classified traffic will be $100 - \text{SystemClassWeight} - \text{DefaultClassWeight}$ and the default system class weight is 20.

s123296: Parameter MINBANDWIDTH can't be set with TYPE=SRTCM

The `minbandwidth` parameter is not used by a Single Rate Two Colour Meter marker. To specify a minimum bandwidth, create a two rate meter using `type=trtcm`.

s123297: Parameter <string> or <string> required but not seen in command line

The parameters you have entered are only valid if one of these other parameters are also specified. Re-enter the command using a correct combination.

s123298: Parameter <string>, <string> or <string> required but not seen in command line

The parameters you have entered are only valid if one of these other parameters are also specified. Re-enter the command using a correct combination.

s123299: Parameter <string>, <string>, <string> or <string> required but not seen in command line

The parameters you have entered are only valid if one of these other parameters are also specified. Re-enter the command using a correct combination.

\$124275: <MSTP is not supported on this device

