



Premier Wave XC Intelligent Gateway Command Reference

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Revision History

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1: About This Guide

This guide describes how to configure the PremierWave XC intelligent gateway using the Command Line Interface (CLI) and/or Extensible Markup Language (XML). CLI provides an interactive mode for accessing the device configuration and management interface. It is most suited for system and network administrators comfortable with using similar interfaces on Enterprise IT and Networking products. It is also helpful as a quick tool for access via the product's serial ports or console/management ports.

XML provides an extensible mode for software developers interfacing with the device and system integrators performing batch provisioning/updates.

Chapter Summaries

This table lists and summarizes content of each chapter.

Chapter	Summary
Chapter 2: Overview	Gives an overview of CLI and XML.
Chapter 3: Command Line Interface	Lists commands and describes how to use CLI to configure the PremierWave XC device.
Chapter 4: Configuration Using XML	Lists XCR groups and items and describes how to use XCRs to configure the PremierWave XC device.
Chapter 5: Commands and Levels	Provides an index of the CLI Command Hierarchy with hyperlinks to the corresponding command details.

Conventions

The table below lists and describes the conventions used in this book.

Convention	Description	
Bold text	Default parameters.	
Italic text	Required values for parameters	
Brackets []	Optional parameters.	
Angle Brackets < >	Possible values for parameters.	
Pipe	Choice of parameters.	
Warning	Warning: Means that you are in a situation that could cause equipment damage or bodily injury. Before you work on any equipment, you must be aware of the hazards involved with electrical circuitry and familiar with standard practices for preventing accidents.	
Note	Note: Means take notice. Notes contain helpful suggestions, information, or references to material not covered in the publication.	
Caution	Caution: Means you might do something that could result in faulty equipment operation, or loss of data.	
Screen Font (Courier New)	CLI terminal sessions and examples of CLI input.	

Additional Documentation

Visit the Lantronix website at www.lantronix.com/support/documentation for the latest documentation and the following additional documentation.

Document	Description
PremierWave XC Intelligent Gateway User Guide	Describes how to configure and use the PremierWave XC device.
PremierWave XC Quick Start Guide	Instructions for getting the PremierWave XC up and running.
Com Port Redirector Quick Start and Online Help	Instructions for using the Lantronix Windows-based utility to create virtual com ports.
DeviceInstaller Online Help	Instructions for using the Lantronix Windows-based utility to locate the PremierWave XC device and to view its current settings.

2: Overview

PremierWave XC intelligent gateway supports three convenient configuration methods: Web Manager, Command Line Interface (CLI) and Extensible Markup Language (XML). For more information about the Web Manager, see the *PremierWave XC Intelligent Gateway User Guide* on the Lantronix website.

XML Architecture and Device Control

XML is a fundamental building block for the future growth of Machine-to-Machine (M2M) networks. PremierWave XC device supports XML configuration records that make configuring the intelligent gateway easy for users and administrators. XML configuration records are easy to edit with a standard text editor or an XML editor.

For a brief overview of XML, see *Chapter 4: Configuration Using XML*. It provides rules on basic XML syntax, a guide to the specific XML tags used, and a guide to using XML configuration records.

Command Line Interface

Making the edge-to-enterprise vision a reality, the PremierWave XC intelligent gateway uses industry-standard tools for configuration, communication, and control. For example, the PremierWave XC device uses a command line interface (CLI) whose syntax is very similar to that used by data center equipment such as routers and hubs.

For details of the CLI, see *Chapter 5: Commands and Levels*. It provides an index of the CLI Command Hierarchy with links to the corresponding command details. The CLI provides commands for configuring, monitoring, and controlling the intelligent gateway.

3: Command Line Interface

This chapter describes accessing the PremierWave XC intelligent gateway by using Telnet, SSH, or USB serial ports to configure the device, navigating the Command Line Interface (CLI), typing keyboard shortcuts, and moving between the levels.

It contains the following sections:

- Configuration Using Telnet
- Configuration Using Serials
- Navigating the CLI Hierarchy
- Using Keyboard Shortcuts and CLI
- Understanding the CLI Level Hierarchy

Refer to *Chapter 5: Commands and Levels* for a complete list of levels, commands, and descriptions.

Configuration Using Telnet

To access and configure the intelligent gateway by using a Telnet session over the network, you must first establish a Telnet connection. You can also establish a Telnet connection by clicking the Telnet Configuration tab in the DeviceInstaller utility. See the DeviceInstaller Online Help for more information, available on our website www.lantronix.com/support/downloads.

To access the PremierWave XC intelligent gateway by using Telnet, perform the following steps.

- 1. Click **Start > Run**. The Run dialog box displays.
- 2. Type cmd in the dialog box and press **OK**.
- 3. Type telnet x.x.x.x (x.x.x is the IP address) in a Windows/Linux command prompt. The PremierWave XC device is online when the command prompt (>) displays. You are at the root level of the CLI.

Note: Depending on the level of security, a password may be required.

Configuration Using Serials

Serial Command Mode

The serial port can be configured to operate in command mode permanently or to be triggered under specified conditions. See the line line> Level command description for more information.

Intelligent Gateway Serial Recovery

Serial Recovery mode will temporarily override the line and tunnel settings for the serial line to allow configuration changes to be made. The line and tunnel settings will be restored once the user exits the Serial Recovery mode CLI.

To configure the Lantronix locally using a serial port:

- 1. Connect a terminal or a PC running a terminal emulation program to one of the 's serial ports.
- 2. Configure the terminal to the following settings:
 - 9600 baud
 - 8-bit
 - No parity
 - 1 stop bit
 - No flow control.
- Power off the device.
- 4. Press and hold down the exclamation point (!) key.
- 5. Power on the device. After about 1 seconds, the exclamation point will display on the terminal or PC screen.
- 6. Type xyz within 5 seconds to display the CLI prompt.

Navigating the CLI Hierarchy

The CLI is organized into a hierarchy of levels. Each level has a group of commands for a specific purpose. For example, to configure a setting for the FTP server, one would navigate to the FTP level, which is under the configuration level.

- To move to a different level—Enter the name of the level from within its parent level. For example, to enter the tunnel level, type tunnel <number> at the enable prompt. This displays: <enable> tunnel <number>#.
- To exit and return to one level higher—Type exit and press the **Enter** key. Typing exit at the login level or the enable level will close the CLI session. If Line Command Mode is specified as Always, a new session starts immediately.
- To view the current configuration at any level—Type show.
- To view the list of commands available at the current level—Type the question mark "?". Items within < > (e.g. <string>) are required parameters.
- To view the available commands and explanations—Type the asterisk (*).
- ◆ To view the list of commands available for a partial command—Type the partial command followed by the question mark "?". For example: <tunnel-1>#show? displays a list of all show commands at the tunnel level.
- To view available commands and their explanations for a partial command—Type the partial command followed by the asterisk (*). For example: <tunnel-1>#show* displays a list of all show commands and descriptions at the tunnel level.
- To view the last 20 commands entered at the CLI—Type show history.

Using Keyboard Shortcuts and CLI

One useful shortcut built into PremierWave XC intelligent gateway is that the complete text of a command does not have to be entered to issue a command. Typing just enough characters to uniquely identify a command, then hitting enter, can be used as a short cut for a command. For example, at the enable level, "sh" can be used for the "show" command.

Tab Completion is also available using the **Tab** and **Enter** keys on the keyboard. Typing the first few characters of a command, then hitting the **Tab** key displays the first command that begins with those characters. Hitting the **Tab** key again displays the next command that begins with the original characters typed. You can press **Enter** to execute the command or you can backspace to edit any parameters.

The following key combinations are allowed when configuring the intelligent gateway using the CLI:

Key Combination	Description
Ctrl + a	Places cursor at the beginning of a line
Ctrl + b	Backspaces one character
Ctrl + d	Deletes one character
Ctrl + e	Places cursor at the end of the line
Ctrl + f	Moves cursor forward one character
Ctrl + k	Deletes from the current position to the end of the line
Ctrl + I	Redraws the command line
Ctrl + n	Displays the next line in the history
Ctrl + p	Displays the previous line in the history
Ctrl + u	Deletes entire line and places cursor at start of prompt
Ctrl + w	Deletes one word back
Ctrl + z	Exits the current CLI level
Esc + b	Moves cursor back one word
Esc + f	Moves cursor forward one word

Table 3-1 Keyboard Shortcuts

Understanding the CLI Level Hierarchy

The CLI hierarchy is a series of levels. Arranging commands in a hierarchy of levels provides a way to organize and group similar commands, provide different levels of security, and reduce the complexity and number commands and options presented to a user at one time.

When you start a command line session, you begin at the login level. This level can be password protected and provides access to high level status, a few diagnostic commands, and the enable level. Further device information and configuration are accessed via the enable level.

The enable level can also be password protected and is the gateway to full configuration and management of the intelligent gateway. There are commands for gathering and effecting all elements of device status and configuration, as well as commands that take you to additional levels. For instance, tunnel specific status and configuration is found under the "tunnel" level, and network specific status and configuration commands are found under the "configuration" level.

An overview of the levels in the PremierWave XC intelligent gateway is presented in *Figure 3-2 CLI Level Hierarchy* below.

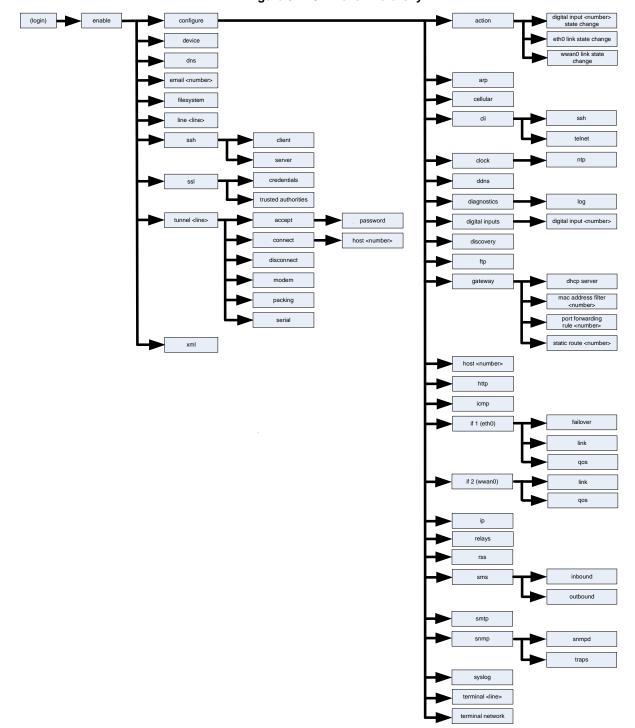


Figure 3-2 CLI Level Hierarchy

Commands at the login level (see *Figure 3-3 Login Level Commands* below) do not affect current configuration settings and are not displayed initially. If you type ?, you will see the login subcommands. These commands provide diagnostic and status information only.

Figure 3-3 Login Level Commands

Note: To configure the PremierWave XC intelligent gateway, you must be in the enable level and any of its sub-levels. Figure 3-4 below shows the enable level commands.

Figure 3-4 Enable Level Commands

```
>enable
(enable)#?
auto show interfaces
                                                         auto show processes
clrscrn
                                                         configure
                                                         connect line <line>
connect
device
                                                         disable
dns
                                                         email <number>
exit
                                                         filesystem
iperf <params>
                                                        kill ssh <session>
kill telnet <session>
                                                         line <line>
ping <host>
                                                        ping <host> <count>
ping <host> <count> <timeout>
                                                        reload
reload factory defaults
                                                         show
                                                         show interfaces
show history
show ip sockets
                                                         show processes
show sessions
ssh <optClientUsername> <host>
                                                         ssh <optClientUsername> <host>
<port>
                                                         telnet <host>
ssl
telnet <host> <port>
                                                         trace route <host>
trace route <host>                                                                                                                                                                                                                                                                                                                                                  
                                                         tunnel <line>
write
                                                         xml
(enable)#
```

See the *Chapter 5: Commands and Levels* at the end of this document for a complete list of levels, commands, and descriptions.

4: Configuration Using XML

The PremierWave XC intelligent gateway provides an Extensible Markup Language (XML) interface that you can use to configure PremierWave XC devices. Every configuration setting that can be issued from the intelligent gateway Web Manager and CLI can be specified using XML.

The intelligent gateway can import and export configuration settings as an XML document known as an XML Configuration Record (XCR). An XCR can be imported or exported via the CLI, a Web browser, FTP, or the PremierWave XC filesystem. An XCR can contain many configuration settings or just a few. For example, it might change all of the configurable parameters for a intelligent gateway, or it may only change the baud rate for a single serial line. Using XCRs is a straightforward and flexible way to manage the configuration of multiple PremierWave XC devices.

XML Configuration Record Document Type Definition

An XML document type definition (DTD) is a description of the structure and content of an XML document. It verifies that a document is valid. XCRs are exported using the DTD as shown in *Figure 4-1 DTD for XCRs*.

Figure 4-1 DTD for XCRs

```
<!DOCTYPE configrecord [
<!ELEMENT configrecord (configgroup+)>
<!ELEMENT configgroup (configitem+,configgroup*)>
<!ELEMENT configitem (value+)>
<!ELEMENT value (#PCDATA)>
<!ATTLIST configrecord version CDATA #IMPLIED>
<!ATTLIST configgroup name CDATA #IMPLIED>
<!ATTLIST configgroup instance CDATA #IMPLIED>
<!ATTLIST configitem name CDATA #IMPLIED>
<!ATTLIST value name CDATA #IMPLIED>
<!ATTLIST value name CDATA #IMPLIED>
]>
```

The PremierWave device DTD rules state the following:

- The XML document element is a <configrecord> element. This is the root element.
- A <configrecord> must have one or more <configgroup> elements and can have a version attribute.
- A <configgroup> must have one or more <configitem> elements and can have name and instance attributes.
- A <configitem> element must have one or more <value> elements and can have a name attribute.
- A <value> element can have only data and can have a name attribute.
- The name attribute identifies a group, item, or value. It is always a quoted string.
- The instance attribute identifies the specific option, like the serial port number. The "instance" attribute is always a quoted string.

Note:

- The name for each <configgroup> (specified with the name attribute) is the group name listed in the Web Manager XCR groups or with the "xcr list" CLI command. See the PremierWave XC Intelligent Gateway User Guide for more information about the XCR groups.
- An empty or missing <value> element in each present <configgroup> clears the setting to its default.

Quick Tour of XML Syntax

Declaration

The first line, <?xml version="1.0" standalone="yes"?>, is called the XML declaration. It is required and indicates the XML version in use (normally version 1.0). The remainder of the file consists of nested XML elements, some of which have attributes and content.

Element Start and End Tags

An element typically consists of two tags: start tag and an end tag that surrounds text and other elements (element content). The start tag consists of a name surrounded by angle brackets, for example <configrecord>. The end tag consists of the same name surrounded by angle brackets, but with a forward slash preceding the name, for example </configrecord>. The element content can also contain other "child" elements.

Element Attributes

The XML element attributes that are name-value pairs included in the start tag after the element name. The values must always be quoted, using single or double quotes. Each attribute name should appear only once in an element.

Figure 4-2 shows an XML example which consists of a declaration (first line), nested elements with attributes and content.

Figure 4-2 XML Example

The PremierWave XC device uses the attributes in the following subsections to label the group configuration settings.

Record, Group, Item, and Value Tags

A <configgroup> is a logical grouping of configuration parameters and must contain one or more <configitem> elements. It must have a name attribute and may have an instance attribute.

A <configitem> is a specific grouping of configuration parameters relevant to its parent group. An item takes the name attribute and must contain one or more value elements. For example, the line group might have parameters such as baud rate, data bits, and parity.

A value may specify the value of a configuration parameter. It may contain the name attribute. In this example, avalue of 9600 might be specified for baud rate; 7 may be specified for data bits, and even may be specified for parity

A name attribute identifies the group, item, or value. It is always quoted (as are all XML attributes). For example, a group that contains serial port parameters has the name "line"

An instance attribute identifies which of several instances is being addressed. It is always quoted. For example, the serial port name (in the line configgroup) has the instance "1" to indicate serial port 1 or "2" to specify serial port 2

The following figures show examples of XML configuration records and the use of the <configrecord>, <configroup>, <configitem>, and <value> XML elements.

Figure 4-3 XML Example

Figure 4-4 XML Example of Multiple Named Values

Figure 4-5 XML Example of Multiple Items

```
<configgroup name="ssh server">
      <configitem name="host rsa keys">
        <value name="public key"/>
        <value name="private key"/>
  </configitem>
      <configitem name="host dsa keys">
        <value name="public key"/>
        <value name="private key"/>
  </configitem>
      <configitem name="delete authorized users">
       <value>disable</value>
  </configitem>
      <configitem name="authorized user delete">
       <value name="name"/>
  </configitem>
      <configitem name="authorized user" instance="">
       <value name="password"/>
       <value name="public rsa key"/>
       <value name="public dsa key"/>
  </configitem>
</configgroup>
```

Figure 4-6 XML Example with Multiple Groups

Importing and Exporting an XML Configuration File

An XCR can be imported or exported using the following methods:

- Filesystem-XCRs can be saved to the intelligent gateway file system and imported or accessed as needed. See Best Practices on page 18 or the Filesystem Browser section in the PremierWave XC Intelligent Gateway User Guide.
- CLI-XCRs can be imported (captured) or exported (dumped) directly to a Telnet, SSH, or serial line CLI session. Capturing an XCR can be started by pasting a valid XCR directly into the CLI prompt. PremierWave XC intelligent gateway immediately processes the configuration record, changing any settings specified. This can be done on any level, including the root. Special tags in the XML allow for providing root and enable level passwords so that this can also be done at the password prompt.
- Web browser-Web Manager can be used to import and export an XCR to the intelligent gateway file system. It can also be used to import an XCR from an external source such as your local hard drive.
- FTP-The intelligent gateway FTP server can export and import XCRs when an FTP get or put command on the filename (pwxc.xcr for export, pwxc_import.xcr for import; both are under the pwxc directory) is requested. On export (FTP get of pwxc.xcr), the FTP server obtains the current XCR from the PremierWave XC device and sends it as a file. On import (FTP put of pwxc_import.xcr), the FTP server processes the file by sending it directly to the XML engine. In both cases the intelligent gateway filesystem is not accessed. The files pwxc.xcr and pwxc_import.xcr are not read from or written to the file system. See FTP in the PremierWave XC Intelligent Gateway User Guide.

Best Practices

You can import or export an entire XCR, or just a portion of it, by specifying the group name and/or group instances. In the examples below, import and export operations are performed from the CLI on the local filesystem and require a XCR on the local filesystem. The Web Manager provides the same functionality.

Caution:

Using Microsoft Word to edit and save an XCR will change the format of the file and make it incompatible with PremierWave XC intelligent gateway. This is true even if the file is saved as Plain Text (.txt) or an XML Document (.xml). Notepad, a third party text editor, or a specialized XML editor should be used instead.

Importing

The following syntax can be used to import configurations from a file:

```
xcr import <file>
xcr import <file> <groups and/or group:instances>
```

The first line imports all groups specified in the XML config record named in <file>. Any filename is valid, and the file name and extension are not important.

In the second line:

- Instance follows group with a colon (see the third example on the next page).
- Multiple groups are separated with a comma.

- Any white space requires the list of groups to be quoted.
- Only the named groups get imported, even if the XCR contains additional XCR groups.

The following syntax can be used to export configurations to a file on the intelligent gateway's file system:

```
xcr export <file>
xcr export <file> <groups and/or group:instances>
```

The same guidelines above regarding importing configurations also apply to exporting configurations. If no groups are specified, then the export command will export all configuration settings to the file. If instances are specified after the groups, only those group instances are written. If no instance is specified, all instances of that group are written.

Exporting

The following example exports only the accept mode tunneling settings for line 1 to the file "tunnel_1.xcr" on the intelligent gateway filesystem:

```
xcr export tunnel 1.xcr "tunnel accept:1"
```

The following example exports only the connectmode tunneling settings for all ports to the file "tunnel all.xcr" on the PremierWave XC filesystem:

```
xcr export tunnel all.xcr "tunnel connect"
```

The following example imports only the settings for line2 from an XCR named "factory_config.xcr" on the intelligent gateway filesystem. If "factory_config.xcr" has other configuration settings, they are ignored:

```
xcr import factory config.xcr "line:2"
```

The following example imports only line settings for all ports from a configuration record on the PremierWave XC filesystem named "foobar.xcr":

```
xcr import foobar.xcr "line"
```

To import only disconnect mode tunnel settings for port 1 and all serial line tunnel settings for port 2 from an XML configuration record named "production.xcr" that contains these settings (and possibly more), issue the following command:

```
xcr import production.xcr "tunnel disconnect:1"
```

The following example imports all tunneling settings and line settings for all serial ports from a file named xcr_file:

```
xcr import xcr_file "tunnel accept, tunnel connect, tunnel
disconnect, tunnel modem, tunnel packing, tunnel serial, tunnel
start, tunnel stop, line"
```

The following example exports only accept mode tunneling settings on serial port 1, and line settings on serial port 2 to a file named tunnel_config_t1_l2.xcr on the intelligent gateway filesystem.

```
xcr export tunnel config t1 l2.xcr "tunnel accept:1, line:2"
```

The following example exports connect mode tunneling and line settings for all ports to the file tunnel config.xcr on the PremierWave XC filesystem:

```
xcr export tunnel config.xcr "tunnel, line"
```

XML Configuration Groups

Table 4-7 lists the PremierWave XC intelligent gateway XCR groups in alphabetical order. This table indicates the various group items, as well as some possible value names and options.

Note: Any instance of **<** in the table may be read as "less than" and any instance of **>** may be read as "greater than".

Table 4-7 XCR Groups

Group Name	Group Item	Value Name	Value Options	Additional Information
action	delay			
("Instance" attribute is "digital input 1	email	alarm email	none, email <number></number>	Default: none
state change", "digital input 2 state		alarm message	<none>,</none>	
change", "eth0 link state change" or		alarm reminder interval	<none>,</none>	Default: none
"wwan0 link state change")		normal email	none, email <number></number>	Default: none
		normal message	<none>,</none>	
		normal reminder interval	<none>,</none>	
	ftp put	connection <number> filename</number>		Default: data.txt
		connection < number > host		
		connection <number> password</number>		Default: anonymous@device.c om
		connection < number > port		Default: 21
		connection <number> protocol</number>	ftp, ftps	Default: ftp
		connection < number > username		Default: anonymous
		mode	sequential, simultaneous	Default: simultaneous
		reminder interval	<none>,</none>	Default: none

Group Name (continued)	Group Item	Value Name	Value Options	Additional Information
action (continued)	http post	connection < number > host		
		connection < number > password		
		connection < number > port		Default: 80
		connection < number > protocol	http, https	Default: http
		connection < number > url		
		connection < number > username		
		mode	sequential, simultaneous	Default: simultaneous
		reminder interval	<none>,</none>	Default: none
	gprs roaming	state		
	relay*	alarm energize	none, relay <number></number>	Default: none
	send sms	recipient		
		reminder interval		
		alarm message		
		normal message		
	snmp trap	reminder interval	<none>,</none>	Default: none
		state	enable, disable	Default: disable
		alarm message		
		normal message		
arp	arp delete	ip address		Remove an entry from the ARP table. Specify the entry by its IP address.
	arp entry	ip address		
		mac address		
cellular	pin			
	pin lock		enable, disable	
	puk			
	gsm-900		enable, disable	default: enable
	gsm-1800		enable, disable	default: enable
	gsm-850		enable, disable	default: enable
	gsm-1900		enable, disable	default: enable

Group Name (continued)	Group Item	Value Name	Value Options	Additional Information
cellular interface	state		enable, disable	default: enable
("Instance" attribute is "wwan0")	priority			
	connection mode		always on, on demand, shoulder tap	default: enable
	idle timeout			default: 5 minutes
	primary dns	<none>,</none>		
	secondary dns	<none>,</none>		
cellular link	apn			
("Instance" attribute	username			
is "wwan0")	password			
	dialup string			default: *99#
	roaming		enable, disable	default: enable
cli	enable level password			Value is SECRET, hidden from user view.
	inactivity timeout			Default: 15 minutes
	line authentication		enable, disable	Default: disable
	login password			Value is SECRET, hidden from user view. Default: PASS
	quit connect line			Accepts text containing control characters, for example, <control>A represents control-A Default: <control>L</control>
clock time and zone	time set	day of month		
		hours		
		minutes		
		month		
		seconds		
		year		
	time zone	offset		
		zone		
clock	synchronization method		manual, sntp, network	default: manual
	ntp			
device	firmware version			Read only.
	long name			
	serial number			Read only.
	short name			

Group Name (continued)	Group Item	Value Name	Value Options	Additional Information
dhcp server	state		enable, disable	default: disable
	start ip address			default:192.168.0.20
	end ip address			default:192.168.0.254
	lease time			default: 24 hours
	static leases	mac address		
	("Instance" attribute is a number)	ip address		
diagnostics	log	output		
		max length		
digital input	title			
("Instance" attribute is a number)	normal state			
discovery	state		enable, disable	
	upnp state		enable, disable	
	upnp port			
dynamic dns	state		enable, disable	
	username			
	password			
	hostname			
	internal			
email ("Instance"	СС			
attribute is a number.)	message file			
Trainisci.)	priority		urgent, high, normal, low, very low	Default: normal
	reply to			
	subject			
	to			
ethernet ("Instance"	duplex		auto, half, full	Default: auto
attribute is "eth0".)	speed		auto, 10, 100	Default: auto
ftp server	state		enable, disable	Default: enable

Group Name (continued)	Group Item	Value Name	Value Options	Additional Information
gateway	wan	operating mode		
		mac address filter		
		firewall		
		wan interface		
		router ip address		
		primary dns	<none>,</none>	
		secondary dns	<none>,</none>	
	port forwarding	state	<none>,</none>	
	("Instance" attribute is	friendly name		
	a number)	port or range		
		target port		
		protocol		
		ingress ip address		
		ip address		
	static routes	state		
	("Instance" attribute is	network	<none>,</none>	
	a number)	gateway	<none>,</none>	
		metric		
		interface		
		friendly name		
host	name			
("Instance" attribute	protocol		telnet, ssh	Default: telnet
is a number.)	ssh username			
	remote address			
	remote port			Default: 0
http authentication uri	user delete	name		Deletes an HTTP Authentication URI user. The value element is used to specify the user for deletion.
	realm			
	type			
	user (instance is "admin")	password		

Group Name (continued)	Group Item	Value Name	Value Options	Additional Information
http server	state		enable, disable	Default: enable
	port		<none>,</none>	Default: 80
	secure port		<none>,</none>	Default: 443
	secure protocols		ssl3, tls1.0, tls1.1	May contain zero, one, or more of the values, separated by commas. Default: ssl3, tls1.0, tls1.1
	secure credentials			
	max timeout			Default: 10 seconds
	max bytes			Default: 40960
	logging state		enable, disable	Default: enable
	max log entries			Default: 50
	log format			Default: %h %t "%r" %s %B "%{Referer}i" "%{User-Agent}i"
	authentication timeout			Default: 30 minutes
icmp	state		enable, disable	
input filters	mac filter ("Instance" attribute is a number)	mac address		
		action		

Group Name (continued)	Group Item	Value Name	Value Options	Additional Information
interface	bootp		enable, disable	Default: disable
("Instance" attribute	dhcp		enable, disable	Default: enable
is "eth0")	ip address		<none>,</none>	Accepts an IP address and mask as either: (1) IP address only (192.168.1.1) gets a default mask, (2) CIDR (192.168.1.1/24), or (3) Explicit mask (192.168.1.1 255.255.255.0).
	default gateway		<none>,</none>	Accepts in IP address in dotted notation, like 192.168.1.1.
	hostname			
	domain			
	dhcp client id			
	primary dns		<none>,</none>	Accepts in IP address in dotted notation, like 192.168.1.1.
	secondary dns		<none>,</none>	Accepts in IP address in dotted notation, like 192.168.1.1.
	mtu			Default: 1500 bytes
	priority			
	state			
ip	ip time to live			Default: 64 hops
	multicast time to live			Default: 1 hops

Group Name (continued)	Group Item	Value Name	Value Options	Additional Information
line	name			
("Instance" attribute is a number.)	interface		rs232, rs485 half- duplex, rs485 full- duplex, usb-cdc-acm	Default:
	termination		enable, disable	Default: disable
	state		enable, disable	Default: depends on instance
	protocol		none, tunnel	Default:
	baud rate			Default: 9600 bits per second
	parity		even, none, odd	Default: none
	data bits		7, 8	Default: 8
	stop bits		1, 2	Default: 1
	flow control		none, hardware, software	Default: none
	xon char			Accepts a control character, for example, <control>A represents control-A Default: <control>Q</control>
	xoff char			Accepts a control character, for example, <control>A represents control-A Default: <control>S</control>
	gap timer		<none>,</none>	Default: <none></none>
	threshold			Default: 56 bytes
network failover	state		enable, disable	Default: disable
("Instance" attribute is "eth0")	hostname			
is ettio j	method		icmp, tcp	Default: icmp
	timeout			Default: 30 seconds
	interval			Default: 30 seconds
	failover threshold			Default: 5 pings
	failback threshold			Default: 5 pings
	failover interface			
qos ("Instance"	state		enable, disable	
attribute is "eth0" or "wwan0")	import filters		enable, disable	
wwano)	uplink data speed			
	filter ("Instance"	mac address		
	attribute is a number)	network		
		ports		
		priority		

Group Name (continued)	Group Item	Value Name	Value Options	Additional Information
relay ("Instance"	latch		enable, disable	Default: disable
attribute is a number.)	title			
rss	feed		enable, disable	Default: disable
	persist		enable, disable	Default: disable
	max entries			Default: 100
serial command mode ("Instance"	mode		always, serial string, disable	Default: disable
attribute is a number.)	echo serial string		enable, disable	Default: enable
number.)	serial string			Sets a string that can be entered at boot time to enter command mode. This text may specify binary characters. Within [] use binary decimal up to 255 or hex up to 0xFF. Within {} specify decimal milliseconds time delay.
	signon message			Sets a sign-on message that is sent from the serial port when the device boots and when the line is in command mode. This text may specify binary characters. Within [] use binary decimal up to 255 or hex up to 0xFF.
	wait time			Default: 5000 milliseconds
sms inbound	sms inbound senders	number		
	("Instance" attribute is a number)	shouldertap	enable, disable	
	a number)	relaycontrol	enable, disable	
sms outbound	message center override number	number		
	channel		gsm only, gprs only, gsm preferred, gprs preferred	Default: gsm only
smtp	from address			
	overriding domain			
	password			
	server address			
	server port			Default: 25
	username			

Group Name (continued)	Group Item	Value Name	Value Options	Additional Information
snmp	snmpd	state		
		version		
		read community		
		write community		
		username		
		security		
		authentication protocol		
		authentication password		
		privacy protocol		
		privacy password		
		system contact		
		system name		
		system description		
	system location			
	traps	community		Default: public
		primary destination		
		secondary destination		
		version		
		username		
		security		
		authentication protocol		
		authentication password		
		privacy protocol		
		privacy password		
ssh	state		enable, disable	Default: enable
	port			Default: 22
	max sessions			Default: 3

Group Name (continued)	Group Item	Value Name	Value Options	Additional Information
ssh client	delete known hosts		enable, disable	If enabled, deletes any existing hosts before adding "known host".
	known host delete	name		Specify the known host to delete.
	known host	public rsa key		
		public dsa key		
	delete client users		enable, disable	If enabled, deletes any existing client users before adding "client user".
	client user delete	name		Specify the user to delete.
	client user	password		
		remote command		
		public rsa key		
		private rsa key		
		public dsa key		
		private dsa key		
ssh server	host rsa keys	public key		
		private key		
	host dsa keys	public key		
		private key		
	delete authorized users		enable, disable	
	authorized user delete	name		
	authorized user	password		
		public rsa key		
		public dsa key		
ssl	credentials	rsa certificate		
	("Instance" attribute is "zdv"	rsa certificate type		
		rsa pfx password		
		rsa private key		Value is SECRET, hidden from user view.
		rsa private key type		
		rsa private key pfx password		
		dsa certificate		
		dsa certificate type		
		dsa pfx password		

Group Name (continued)	Group Item	Value Name	Value Options	Additional Information
ssl (continued)	credentials (continued)	dsa private key		Value is SECRET, hidden from user view.
		dsa private key type		
		dsa private key pfx password		
	trusted authority	certificate		
	("Instance" attribute is a number)	certificate type		
		pfx password		
	intermediate authority	certificate		
	("Instance" attribute is a number)	certificate type		
	a nambon)	pfx password		
	delete all credentials		enable, disable	If enabled, deletes any existing credentials before adding "credentials".
	delete all cas		enable, disable	If enabled, deletes any existing trusted cas before adding "trusted ca".
syslog	state		enable, disable	Default: disable
	host			
	remote port			Default: 514
	severity log level		none, emergency, alert, critical, error, warning, notice, information, debug	Default: none
telnet	state		enable, disable	Default: enable
	port			Default: 23
	max sessions			Default: 3
	authentication		enable, disable	Default: disable
terminal	terminal type			Default: UNKNOWN
("Instance" attribute	login connect menu		enable, disable	Default: disable
is a number or "network")	exit connect menu		enable, disable	Default: disable
	send break			Accepts a control character, for example, <control>A represents control-A</control>
	break duration			Default: 500 milliseconds
	echo		enable, disable	Default: enable

Group Name (continued)	Group Item	Value Name	Value Options	Additional Information
tunnel accept	accept mode		disable, always	Default: always
("Instance" attribute is a number.)	start character			Accepts a control character, for example, <control>A represents control-A Default: <control>B</control></control>
	flush start character		enable, disable	Default: enable
	local port			Default: 0
	protocol		tcp, ssh, telnet, tcp aes, ssl	Default: tcp
	credentials			
	tcp keep alive		<none>,</none>	Default: 45000 milliseconds
	aes encrypt key			Value is SECRET, hidden from user view.
	aes decrypt key			Value is SECRET, hidden from user view.
	flush serial		enable, disable	Default: disable
	block serial		enable, disable	Default: disable
	block network		enable, disable	Default: disable
	password	password		Value is SECRET, hidden from user view.
		prompt	enable, disable	Default: disable
	email connect		<none>,</none>	Default: <none></none>
	email disconnect		<none>,</none>	Default: <none></none>
tunnel connect ("Instance" attribute is a number.)	connect mode		disable, always, any character, start character, modem control asserted, modem emulation	Default: disable
	start character			Accepts a control character, for example, <control>A represents control-A Default: <control>B</control>
	flush start character		enable, disable	Default: enable
	local port		<random>,</random>	Default: <random></random>

Group Name (continued)	Group Item	Value Name	Value Options	Additional Information
tunnel connect	host	address		
("Instance" attribute is a number.) (continued)	("Instance" attribute is	port	<none>,</none>	Default: <none></none>
	a number)	protocol	tcp, udp, ssh, telnet, tcp aes, udp aes, ssl	Default: tcp
		ssh username		
		credentials		
		validate certificate	enable, disable	Default: enable
		tcp keep alive	<none>,</none>	Default: 45000 milliseconds
		aes encrypt key		Value is SECRET, hidden from user view.
		aes decrypt key		Value is SECRET, hidden from user view.
	host mode		sequential, simultaneous	Default: sequential
	reconnect time			Default: 15000 milliseconds
	flush serial		enable, disable	Default: disable
	block serial		enable, disable	Default: disable
	block network		enable, disable	Default: disable
	email connect		<none>,</none>	Default: <none></none>
	email disconnect		<none>,</none>	Default: <none></none>
tunnel disconnect ("Instance" attribute is a number.)	stop character			Accepts a control character, for example, <control>A represents control-A</control>
	flush stop character		enable, disable	Default: enable
	modem control		enable, disable	Default: disable
	timeout			Default: 0 milliseconds
	flush serial		enable, disable	Default: disable
tunnel modem	echo pluses		enable, disable	Default: disable
("Instance" attribute	echo commands		enable, disable	Default: enable
is a number.)	verbose response		enable, disable	Default: enable
	response type		text, numeric	Default: text
	error unknown commands		enable, disable	Default: disable
	incoming connection		disabled, automatic, manual	Default: disabled
	connect string			
	display remote ip		enable, disable	Default: disable

Group Name (continued)	Group Item	Value Name	Value Options	Additional Information
tunnel packing ("Instance" attribute	packing mode		disable, timeout, send character	Default: disable
is a number.)	timeout			Default: 1000 milliseconds
	threshold			Default: 512 bytes
	send character			Accepts a control character, for example, <control>A represents control-A Default: <control> M</control></control>
	trailing character			Accepts a control character, for example, <control>A represents control-A</control>
tunnel serial ("Instance" attribute is a number.)	dtr		asserted while connected, continuously asserted, unasserted, truport	Default: asserted while connected
xml import control	restore factory configuration		enable, disable	
	delete http authentication uris		enable, disable	Deletes existing HTTP authentication URIs before importing new ones.
	http authentication uri delete	name		Deletes the specified HTTP authentication URI.
	reboot		enable, disable	Reboots after importing.

XML Status Record Groups and Items

Table 4-8 lists the supported XML Status Record (XSR) groups and items. These groups and items show the status of the device in XML form and can only be exported. The XSR schema differs slightly from the XCR groups and items in that the XSR allows groups within groups.

Note: The Valid Values column of Table 4-8 indicates the default value.

Table 4-8 XSR Group and Items

Group Name	Item Name	Value Name	Valid Values
action ("Instance" attribute is	duration	elapsed time in format days hh:mm:ss	
"digital input 1 state	state	on or off	
change", digital input 2 state change", "eth0 link state change", eth0" or "wwan0 link state change")	transition	decimal number	
arp	arp entry	ip address	ip address in format nnn.nnn.nnn
		mac address	mac address in format xx:xx:xx:xx:xx
		type	dynamic or static
		interface	eth0 or wlan0
cellular	sim status		
	imsi		
	operator network		
	network registration status		
	gprs status		
	signal strength		
clock	time		real time clock time in format hh:mm:ss <timezone></timezone>
	date		real time clock date in format dayofweek day month year
	timezone	zone	
		offset	
device	product info	product type	Lantronix
		serial number	12 hex digits
		firmware version	string in version format like 7.3.0.1R7
		uptime	elapsed time in format d days hh:mm:ss
		permanent config	saved or unsaved

Group Name (continued)	Item Name	Value Name	Valid Values
digital input	state		
("Instance" attribute is a number)			
email ("Instance" attribute is " <decimal>")</decimal>	success	sent	decimal number
		sent with retries	decimal number
	failed		decimal number
	queued		decimal number
email log ("Instance" attribute is " <decimal>")</decimal>	entry	time	timestamp in format d days hh:mm:ss
		log	string
failover ("Instance" attribute is "eth0")	state		
	transition		
hardware	сри	speed	string
		type	string
	memory	flash size	decimal number
		ram size	decimal number
http	state		
	logging	entries	
		bytes	
http log	totals	entries	decimal number
		bytes	decimal number
	entry ("Instance" attribute is " <decimal>" or number)</decimal>		String

Group Name (continued)	Item Name	Value Name	Valid Values
icmp	snmp	InMsgs	decimal number
		InErrors	decimal number
		InDestUnreachs	decimal number
		InTimeExcds	decimal number
		InParmProbs	decimal number
		InSrcQuenchs	decimal number
		InRedirects	decimal number
		InEchos	decimal number
		InEchoReps	decimal number
		InTimestamps	decimal number
		InTimestampReps	decimal number
		InAddrMasks	decimal number
		InAddrMaskReps	decimal number
		OutMsgs	decimal number
		OutErrors	decimal number
		OutDestUnreachs	decimal number
		OutTimeExcds	decimal number
		OutParmProbs	decimal number
		OutSrcQuenchs	decimal number
		OutRedirects	decimal number
		OutEchos	decimal number
		OutEchoReps	decimal number
		OutTimestamps	decimal number
		OutTimestampReps	decimal number
		OutAddrMasks	decimal number
		OutAddrMaskReps	decimal number
inbound sms			
outbound sms			

Group Name (continued)	Item Name	Value Name	Valid Values
interface ("Instance" attribute is "eth0")	default gateway	status	dotted notation
	ip address		dotted notation
	generic	status	linkup
	network mask		dotted notation
	receive	bytes	decimal number
		packets	decimal number
		errs	decimal number
		drop	decimal number
		fifo	decimal number
		frame	decimal number
		compressed	decimal number
		multicast	decimal number
	transmit	bytes	decimal number
		packets	decimal number
		errs	decimal number
		drop	decimal number
		fifo	decimal number
		colls	decimal number
		carrier	decimal number
		compressed	decimal number
ip	snmp	Forwarding	decimal number
		DefaultTTL	decimal number
		InReceives	decimal number
		InHdrErrors	decimal number
		InAddrErrors	decimal number
		ForwDatagrams	decimal number
		InUnknownProtos	decimal number
		InDiscards	decimal number
		InDelivers	decimal number
		OutRequests	decimal number
		OutDiscards	decimal number
		OutNoRoutes	decimal number
		ReasmTimeout	decimal number
		ReasmReqds	decimal number
		ReasmOKs	decimal number
		ReasmFails	decimal number
		FragOKs	decimal number
		FragFails	decimal number
		FragCreates	decimal number

Group Name (continued)	Item Name	Value Name	Valid Values
ip (continued)	netstat	InNoRoutes	decimal number
		InTruncatedPkts	decimal number
		InMcastPkts	decimal number
		OutMcastPkts	decimal number
		InBcastPkts	decimal number
		OutBcastPkts	decimal number
		InOctets	decimal number
		OutOctets	decimal number
		InMcastOctets	decimal number
		OutMcastOctets	decimal number
		InBcastOctets	decimal number
		OutBcastOctets	decimal number
ip sockets	ip socket	protocol	tcp or udp
		rx queue	decimal number
		tx queue	decimal number
		local address	ip address in format
		local port	decimal number
		remote address	ip address in format
		remote port	decimal number or *
		state	LISTEN, SYN_RECVD, SYN_SENT, ESTABLISHED, CLOSE_WAIT, LAST_ACK, FIN_WAIT_1, FIN_WAIT_2, CLOSING, or TIME_WAIT.
line ("Instance" attribute is	receiver	bytes	decimal number
" <decimal>")</decimal>		breaks	decimal number
		parity errors	decimal number
		framing errors	decimal number
		overrun errors	decimal number
		no receive buffer errors	decimal number
		queued bytes	decimal number
		flow control	go, stop, or n/a
	transmitter	bytes	decimal number
		breaks	decimal number
		queued bytes	decimal number
		flow control	go, stop, or n/a
	line levels	cts input	asserted or not asserted
		rts output	asserted or not asserted
		dsr input	asserted or not asserted
		dtr output	asserted or not asserted

Group Name (continued)	Item Name	Value Name	Valid Values
line (group nested within line above)	state		enable or disable
	protocol		Tunnel or None.
	baud rate		<decimal> bits per second</decimal>
	parity		None, Odd, or Even
	data bits		7 or 8
	stop bits		1 or 2
	flow control		None, Hardware, or Software
	xon char		of form <control> ;Q</control>
	xoff char		of form <control> ;S</control>
memory	main heap	total memory	decimal number of bytes
		available memory	decimal number of bytes
processes	process ("Instance"	stack used	decimal number
	attribute is " <decimal>")</decimal>	stack size	decimal number
		cpu %	decimal number
		thread name	String
qos ("Instance" attribute is either "eth0" or "wwan0"			
query port	last connection	ip address	ip address in format nnn.nnn.nnn
		port	decimal number
	in	discoveries	decimal number
		unknown queries	decimal number
		erroneous packets	decimal number
	out	discovery replies	decimal number
		errors	decimal number
	status	enabled, disabled	
relay ("Instance" attribute is a number")	state		on, off
rss	url		string in the form of a web url
	data	entries	decimal number
		bytes	decimal number
sessions	line ("Instance" attribute is	baud	
	" <number>")</number>	parity	
		data bits	
		stop bits	
		flow control	

tcp snmp	RtoAlgorithm RtoMin RtoMax MaxConn ActiveOpens PassiveOpens AttemptFails EstabResets CurrEstab InSegs OutSegs RetransSegs	decimal number
	RtoMin RtoMax MaxConn ActiveOpens PassiveOpens AttemptFails EstabResets CurrEstab InSegs OutSegs	decimal number
	MaxConn ActiveOpens PassiveOpens AttemptFails EstabResets CurrEstab InSegs OutSegs	decimal number
	ActiveOpens PassiveOpens AttemptFails EstabResets CurrEstab InSegs OutSegs	decimal number decimal number decimal number decimal number decimal number decimal number
	PassiveOpens AttemptFails EstabResets CurrEstab InSegs OutSegs	decimal number decimal number decimal number decimal number
	PassiveOpens AttemptFails EstabResets CurrEstab InSegs OutSegs	decimal number decimal number decimal number decimal number
	EstabResets CurrEstab InSegs OutSegs	decimal number decimal number decimal number
	EstabResets CurrEstab InSegs OutSegs	decimal number decimal number
	InSegs OutSegs	decimal number
	OutSegs	
		decimal number
	Potrono Cogo	
	Reliansoegs	decimal number
	InErrs	decimal number
	OutRsts	decimal number
netstat	SyncookiesSent	decimal number
	SyncookiesRecv	decimal number
	SyncookiesFailed	decimal number
	EmbryonicRsts	decimal number
	PruneCalled	decimal number
	RcvPruned	decimal number
	OfoPruned	decimal number
	OutOfWindowlcmps	decimal number
	LockDroppedIcmps	decimal number
	ArpFilter	decimal number
	TW	decimal number
	TWRecycled	decimal number
	TWKilled	decimal number
	PAWSPassive	decimal number
	PAWSActive	decimal number
	PAWSEstab	decimal number
	DelayedACKs	decimal number
	DelayedACKLocked	decimal number
	DelayedACKLost	decimal number
	ListenOverflows	decimal number
	ListenDrops	decimal number
	TCPPrequeued	decimal number
	TCPDirectCopyFromBacklo g	decimal number
	TCPDirectCopyFromPreque ue	decimal number
	TCPPrequeueDropped	decimal number
	TCPHPHits	decimal number

Group Name (continued)	Item Name	Value Name	Valid Values
tcp (continued)	netstat (continued)	TCPHPHitsToUser	decimal number
		TCPPureAcks	decimal number
		TCPHPAcks	decimal number
		TCPRenoRecovery	decimal number
		TCPSackRecovery	decimal number
		TCPSACKReneging	decimal number
		TCPFACKReorder	decimal number
		TCPSACKReorder	decimal number
		TCPRenoReorder	decimal number
		TCPTSReorder	decimal number
		TCPFullUndo	decimal number
		TCPPartialUndo	decimal number
		TCPDSACKUndo	decimal number
		TCPLossUndo	decimal number
		TCPLoss	decimal number
		TCPLostRetransmit	decimal number
		TCPRenoFailures	decimal number
		TCPSackFailures	decimal number
		TCPLossFailures	decimal number
		TCPFastRetrans	decimal number
		TCPForwardRetrans	decimal number
		TCPSlowStartRetrans	decimal number
		TCPTimeouts	decimal number
		TCPRenoRecoveryFail	decimal number
		TCPSackRecoveryFail	decimal number
		TCPSchedulerFailed	decimal number
		TCPRcvCollapsed	decimal number
		TCPDSACKOldSent	decimal number
		TCPDSACKOfoSent	decimal number
		TCPDSACKRecv	decimal number
		TCPDSACKOfoRecv	decimal number
		TCPAbortOnSyn	decimal number
		TCPAbortOnData	decimal number
		TCPAbortOnClose	decimal number
		TCPAbortOnMemory	decimal number
		TCPAbortOnTimeout	decimal number
		TCPAbortOnLinger	decimal number
		TCPAbortFailed	decimal number
		TCPMemoryPressures	decimal number
		TCPSACKDiscard	decimal number
		TCPDSACKIgnoredOld	decimal number
		TCPDSACKIgnoredNoUndo	decimal number

Group Name (continued)	Item Name	Value Name	Valid Values
tcp (continued)	netstat (continued)	TCPSpuriousRTOs	decimal number
		TCPMD5NotFound	decimal number
		TCPMD5Unexpected	decimal number
		TCPSackShifted	decimal number
		TCPSackMerged	decimal number
		TCPSackShiftFallback	decimal number
		TCPBacklogDrop	decimal number
		TCPMinTTLDrop	decimal number
		TCPDeferAcceptDrop	decimal number
		IPReversePathFilter	decimal number
		TCPTimeWaitOverflow	decimal number
tunnel ("Instance" attribute is a number.)	aggregate	completed connects	decimal number
		completed accepts	decimal number
		disconnects	decimal number
		dropped connects	decimal number
		dropped accepts	decimal number
		octets from	decimal number
		octets from network	decimal number
		connect 0 connection time	elapsed time in format d days hh:mm:ss
		connect 1 connection time	elapsed time in format d days hh:mm:ss
		connect 2 connection time	elapsed time in format d days hh:mm:ss
		connect 3 connection time	elapsed time in format d days hh:mm:ss
		connect 4 connection time	elapsed time in format d days hh:mm:ss
		connect 5 connection time	elapsed time in format d days hh:mm:ss
		connect 6 connection time	elapsed time in format d days hh:mm:ss
		connect 7 connection time	elapsed time in format d days hh:mm:ss
		connect 8 connection time	elapsed time in format d days hh:mm:ss
		connect 9 connection time	elapsed time in format d days hh:mm:ss
		connect 10 connection time	elapsed time in format d days hh:mm:ss
		connect 11 connection time	elapsed time in format d days hh:mm:ss
		connect 12 connection time	elapsed time in format d days hh:mm:ss

Group Name (continued)	Item Name	Value Name	Valid Values
tunnel ("Instance" attribute is a number.) (continued)	aggregate (continued)	connect 13 connection time	elapsed time in format d days hh:mm:ss
		connect 14 connection time	elapsed time in format d days hh:mm:ss
		connect 15 connection time	elapsed time in format d days hh:mm:ss
		accept connection time	elapsed time in format d days hh:mm:ss
		connect dns address changes	decimal number
		connect dns address invalids	decimal number
tunnel modem	echo commands	enable, disable	
	verbose response	enable, disable	
	response type		
	error unknown commands	enable, disable	
	incoming connection		
udp	snmp	InDatagrams	decimal number
		NoPorts	decimal number
		InErrors	decimal number
		OutDatagrams	decimal number
		RcvbufErrors	decimal number
		SndbufErrors	decimal number
xsr	out	bytes	decimal number
		lines	decimal number
		elements	decimal number
	errors		decimal number

5: Commands and Levels

Click the level in the tree structure and it will take you to the command list for that level.

root

- enable (enable)
 - configure (config)
 - action (config-action-select)
 - digital input 1 state change (config-action:digital input 1 state change)
 - email (config-action-email:digital input 1 state change)
 - ftp put (config-action-ftp put:digital input 1 state change)
 - connection 1 (config-action-ftp_putconnection:digital input 1 state change:1)
 - connection 2 (config-action-ftp_putconnection:digital input 1 state change:2)
 - gprs roaming (config-action-gprs roaming:digital input 1 state change)
 - http post (config-action-http_post:digital input 1 state change)
 - connection 1 (config-action-http_postconnection:digital input 1 state change:1)
 - connection 2 (config-action-http_postconnection:digital input 1 state change:2)
 - relay (config-action-relay:digital input 1 state change)
 - <u>snmp trap (config-action-snmp trap:digital input 1 state change)</u>
 - digital input 2 state change (config-action:digital input 2 state change)
 - email (config-action-email:digital input 2 state change)
 - ftp put (config-action-ftp put:digital input 2 state change)
 - connection 1 (config-action-ftp_putconnection:digital input 2 state change:1)
 - connection 2 (config-action-ftp_putconnection:digital input 2 state change:2)
 - gprs roaming (config-action-gprs roaming:digital input 2 state change)
 - http post (config-action-http post:digital input 2 state change)
 - connection 1 (config-action-http_postconnection:digital input 2 state change:1)
 - connection 2 (config-action-http_postconnection:digital input 2 state change:2)
 - relay (config-action-relay:digital input 2 state change)
 - snmp trap (config-action-snmp trap:digital input 2 state change)
 - eth0 link state change (config-action:eth0 link state change)
 - email (config-action-email:eth0 link state change)
 - ftp put (config-action-ftp_put:eth0 link state change)
 - connection 1 (config-action-ftp_put-connection:eth0 link state change:1)
 - connection 2 (config-action-ftp_putconnection:eth0 link state change:2)

- gprs roaming (config-action-gprs roaming:eth0 link state change)
- http post (config-action-http post:eth0 link state change)
 - connection 1 (config-action-http_postconnection:eth0 link state change:1)
 - connection 2 (config-action-http_post-connection:eth0 link state change:2)
- relay (config-action-relay:eth0 link state change)
- snmp trap (config-action-snmp trap:eth0 link state change)
- wwan0 link state change (config-action:wwan0 link state change)
 - email (config-action-email:wwan0 link state change)
 - ftp put (config-action-ftp_put:wwan0 link state change)
 - connection 1 (config-action-ftp_putconnection:wwan0 link state change:1)
 - connection 2 (config-action-ftp_putconnection:wwan0 link state change:2)
 - gprs roaming (config-action-gprs roaming:wwan0 link state change)
 - http post (config-action-http_post:wwan0 link state_change)
 - connection 1 (config-action-http_postconnection:wwan0 link state change:1)
 - connection 2 (config-action-http_postconnection:wwan0 link state change:2)
 - relay (config-action-relay:wwan0 link state change)
 - snmp trap (config-action-snmp trap:wwan0 link state change)
- arp (config-arp)
- cellular (config-cellular)
- cli (config-cli)
 - ssh (config-cli-ssh)
 - telnet (config-cli-telnet)
- clock (config-clock)
 - ntp (config-clock-ntp)
- ddns (config-ddns)
- diagnostics (config-diagnostics)
 - log (config-diagnostics-log)
- digital inputs (config-digital-inputs)
 - digital input 1 (config-digital-input:1)
 - digital input 2 (config-digital-input:2)
- discovery (config-discovery)
- ftp (config-ftp)
- gateway (config-gateway)
 - dhcpserver (config-dhcpd)
 - static leases 1 (config-dhcpd-static leases:1)
 - static leases 2 (config-dhcpd-static leases:2)
 - static leases 3 (config-dhcpd-static leases:3)
 - static leases 4 (config-dhcpd-static leases:4)
 static leases 5 (config-dhcpd-static leases:5)
 - static leases 6 (config-dhcpd-static leases:6)
 - static leases 7 (config-dhcpd-static leases:7)
 - static leases 8 (config-dhcpd-static leases:8)
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- mac address filter 1 (config-mac filter:1)
- mac address filter 2 (config-mac filter:2)
- mac address filter 3 (config-mac filter:3)
- mac address filter 4 (config-mac filter:4)
- mac address filter 5 (config-mac filter:5)
- mac address filter 6 (config-mac filter:6)
- mac address filter 7 (config-mac filter:7)
- mac address filter 8 (config-mac_filter:8)
- port forwarding rule 1 (config-portforwarding:1)
- port forwarding rule 2 (config-portforwarding:2)
- port forwarding rule 3 (config-portforwarding:3)
- port forwarding rule 4 (config-portforwarding:4)
- port forwarding rule 5 (config-portforwarding:5)
- port forwarding rule 6 (config-portforwarding:6)
- port forwarding rule 7 (config-portforwarding:7)
- port forwarding rule 8 (config-portforwarding:8)
- static route 1 (config-staticroute:1)
- static route 2 (config-staticroute:2)
- static route 3 (config-staticroute:3)
- static route 4 (config-staticroute:4)
- static route 5 (config-staticroute:5)
- static route 6 (config-staticroute:6)
- static route 7 (config-staticroute:7)
- static route 8 (config-staticroute:8)
- host 1 (config-host:1)
- host 2 (config-host:2)
- host 3 (config-host:3)
- host 4 (config-host:4)
- host 5 (config-host:5)
- host 6 (config-host:6)
- host 7 (config-host:7)
- host 8 (config-host:8)
- host 9 (config-host:9)
- host 10 (config-host:10)
- host 11 (config-host:11)
- host 12 (config-host:12)
- host 13 (config-host:13)
- host 14 (config-host:14)
- host 15 (config-host:15)
- host 16 (config-host:16)
- host 17 (config-host:17)
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- host 19 (config-host:19)
- host 20 (config-host:20)host 21 (config-host:21)
- host 22 (config-host:22)
- host 23 (config-host:23)
- host 24 (config-host:24)
- host 25 (config-host:25)
- host 26 (config-host:26)
- host 27 (config-host:27)
- host 28 (config-host:28)
- host 29 (config-host:29)

- host 30 (config-host:30)
- host 31 (config-host:31)
- host 32 (config-host:32)
- http (config-http)
- icmp (config-icmp)
- if 1 (config-if:eth0)
 - failover (config-ethernet-failover:eth0)
 - link (config-ethernet:eth0)
 - gos (config-ethernet-gos:eth0)
 - filter 1 (config-ethernet-gos-filter:eth0:1)
 - filter 2 (config-ethernet-gos-filter:eth0:2)
 - filter 3 (config-ethernet-gos-filter:eth0:3)
 - filter 4 (config-ethernet-gos-filter:eth0:4)
 - filter 5 (config-ethernet-gos-filter:eth0:5)
 - filter 6 (config-ethernet-gos-filter:eth0:6)
 - filter 7 (config-ethernet-gos-filter:eth0:7)
 - filter 8 (config-ethernet-gos-filter:eth0:8)
 - filter 9 (config-ethernet-gos-filter:eth0:9)
 - filter 10 (config-ethernet-gos-filter:eth0:10)
 - filter 11 (config-ethernet-gos-filter:eth0:11)
 - filter 12 (config-ethernet-gos-filter:eth0:12)
 - filter 13 (config-ethernet-gos-filter:eth0:13)
 - filter 14 (config-ethernet-gos-filter:eth0:14)
 - filter 15 (config-ethernet-gos-filter:eth0:15)
 - filter 16 (config-ethernet-gos-filter:eth0:16)
 - filter 17 (config-ethernet-gos-filter:eth0:17)
 - filter 18 (config-ethernet-gos-filter:eth0:18)
 - filter 19 (config-ethernet-gos-filter:eth0:19)
 - filter 20 (config-ethernet-gos-filter:eth0:20)
 - filter 21 (config-ethernet-gos-filter:eth0:21)
 - filter 22 (config-ethernet-gos-filter:eth0:22)
 - filter 23 (config-ethernet-gos-filter:eth0:23)
 - filter 24 (config-ethernet-gos-filter:eth0:24)
 - filter 25 (config-ethernet-gos-filter:eth0:25)
 - <u>filter 26 (config-ethernet-gos-filter:eth0:26)</u>
 - <u>filter 27 (config-ethernet-gos-filter:eth0:27)</u>
 - filter 28 (config-ethernet-gos-filter:eth0:28)
 - filter 29 (config-ethernet-gos-filter:eth0:29)
 - filter 30 (config-ethernet-gos-filter:eth0:30)
 - filter 31 (config-ethernet-gos-filter:eth0:31)
 - filter 32 (config-ethernet-gos-filter:eth0:32)
- if 2 (config-wwan:wwan0)
 - link (config-wwan-link:wwan0)
 - gos (config-wwan-gos:wwan0)
 - filter 1 (config-wwan-gos-filter:wwan0:1)
 - filter 2 (config-wwan-gos-filter:wwan0:2)
 - filter 3 (config-wwan-gos-filter:wwan0:3)
 - filter 4 (config-wwan-gos-filter:wwan0:4)
 - filter 5 (config-wwan-gos-filter:wwan0:5)
 filter 6 (config-wwan-gos-filter:wwan0:6)
 - filter 7 (config-wwan-gos-filter:wwan0:7)
 - filter 8 (config-wwan-gos-filter:wwan0:8)

 - filter 9 (config-wwan-gos-filter:wwan0:9)

- filter 10 (config-wwan-gos-filter:wwan0:10)
- filter 11 (config-wwan-gos-filter:wwan0:11)
- filter 12 (config-wwan-gos-filter:wwan0:12)
- filter 13 (config-wwan-gos-filter:wwan0:13)
- filter 14 (config-wwan-gos-filter:wwan0:14)
- filter 15 (config-wwan-gos-filter:wwan0:15)
- filter 16 (config-wwan-gos-filter:wwan0:16)
- filter 17 (config-wwan-gos-filter:wwan0:17)
- filter 18 (config-wwan-gos-filter:wwan0:18)
- filter 19 (config-wwan-gos-filter:wwan0:19)
- filter 20 (config-wwan-gos-filter:wwan0:20)
- filter 21 (config-wwan-gos-filter:wwan0:21)
- filter 22 (config-wwan-gos-filter:wwan0:22)
- filter 23 (config-wwan-gos-filter:wwan0:23)
- filter 24 (config-wwan-gos-filter:wwan0:24)
- filter 25 (config-wwan-gos-filter:wwan0:25)
- filter 26 (config-wwan-gos-filter:wwan0:26)
- filter 27 (config-wwan-gos-filter:wwan0:27)
- filter 28 (config-wwan-gos-filter:wwan0:28)
- filter 29 (config-wwan-gos-filter:wwan0:29)
- filter 30 (config-wwan-gos-filter:wwan0:30)
- filter 31 (config-wwan-gos-filter:wwan0:31)
- filter 32 (config-wwan-gos-filter:wwan0:32)
- ip (config-ip)
- relays (config-relays)
 - relay 1 (config-relay:1)
- rss (config-rss)
- sms (config-sms)
 - inbound (config-sms-inbound)
 - sms inbound sender 1 (config-sms-inboundsms inbound senders:1)
 - sms inbound sender 2 (config-sms-inboundsms inbound senders:2)
 - sms inbound sender 3 (config-sms-inboundsms inbound senders:3)
 - sms inbound sender 4 (config-sms-inboundsms inbound senders:4)
 - sms inbound sender 5 (config-sms-inboundsms inbound senders:5)
 - sms inbound sender 6 (config-sms-inboundsms inbound senders:6)
 - sms inbound sender 7 (config-sms-inboundsms inbound senders:7)
 - sms inbound sender 8 (config-sms-inboundsms inbound senders:8)
 - sms inbound sender 9 (config-sms-inboundsms inbound senders:9)
 - sms inbound sender 10 (config-sms-inboundsms inbound senders:10)
 - sms inbound sender 11 (config-sms-inboundsms inbound senders:11)
 - sms inbound sender 12 (config-sms-inboundsms inbound senders:12)

- sms inbound sender 13 (config-sms-inboundsms inbound senders:13)
- sms inbound sender 14 (config-sms-inboundsms inbound senders:14)
- sms inbound sender 15 (config-sms-inboundsms inbound senders:15)
- sms inbound sender 16 (config-sms-inboundsms inbound senders:16)
- sms inbound sender 17 (config-sms-inboundsms inbound senders:17)
- sms inbound sender 18 (config-sms-inboundsms inbound senders:18)
- sms inbound sender 19 (config-sms-inboundsms inbound senders:19)
- sms inbound sender 20 (config-sms-inboundsms inbound senders:20)
- sms inbound sender 21 (config-sms-inboundsms inbound senders:21)
- sms inbound sender 22 (config-sms-inboundsms inbound senders:22)
- sms inbound sender 23 (config-sms-inboundsms inbound senders:23)
- sms inbound sender 24 (config-sms-inboundsms inbound senders:24)
- outbound (config-sms-outbound)
 - <u>outbound sms test (config-sms-outbound-outbound sms test)</u>
- smtp (config-smtp)
- snmp (config-snmp)
 - snmpd (config-snmp-snmpd)
 - traps (config-snmp-traps)
- syslog (config-syslog)
- terminal 1 (config-terminal:1)
- terminal 2 (config-terminal:2)
- terminal network (config-terminal:network)
- device (device)
- dns (dns)
- email 1 (email:1)
- email 2 (email:2)
- email 3 (email:3)
- email 4 (email:4)
- email 5 (email:5)
- email 6 (email:6)
- email 7 (email:7)
- email 8 (email:8)
- email 9 (email:9)
- email 10 (email:10)
- email 11 (email:11)
- email 12 (email:12)
- email 13 (email:13)
- email 14 (email:14)
- email 15 (email:15)
- email 16 (email:16)

- filesystem (filesystem)
- · line 1 (line:1)
- line 2 (line:2)
- ssh (ssh)
 - client (ssh-client)
 - server (ssh-server)
- ssl (ssl)
 - credentials (ssl-credentials)
 - trusted authorities (ssl-auth)
- tunnel 1 (tunnel:1)
 - accept (tunnel-accept:1)
 - password (tunnel-accept-password:1)
 - connect (tunnel-connect:1)
 - host 1 (tunnel-connect-host:1:1)
 - host 2 (tunnel-connect-host:1:2)
 - host 3 (tunnel-connect-host:1:3)
 - host 4 (tunnel-connect-host:1:4)
 - host 5 (tunnel-connect-host:1:5)
 - host 6 (tunnel-connect-host:1:6)
 - host 7 (tunnel-connect-host:1:7)
 - host 8 (tunnel-connect-host:1:8)
 - host 8 (tunnel-connect-nost: 1:8)
 host 9 (tunnel-connect-host:1:9)
 - host 10 (tunnel-connect-host:1:10)
 - host 11 (tunnel-connect-host:1:11)
 - host 12 (tunnel-connect-host:1:12)
 - host 13 (tunnel-connect-host:1:13)
 - host 14 (tunnel-connect-host:1:14)
 - host 15 (tunnel-connect-host:1:15)
 - host 16 (tunnel-connect-host:1:16)
 - disconnect (tunnel-disconnect:1)
 - modem (tunnel-modem:1)
 - packing (tunnel-packing:1)
 - serial (tunnel-serial:1)
- tunnel 2 (tunnel:2)
 - accept (tunnel-accept:2)
 - password (tunnel-accept-password:2)
 - connect (tunnel-connect:2)
 - host 1 (tunnel-connect-host:2:1)
 - host 2 (tunnel-connect-host:2:2)
 - host 3 (tunnel-connect-host:2:3)
 - host 4 (tunnel-connect-host:2:4)
 - host 5 (tunnel-connect-host:2:5)
 - host 6 (tunnel-connect-host:2:6)
 - host 7 (tunnel-connect-host:2:7)
 - host 8 (tunnel-connect-host:2:8)
 - host 9 (tunnel-connect-host:2:9)
 - host 10 (tunnel-connect-host:2:10)
 - host 11 (tunnel-connect-host:2:11)
 - host 12 (tunnel-connect-host:2:12)
 - host 13 (tunnel-connect-host:2:13)
 - host 14 (tunnel-connect-host:2:14)
 - host 15 (tunnel-connect-host:2:15)
 - host 16 (tunnel-connect-host:2:16)

- <u>disconnect (tunnel-disconnect:2)</u>
- modem (tunnel-modem:2)
- packing (tunnel-packing:2)
- serial (tunnel-serial:2)
- xml (xml)

Table 5-1 Commands and Levels

accept (tunnel-accept:2) level commands	
accept mode always	Enables the tunneling server to always accept tunneling connections.
accept mode any character	Enables the tunneling server to accept tunneling connections only when a character is received through the corresponding line (serial port).
accept mode disable	Disables accept mode tunneling.
accept mode modem control asserted	Enables the tunneling server to accept tunneling connections when the modem control pin is asserted.
accept mode modem emulation	Enables modem emulation for accept mode tunneling.
accept mode start character	Enables accept mode tunneling when the configured start character is received on the line.
aes decrypt key <hexadecimal></hexadecimal>	Sets the accept tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes decrypt key text < text>	Sets the accept tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
aes encrypt key <i><hexadecimal></hexadecimal></i>	Sets the accept tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a.bc Note that quotes must enclose the value if it contains spaces.
aes encrypt key text < <i>text</i> >	Sets the accept tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
block network disable	Forwards (tunnels) network data in accept mode tunneling.
block network enable	Discards all data coming in from the accept mode tunnel before forwarding it to the serial interface (generally used for debugging).
block serial disable	Forwards (tunnels) serial data in accept mode tunneling.
block serial enable	Discards all data coming in from the serial interface before forwarding it to the accept mode tunnel (generally used for debugging).
clrscrn	Clears the screen.

mode tunneling. The default port is 10000 + #, where # is the line number for this tunnel. default protocol Restores the default protocol as "TCP". default start character Defaults the accept mode start character. Restores the default 45 second accept mode TCP keep alive timeout. Sets an email profile to use to send an email alert upon establishing an accept mode tunnel. numbers email disconnect numbers esta an email profile to use to send an email alert upon establishing an accept mode tunnel. numbers esta an email profile to use. Exit an email profile to use. Sets an email profile to use. Sets an email profile to use. Returns to the tunnel level. Characters already in the serial data buffer are retained upon establishing an accept mode tunneling connection. If ush serial enable Characters already in the serial data buffer are retained upon establishing an accept mode tunneling connection. Flushs the serial data buffer upon establishing an accept mode tunneling connection. Flush start character disable Enables forwarding of the accept start character into the network. If ush start character enable Disables forwarding of the accept start character into the network. If ush start character enable Disconnects the active accept mode tunneling connection local port numbers.org/ enables forwarding of the accept start character into the network. If ush start character enable Disconnects the active accept mode tunneling, numbers.org/ enables forwarding of the accept start character into the network. If ush start character enable Disconnects the accept unde tunneling, numbers.org/ enables forwarding of the accept start character into the network. If ush start character enable Disconnects the accept unde tunneling, numbers.org/ enables forwar	credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL server.
mode tunneling. The default port is 10000 + #, where # is the line number for this tunnel. default protocol Restores the default protocol as "TCP". default start character Defaults the accept mode start character. Restores the default 45 second accept mode TCP keep alive timeout. Sets an email profile to use to send an email alert upon establishing an accept mode tunnel. numbers email disconnect numbers esta an email profile to use to send an email alert upon establishing an accept mode tunnel. numbers esta an email profile to use. Exit an email profile to use. Sets an email profile to use. Sets an email profile to use. Returns to the tunnel level. Characters already in the serial data buffer are retained upon establishing an accept mode tunneling connection. If ush serial enable Characters already in the serial data buffer are retained upon establishing an accept mode tunneling connection. Flushs the serial data buffer upon establishing an accept mode tunneling connection. Flush start character disable Enables forwarding of the accept start character into the network. If ush start character enable Disables forwarding of the accept start character into the network. If ush start character enable Disconnects the active accept mode tunneling connection local port numbers.org/ enables forwarding of the accept start character into the network. If ush start character enable Disconnects the active accept mode tunneling, numbers.org/ enables forwarding of the accept start character into the network. If ush start character enable Disconnects the accept unde tunneling, numbers.org/ enables forwarding of the accept start character into the network. If ush start character enable Disconnects the accept unde tunneling, numbers.org/ enables forwar	default accept mode	Restores the default accept mode as "always".
default start character default top keep alive meail connect <number> email connect <number> semail disconnect <number> email disconnect <number> semail disconnect <number> set an email profile to use to send an email alert upon closing an accept mode tunnel. <number⟩ <number="number" =="" accept="" aes="" alerts="" already="" an="" are="" beables="" buffer="" character="" characters="" closing="" connection.="" data="" decrypt="" disable="" discontinues="" email="" enable="" encrypt="" establishing="" flush="" flushes="" for="" forwarding="" in="" into="" key.="" level.="" mode="" network.="" no="" number="" of="" port="" profile="" removes="" retained="" returns="" sending="" serial="" sets="" sexit="" start="" td="" the="" to="" tun<="" tunnel="" tunnel.="" tunneling="" tunneling.="" upon="" use="" use.=""><td>default local port</td><td>Uses the default port number as the local port for accept mode tunneling. The default port is 10000 + #, where # is the line number for this tunnel.</td></number⟩></number></number></number></number></number></number></number></number></number></number></number></number></number></number>	default local port	Uses the default port number as the local port for accept mode tunneling. The default port is 10000 + #, where # is the line number for this tunnel.
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protocol ssl Displays the last 20 commands entered during the current CLI session. Uses SSL protocol for accept mode tunneling. Uses TCP protocol for accept mode tunneling. Uses TCP protocol with AES encryption for accept mode tunneling. Uses Telnet protocol (with IAC) for accept mode tunneling. Displays the current configuration. Displays the last 20 commands entered during the current CLI session.	password	Enters the next lower level.
protocol tcp Displays the last 20 commands entered during the current CLI session. Uses TCP protocol for accept mode tunneling. Uses TCP protocol with AES encryption for accept mode tunneling. Uses Telnet protocol (with IAC) for accept mode tunneling. Displays the current configuration. Displays the last 20 commands entered during the current CLI session.	protocol ssh	Uses SSH protocol for accept mode tunneling.
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show history Displays the last 20 commands entered during the currer CLI session.	protocol telnet	
CLI session.	show	Displays the current configuration.
show status Displays tunnel accept status.	show history	Displays the last 20 commands entered during the current CLI session.
	show status	Displays tunnel accept status.

start character <control></control>	Sets the accept mode start character. The character may be input as text, control, decimal, or hex. A control character has the form <control>C. A decimal value character has the form \99. A hex value character has the form 0xFF.</control>
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for accept mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
write	Stores the current configuration in permanent memory.
accept (tunnel-accept:1) level commands	
accept mode always	Enables the tunneling server to always accept tunneling connections.
accept mode any character	Enables the tunneling server to accept tunneling connections only when a character is received through the corresponding line (serial port).
accept mode disable	Disables accept mode tunneling.
accept mode modem control asserted	Enables the tunneling server to accept tunneling connections when the modem control pin is asserted.
accept mode modem emulation	Enables modem emulation for accept mode tunneling.
accept mode start character	Enables accept mode tunneling when the configured start character is received on the line.
aes decrypt key <hexadecimal></hexadecimal>	Sets the accept tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes decrypt key text < text>	Sets the accept tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
aes encrypt key <i><hexadecimal></hexadecimal></i>	Sets the accept tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes encrypt key text < <i>text</i> >	Sets the accept tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
block network disable	Forwards (tunnels) network data in accept mode tunneling.
block network enable	Discards all data coming in from the accept mode tunnel before forwarding it to the serial interface (generally used for debugging).
block serial disable	Forwards (tunnels) serial data in accept mode tunneling.
block serial enable	Discards all data coming in from the serial interface before forwarding it to the accept mode tunnel (generally used for debugging).
clrscrn	Clears the screen.
credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL server.

default accept mode	Restores the default accept mode as "always".
default local port	Uses the default port number as the local port for accept mode tunneling. The default port is 10000 + #, where # is the line number for this tunnel.
default protocol	Restores the default protocol as "TCP".
default start character	Defaults the accept mode start character.
default tcp keep alive	Restores the default 45 second accept mode TCP keep alive timeout.
email connect < number >	Sets an email profile to use to send an email alert upon establishing an accept mode tunnel. <number> = the number of the email profile to use.</number>
email disconnect < number>	Sets an email profile to use to send an email alert upon closing an accept mode tunnel. <number> = the number of the email profile to use.</number>
exit	Returns to the tunnel level.
flush serial disable	Characters already in the serial data buffer are retained upon establishing an accept mode tunneling connection.
flush serial enable	Flushes the serial data buffer upon establishing an accept mode tunneling connection.
flush start character disable	Enables forwarding of the accept start character into the network.
flush start character enable	Disables forwarding of the accept start character into the network.
kill connection	Disconnects the active accept mode tunneling connection.
local port < <i>number</i> >	Sets the port to use for accept mode tunneling. <number> = number of the port to use.</number>
no aes decrypt key	Removes the accept tunnel AES decrypt key.
no aes encrypt key	Removes the accept tunnel AES encrypt key.
no credentials	Clears the RSA/DSA certificate selection.
no email connect	Discontinues sending email alerts upon establishing an accept mode tunnel.
no email disconnect	Discontinues sending email alerts upon closing an accept mode tunnel.
no tcp keep alive	Disables the accept mode TCP keep alive timeout.
password	Enters the next lower level.
protocol ssh	Uses SSH protocol for accept mode tunneling.
protocol ssl	Uses SSL protocol for accept mode tunneling.
protocol tcp	Uses TCP protocol for accept mode tunneling.
protocol tcp aes	Uses TCP protocol with AES encryption for accept mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for accept mode tunneling.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show status	Displays tunnel accept status.
start character < control>	Sets the accept mode start character. The character may be input as text, control, decimal, or hex. A control character has the form <control>C. A decimal value character</control>

	has the form \99. A hex value character has the form 0xFF.
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for accept mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
write	Stores the current configuration in permanent memory.
action (config-action-select) level commands	
clrscrn	Clears the screen.
digital input 1 state change	Enters the digital input 1 state change alarm level.
digital input 2 state change	Enters the digital input 2 state change alarm level.
eth0 link state change	Enters the eth0 link state change alarm level.
exit	Exits to the config level.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
wwan0 link state change	Enters the wwan0 link state change alarm level.
arp (config-arp) level commands	
add <ip address=""> <mac address=""></mac></ip>	Adds an entry to the ARP table, mapping an IP address to a MAC address. <ip address=""> = IP address to be mapped. <mac address=""> = MAC address in colon-separated form.</mac></ip>
clrscrn	Clears the screen.
exit	Exits to the configuration level.
remove all	Removes all entries from the ARP cache.
remove ip <ip address=""></ip>	Removes an entry from the ARP cache. <ip address=""> = address of the entry being removed.</ip>
show cache	Displays the ARP cache table.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
cellular (config-cellular) level commands	
cellcom <path></path>	Run AT commands
clrscrn	Clears the screen.
exit	Returns to the config level.
gsm-1800 disable	Disables GSM-1800.
gsm-1800 enable	Enables GSM-1800.
gsm-1900 disable	Disables GSM-1900.
gsm-1900 enable	Enables GSM-1900.
gsm-850 disable	Disables GSM-850.
gsm-850 enable	Enables GSM-850.
gsm-900 disable	Disables GSM-900.
gsm-900 enable	Enables GSM-900.
lock	Lock the SIM with configured PIN.
lock <pin></pin>	Lock the SIM with PIN. <pin> = PIN. PIN is saved if the operation is successful.</pin>
lock <pin> <puk></puk></pin>	Lock the SIM with PIN and PUK. <pin> = PIN. <puk> = PUK. PIN is saved if the operation is successful.</puk></pin>

no pin	Clears the PIN.
no puk	Clears the PUK.
pin <text></text>	Sets the PIN. <text> = PIN.</text>
pin lock disable	Disables PIN lock.
pin lock enable	Enables PIN lock.
puk <text></text>	Sets the PUK. <text> = PUK.</text>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show status	Displays the Cellular status.
unlock	Unlock the SIM with configured PIN.
unlock <pin></pin>	Unlock the SIM with PIN. <pin> = PIN. PIN is saved if the operation is successful.</pin>
unlock <pin> <puk></puk></pin>	Unlock the SIM with PIN and PUK. <pin> = PIN. <puk> = PUK. PIN is saved if the operation is successful.</puk></pin>
write	Stores the current configuration in permanent memory.
cli (config-cli) level commands	
clrscrn	Clears the screen.
default inactivity timeout	The default inactivity timeout will apply to CLI sessions.
default login password	Restores the default CLI login password.
default quit connect line	Restores the default string to quit the "connect line", "telnet", and "ssh" commands.
enable level password <text></text>	Sets the enable-level password.
exit	Exits to the configuration level.
inactivity timeout <minutes></minutes>	Sets the inactivity timeout for all CLI sessions.
line authentication disable	No password required for Line CLI users.
line authentication enable	Challenges the Line CLI user with a password.
login password <text></text>	Sets the CLI login password.
no enable level password	Removes the enable-level password.
no inactivity timeout	No inactivity timeout will apply to CLI sessions.
quit connect line <control></control>	Sets the string used to quit the "connect line", "telnet", and "ssh" commands. The characters may be input as text or control. A control character has the form <control>C.</control>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh	Change to menu level for SSH configuration and status.
telnet	Change to menu level for Telnet configuration and status.
write	Stores the current configuration in permanent memory.
client (ssh-client) level commands	
clrscrn	Clears the screen.
default user <username> command</username>	Restore the user command to the default login shell
delete all known hosts	Remove all known hosts
delete all users	Remove all users
delete known host <server></server>	Remove known host

delete user <username></username>	Delete the named user
exit	Exits to the ssh level.
known host <server></server>	Set known host RSA or DSA key
no known host <server> dsa</server>	Remove known host DSA key
no known host <server> rsa</server>	Remove known host RSA key
no user < <i>username</i> > dsa	Remove user DSA key
no user < <i>username</i> > rsa	Remove user RSA key
show	Show SSH Client settings
show history	Displays the last 20 commands entered during the current CLI session.
show known host <server></server>	Show known host RSA and DSA keys
show user < <i>username</i> >	Show information for a user
user <username></username>	Set username and RSA or DSA keys
user <username> command <command/></username>	Customizes the user command
user <username> generate dsa 1024</username>	Generate DSA public and private keys
user <username> generate dsa 512</username>	Generate DSA public and private keys
user <username> generate dsa 768</username>	Generate DSA public and private keys
user <username> generate rsa 1024</username>	Generate RSA public and private keys
user <username> generate rsa 512</username>	Generate RSA public and private keys
user <username> generate rsa 768</username>	Generate RSA public and private keys
user <i><username></username></i> password <i><password></password></i>	Set username with password and optional RSA or DSA keys
write	Stores the current configuration in permanent memory.
clock (config-clock) level commands	
1	
clock set <time(hh:mm:ss)> <day (1-31)=""> <month text=""> <year></year></month></day></time(hh:mm:ss)>	Sets the system clock.
	Sets the system clock. Shows possible time zone names.
<year></year>	·
<pre><year> clock timezone</year></pre>	Shows possible time zone names. Sets the timezone to be displayed. Use "clock timezone"
<pre><year> clock timezone clock timezone <time zone=""></time></year></pre>	Shows possible time zone names. Sets the timezone to be displayed. Use "clock timezone" to show choices.
<pre></pre> clock timezone clock timezone <time zone=""> clrscrn</time>	Shows possible time zone names. Sets the timezone to be displayed. Use "clock timezone" to show choices. Clears the screen.
<pre><year> clock timezone clock timezone <time zone=""> clrscrn default clock timezone</time></year></pre>	Shows possible time zone names. Sets the timezone to be displayed. Use "clock timezone" to show choices. Clears the screen. Restores the default timezone, which is UTC. Restores the default time synchronization method (Manu-
<pre></pre> <pre></pre> clock timezone clock timezone <time zone=""> clrscrn default clock timezone default synchronization method</time>	Shows possible time zone names. Sets the timezone to be displayed. Use "clock timezone" to show choices. Clears the screen. Restores the default timezone, which is UTC. Restores the default time synchronization method (Manual).
<pre></pre> clock timezone clock timezone <time zone=""> clrscrn default clock timezone default synchronization method exit</time>	Shows possible time zone names. Sets the timezone to be displayed. Use "clock timezone" to show choices. Clears the screen. Restores the default timezone, which is UTC. Restores the default time synchronization method (Manual). Exits to the configuration level.
<pre></pre> clock timezone clock timezone <time zone=""> clrscrn default clock timezone default synchronization method exit ntp</time>	Shows possible time zone names. Sets the timezone to be displayed. Use "clock timezone" to show choices. Clears the screen. Restores the default timezone, which is UTC. Restores the default time synchronization method (Manual). Exits to the configuration level. Enters the next lower level.
<pre></pre> <pre><pear> clock timezone clock timezone <time zone=""> clrscrn default clock timezone default synchronization method exit ntp show</time></pear></pre>	Shows possible time zone names. Sets the timezone to be displayed. Use "clock timezone" to show choices. Clears the screen. Restores the default timezone, which is UTC. Restores the default time synchronization method (Manual). Exits to the configuration level. Enters the next lower level. Displays the current configuration. Displays the last 20 commands entered during the current
<pre></pre> clock timezone clock timezone <time zone=""> clrscrn default clock timezone default synchronization method exit ntp show show history</time>	Shows possible time zone names. Sets the timezone to be displayed. Use "clock timezone" to show choices. Clears the screen. Restores the default timezone, which is UTC. Restores the default time synchronization method (Manual). Exits to the configuration level. Enters the next lower level. Displays the current configuration. Displays the last 20 commands entered during the current CLI session.
<pre></pre> clock timezone clock timezone <time zone=""> clrscrn default clock timezone default synchronization method exit ntp show show history show system clock</time>	Shows possible time zone names. Sets the timezone to be displayed. Use "clock timezone" to show choices. Clears the screen. Restores the default timezone, which is UTC. Restores the default time synchronization method (Manual). Exits to the configuration level. Enters the next lower level. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Displays the system clock.
<pre></pre> <pre><pear> clock timezone clock timezone <time zone=""> clrscrn default clock timezone default synchronization method exit ntp show show history show system clock synchronization method manual synchronization method sntp write</time></pear></pre>	Shows possible time zone names. Sets the timezone to be displayed. Use "clock timezone" to show choices. Clears the screen. Restores the default timezone, which is UTC. Restores the default time synchronization method (Manual). Exits to the configuration level. Enters the next lower level. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Displays the system clock. Set time manually.
<pre></pre> clock timezone clock timezone <time zone=""> clrscrn default clock timezone default synchronization method exit ntp show show history show system clock synchronization method manual synchronization method sntp</time>	Shows possible time zone names. Sets the timezone to be displayed. Use "clock timezone" to show choices. Clears the screen. Restores the default timezone, which is UTC. Restores the default time synchronization method (Manual). Exits to the configuration level. Enters the next lower level. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Displays the system clock. Set time manually. Synchronize time with a NTP server.
<pre></pre> <pre><pear> clock timezone clock timezone <time zone=""> clrscrn default clock timezone default synchronization method exit ntp show show history show system clock synchronization method manual synchronization method sntp write</time></pear></pre>	Shows possible time zone names. Sets the timezone to be displayed. Use "clock timezone" to show choices. Clears the screen. Restores the default timezone, which is UTC. Restores the default time synchronization method (Manual). Exits to the configuration level. Enters the next lower level. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Displays the system clock. Set time manually. Synchronize time with a NTP server.

	status.
cellular	Enters the cellular level.
cli	Change to menu level for CLI configuration and status
clock	Change to menu level for Clock configuration and status
clrscrn	Clears the screen.
ddns	Enters the ddns level.
diagnostics	Enters the diagnostics level.
digital inputs	Enters the Digital Input level.
discovery	Enters the discovery level.
exit	Exits to the enable level.
ftp	Enters the ftp level.
gateway	Enters the gateway level.
host <number></number>	Change to config host level
http	Enters the http level.
icmp	Changes to the command level for ICMP configuration and status.
if <instance></instance>	Changes to the interface configuration level.
lip	Changes to the command level for IP configuration and status.
kill ssh <session></session>	Kills SSH session with index from "show sessions"
kill telnet <session></session>	Kills Telnet session with index from "show sessions"
relays	Enters the relay level.
rss	Change to menu level for RSS configuration and status
show	Displays system information.
show history	Displays the last 20 commands entered during the current CLI session.
sms	Enters the sms level.
smtp	Changes to the command level for SMTP configuration and status.
snmp	Enters the snmp level.
syslog	Enters the syslog level.
terminal <line></line>	Enters the configure-terminal level. line> = number of the terminal line (serial port) to be configured.
terminal network	Enters the configure-terminal level for the network.
write	Stores the current configuration in permanent memory.
connect (tunnel-connect:2) level commands	
block network disable	Forwards (tunnels) network data in connect mode tunneling.
block network enable	Discards all data coming in from the connect mode tunnel before forwarding it to the serial interface (generally used for debugging).
block serial disable	Forwards (tunnels) serial data in connect mode tunneling.
block serial enable	Discards all data coming in from the serial interface before forwarding it to the connect mode tunnel (generally used for debugging).
clrscrn	Clears the screen.

Enables the tunneling server to always establish tunneling connections.
Enables the tunneling server to establish a tunneling connection when a character is received on the corresponding line (serial port).
Disables connect mode tunneling.
Enables the tunneling server to make tunneling connections when the modem control pin is asserted.
Enables modem emulation for connect mode tunneling.
Enables connect mode tunneling when the configured start character is received on the line.
Restores the default connect mode as "disable".
Connects to the first host in the list that accepts the connection.
Uses a random port number as the local port for establishing tunneling connections to other devices.
Restores the default reconnect time value for connect mode tunneling.
Defaults the connect mode start character.
Sets an email profile to use to send an email alert upon establishing a connect mode tunnel. <number> = the number of the email profile to use.</number>
Sets an email profile to use to send an email alert upon closing a connect mode tunnel. <number> = the number of the email profile to use.</number>
Returns to the tunnel level.
Characters already in the serial data buffer are retained upon establishing a connect mode tunneling connection.
Flushes the serial data buffer upon establishing a connect mode tunneling connection.
Enables forwarding of the connect start character into the network.
Disables forwarding of the connect start character into the network.
Enters the next lower level. Specify the instance for the next lower level.
Connects to the first host in the list that accepts the connection.
Selects simultaneous connections to all hosts on the host list.
Disconnects the active connect mode tunneling connection or connections.
Sets a specific port for use as the local port. <number> = the number of the port to use.</number>
Discontinues sending email alerts upon establishing a connect mode tunnel.
Discontinues sending email alerts upon closing a connect mode tunnel.
Promotes the identified host, exchanging it place with the host above it, to adjust the order of the defined hosts.

reconnect time <milliseconds></milliseconds>	Sets the reconnect time value for tunneling connections established by the device in milliseconds. <milliseconds> = timeout in milliseconds.</milliseconds>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show status	Displays tunnel connect status.
start character <control></control>	Sets the connect mode start character. The character may be input as text, control, decimal, or hex. A control character has the form <control>C. A decimal value character has the form \99. A hex value character has the form 0xFF.</control>
write	Stores the current configuration in permanent memory.
connect (tunnel-connect:1) level commands	
block network disable	Forwards (tunnels) network data in connect mode tunneling.
block network enable	Discards all data coming in from the connect mode tunnel before forwarding it to the serial interface (generally used for debugging).
block serial disable	Forwards (tunnels) serial data in connect mode tunneling.
block serial enable	Discards all data coming in from the serial interface before forwarding it to the connect mode tunnel (generally used for debugging).
clrscrn	Clears the screen.
connect mode always	Enables the tunneling server to always establish tunneling connections.
connect mode any character	Enables the tunneling server to establish a tunneling con- nection when a character is received on the correspond- ing line (serial port).
connect mode disable	Disables connect mode tunneling.
connect mode modem control asserted	Enables the tunneling server to make tunneling connections when the modem control pin is asserted.
connect mode modem emulation	Enables modem emulation for connect mode tunneling.
connect mode start character	Enables connect mode tunneling when the configured start character is received on the line.
default connect mode	Restores the default connect mode as "disable".
default host mode	Connects to the first host in the list that accepts the connection.
default local port	Uses a random port number as the local port for establishing tunneling connections to other devices.
default reconnect time	Restores the default reconnect time value for connect mode tunneling.
default start character	Defaults the connect mode start character.
email connect < <i>number</i> >	Sets an email profile to use to send an email alert upon establishing a connect mode tunnel. <number> = the number of the email profile to use.</number>
email disconnect < <i>number</i> >	Sets an email profile to use to send an email alert upon closing a connect mode tunnel. <number> = the number of the email profile to use.</number>
exit	Returns to the tunnel level.

flush serial disable	Characters already in the serial data buffer are retained upon establishing a connect mode tunneling connection.
flush serial enable	Flushes the serial data buffer upon establishing a connect mode tunneling connection.
flush start character disable	Enables forwarding of the connect start character into the network.
flush start character enable	Disables forwarding of the connect start character into the network.
host <instance></instance>	Enters the next lower level. Specify the instance for the next lower level.
host mode sequential	Connects to the first host in the list that accepts the connection.
host mode simultaneous	Selects simultaneous connections to all hosts on the host list.
kill connection	Disconnects the active connect mode tunneling connection or connections.
local port < <i>number</i> >	Sets a specific port for use as the local port. <number> = the number of the port to use.</number>
no email connect	Discontinues sending email alerts upon establishing a connect mode tunnel.
no email disconnect	Discontinues sending email alerts upon closing a connect mode tunnel.
promote host <number></number>	Promotes the identified host, exchanging it place with the host above it, to adjust the order of the defined hosts.
reconnect time <milliseconds></milliseconds>	Sets the reconnect time value for tunneling connections established by the device in milliseconds. <milliseconds> = timeout in milliseconds.</milliseconds>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show status	Displays tunnel connect status.
start character <control></control>	Sets the connect mode start character. The character may be input as text, control, decimal, or hex. A control character has the form <control>C. A decimal value character has the form \99. A hex value character has the form 0xFF.</control>
write	Stores the current configuration in permanent memory.
connection 1 (config-action-http_post-connection:www	an0 link state change:1) level commands
clrscrn	Clears the screen.
default port	Sets default Port number.
default protocol	Sets default HTTP Protocol.
exit	Exits to the next higher level.
host <text></text>	Sets HTTP server IP address or hostname to be connected to.
no host	Clears HTTP server IP address or hostname.
no password	Clears the Password.
no url	Clears HTTP request URL.
no username	Clears the Username.
password <text></text>	Sets the Password used to logon to HTTP server.

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port <number></number>	Sets the Port number which HTTP server is listening to.
protocol http	Selects HTTP Protocol.
protocol https	Selects HTTPS Protocol.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
url <text></text>	Sets HTTP request URL following IP address or host- name.
username <text></text>	Sets the Username used to logon to HTTP server.
write	Stores the current configuration in permanent memory.
connection 1 (config-action-ftp_put-connection:wwant	link state change:1) level commands
clrscrn	Clears the screen.
default filename	Sets default FTP remote Filename.
default port	Sets default Port number.
default protocol	Sets default FTP Protocol.
default username	Sets default Username.
exit	Exits to the next higher level.
filename <text></text>	Sets FTP remote Filename.
host <text></text>	Sets FTP server IP address or hostname to be connected to.
no host	Clears FTP server IP address or hostname.
no password	Sets default Password.
password <text></text>	Sets the Password used to logon to FTP server.
port < <i>number</i> >	Sets the Port number which FTP server is listening to.
protocol ftp	Selects FTP Protocol.
protocol ftps	Selects FTPS Protocol.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
username <text></text>	Sets the Username used to logon to FTP server.
write	Stores the current configuration in permanent memory.
connection 1 (config-action-http_post-connection:eth0	link state change:1) level commands
clrscrn	Clears the screen.
default port	Sets default Port number.
default protocol	Sets default HTTP Protocol.
exit	Exits to the next higher level.
host <text></text>	Sets HTTP server IP address or hostname to be connected to.
no host	Clears HTTP server IP address or hostname.
no password	Clears the Password.
no url	Clears HTTP request URL.
no username	Clears the Username.
password <text></text>	Sets the Password used to logon to HTTP server.
port < <i>number</i> >	Sets the Port number which HTTP server is listening to.
protocol http	Selects HTTP Protocol.

protocol https	Selects HTTPS Protocol.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
url <text></text>	Sets HTTP request URL following IP address or host- name.
username <text></text>	Sets the Username used to logon to HTTP server.
write	Stores the current configuration in permanent memory.
connection 1 (config-action-ftp_put-connection:eth0 lin	nk state change:1) level commands
clrscrn	Clears the screen.
default filename	Sets default FTP remote Filename.
default port	Sets default Port number.
default protocol	Sets default FTP Protocol.
default username	Sets default Username.
exit	Exits to the next higher level.
filename <text></text>	Sets FTP remote Filename.
host <text></text>	Sets FTP server IP address or hostname to be connected to.
no host	Clears FTP server IP address or hostname.
no password	Sets default Password.
password <text></text>	Sets the Password used to logon to FTP server.
port < <i>number</i> >	Sets the Port number which FTP server is listening to.
protocol ftp	Selects FTP Protocol.
protocol ftps	Selects FTPS Protocol.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
username < <i>text</i> >	Sets the Username used to logon to FTP server.
write	Stores the current configuration in permanent memory.
connection 1 (config-action-http_post-connection:digital	tal input 2 state change:1) level commands
clrscrn	Clears the screen.
default port	Sets default Port number.
default protocol	Sets default HTTP Protocol.
exit	Exits to the next higher level.
host <text></text>	Sets HTTP server IP address or hostname to be connected to.
no host	Clears HTTP server IP address or hostname.
no password	Clears the Password.
no url	Clears HTTP request URL.
no username	Clears the Username.
password <text></text>	Sets the Password used to logon to HTTP server.
port < <i>number</i> >	Sets the Port number which HTTP server is listening to.
protocol http	Selects HTTP Protocol.
protocol https	Selects HTTPS Protocol.
show	Shows the current configuration.

show history	Displays the lest 20 commands entered district with
show history	Displays the last 20 commands entered during the current CLI session.
url <text></text>	Sets HTTP request URL following IP address or host-name.
username <text></text>	Sets the Username used to logon to HTTP server.
write	Stores the current configuration in permanent memory.
connection 1 (config-action-ftp_put-connection:digita	l input 2 state change:1) level commands
clrscrn	Clears the screen.
default filename	Sets default FTP remote Filename.
default port	Sets default Port number.
default protocol	Sets default FTP Protocol.
default username	Sets default Username.
exit	Exits to the next higher level.
filename <text></text>	Sets FTP remote Filename.
host <text></text>	Sets FTP server IP address or hostname to be connected to.
no host	Clears FTP server IP address or hostname.
no password	Sets default Password.
password <text></text>	Sets the Password used to logon to FTP server.
port < <i>number</i> >	Sets the Port number which FTP server is listening to.
protocol ftp	Selects FTP Protocol.
protocol ftps	Selects FTPS Protocol.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
username <text></text>	Sets the Username used to logon to FTP server.
write	Stores the current configuration in permanent memory.
connection 1 (config-action-http_post-connection:dig	ital input 1 state change:1) level commands
clrscrn	Clears the screen.
default port	Sets default Port number.
default protocol	Sets default HTTP Protocol.
exit	Exits to the next higher level.
host <text></text>	Sets HTTP server IP address or hostname to be connected to.
no host	Clears HTTP server IP address or hostname.
no password	Clears the Password.
no url	Clears HTTP request URL.
no username	Clears the Username.
password <text></text>	Sets the Password used to logon to HTTP server.
port < <i>number</i> >	Sets the Port number which HTTP server is listening to.
protocol http	Selects HTTP Protocol.
protocol https	Selects HTTPS Protocol.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.

url <text></text>	Sets HTTP request URL following IP address or host-name.
username <text></text>	Sets the Username used to logon to HTTP server.
write	Stores the current configuration in permanent memory.
connection 1 (config-action-ftp_put-connection:digital	l input 1 state change:1) level commands
clrscrn	Clears the screen.
default filename	Sets default FTP remote Filename.
default port	Sets default Port number.
default protocol	Sets default FTP Protocol.
default username	Sets default Username.
exit	Exits to the next higher level.
filename <text></text>	Sets FTP remote Filename.
host <text></text>	Sets FTP server IP address or hostname to be connected to.
no host	Clears FTP server IP address or hostname.
no password	Sets default Password.
password <text></text>	Sets the Password used to logon to FTP server.
port <number></number>	Sets the Port number which FTP server is listening to.
protocol ftp	Selects FTP Protocol.
protocol ftps	Selects FTPS Protocol.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
username <text></text>	Sets the Username used to logon to FTP server.
write	Stores the current configuration in permanent memory.
connection 2 (config-action-http_post-connection:wv	van0 link state change:2) level commands
clrscrn	Clears the screen.
default port	Sets default Port number.
default protocol	Sets default HTTP Protocol.
exit	Exits to the next higher level.
host <text></text>	Sets HTTP server IP address or hostname to be connected to.
no host	Clears HTTP server IP address or hostname.
no password	Clears the Password.
no url	Clears HTTP request URL.
no username	Clears the Username.
password <text></text>	Sets the Password used to logon to HTTP server.
port < <i>number</i> >	Sets the Port number which HTTP server is listening to.
protocol http	Selects HTTP Protocol.
protocol https	Selects HTTPS Protocol.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
url <text></text>	Sets HTTP request URL following IP address or host-name.

username <text></text>	Sets the Username used to logon to HTTP server.
write	Stores the current configuration in permanent memory.
	ection:wwan0 link state change:2) level commands
clrscrn	Clears the screen.
default filename	Sets default FTP remote Filename.
default port	Sets default Port number.
default protocol	Sets default FTP Protocol.
default username	Sets default Username.
exit	Exits to the next higher level.
filename <text></text>	Sets FTP remote Filename.
host <text></text>	Sets FTP server IP address or hostname to be connected to.
no host	Clears FTP server IP address or hostname.
no password	Sets default Password.
password <text></text>	Sets the Password used to logon to FTP server.
port < <i>number</i> >	Sets the Port number which FTP server is listening to.
protocol ftp	Selects FTP Protocol.
protocol ftps	Selects FTPS Protocol.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
username <text></text>	Sets the Username used to logon to FTP server.
write	Stores the current configuration in permanent memory.
connection 2 (config-action-http_post-con	nnection:eth0 link state change:2) level commands
clrscrn	Clears the screen.
default port	Sets default Port number.
default port default protocol	Sets default Port number. Sets default HTTP Protocol.
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default protocol	Sets default HTTP Protocol.
default protocol exit	Sets default HTTP Protocol. Exits to the next higher level. Sets HTTP server IP address or hostname to be connect-
default protocol exit host <text></text>	Sets default HTTP Protocol. Exits to the next higher level. Sets HTTP server IP address or hostname to be connected to.
default protocol exit host <text> no host</text>	Sets default HTTP Protocol. Exits to the next higher level. Sets HTTP server IP address or hostname to be connected to. Clears HTTP server IP address or hostname.
default protocol exit host <text> no host no password</text>	Sets default HTTP Protocol. Exits to the next higher level. Sets HTTP server IP address or hostname to be connected to. Clears HTTP server IP address or hostname. Clears the Password.
default protocol exit host <text> no host no password no url</text>	Sets default HTTP Protocol. Exits to the next higher level. Sets HTTP server IP address or hostname to be connected to. Clears HTTP server IP address or hostname. Clears the Password. Clears HTTP request URL.
default protocol exit host <text> no host no password no url no username</text>	Sets default HTTP Protocol. Exits to the next higher level. Sets HTTP server IP address or hostname to be connected to. Clears HTTP server IP address or hostname. Clears the Password. Clears HTTP request URL. Clears the Username.
default protocol exit host <text> no host no password no url no username password <text></text></text>	Sets default HTTP Protocol. Exits to the next higher level. Sets HTTP server IP address or hostname to be connected to. Clears HTTP server IP address or hostname. Clears the Password. Clears HTTP request URL. Clears the Username. Sets the Password used to logon to HTTP server.
default protocol exit host <text> no host no password no url no username password <text> port <number></number></text></text>	Sets default HTTP Protocol. Exits to the next higher level. Sets HTTP server IP address or hostname to be connected to. Clears HTTP server IP address or hostname. Clears the Password. Clears HTTP request URL. Clears the Username. Sets the Password used to logon to HTTP server. Sets the Port number which HTTP server is listening to.
default protocol exit host <text> no host no password no url no username password <text> port <number> protocol http</number></text></text>	Sets default HTTP Protocol. Exits to the next higher level. Sets HTTP server IP address or hostname to be connected to. Clears HTTP server IP address or hostname. Clears the Password. Clears HTTP request URL. Clears the Username. Sets the Password used to logon to HTTP server. Sets the Port number which HTTP server is listening to. Selects HTTP Protocol.
default protocol exit host <text> no host no password no url no username password <text> port <number> protocol http protocol https</number></text></text>	Sets default HTTP Protocol. Exits to the next higher level. Sets HTTP server IP address or hostname to be connected to. Clears HTTP server IP address or hostname. Clears the Password. Clears HTTP request URL. Clears the Username. Sets the Password used to logon to HTTP server. Sets the Port number which HTTP server is listening to. Selects HTTP Protocol. Selects HTTPS Protocol.
default protocol exit host <text> no host no password no url no username password <text> port <number> protocol http protocol https show</number></text></text>	Sets default HTTP Protocol. Exits to the next higher level. Sets HTTP server IP address or hostname to be connected to. Clears HTTP server IP address or hostname. Clears the Password. Clears HTTP request URL. Clears the Username. Sets the Password used to logon to HTTP server. Sets the Port number which HTTP server is listening to. Selects HTTP Protocol. Selects HTTPS Protocol. Shows the current configuration. Displays the last 20 commands entered during the current
default protocol exit host <text> no host no password no url no username password <text> port <number> protocol http protocol https show show history</number></text></text>	Sets default HTTP Protocol. Exits to the next higher level. Sets HTTP server IP address or hostname to be connected to. Clears HTTP server IP address or hostname. Clears the Password. Clears HTTP request URL. Clears the Username. Sets the Password used to logon to HTTP server. Sets the Port number which HTTP server is listening to. Selects HTTP Protocol. Selects HTTPS Protocol. Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Sets HTTP request URL following IP address or host-

connection 2 (config-action-ftp_put-connection:eth(0 link state change:2) level commands
clrscrn	Clears the screen.
default filename	Sets default FTP remote Filename.
default port	Sets default Port number.
default protocol	Sets default FTP Protocol.
default username	Sets default Username.
exit	Exits to the next higher level.
filename <text></text>	Sets FTP remote Filename.
host <text></text>	Sets FTP server IP address or hostname to be connected to.
no host	Clears FTP server IP address or hostname.
no password	Sets default Password.
password <text></text>	Sets the Password used to logon to FTP server.
port < <i>number</i> >	Sets the Port number which FTP server is listening to.
protocol ftp	Selects FTP Protocol.
protocol ftps	Selects FTPS Protocol.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
username <text></text>	Sets the Username used to logon to FTP server.
write	Stores the current configuration in permanent memory.
connection 2 (config-action-http_post-connection:d	igital input 2 state change:2) level commands
clrscrn	Clears the screen.
default port	Sets default Port number.
default protocol	Sets default HTTP Protocol.
exit	Exits to the next higher level.
host <text></text>	Sets HTTP server IP address or hostname to be connected to.
no host	Clears HTTP server IP address or hostname.
no password	Clears the Password.
no url	Clears HTTP request URL.
no username	Clears the Username.
password <text></text>	Sets the Password used to logon to HTTP server.
port < <i>number</i> >	Sets the Port number which HTTP server is listening to.
protocol http	Selects HTTP Protocol.
protocol https	Selects HTTPS Protocol.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
url < <i>text</i> >	Sets HTTP request URL following IP address or host-name.
username <text></text>	Sets the Username used to logon to HTTP server.
write	Stores the current configuration in permanent memory.
connection 2 (config-action-ftp_put-connection:digi	tal input 2 state change:2) level commands
clrscrn	Clears the screen.

default filename Sets default FTP remote Filename. default port Sets default Port number. default protocol Sets default FTP Protocol. default username Sets default Username. exit Exits to the next higher level. filename <text> Sets FTP remote Filename. host <text> Sets FTP server IP address or hostname to be conto.</text></text>	
default protocol default username Sets default Username. Exits to the next higher level. filename <text> Sets FTP remote Filename. Sets FTP server IP address or hostname to be considered and the sets of t</text>	
default username Exit Exits to the next higher level. filename <text> Sets FTP remote Filename. host <text> Sets FTP server IP address or hostname to be constant.</text></text>	
exit Exits to the next higher level. filename <text> Sets FTP remote Filename. host <text> Sets FTP server IP address or hostname to be constant.</text></text>	
filename <text> Sets FTP remote Filename. host <text> Sets FTP server IP address or hostname to be co</text></text>	
host <text> Sets FTP server IP address or hostname to be co</text>	
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no host Clears FTP server IP address or hostname.	
no password Sets default Password.	
password <text> Sets the Password used to logon to FTP server.</text>	
port <number> Sets the Port number which FTP server is listening</number>	ig to.
protocol ftp Selects FTP Protocol.	
protocol ftps Selects FTPS Protocol.	
show Shows the current configuration.	
show history Displays the last 20 commands entered during the CLI session.	e current
username <text> Sets the Username used to logon to FTP server.</text>	
write Stores the current configuration in permanent me	mory.
connection 2 (config-action-http_post-connection:digital input 1 state change:2) level commands	
clrscrn Clears the screen.	
default port Sets default Port number.	
default protocol Sets default HTTP Protocol.	
exit Exits to the next higher level.	
host <text> Sets HTTP server IP address or hostname to be ded to.</text>	connect-
no host Clears HTTP server IP address or hostname.	
no password Clears the Password.	
no url Clears HTTP request URL.	
no username Clears the Username.	
password <text> Sets the Password used to logon to HTTP server.</text>	-
port <number> Sets the Port number which HTTP server is listen</number>	ing to.
protocol http Selects HTTP Protocol.	
protocol https Selects HTTPS Protocol.	
show Shows the current configuration.	
show history Displays the last 20 commands entered during the CLI session.	e current
url <text> Sets HTTP request URL following IP address or h name.</text>	nost-
username <text> Sets the Username used to logon to HTTP server</text>	
write Stores the current configuration in permanent me	mory.
connection 2 (config-action-ftp_put-connection:digital input 1 state change:2) level commands	
clrscrn Clears the screen.	
default filename Sets default FTP remote Filename.	
default port Sets default Port number.	

default protocol	Sets default FTP Protocol.
default username	Sets default Username.
exit	Exits to the next higher level.
filename <text></text>	Sets FTP remote Filename.
host <text></text>	Sets FTP server IP address or hostname to be connected
TIOST STOAT	to.
no host	Clears FTP server IP address or hostname.
no password	Sets default Password.
password <text></text>	Sets the Password used to logon to FTP server.
port <number></number>	Sets the Port number which FTP server is listening to.
protocol ftp	Selects FTP Protocol.
protocol ftps	Selects FTPS Protocol.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
username <text></text>	Sets the Username used to logon to FTP server.
write	Stores the current configuration in permanent memory.
credentials (ssl-credentials) level commands	
clrscrn	Clears the screen.
create <credential name=""></credential>	Create a new credential name
delete <credential name=""></credential>	Delete existing credential by name
edit <credential name=""></credential>	View or edit an existing profile
exit	Exits to the ssl level.
show	Show existing credential names
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
ddns (config-ddns) level commands	
clrscrn	Clears the screen.
default interval	Restores the default IP Address check interval.
exit	Returns to the config level.
hostname <text></text>	Sets the DDNS hostname.
interval <minutes></minutes>	Sets the IP Address check interval.
no hostname	Clear DDNS hostname.
no password	Clear DDNS account password.
no username	Clear DDNS account user name.
password <text></text>	Sets the DDNS account password.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show status	Show DDNS status
state disable	Disables DDNS updates.
state enable	Enables DDNS updates.
update ddns	Update DDNS

username <text></text>	Sets the DDNS account user name.
write	Stores the current configuration in permanent memory.
device (device) level commands	
auto show tlog	Continuously displays the internal trouble log.
cirscrn	Clears the screen.
exit	Exit to the enable level.
show	Show system information
show hardware information	Displays information about the hardware.
show history	Displays the last 20 commands entered during the current CLI session.
show memory	Displays current memory usage information.
show task state	Displays current task states.
show tlog	Displays the internal trouble log.
write	Stores the current configuration in permanent memory.
dhcpserver (config-dhcpd) level commands	
clrscrn	Clears the screen.
default end ip address	Restores end IP address of DHCP address pool to the default value.
default lease time	Restores the lease time to default value (24 hours).
default start ip address	Restores start IP address of DHCP address pool to the default value.
delete all static leases	Deletes all static leases.
delete static lease <instance></instance>	Deletes an entry from the static lease table <instance> = index of the entry being removed</instance>
end ip address <ip address=""></ip>	Sets the end IP address of DHCP address pool.
exit	Returns to the previous level.
lease time <hours></hours>	Sets the lease time. <number> = lease time in hours.</number>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
start ip address <ip address=""></ip>	Sets the start IP address of DHCP address pool.
state disable	Disables DHCP server.
state enable	Enables DHCP server.
static leases <number></number>	Change to dhcpd static lease level.
write	Stores the current configuration in permanent memory.
diagnostics (config-diagnostics) level command	s
clrscrn	Clears the screen.
exit	Returns to the config level.
log	Enters the next lower level.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
digital input 1 (config-digital-input:1) level comm	nands
clrscrn	Clears the screen.

default normal state	Restores the default value to normal state of digital input
	(Low).
digital input < <i>number</i> >	Change to config digital input instance level
exit	Exits to the config-digital-input level.
no title	Restores the default title of Digital Input N, where N is the digital input number.
normal state high	Sets normal state of digital input as High.
normal state low	Sets normal state of digital input as Low.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show status	Displays status.
title <text></text>	Customize how the digital input status will appear in the CLI, Web Manager, and XML status.
write	Stores the current configuration in permanent memory.
digital input 1 state change (config-action:digital input	1 state change) level commands
clrscrn	Clears the screen.
default delay	Resets alarm processing delay to its default value.
delay <seconds></seconds>	Sets the delay in processing the alarm. Alarm actions will not be executed if the cause is corrected within this time.
email	Enters the next lower level.
exit	Exits to the config alarm level.
ftp put	Enters the next lower level.
gprs roaming	Enters the next lower level.
http post	Enters the next lower level.
relay	Enters the next lower level.
send sms	Enters the next lower level.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show status	Displays statistics.
snmp trap	Enters the next lower level.
write	Stores the current configuration in permanent memory.
digital input 2 (config-digital-input:2) level commands	
clrscrn	Clears the screen.
default normal state	Restores the default value to normal state of digital input (Low).
digital input < <i>number</i> >	Change to config digital input instance level
exit	Exits to the config-digital-input level.
no title	Restores the default title of Digital Input N, where N is the digital input number.
normal state high	Sets normal state of digital input as High.
normal state low	Sets normal state of digital input as Low.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.

show status	Displays status.
title <text></text>	Customize how the digital input status will appear in the CLI, Web Manager, and XML status.
write	Stores the current configuration in permanent memory.
digital input 2 state change (config-action:digital input	it 2 state change) level commands
clrscrn	Clears the screen.
default delay	Resets alarm processing delay to its default value.
delay <seconds></seconds>	Sets the delay in processing the alarm. Alarm actions will not be executed if the cause is corrected within this time.
email	Enters the next lower level.
exit	Exits to the config alarm level.
ftp put	Enters the next lower level.
gprs roaming	Enters the next lower level.
http post	Enters the next lower level.
relay	Enters the next lower level.
send sms	Enters the next lower level.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show status	Displays statistics.
snmp trap	Enters the next lower level.
write	Stores the current configuration in permanent memory.
digital inputs (config-digital-inputs) level commands	
clrscrn	Clears the screen.
digital input < <i>number</i> >	Change to config digital input instance level
exit	Returns to the config level.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
disconnect (tunnel-disconnect:2) level commands	
clrscrn	Clears the screen.
exit	Returns to the tunnel level.
flush serial disable	Does not flush serial data upon closing a tunneling connection.
flush serial enable	Flushes serial data buffer when a tunneling connection is closed.
flush stop character disable	Forwards the stop character from the Line to the network.
flush stop character enable	Prevents the stop character from the Line from being forwarded to the network.
modem control disable	Does not watch the modem control pin to disconnect.
modem control enable	Watches the modem control pin and disconnects if it is not asserted.
no stop character	Removes the stop character.
no timeout	Disables disconnect after timeout feature for tunneling sessions.
show	Displays the current configuration.

Displays the last 20 commands entered during the current CLI session.
Sets the stop character. The character may be input as text, control, decimal, or hex. A control character has the form <control>C. A decimal value character has the form \99. A hex value character has the form 0xFF.</control>
Disconnects when no data has been received on the line (serial port) for the specified length of time. <milliseconds> = timeout in milliseconds.</milliseconds>
Stores the current configuration in permanent memory.
Clears the screen.
Returns to the tunnel level.
Does not flush serial data upon closing a tunneling connection.
Flushes serial data buffer when a tunneling connection is closed.
Forwards the stop character from the Line to the network.
Prevents the stop character from the Line from being forwarded to the network.
Does not watch the modem control pin to disconnect.
Watches the modem control pin and disconnects if it is not asserted.
Removes the stop character.
Disables disconnect after timeout feature for tunneling sessions.
Displays the current configuration.
Displays the last 20 commands entered during the current CLI session.
Sets the stop character. The character may be input as text, control, decimal, or hex. A control character has the form <control>C. A decimal value character has the form \99. A hex value character has the form 0xFF.</control>
Disconnects when no data has been received on the line (serial port) for the specified length of time. <milliseconds> = timeout in milliseconds.</milliseconds>
Stores the current configuration in permanent memory.
Zeros Query Port counters
Clears the screen.
Resets the UPnP Server port to its default value (0x77FF).
Returns to the config level.
Unzeros Query Port counters
Displays the current configuration.
Displays the last 20 commands entered during the current CLI session.
Displays statistics and information about the discovery services.

state disable	Disables the Query Port server.
state enable	Enables the Query Port server.
upnp port <number></number>	Sets the port number the UPnP server will use. <number> = port number.</number>
upnp state disable	Disables the UPnP server.
upnp state enable	Enables the UPnP server.
write	Stores the current configuration in permanent memory.
dns (dns) level commands	
clrscrn	Clears the screen.
exit	Exits to the enable level.
lookup <host_or_ip></host_or_ip>	Return a lookup on the DNS name or IP address.
show	Show DNS status.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
email (config-action-email:wwan0 link state change) le	vel commands
alarm email email < <i>number</i> >	Specifies the email number to send when the alarm turns on.
alarm email none	Specifies no email when the alarm turns on.
alarm message <text></text>	Sets the email message to be sent when the alarm turns on.
alarm reminder interval <minutes></minutes>	Sets the time interval that messages will be sent while the alarm remains on.
clrscrn	Clears the screen.
default alarm email	Specifies no email when the alarm turns on.
default normal email	Specifies no email when the alarm turns off.
exit	Exits to the next higher level.
no alarm message	Removes the alarm email message.
no alarm reminder interval	Only one message will be sent when the alarm turns on.
no normal message	Removes the normal email message.
no normal reminder interval	Only one message will be sent when the alarm turns off.
normal email < <i>number</i> >	Specifies the email number to send when the alarm turns off.
normal email none	Specifies no email when the alarm turns off.
normal message <text></text>	Sets the email message to be sent when the alarm turns off.
normal reminder interval <minutes></minutes>	Sets the time interval that messages will be sent while the alarm remains off.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
email (config-action-email:eth0 link state change) leve	l commands
alarm email email < <i>number</i> >	Specifies the email number to send when the alarm turns on.
alarm email none	Specifies no email when the alarm turns on.

clarm massage stoyt	Cata the amail massage to be cent when the clarm turns
alarm message <text></text>	Sets the email message to be sent when the alarm turns on.
alarm reminder interval <minutes></minutes>	Sets the time interval that messages will be sent while the alarm remains on.
clrscrn	Clears the screen.
default alarm email	Specifies no email when the alarm turns on.
default normal email	Specifies no email when the alarm turns off.
exit	Exits to the next higher level.
no alarm message	Removes the alarm email message.
no alarm reminder interval	Only one message will be sent when the alarm turns on.
no normal message	Removes the normal email message.
no normal reminder interval	Only one message will be sent when the alarm turns off.
normal email < <i>number</i> >	Specifies the email number to send when the alarm turns off.
normal email none	Specifies no email when the alarm turns off.
normal message <text></text>	Sets the email message to be sent when the alarm turns off.
normal reminder interval <minutes></minutes>	Sets the time interval that messages will be sent while the alarm remains off.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
write email (config-action-email:digital input 2 state change)	
email (config-action-email:digital input 2 state change)	level commands Specifies the email number to send when the alarm turns
email (config-action-email:digital input 2 state change) alarm email email < number>	level commands Specifies the email number to send when the alarm turns on.
email (config-action-email:digital input 2 state change) alarm email email < number> alarm email none	Ievel commands Specifies the email number to send when the alarm turns on. Specifies no email when the alarm turns on. Sets the email message to be sent when the alarm turns
email (config-action-email:digital input 2 state change) alarm email email < number> alarm email none alarm message < text>	Ievel commands Specifies the email number to send when the alarm turns on. Specifies no email when the alarm turns on. Sets the email message to be sent when the alarm turns on. Sets the time interval that messages will be sent while the
email (config-action-email:digital input 2 state change) alarm email email <number> alarm email none alarm message <text> alarm reminder interval <minutes></minutes></text></number>	Specifies the email number to send when the alarm turns on. Specifies no email when the alarm turns on. Sets the email message to be sent when the alarm turns on. Sets the time interval that messages will be sent while the alarm remains on.
email (config-action-email:digital input 2 state change) alarm email email <number> alarm email none alarm message <text> alarm reminder interval <minutes></minutes></text></number>	Specifies the email number to send when the alarm turns on. Specifies no email when the alarm turns on. Sets the email message to be sent when the alarm turns on. Sets the time interval that messages will be sent while the alarm remains on. Clears the screen.
email (config-action-email:digital input 2 state change) alarm email email <number> alarm email none alarm message <text> alarm reminder interval <minutes> clrscrn default alarm email</minutes></text></number>	Specifies the email number to send when the alarm turns on. Specifies no email when the alarm turns on. Sets the email message to be sent when the alarm turns on. Sets the time interval that messages will be sent while the alarm remains on. Clears the screen. Specifies no email when the alarm turns on.
email (config-action-email:digital input 2 state change) alarm email email <number> alarm email none alarm message <text> alarm reminder interval <minutes> clrscrn default alarm email default normal email</minutes></text></number>	Specifies the email number to send when the alarm turns on. Specifies no email when the alarm turns on. Sets the email message to be sent when the alarm turns on. Sets the time interval that messages will be sent while the alarm remains on. Clears the screen. Specifies no email when the alarm turns on. Specifies no email when the alarm turns off.
email (config-action-email:digital input 2 state change) alarm email email <number> alarm email none alarm message <text> alarm reminder interval <minutes> clrscrn default alarm email default normal email exit</minutes></text></number>	Specifies the email number to send when the alarm turns on. Specifies no email when the alarm turns on. Sets the email message to be sent when the alarm turns on. Sets the time interval that messages will be sent while the alarm remains on. Clears the screen. Specifies no email when the alarm turns on. Specifies no email when the alarm turns off. Exits to the next higher level.
email (config-action-email:digital input 2 state change) alarm email email <number> alarm email none alarm message <text> alarm reminder interval <minutes> clrscrn default alarm email default normal email exit no alarm message</minutes></text></number>	Specifies the email number to send when the alarm turns on. Specifies no email when the alarm turns on. Sets the email message to be sent when the alarm turns on. Sets the time interval that messages will be sent while the alarm remains on. Clears the screen. Specifies no email when the alarm turns on. Specifies no email when the alarm turns off. Exits to the next higher level. Removes the alarm email message.
email (config-action-email:digital input 2 state change) alarm email email <number> alarm email none alarm message <text> alarm reminder interval <minutes> clrscrn default alarm email default normal email exit no alarm reminder interval</minutes></text></number>	Specifies the email number to send when the alarm turns on. Specifies no email when the alarm turns on. Sets the email message to be sent when the alarm turns on. Sets the time interval that messages will be sent while the alarm remains on. Clears the screen. Specifies no email when the alarm turns on. Specifies no email when the alarm turns off. Exits to the next higher level. Removes the alarm email message. Only one message will be sent when the alarm turns on.
email (config-action-email:digital input 2 state change) alarm email email <number> alarm email none alarm message <text> alarm reminder interval <minutes> clrscrn default alarm email default normal email exit no alarm message no alarm reminder interval no normal message</minutes></text></number>	Specifies the email number to send when the alarm turns on. Specifies no email when the alarm turns on. Sets the email message to be sent when the alarm turns on. Sets the time interval that messages will be sent while the alarm remains on. Clears the screen. Specifies no email when the alarm turns on. Specifies no email when the alarm turns off. Exits to the next higher level. Removes the alarm email message. Only one message will be sent when the alarm turns on. Removes the normal email message.
email (config-action-email:digital input 2 state change) alarm email email <number> alarm email none alarm message <text> alarm reminder interval <minutes> clrscrn default alarm email default normal email exit no alarm message no alarm reminder interval no normal message no normal message</minutes></text></number>	Specifies the email number to send when the alarm turns on. Specifies no email when the alarm turns on. Sets the email message to be sent when the alarm turns on. Sets the time interval that messages will be sent while the alarm remains on. Clears the screen. Specifies no email when the alarm turns on. Specifies no email when the alarm turns off. Exits to the next higher level. Removes the alarm email message. Only one message will be sent when the alarm turns on. Removes the normal email message. Only one message will be sent when the alarm turns off. Specifies the email number to send when the alarm turns
email (config-action-email:digital input 2 state change) alarm email email <number> alarm email none alarm message <text> alarm reminder interval <minutes> clrscrn default alarm email default normal email exit no alarm message no alarm reminder interval no normal message no normal message no normal reminder interval normal email email <number></number></minutes></text></number>	Specifies the email number to send when the alarm turns on. Specifies no email when the alarm turns on. Sets the email message to be sent when the alarm turns on. Sets the time interval that messages will be sent while the alarm remains on. Clears the screen. Specifies no email when the alarm turns on. Specifies no email when the alarm turns off. Exits to the next higher level. Removes the alarm email message. Only one message will be sent when the alarm turns on. Removes the normal email message. Only one message will be sent when the alarm turns off. Specifies the email number to send when the alarm turns off.
email (config-action-email:digital input 2 state change) alarm email email <number> alarm email none alarm message <text> alarm reminder interval <minutes> clrscrn default alarm email default normal email exit no alarm message no alarm reminder interval no normal message no normal message no normal reminder interval normal email email <number> normal email none</number></minutes></text></number>	Specifies the email number to send when the alarm turns on. Specifies no email when the alarm turns on. Sets the email message to be sent when the alarm turns on. Sets the time interval that messages will be sent while the alarm remains on. Clears the screen. Specifies no email when the alarm turns on. Specifies no email when the alarm turns off. Exits to the next higher level. Removes the alarm email message. Only one message will be sent when the alarm turns on. Removes the normal email message. Only one message will be sent when the alarm turns off. Specifies the email number to send when the alarm turns off. Specifies no email when the alarm turns off. Specifies no email when the alarm turns off.

Displays the last 20 commands entered during the current CLI session.
Stores the current configuration in permanent memory.
) level commands
Specifies the email number to send when the alarm turns on.
Specifies no email when the alarm turns on.
Sets the email message to be sent when the alarm turns on.
Sets the time interval that messages will be sent while the alarm remains on.
Clears the screen.
Specifies no email when the alarm turns on.
Specifies no email when the alarm turns off.
Exits to the next higher level.
Removes the alarm email message.
Only one message will be sent when the alarm turns on.
Removes the normal email message.
Only one message will be sent when the alarm turns off.
Specifies the email number to send when the alarm turns off.
Specifies no email when the alarm turns off.
Sets the email message to be sent when the alarm turns off.
Sets the time interval that messages will be sent while the alarm remains off.
Shows the current configuration.
Displays the last 20 commands entered during the current CLI session.
Stores the current configuration in permanent memory.
Continuously displays email statistics.
Sets Cc addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
Clears all entries from the mail log.
Sets the email counters to zero.
Clears the screen.
Sets X-Priority for email alerts to 3 (normal).
Enters the configure email level.
Exits to the enable level.
Specifies a text file, the contents of which will be the message body of an email alert. <text> = the name of a local file.</text>
Removes the Cc addresses for email alerts.
Restores the email counters to the aggregate values.
Removes the file name, so the message body will be empty.

no reply to	Removes the Reply To address for email alerts.
no subject	Removes subject used for email alerts.
no to	Removes the To addresses for email alerts.
priority high	Sets X-Priority for email alerts to 2 (high).
priority low	Sets X-Priority for email alerts to 4 (low).
priority normal	Sets X-Priority for email alerts to 3 (normal).
priority urgent	Sets X-Priority for email alerts to 1 (urgent).
priority very low	Sets X-Priority for email alerts to 5 (very low).
	Sets the Reply To address for email alerts. <text> = email</text>
reply to <text></text>	address to place in the Reply To field of the email alert.
send	Sends an email using the current settings.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show log	Displays the email log.
show statistics	Displays email statistics.
subject <text></text>	Sets the Subject for email alerts. <text> = text to placed as the subject.</text>
to <text></text>	Sets To addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
write	Stores the current configuration in permanent memory.
email 10 (email:10) level commands	
auto show statistics	Continuously displays email statistics.
cc <text></text>	Sets Cc addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
clear log	Clears all entries from the mail log.
clear mail counters	Sets the email counters to zero.
clrscrn	Clears the screen.
default priority	Sets X-Priority for email alerts to 3 (normal).
email <number></number>	Enters the configure email level.
exit	Exits to the enable level.
message file <text></text>	Specifies a text file, the contents of which will be the message body of an email alert. <text> = the name of a local file.</text>
no cc	Removes the Cc addresses for email alerts.
no clear mail counters	Restores the email counters to the aggregate values.
no message file	Removes the file name, so the message body will be empty.
no reply to	Removes the Reply To address for email alerts.
no subject	Removes subject used for email alerts.
no to	Removes the To addresses for email alerts.
1 20 11 1	
priority high	Sets X-Priority for email alerts to 2 (high).
priority high priority low	Sets X-Priority for email alerts to 2 (high). Sets X-Priority for email alerts to 4 (low).
priority low	Sets X-Priority for email alerts to 4 (low).

priority very low	Sets X-Priority for email alerts to 5 (very low).
reply to <text></text>	Sets the Reply To address for email alerts. <text> = email address to place in the Reply To field of the email alert.</text>
send	Sends an email using the current settings.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show log	Displays the email log.
show statistics	Displays email statistics.
subject <text></text>	Sets the Subject for email alerts. <text> = text to placed as the subject.</text>
to <text></text>	Sets To addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
write	Stores the current configuration in permanent memory.
email 11 (email:11) level commands	
auto show statistics	Continuously displays email statistics.
cc <text></text>	Sets Cc addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
clear log	Clears all entries from the mail log.
clear mail counters	Sets the email counters to zero.
clrscrn	Clears the screen.
default priority	Sets X-Priority for email alerts to 3 (normal).
email < <i>number</i> >	Enters the configure email level.
exit	Exits to the enable level.
message file <text></text>	Specifies a text file, the contents of which will be the message body of an email alert. <text> = the name of a local file.</text>
no cc	Removes the Cc addresses for email alerts.
no clear mail counters	Restores the email counters to the aggregate values.
no message file	Removes the file name, so the message body will be empty.
no reply to	Removes the Reply To address for email alerts.
no subject	Removes subject used for email alerts.
no to	Removes the To addresses for email alerts.
priority high	Sets X-Priority for email alerts to 2 (high).
priority low	Sets X-Priority for email alerts to 4 (low).
priority normal	Sets X-Priority for email alerts to 3 (normal).
priority urgent	Sets X-Priority for email alerts to 1 (urgent).
priority very low	Sets X-Priority for email alerts to 5 (very low).
reply to <text></text>	Sets the Reply To address for email alerts. <text> = email address to place in the Reply To field of the email alert.</text>
send	Sends an email using the current settings.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show log	Displays the email log.

show statistics	Displays email statistics.
subject <text></text>	Sets the Subject for email alerts. <text> = text to placed</text>
	as the subject.
to <text></text>	Sets To addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
write	Stores the current configuration in permanent memory.
email 12 (email:12) level commands	
auto show statistics	Continuously displays email statistics.
cc <text></text>	Sets Cc addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
clear log	Clears all entries from the mail log.
clear mail counters	Sets the email counters to zero.
clrscrn	Clears the screen.
default priority	Sets X-Priority for email alerts to 3 (normal).
email < <i>number</i> >	Enters the configure email level.
exit	Exits to the enable level.
message file <text></text>	Specifies a text file, the contents of which will be the message body of an email alert. <text> = the name of a local file.</text>
no cc	Removes the Cc addresses for email alerts.
no clear mail counters	Restores the email counters to the aggregate values.
no message file	Removes the file name, so the message body will be empty.
no reply to	Removes the Reply To address for email alerts.
no subject	Removes subject used for email alerts.
no to	Removes the To addresses for email alerts.
priority high	Sets X-Priority for email alerts to 2 (high).
priority low	Sets X-Priority for email alerts to 4 (low).
priority normal	Sets X-Priority for email alerts to 3 (normal).
priority urgent	Sets X-Priority for email alerts to 1 (urgent).
priority very low	Sets X-Priority for email alerts to 5 (very low).
reply to <text></text>	Sets the Reply To address for email alerts. <text> = email address to place in the Reply To field of the email alert.</text>
send	Sends an email using the current settings.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show log	Displays the email log.
show statistics	Displays email statistics.
subject <text></text>	Sets the Subject for email alerts. <text> = text to placed as the subject.</text>
to <text></text>	Sets To addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
write	Stores the current configuration in permanent memory.
email 13 (email:13) level commands	
auto show statistics	Continuously displays email statistics.

cc <text></text>	Sets Cc addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
clear log	Clears all entries from the mail log.
clear mail counters	Sets the email counters to zero.
cirscrn	Clears the screen.
default priority	Sets X-Priority for email alerts to 3 (normal).
email < <i>number</i> >	Enters the configure email level.
exit	Exits to the enable level.
message file <text></text>	Specifies a text file, the contents of which will be the message body of an email alert. <text> = the name of a local file.</text>
no cc	Removes the Cc addresses for email alerts.
no clear mail counters	Restores the email counters to the aggregate values.
no message file	Removes the file name, so the message body will be empty.
no reply to	Removes the Reply To address for email alerts.
no subject	Removes subject used for email alerts.
no to	Removes the To addresses for email alerts.
priority high	Sets X-Priority for email alerts to 2 (high).
priority low	Sets X-Priority for email alerts to 4 (low).
priority normal	Sets X-Priority for email alerts to 3 (normal).
priority urgent	Sets X-Priority for email alerts to 1 (urgent).
priority very low	Sets X-Priority for email alerts to 5 (very low).
reply to <text></text>	Sets the Reply To address for email alerts. <text> = email address to place in the Reply To field of the email alert.</text>
send	Sends an email using the current settings.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show log	Displays the email log.
show statistics	Displays email statistics.
subject <text></text>	Sets the Subject for email alerts. <text> = text to placed as the subject.</text>
to <text></text>	Sets To addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
write	Stores the current configuration in permanent memory.
email 14 (email:14) level commands	
auto show statistics	Continuously displays email statistics.
cc <text></text>	Sets Cc addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
clear log	Clears all entries from the mail log.
clear mail counters	Sets the email counters to zero.
clrscrn	Clears the screen.
default priority	Sets X-Priority for email alerts to 3 (normal).
email < <i>number></i>	Enters the configure email level.
exit	Exits to the enable level.

message file <text></text>	Specifies a text file, the contents of which will be the message body of an email alert. <text> = the name of a local file.</text>
no cc	Removes the Cc addresses for email alerts.
no clear mail counters	Restores the email counters to the aggregate values.
no message file	Removes the file name, so the message body will be empty.
no reply to	Removes the Reply To address for email alerts.
no subject	Removes subject used for email alerts.
no to	Removes the To addresses for email alerts.
priority high	Sets X-Priority for email alerts to 2 (high).
priority low	Sets X-Priority for email alerts to 4 (low).
priority normal	Sets X-Priority for email alerts to 3 (normal).
priority urgent	Sets X-Priority for email alerts to 1 (urgent).
priority very low	Sets X-Priority for email alerts to 5 (very low).
reply to <text></text>	Sets the Reply To address for email alerts. <text> = email address to place in the Reply To field of the email alert.</text>
send	Sends an email using the current settings.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show log	Displays the email log.
show statistics	Displays email statistics.
subject <text></text>	Sets the Subject for email alerts. <text> = text to placed as the subject.</text>
to <text></text>	Sets To addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
write	Stores the current configuration in permanent memory.
email 15 (email:15) level commands	
auto show statistics	Continuously displays email statistics.
cc <text></text>	Sets Cc addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
clear log	Clears all entries from the mail log.
clear mail counters	Sets the email counters to zero.
clrscrn	Clears the screen.
default priority	Sets X-Priority for email alerts to 3 (normal).
email < <i>number</i> >	Enters the configure email level.
exit	Exits to the enable level.
message file <text></text>	Specifies a text file, the contents of which will be the message body of an email alert. <text> = the name of a local file.</text>
no cc	Removes the Cc addresses for email alerts.
no clear mail counters	Restores the email counters to the aggregate values.
no message file	Removes the file name, so the message body will be empty.
no reply to	Removes the Reply To address for email alerts.
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no subject	Removes subject used for email alerts.
no to	Removes the To addresses for email alerts.
priority high	Sets X-Priority for email alerts to 2 (high).
priority low	Sets X-Priority for email alerts to 4 (low).
priority normal	Sets X-Priority for email alerts to 3 (normal).
priority urgent	Sets X-Priority for email alerts to 1 (urgent).
	Sets X-Priority for email alerts to 5 (very low).
priority very low	
reply to <text></text>	Sets the Reply To address for email alerts. <text> = email address to place in the Reply To field of the email alert.</text>
send	Sends an email using the current settings.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show log	Displays the email log.
show statistics	Displays email statistics.
subject <text></text>	Sets the Subject for email alerts. <text> = text to placed as the subject.</text>
to <text></text>	Sets To addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
write	Stores the current configuration in permanent memory.
email 16 (email:16) level commands	
auto show statistics	Continuously displays email statistics.
cc <text></text>	Sets Cc addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
clear log	Clears all entries from the mail log.
clear mail counters	Sets the email counters to zero.
clrscrn	Clears the screen.
default priority	Sets X-Priority for email alerts to 3 (normal).
email < <i>number</i> >	Enters the configure email level.
exit	Exits to the enable level.
message file <text></text>	Specifies a text file, the contents of which will be the message body of an email alert. <text> = the name of a local file.</text>
no cc	Removes the Cc addresses for email alerts.
no clear mail counters	Restores the email counters to the aggregate values.
no message file	Removes the file name, so the message body will be empty.
no reply to	Removes the Reply To address for email alerts.
no subject	Removes subject used for email alerts.
no to	Removes the To addresses for email alerts.
priority high	Sets X-Priority for email alerts to 2 (high).
priority low	Sets X-Priority for email alerts to 4 (low).
priority normal	Sets X-Priority for email alerts to 3 (normal).
priority urgent	Sets X-Priority for email alerts to 1 (urgent).
priority urgent priority very low	Sets X-Priority for email alerts to 1 (urgent). Sets X-Priority for email alerts to 5 (very low).

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reply to <text></text>	Sets the Reply To address for email alerts. <text> = email address to place in the Reply To field of the email alert.</text>
send	Sends an email using the current settings.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show log	Displays the email log.
show statistics	Displays email statistics.
subject <text></text>	Sets the Subject for email alerts. <text> = text to placed as the subject.</text>
to <text></text>	Sets To addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
write	Stores the current configuration in permanent memory.
email 2 (email:2) level commands	
auto show statistics	Continuously displays email statistics.
cc <text></text>	Sets Cc addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
clear log	Clears all entries from the mail log.
clear mail counters	Sets the email counters to zero.
clrscrn	Clears the screen.
default priority	Sets X-Priority for email alerts to 3 (normal).
email < <i>number</i> >	Enters the configure email level.
exit	Exits to the enable level.
message file <text></text>	Specifies a text file, the contents of which will be the message body of an email alert. <text> = the name of a local file.</text>
no cc	Removes the Cc addresses for email alerts.
no clear mail counters	Restores the email counters to the aggregate values.
no message file	Removes the file name, so the message body will be empty.
no reply to	Removes the Reply To address for email alerts.
no subject	Removes subject used for email alerts.
no to	Removes the To addresses for email alerts.
priority high	Sets X-Priority for email alerts to 2 (high).
priority low	Sets X-Priority for email alerts to 4 (low).
priority normal	Sets X-Priority for email alerts to 3 (normal).
priority urgent	Sets X-Priority for email alerts to 1 (urgent).
priority very low	Sets X-Priority for email alerts to 5 (very low).
reply to <text></text>	Sets the Reply To address for email alerts. <text> = email address to place in the Reply To field of the email alert.</text>
send	Sends an email using the current settings.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show log	Displays the email log.
show statistics	Displays email statistics.

	Sets Cc addresses for email alerts. <text> = a quoted,</text>
auto show statistics	Continuously displays email statistics.
email 4 (email:4) level commands	
write	Stores the current configuration in permanent memory.
to <text></text>	Sets To addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
subject <text></text>	Sets the Subject for email alerts. <text> = text to placed as the subject.</text>
show statistics	Displays email statistics.
show log	Displays the email log.
show history	Displays the last 20 commands entered during the current CLI session.
show	Displays the current configuration.
send	Sends an email using the current settings.
reply to <text></text>	Sets the Reply To address for email alerts. <text> = email address to place in the Reply To field of the email alert.</text>
priority very low	Sets X-Priority for email alerts to 5 (very low).
priority urgent	Sets X-Priority for email alerts to 1 (urgent).
priority normal	Sets X-Priority for email alerts to 3 (normal).
priority low	Sets X-Priority for email alerts to 4 (low).
priority high	Sets X-Priority for email alerts to 2 (high).
no to	Removes the To addresses for email alerts.
no subject	Removes subject used for email alerts.
no reply to	Removes the Reply To address for email alerts.
no message file	Removes the file name, so the message body will be empty.
no clear mail counters	Restores the email counters to the aggregate values.
no cc	Removes the Cc addresses for email alerts.
message file <text></text>	Specifies a text file, the contents of which will be the message body of an email alert. <text> = the name of a local file.</text>
exit	Exits to the enable level.
email < <i>number</i> >	Enters the configure email level.
default priority	Sets X-Priority for email alerts to 3 (normal).
clrscrn	Clears the screen.
clear mail counters	Sets the email counters to zero.
clear log	Clears all entries from the mail log.
cc <text></text>	Sets Cc addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
auto show statistics	Continuously displays email statistics.
email 3 (email:3) level commands	
write	semicolon separated list of email addresses. Stores the current configuration in permanent memory.
to <text></text>	Sets To addresses for email alerts. <text> = a quoted,</text>
	as the subject.

	semicolon separated list of email addresses.
clear log	Clears all entries from the mail log.
clear mail counters	Sets the email counters to zero.
clrscrn	Clears the screen.
default priority	Sets X-Priority for email alerts to 3 (normal).
email < <i>number</i> >	Enters the configure email level.
exit	Exits to the enable level.
message file <text></text>	Specifies a text file, the contents of which will be the message body of an email alert. <text> = the name of a local file.</text>
no cc	Removes the Cc addresses for email alerts.
no clear mail counters	Restores the email counters to the aggregate values.
no message file	Removes the file name, so the message body will be empty.
no reply to	Removes the Reply To address for email alerts.
no subject	Removes subject used for email alerts.
no to	Removes the To addresses for email alerts.
priority high	Sets X-Priority for email alerts to 2 (high).
priority low	Sets X-Priority for email alerts to 4 (low).
priority normal	Sets X-Priority for email alerts to 3 (normal).
priority urgent	Sets X-Priority for email alerts to 1 (urgent).
priority very low	Sets X-Priority for email alerts to 5 (very low).
reply to <text></text>	Sets the Reply To address for email alerts. <text> = email address to place in the Reply To field of the email alert.</text>
send	Sends an email using the current settings.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show log	Displays the email log.
show statistics	Displays email statistics.
subject <text></text>	Sets the Subject for email alerts. <text> = text to placed as the subject.</text>
to <text></text>	Sets To addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
write	Stores the current configuration in permanent memory.
email 5 (email:5) level commands	
auto show statistics	Continuously displays email statistics.
cc <text></text>	Sets Cc addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
clear log	Clears all entries from the mail log.
clear mail counters	Sets the email counters to zero.
clrscrn	Clears the screen.
default priority	Sets X-Priority for email alerts to 3 (normal).
email < <i>number</i> >	Enters the configure email level.
exit	Exits to the enable level.

message file <text></text>	Specifies a text file, the contents of which will be the message body of an email alert. <text> = the name of a local file.</text>
no cc	Removes the Cc addresses for email alerts.
no clear mail counters	Restores the email counters to the aggregate values.
no message file	Removes the file name, so the message body will be empty.
no reply to	Removes the Reply To address for email alerts.
no subject	Removes subject used for email alerts.
no to	Removes the To addresses for email alerts.
priority high	Sets X-Priority for email alerts to 2 (high).
priority low	Sets X-Priority for email alerts to 4 (low).
priority normal	Sets X-Priority for email alerts to 3 (normal).
priority urgent	Sets X-Priority for email alerts to 1 (urgent).
priority very low	Sets X-Priority for email alerts to 5 (very low).
reply to <text></text>	Sets the Reply To address for email alerts. <text> = email address to place in the Reply To field of the email alert.</text>
send	Sends an email using the current settings.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show log	Displays the email log.
show statistics	Displays email statistics.
subject <text></text>	Sets the Subject for email alerts. <text> = text to placed as the subject.</text>
to <text></text>	Sets To addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
write	Stores the current configuration in permanent memory.
email 6 (email:6) level commands	
auto show statistics	Continuously displays email statistics.
cc <text></text>	Sets Cc addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
clear log	Clears all entries from the mail log.
clear mail counters	Sets the email counters to zero.
clrscrn	Clears the screen.
default priority	Sets X-Priority for email alerts to 3 (normal).
email < <i>number</i> >	Enters the configure email level.
exit	Exits to the enable level.
message file <text></text>	Specifies a text file, the contents of which will be the message body of an email alert. <text> = the name of a local file.</text>
no cc	Removes the Cc addresses for email alerts.
no clear mail counters	Restores the email counters to the aggregate values.
no message file	Removes the file name, so the message body will be empty.
no reply to	Removes the Reply To address for email alerts.
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no subject	Removes subject used for email alerts.
· ·	Removes the To addresses for email alerts.
no to	
priority high	Sets X-Priority for email alerts to 2 (high).
priority low	Sets X-Priority for email alerts to 4 (low).
priority normal	Sets X-Priority for email alerts to 3 (normal).
priority urgent	Sets X-Priority for email alerts to 1 (urgent).
priority very low	Sets X-Priority for email alerts to 5 (very low).
reply to <text></text>	Sets the Reply To address for email alerts. <text> = email address to place in the Reply To field of the email alert.</text>
send	Sends an email using the current settings.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show log	Displays the email log.
show statistics	Displays email statistics.
subject <text></text>	Sets the Subject for email alerts. <text> = text to placed as the subject.</text>
to <text></text>	Sets To addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
write	Stores the current configuration in permanent memory.
email 7 (email:7) level commands	
auto show statistics	Continuously displays email statistics.
cc <text></text>	Sets Cc addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
clear log	Clears all entries from the mail log.
clear mail counters	Sets the email counters to zero.
clrscrn	Clears the screen.
default priority	Sets X-Priority for email alerts to 3 (normal).
email < <i>number</i> >	Enters the configure email level.
exit	Exits to the enable level.
message file <text></text>	Specifies a text file, the contents of which will be the message body of an email alert. <text> = the name of a local file.</text>
no cc	Removes the Cc addresses for email alerts.
no clear mail counters	Restores the email counters to the aggregate values.
no message file	Removes the file name, so the message body will be empty.
no reply to	Removes the Reply To address for email alerts.
no subject	Removes subject used for email alerts.
no to	Removes the To addresses for email alerts.
priority high	Sets X-Priority for email alerts to 2 (high).
priority low	Sets X-Priority for email alerts to 4 (low).
priority normal	Sets X-Priority for email alerts to 3 (normal).
priority urgent	Sets X-Priority for email alerts to 1 (urgent).
priority very low	Sets X-Priority for email alerts to 5 (very low).
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reply to <text></text>	Sets the Reply To address for email alerts. <text> = email address to place in the Reply To field of the email alert.</text>
send	Sends an email using the current settings.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show log	Displays the email log.
show statistics	Displays email statistics.
subject <text></text>	Sets the Subject for email alerts. <text> = text to placed as the subject.</text>
to <text></text>	Sets To addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
write	Stores the current configuration in permanent memory.
email 8 (email:8) level commands	
auto show statistics	Continuously displays email statistics.
cc <text></text>	Sets Cc addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
clear log	Clears all entries from the mail log.
clear mail counters	Sets the email counters to zero.
clrscrn	Clears the screen.
default priority	Sets X-Priority for email alerts to 3 (normal).
email < <i>number</i> >	Enters the configure email level.
exit	Exits to the enable level.
message file <text></text>	Specifies a text file, the contents of which will be the message body of an email alert. <text> = the name of a local file.</text>
no cc	Removes the Cc addresses for email alerts.
no clear mail counters	Restores the email counters to the aggregate values.
no message file	Removes the file name, so the message body will be empty.
no reply to	Removes the Reply To address for email alerts.
no subject	Removes subject used for email alerts.
no to	Removes the To addresses for email alerts.
priority high	Sets X-Priority for email alerts to 2 (high).
priority low	Sets X-Priority for email alerts to 4 (low).
priority normal	Sets X-Priority for email alerts to 3 (normal).
priority urgent	Sets X-Priority for email alerts to 1 (urgent).
priority very low	Sets X-Priority for email alerts to 5 (very low).
reply to <text></text>	Sets the Reply To address for email alerts. <text> = email address to place in the Reply To field of the email alert.</text>
send	Sends an email using the current settings.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show log	Displays the email log.
show statistics	Displays email statistics.

auto show processes	Continuously show thread runtime information
auto show interfaces	Show interface statistics
enable (enable) level commands	
write	Stores the current configuration in permanent memory.
to <text></text>	Sets To addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
subject <text></text>	Sets the Subject for email alerts. <text> = text to placed as the subject.</text>
show statistics	Displays email statistics.
show log	Displays the email log.
show history	Displays the last 20 commands entered during the current CLI session.
show	Displays the current configuration.
send	Sends an email using the current settings.
reply to <text></text>	Sets the Reply To address for email alerts. <text> = email address to place in the Reply To field of the email alert.</text>
priority very low	Sets X-Priority for email alerts to 5 (very low).
priority urgent	Sets X-Priority for email alerts to 1 (urgent).
priority normal	Sets X-Priority for email alerts to 3 (normal).
priority low	Sets X-Priority for email alerts to 4 (low).
priority high	Sets X-Priority for email alerts to 2 (high).
no to	Removes the To addresses for email alerts.
no subject	Removes subject used for email alerts.
no reply to	Removes the Reply To address for email alerts.
no message file	Removes the file name, so the message body will be empty.
no clear mail counters	Restores the email counters to the aggregate values.
no cc	Removes the Cc addresses for email alerts.
message file <text></text>	Specifies a text file, the contents of which will be the message body of an email alert. <text> = the name of a local file.</text>
exit	Exits to the enable level.
email < <i>number</i> >	Enters the configure email level.
default priority	Sets X-Priority for email alerts to 3 (normal).
clrscrn	Clears the screen.
clear mail counters	Sets the email counters to zero.
clear log	Clears all entries from the mail log.
cc <text></text>	Sets Cc addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses.</text>
auto show statistics	Continuously displays email statistics.
email 9 (email:9) level commands	, ,
write	semicolon separated list of email addresses. Stores the current configuration in permanent memory.
to <text></text>	as the subject. Sets To addresses for email alerts. <text> = a quoted,</text>

clrscrn	Clears the screen.
configure	Enters the configuration level.
connect	Show name and number for lines.
connect line < line>	Begin session on serial port.
device	Enters the device level.
disable	Exits the enable level.
dns	Enters the DNS level.
email < <i>number</i> >	Enters the configure email level.
	Exit from the system
exit	
filesystem	Enters the filesystem level.
iperf <params></params>	Run iperf with command line parameters passed in quoted string.
kill ssh <session></session>	Kills SSH session with index from "show sessions"
kill telnet <session></session>	Kills Telnet session with index from "show sessions"
line <line></line>	Enters the line level. line> = number of the line (serial port) to be configured.
ping <host></host>	Ping destination continuously with 5 second timeout
ping <host> <count></count></host>	Ping destination n times with 5 second timeout
ping <host> <count> <timeout></timeout></count></host>	Ping destination n times with x timeout (in seconds)
reload	Reboot system
reload factory defaults	Reload factory defaults to permanent storage
show	Show system information
show history	Displays the last 20 commands entered during the current CLI session.
show interfaces	Show interface statistics
show ip sockets	Show UDP/TCP state information
show processes	Show thread runtime information
show sessions	Show active Telnet and SSH Sessions
ssh	Enters the SSH configuration level.
ssh <optclientusername> <host></host></optclientusername>	Begin SSH session on network <host>. The optClientUserName must match an SSH Client: Users configuration entry. Use "" in optClientUserName to prompt for host username and password.</host>
ssh <optclientusername> <host> <port></port></host></optclientusername>	Begin SSH session on network <host>:<port>. The optClientUserName must match an SSH Client: Users configuration entry. Use "" in optClientUserName to prompt for host username and password.</port></host>
ssl	Enters the SSL configuration level.
telnet <host></host>	Begin telnet session on network <host>.</host>
telnet <host> <port></port></host>	Begin telnet session on network <host>:<port>.</port></host>
trace route <host></host>	Trace route to destination
trace route <host> <protocol></protocol></host>	Trace route to destination using TCP, ICMP, or UDP
tunnel	Enters the tunnel level. line> = number of the tunnel line (serial port) to be configured.
write	Stores the current configuration in permanent memory.
xml	Enters the XML level.
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eth0 link state change (config-action:eth0 link state	te change) level commands
clrscrn	Clears the screen.
default delay	Resets alarm processing delay to its default value.
delay <seconds></seconds>	Sets the delay in processing the alarm. Alarm actions will not be executed if the cause is corrected within this time.
email	Enters the next lower level.
exit	Exits to the config alarm level.
ftp put	Enters the next lower level.
gprs roaming	Enters the next lower level.
http post	Enters the next lower level.
relay	Enters the next lower level.
send sms	Enters the next lower level.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show status	Displays statistics.
snmp trap	Enters the next lower level.
write	Stores the current configuration in permanent memory.
failover (config-ethernet-failover:eth0) level comm	nands
clrscrn	Clears the screen.
default failback threshold	Restores the default Failback threshold.
default failover interface	Restores the default Failover interface.
default failover threshold	Restores the default Failover threshold.
default interval	Restores the default Ping interval.
default method	Restores the default ping method.
default timeout	Restores the default Ping response timeout.
exit	Exit back to interface configuration level
failback threshold <pings></pings>	Sets the Failback threshold. If <pings> attempts are answered, the device will Failback to original interface.</pings>
failover interface <text></text>	Sets the Failover interface.
failover threshold <pings></pings>	Sets the Failover threshold. If <pings> attempts go unanswered, the device will Failover to selected interface.</pings>
hostname <text></text>	Sets the host name. <text> = name of the host to ping.</text>
interval <seconds></seconds>	Sets the Ping interval in seconds.
method icmp	Ping using ICMP-ECHO.
method tcp	Ping using TCP.
no hostname	Clears the host name.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show status	Show failover status
state disable	Disables Failover.
state enable	Enables Failover.
test	Failover Config Test
timeout <seconds></seconds>	Sets the Ping response timeout in seconds.

write	Stores the current configuration in permanent memory.
filesystem (filesystem) level commands	
cat <file></file>	Show the contents of a file
cd <directory></directory>	Change the current directory to the specified directory
clrscrn	Clears the screen.
cp <source file=""/> <destination file=""></destination>	Copy an existing file
dump <file></file>	Show contents of a file as a hex dump
exit	Exits to the enable level.
format	Format the file system and lose all data
ls	Show all files and directories in the current directory
Is <directory></directory>	Show all files and directories in the specified directory
mkdir <directory></directory>	Create a directory
mv <source file=""/> <destination file=""></destination>	Move a file on the file system
pwd	Print working directory
rm <file></file>	Remove a file
rmdir <directory></directory>	Remove a directory
show	Show file system statistics
show history	Displays the last 20 commands entered during the current CLI session.
show tree	Show all files and directories from current directory
tftp get <source file=""/> <destination file=""> <host></host></destination>	Get a file using TFTP
tftp get <source file=""/> <destination file=""> <host> <port></port></host></destination>	Get a file using TFTP
tftp put <source file=""/> <destination file=""> <host></host></destination>	Put a file using TFTP
tftp put <source file=""/> <destination file=""> <host> <port></port></host></destination>	Put a file using TFTP
touch <file></file>	Create a file
filter 1 (config-wwan-qos-filter:wwan0:1) level comma	nds
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address < hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.

write	Stores the current configuration in permanent memory.
show history	Displays the last 20 commands entered during the current CLI session.
show	Shows the current configuration.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
ports <text></text>	Sets the filter Port.
no ports	Removes the filter Port.
no network	Removes the filter Network.
no mac address	Removes the filter MAC Address.
network <text></text>	close the value if it contains spaces. Sets the filter Network.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
exit	Exits to the next higher level.
default priority	Restores the default value of the priority (Excellent Effort).
clrscrn	Clears the screen.
filter 1 (config-ethernet-qos-filter:eth0:1) level comm	1
write	Stores the current configuration in permanent memory.
show history	Displays the last 20 commands entered during the current CLI session.
show	Shows the current configuration.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.

clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 10 (config-ethernet-qos-filter:eth0:10) level comm	ands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is

5%-100%.
Sets the priority to Best Effort. Bandwidth allocated is
10%-100%.
Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
Sets the priority to Video. Bandwidth allocated is 20%-100%.
Sets the priority to Voice. Bandwidth allocated is 30%-100%.
Shows the current configuration.
Displays the last 20 commands entered during the current CLI session.
Stores the current configuration in permanent memory.
ands
Clears the screen.
Restores the default value of the priority (Excellent Effort).
Exits to the next higher level.
Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
Sets the filter Network.
Removes the filter MAC Address.
Removes the filter Network.
Removes the filter Port.
Sets the filter Port.
Sets the priority to Background. Bandwidth allocated is 5%-100%.
Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
Sets the priority to Video. Bandwidth allocated is 20%-100%.
Sets the priority to Voice. Bandwidth allocated is 30%-100%.

show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 11 (config-ethernet-qos-filter:eth0:11) level commands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address < hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network < <i>text</i> >	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 12 (config-wwan-qos-filter:wwan0:12) level commands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
<u> </u>	

no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
	otores the current configuration in permanent memory.
filter 12 (config-ethernet-qos-filter:eth0:12) level comm	
15	
filter 12 (config-ethernet-qos-filter:eth0:12) level comm	ands
filter 12 (config-ethernet-qos-filter:eth0:12) level commo	ands Clears the screen.
filter 12 (config-ethernet-qos-filter:eth0:12) level commodracing clrscrn default priority	ands Clears the screen. Restores the default value of the priority (Excellent Effort).
filter 12 (config-ethernet-qos-filter:eth0:12) level commodration clrscrn default priority exit	Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must en-
filter 12 (config-ethernet-qos-filter:eth0:12) level commodiscring default priority exit mac address < hexadecimal >	Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
filter 12 (config-ethernet-qos-filter:eth0:12) level common classers default priority exit mac address < hexadecimal > network < text >	Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network.
filter 12 (config-ethernet-qos-filter:eth0:12) level common classern default priority exit mac address < hexadecimal > network < text > no mac address	Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address.
filter 12 (config-ethernet-qos-filter:eth0:12) level common classers default priority exit mac address < hexadecimal > network < text > no mac address no network	Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address. Removes the filter Network.
filter 12 (config-ethernet-qos-filter:eth0:12) level common classers default priority exit mac address < hexadecimal > network < text > no mac address no network no ports	Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address. Removes the filter Port.
filter 12 (config-ethernet-qos-filter:eth0:12) level common closern default priority exit mac address < hexadecimal> network < text> no mac address no network no ports ports < text>	Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address. Removes the filter Port. Sets the filter Port. Sets the priority to Background. Bandwidth allocated is
filter 12 (config-ethernet-qos-filter:eth0:12) level common classers default priority exit mac address < hexadecimal> network < text> no mac address no network no ports ports < text> priority background	Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address. Removes the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is
filter 12 (config-ethernet-qos-filter:eth0:12) level commodification default priority exit mac address < hexadecimal> network < text> no mac address no network no ports ports < text> priority background priority best effort	Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address. Removes the filter Network. Removes the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Critical Applications. Bandwidth allo-

priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 13 (config-wwan-qos-filter:wwan0:13)	level commands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 13 (config-ethernet-qos-filter:eth0:13)	evel commands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.

mac address < hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 14 (config-wwan-qos-filter:wwan0:14) level comm	nands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allo-

	cated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is
priority excellent errort	10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 14 (config-ethernet-qos-filter:eth0:14) level comm	nands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address < hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.

filter 15 (config-wwan-qos-filter:wwan0:15) lo	evel commands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 15 (config-ethernet-qos-filter:eth0:15) le	evel commands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.

priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 16 (config-wwan-qos-filter:wwan0:16) level	commands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-

	100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 16 (config-ethernet-qos-filter:eth0:16) le	vel commands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 17 (config-wwan-qos-filter:wwan0:17) le	vel commands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address < hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.

network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is
priority background	5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
write filter 17 (config-ethernet-qos-filter:eth0:17) level comm	
filter 17 (config-ethernet-qos-filter:eth0:17) level comm	ands
filter 17 (config-ethernet-qos-filter:eth0:17) level commo	Clears the screen.
filter 17 (config-ethernet-qos-filter:eth0:17) level commodration clrscrn default priority	Clears the screen. Restores the default value of the priority (Excellent Effort).
filter 17 (config-ethernet-qos-filter:eth0:17) level common clrscrn default priority exit	Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must en-
filter 17 (config-ethernet-qos-filter:eth0:17) level commodiscrin default priority exit mac address < hexadecimal>	Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
filter 17 (config-ethernet-qos-filter:eth0:17) level common classers default priority exit mac address < hexadecimal > network < text >	Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network.
filter 17 (config-ethernet-qos-filter:eth0:17) level commodification default priority exit mac address < hexadecimal > network < text > no mac address	Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address.
filter 17 (config-ethernet-qos-filter:eth0:17) level common classers default priority exit mac address < hexadecimal > network < text > no mac address no network	Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address. Removes the filter Network.
filter 17 (config-ethernet-qos-filter:eth0:17) level common classern default priority exit mac address < hexadecimal > network < text > no mac address no network no ports	Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter Network. Removes the filter Port.
filter 17 (config-ethernet-qos-filter:eth0:17) level common classers default priority exit mac address < hexadecimal> network < text> no mac address no network no ports ports < text>	Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address. Removes the filter Network. Removes the filter Port. Sets the priority to Background. Bandwidth allocated is
filter 17 (config-ethernet-qos-filter:eth0:17) level commodification default priority exit mac address < hexadecimal> network < text> no mac address no network no ports ports < text> priority background	Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address. Removes the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is
filter 17 (config-ethernet-qos-filter:eth0:17) level common classers default priority exit mac address < hexadecimal> network < text> no mac address no network no ports ports < text> priority background priority best effort	Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address. Removes the filter Network. Removes the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Critical Applications. Bandwidth allo-

	cated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 18 (config-wwan-qos-filter:wwan0:18)	level commands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 18 (config-ethernet-qos-filter:eth0:18)	level commands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).

exit	Exits to the next higher level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 19 (config-wwan-qos-filter:wwan0:19) level comm	ands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address < hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.

priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 19 (config-ethernet-qos-filter:eth0:19) leve	el commands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address < hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.

Clears the screen. default priority Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sots the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12.3A BC 1	write	Stores the current configuration in permanent memory.
default priority exit Exits to the next higher level. Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12;3A,BC 12:3a,bc Note that quotes must enclose the value if it contains spaces. Removes the filter Network. Removes the filter Network. Removes the filter Port. Sets the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is 10%-100%. Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 15%-100%. Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Show the current configuration. Displays the last 20 commands entered during the current configuration. Displays the last 20 commands entered during the current classes of the priority to Video. Bandwidth allocated is 50%-100%. Show the current configuration in permanent memory. Sets the priority to Video. Bandwidth allocated is 50%-100%. Show the current configuration in permanent memory. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "123ABC" 123ABC" 123ABC" 123ABC" 123ABC" 123ABC" 123ABC" 123ABC" 123ABC 123ABC 123ABC 123ABC 123ABC 123ABC 123ABC 123ABC 1	filter 2 (config-wwan-qos-filter:wwan0:2) level commar	nds
Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12 a.b. byte host per any two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12 a.b. byte hat quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address. Removes the filter Port. Sets the filter Port. Sets the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Priority background Sets the priority to Background. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 5%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 20%-100%. Sets the priority to Video. Bandwidth allocated is 20%-100%. Sets the priority to Video. Bandwidth allocated is 20%-100%. Show the current configuration. Displays the last 20 commands entered during the current CLI session. Sets the current configuration in permanent memory. Address the screen. default priority Restores the default value of the priority (Excellent Effort). Exists to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12,3A	clrscrn	Clears the screen.
Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123AB C123AB C123	default priority	Restores the default value of the priority (Excellent Effort).
two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC *12 3A BC* 12 3A BC	exit	Exits to the next higher level.
Removes the filter MAC Address. Removes the filter MAC Address. Removes the filter Mac Network. Removes the filter Network. Removes the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Background. Bandwidth allocated is 10%-100%. Sets the priority to Background. Bandwidth allocated is 10%-100%. Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 15%-100%. Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%. Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Sets the priority to Voice. Bandwidth allocated is 30%-100%. Show Show Shows the current configuration. Shows the current configuration. Displays the last 20 commands entered during the current CLI session. write Stores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC *123ABC*123A	mac address <hexadecimal></hexadecimal>	two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must en-
no network no ports Removes the filter Network. no ports Ports <text> Sets the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is 10%-100%. Priority extellent effort Sets the priority to Dest Effort. Bandwidth allocated is 10%-100%. Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 5%-100%. Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 20%-100%. Sets the priority to Video. Bandwidth allocated is 30%-100%. Sets the priority to Voice. Bandwidth allocated is 30%-100%. Show Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Write Stores the current configuration in permanent memory. Write Stores the current configuration in permanent memory. ### Clears the screen. ### Clears the screen. ### Clears the screen. ### Clears the screen. ### Stores the default value of the priority (Excellent Effort). ### Exits to the next higher level. ### Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC '123A BC' 123A BC' 12</text>	network <text></text>	Sets the filter Network.
Removes the filter Port. Sets the filter Port. Sets the filter Port. Sets the priority background Sets the priority to Background. Bandwidth allocated is 5%-100%. Priority best effort Sets the priority to Best Effort. Bandwidth allocated is 10%-100%. Sets the priority to Critical Applications. Bandwidth allocated is 10%-100%. Priority excellent effort Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%. Priority internetwork control Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%. Priority internetwork control Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 20%-100%. Sets the priority to Video. Bandwidth allocated is 30%-100%. Sets the priority to Voice. Bandwidth allocated is 30%-100%. Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Write Stores the current configuration in permanent memory. Glears the screen. default priority Restores the default value of the priority (Excellent Effort). exit Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "123A BC" 12,3A,BC 12,3a,bc 12:3a,bc Note that quotes must enclose the Value if it contains spaces. Network <text> Sets the filter MAC Address. Removes the filter MAC Address. Removes the filter Network.</text>	no mac address	Removes the filter MAC Address.
ports <text> priority background Sets the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is 10%-100%. Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%. Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%. Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 20%-100%. Sets the priority to Voice. Bandwidth allocated is 30%-100%. Show Show Show the current configuration. Displays the last 20 commands entered during the current CLI session. Write Stores the current configuration in permanent memory. Filter 2 (config-ethernet-qos-filter.etho:2) level commands Circiar Clears the screen. default priority Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12:3a,bc Note that quotes must enclose the value if it contains spaces. The twork <text> Sets the filter Network. Removes the filter Network.</text></text>	no network	Removes the filter Network.
Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is 10%-100%. Sets the priority to Critical Applications. Bandwidth allocated is 10%-100%. priority critical applications Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%. priority excellent effort Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%. Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 20%-100%. Sets the priority to Voice. Bandwidth allocated is 20%-100%. Shows the current configuration. Shows the current configuration. Displays the last 20 commands entered during the current CLL session. Stores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12.3A BC" 12.3a, BC 12.3a; bc Note that quotes must enclose the value if it contains spaces. The priority of the filter MAC Address. Removes the filter Network.	no ports	Removes the filter Port.
5%-100%.	ports <text></text>	Sets the filter Port.
priority critical applications Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%. Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 20%-100%. Sets the priority to Video. Bandwidth allocated is 30%-100%. Show Show Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory. Write Stores the default value of the priority (Excellent Effort). Exit to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Network <text> Sets the filter Network. Removes the filter Network.</text>	priority background	
cated is 15%-100%. priority excellent effort Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%. priority internetwork control Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%. priority network control Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Priority video Sets the priority to Video. Bandwidth allocated is 20%-100%. Priority voice Sets the priority to Voice. Bandwidth allocated is 30%-100%. Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Write Stores the current configuration in permanent memory. Stores the current configuration in permanent memory. Clears the screen. default priority Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC '12 3A BC' 12,3A,BC 12,3a bc 1	priority best effort	
priority internetwork control Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%. Priority network control Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Priority video Sets the priority to Video. Bandwidth allocated is 20%-100%. Priority voice Sets the priority to Voice. Bandwidth allocated is 30%-100%. Show Show Shows the current configuration. Shows the last 20 commands entered during the current CLI session. Write Stores the current configuration in permanent memory. Filter 2 (config-ethernet-qos-filter:eth0:2) level commands Clears the screen. default priority Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12;3A,BC 12:3a:bc Note that quotes must enclose the value if it contains spaces. network <text> Sets the filter Network. Removes the filter Network. Removes the filter Network.</text>	priority critical applications	
cated is 5%-100%. priority network control Sets the priority to Network Control. Bandwidth allocated is 5%-100%. priority video Sets the priority to Video. Bandwidth allocated is 20%-100%. Sets the priority to Voice. Bandwidth allocated is 30%-100%. Show Show Shows the current configuration. Show thistory Displays the last 20 commands entered during the current CLI session. Write Stores the current configuration in permanent memory. filter 2 (config-ethernet-qos-filter:eth0:2) level commands clrscrn Clears the screen. default priority Restores the default value of the priority (Excellent Effort). exit Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. network <text> Sets the filter Network. Removes the filter Network.</text>	priority excellent effort	
is 5%-100%. Sets the priority to Video. Bandwidth allocated is 20%- 100%. Sets the priority to Voice. Bandwidth allocated is 30%- 100%. Show Show Shows the current configuration. Show history Displays the last 20 commands entered during the current CLI session. Write Stores the current configuration in permanent memory. filter 2 (config-ethernet-qos-filter:eth0:2) level commands clrscrn Clears the screen. default priority Restores the default value of the priority (Excellent Effort). exit Exits to the next higher level. mac address mac address Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. network <text> Sets the filter Network. Removes the filter MAC Address. Removes the filter MAC Address.</text>	priority internetwork control	
priority voice Sets the priority to Voice. Bandwidth allocated is 30%- 100%. Show Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Write Stores the current configuration in permanent memory. Gilter 2 (config-ethernet-qos-filter:eth0:2) level commands clirscrn Clears the screen. default priority Restores the default value of the priority (Excellent Effort). exit Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. network < text> Sets the filter Network. Removes the filter MAC Address. Removes the filter Network.	priority network control	
Show show Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Write Stores the current configuration in permanent memory. Filter 2 (config-ethernet-qos-filter:eth0:2) level commands Clrscrn Clears the screen. default priority Restores the default value of the priority (Excellent Effort). exit Exits to the next higher level. Mac address <hexadecimal> Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12.3A BC" 12.3a.bc 12.3a.bc 12.3a.bc Note that quotes must enclose the value if it contains spaces. Network <text> Sets the filter Network. Removes the filter MAC Address. Removes the filter Network.</text></hexadecimal>	priority video	
bhow history Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory. filter 2 (config-ethernet-qos-filter:eth0:2) level commands clrscrn Clears the screen. default priority Restores the default value of the priority (Excellent Effort). exit Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. network <text> Sets the filter Network. Removes the filter MAC Address. Removes the filter Network.</text>	priority voice	
CLI session. write Stores the current configuration in permanent memory. filter 2 (config-ethernet-qos-filter:eth0:2) level commands clrscrn Clears the screen. default priority Restores the default value of the priority (Excellent Effort). exit Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a.bc Note that quotes must enclose the value if it contains spaces. network <text> Sets the filter Network. Removes the filter MAC Address. Removes the filter Network.</text>	show	Shows the current configuration.
clrscrn Clears the screen. default priority Restores the default value of the priority (Excellent Effort). exit Exits to the next higher level. mac address <hexadecimal> Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. network <text> Sets the filter Network. Removes the filter MAC Address. Removes the filter Network.</text></hexadecimal>	show history	Displays the last 20 commands entered during the current CLI session.
Clears the screen. default priority Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Network <text> Sets the filter Network. Removes the filter MAC Address. Removes the filter Network.</text>	write	Stores the current configuration in permanent memory.
default priority Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12:3a:bc Note that quotes must enclose the value if it contains spaces. Network <text> Sets the filter Network. Removes the filter MAC Address. Removes the filter Network.</text>	filter 2 (config-ethernet-qos-filter:eth0:2) level comman	nds
exit Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Network <text> Sets the filter Network. Removes the filter MAC Address. Removes the filter Network.</text>	clrscrn	Clears the screen.
mac address <hexadecimal> Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12:3a:bc Note that quotes must enclose the value if it contains spaces. Network <text> Sets the filter Network. Removes the filter MAC Address. Removes the filter Network.</text></hexadecimal>	default priority	Restores the default value of the priority (Excellent Effort).
two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. network <text> Sets the filter Network. Removes the filter MAC Address. Removes the filter Network.</text>	exit	Exits to the next higher level.
no mac address Removes the filter MAC Address. no network Removes the filter Network.	mac address <hexadecimal></hexadecimal>	two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must en-
no network Removes the filter Network.	network <text></text>	Sets the filter Network.
	no mac address	Removes the filter MAC Address.
	no network	Removes the filter Network.
no ports Removes the filter Port.	no ports	Removes the filter Port.

ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is
phonty background	5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 20 (config-wwan-qos-filter:wwan0:20) leve	el commands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.

priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 20 (config-ethernet-qos-filter:eth0:20) level com	mands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 21 (config-wwan-qos-filter:wwan0:21) level com	mands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address < hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.

network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is
priority such ground	5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
	02. 000.01
write	Stores the current configuration in permanent memory.
write filter 21 (config-ethernet-qos-filter:eth0:21) level comm	Stores the current configuration in permanent memory.
	Stores the current configuration in permanent memory.
filter 21 (config-ethernet-qos-filter:eth0:21) level comm	Stores the current configuration in permanent memory.
filter 21 (config-ethernet-qos-filter:eth0:21) level commo	Stores the current configuration in permanent memory. ands Clears the screen.
filter 21 (config-ethernet-qos-filter:eth0:21) level commodracing cirscrn default priority	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort).
filter 21 (config-ethernet-qos-filter:eth0:21) level common clrscrn default priority exit	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must en-
filter 21 (config-ethernet-qos-filter:eth0:21) level commodration clrscrn default priority exit mac address < hexadecimal>	Stores the current configuration in permanent memory. Index Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
filter 21 (config-ethernet-qos-filter:eth0:21) level common classers default priority exit mac address < hexadecimal > network < text >	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network.
filter 21 (config-ethernet-qos-filter:eth0:21) level common classern default priority exit mac address < hexadecimal > network < text > no mac address	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address.
filter 21 (config-ethernet-qos-filter:eth0:21) level common classers default priority exit mac address < hexadecimal > network < text > no mac address no network	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address. Removes the filter Network.
filter 21 (config-ethernet-qos-filter:eth0:21) level common classern default priority exit mac address < hexadecimal> network < text> no mac address no network no ports	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter Network. Removes the filter Port.
filter 21 (config-ethernet-qos-filter:eth0:21) level common clusern default priority exit mac address < hexadecimal > network < text > no mac address no network no ports ports < text >	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address. Removes the filter Port. Sets the priority to Background. Bandwidth allocated is
clrscrn default priority exit mac address < hexadecimal> network < text> no mac address no network no ports ports < text> priority background	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address. Removes the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is
filter 21 (config-ethernet-qos-filter:eth0:21) level commodiscrin default priority exit mac address < hexadecimal > network < text > no mac address no network no ports ports < text > priority background priority best effort	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address. Removes the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Critical Applications. Bandwidth allo-

	cated is 5%-100%.
priority notwork control	
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 22 (config-wwan-qos-filter:wwan0:22) level comm	ands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 22 (config-ethernet-qos-filter:eth0:22) level comm	ands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).

exit	Exits to the next higher level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 23 (config-wwan-qos-filter:wwan0:23) level comm	ands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.

priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 23 (config-ethernet-qos-filter:eth0:23) level comm	nands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address < hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.

write	Stores the current configuration in permanent memory.
filter 24 (config-wwan-qos-filter:wwan0:24) level comm	nands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address < hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 24 (config-ethernet-qos-filter:eth0:24) level comm	nands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.

Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Background. Bandwidth allocated is 10%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%. Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 15%-100%. Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%. Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 30%-100%. Sets the priority to Video. Bandwidth allocated is 30%-100%. Show the current configuration. Displays the last 20 commands entered during the current CLI session. Write Stores the default value of the priority (Excellent Effort). Exist to the next higher level. Sets the priority adjust. Sets any to 10 persented by two adjacent hex 12.3a bc Vite 13.3a Bc Vite 12.3a Bc Vite 13.3a Bc	ports <text></text>	Sets the filter Port.
59%-100% Sets the priority to Best Effort. Bandwidth allocated is 10%-100% Sets the priority to Critical Applications. Bandwidth allocated is 15%-100% Sets the priority to Excellent Effort. Bandwidth allocated is 15%-100% Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100% Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100% Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100% Sets the priority to Network Control. Bandwidth allocated is 5%-100% Sets the priority to Video. Bandwidth allocated is 5%-100% Sets the priority to Video. Bandwidth allocated is 30%-100% Sets the priority to Video. Bandwidth allocated is 30%-100% Show Bhow Bhow Bhow Bhow Bhow Bhow Bhow B		
10%-100%. Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%. Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 15%-100%. Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 20%-100%. Sets the priority to Video. Bandwidth allocated is 30%-100%. Shows the current configuration. Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory. Stores the screen. Stores t	priority background	
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Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Sets the filter MAC Address. Removes the filter MAC Address. Removes the filter Network. Removes the filter Port. Sets the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Critical Applications. Bandwidth allocated is 10%-100%. Priority internetwork control Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%.	exit	Exits to the next higher level.
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is 5%-100%. priority video Sets the priority to Video. Bandwidth allocated is 20%-	priority internetwork control	
	priority network control	
	priority video	

priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 25 (config-ethernet-qos-filter:eth0:25) level com	mands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address < hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 26 (config-wwan-qos-filter:wwan0:26) level com	mands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address < hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.

network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is
Friend, Sacrigiounia	5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
write filter 26 (config-ethernet-qos-filter:eth0:26) level comm	Stores the current configuration in permanent memory.
	Stores the current configuration in permanent memory.
filter 26 (config-ethernet-qos-filter:eth0:26) level comm	Stores the current configuration in permanent memory.
filter 26 (config-ethernet-qos-filter:eth0:26) level comme clrscrn	Stores the current configuration in permanent memory. ands Clears the screen.
filter 26 (config-ethernet-qos-filter:eth0:26) level commodration clrscrn default priority	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort).
filter 26 (config-ethernet-qos-filter:eth0:26) level common clrscrn default priority exit	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must en-
filter 26 (config-ethernet-qos-filter:eth0:26) level commodration clrscrn default priority exit mac address < hexadecimal>	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
filter 26 (config-ethernet-qos-filter:eth0:26) level common classers default priority exit mac address < hexadecimal > network < text >	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network.
filter 26 (config-ethernet-qos-filter:eth0:26) level common classers default priority exit mac address < hexadecimal > network < text > no mac address	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address.
filter 26 (config-ethernet-qos-filter:eth0:26) level common classern default priority exit mac address < hexadecimal > network < text > no mac address no network	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address. Removes the filter Network.
filter 26 (config-ethernet-qos-filter:eth0:26) level common classern default priority exit mac address < hexadecimal > network < text > no mac address no network no ports	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter Network. Removes the filter Port.
filter 26 (config-ethernet-qos-filter:eth0:26) level common clusern default priority exit mac address < hexadecimal > network < text > no mac address no network no ports ports < text >	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address. Removes the filter Port. Sets the priority to Background. Bandwidth allocated is
filter 26 (config-ethernet-qos-filter:eth0:26) level common classern default priority exit mac address < hexadecimal> network < text> no mac address no network no ports ports < text> priority background	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address. Removes the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is
filter 26 (config-ethernet-qos-filter:eth0:26) level commodiscrin default priority exit mac address < hexadecimal > network < text > no mac address no network no ports ports < text > priority background priority best effort	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address. Removes the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Critical Applications. Bandwidth allo-

	cated is 5%-100%.
priority potygody control	
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 27 (config-wwan-qos-filter:wwan0:27) level comm	ands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 27 (config-ethernet-qos-filter:eth0:27) level comm	ands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).

exit	Exits to the next higher level.
mac address < hexadecimal >	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 28 (config-wwan-qos-filter:wwan0:28) level comm	ands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.

priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 28 (config-ethernet-qos-filter:eth0:28) level comm	nands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address < hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.

write	Stores the current configuration in permanent memory.
filter 29 (config-wwan-qos-filter:wwan0:29) level comm	nands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 29 (config-ethernet-qos-filter:eth0:29) level comm	nands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.

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priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 3 (config-ethernet-qos-filter:eth0:3) level comma	ands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address < hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 30 (config-wwan-qos-filter:wwan0:30) level com	mands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address < hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.

network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is
Friend, Sacrigiounia	5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
write filter 30 (config-ethernet-qos-filter:eth0:30) level comm	Stores the current configuration in permanent memory.
	Stores the current configuration in permanent memory.
filter 30 (config-ethernet-qos-filter:eth0:30) level comm	Stores the current configuration in permanent memory.
filter 30 (config-ethernet-qos-filter:eth0:30) level commo	Stores the current configuration in permanent memory. ands Clears the screen.
filter 30 (config-ethernet-qos-filter:eth0:30) level commodracing classification default priority	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort).
filter 30 (config-ethernet-qos-filter:eth0:30) level common clrscrn default priority exit	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must en-
filter 30 (config-ethernet-qos-filter:eth0:30) level commodration clrscrn default priority exit mac address < hexadecimal>	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
filter 30 (config-ethernet-qos-filter:eth0:30) level common classers default priority exit mac address < hexadecimal > network < text >	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network.
filter 30 (config-ethernet-qos-filter:eth0:30) level common classers default priority exit mac address < hexadecimal > network < text > no mac address	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address.
filter 30 (config-ethernet-qos-filter:eth0:30) level common classers default priority exit mac address < hexadecimal > network < text > no mac address no network	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address. Removes the filter Network.
filter 30 (config-ethernet-qos-filter:eth0:30) level common classers default priority exit mac address < hexadecimal > network < text > no mac address no network no ports	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter Network. Removes the filter Port.
filter 30 (config-ethernet-qos-filter:eth0:30) level commodration cliscrin default priority exit mac address < hexadecimal> network < text> no mac address no network no ports ports < text>	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address. Removes the filter Port. Sets the priority to Background. Bandwidth allocated is
filter 30 (config-ethernet-qos-filter:eth0:30) level common classers default priority exit mac address < hexadecimal > network < text > no mac address no network no ports ports < text > priority background	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address. Removes the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is
filter 30 (config-ethernet-qos-filter:eth0:30) level commodiscrin default priority exit mac address < hexadecimal > network < text > no mac address no network no ports ports < text > priority background priority best effort	Stores the current configuration in permanent memory. ands Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address. Removes the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Critical Applications. Bandwidth allo-

	cated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 31 (config-wwan-qos-filter:wwan0:31)	level commands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 31 (config-ethernet-qos-filter:eth0:31)	level commands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).

exit	Exits to the next higher level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 32 (config-wwan-qos-filter:wwan0:32) level comm	ands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.

priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 32 (config-ethernet-qos-filter:eth0:32) level comm	nands
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address < hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.

Stores the current configuration in permanent memory.
ands
Clears the screen.
Restores the default value of the priority (Excellent Effort).
Exits to the next higher level.
Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
Sets the filter Network.
Removes the filter MAC Address.
Removes the filter Network.
Removes the filter Port.
Sets the filter Port.
Sets the priority to Background. Bandwidth allocated is 5%-100%.
Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
Sets the priority to Video. Bandwidth allocated is 20%-100%.
Sets the priority to Voice. Bandwidth allocated is 30%-100%.
Shows the current configuration.
Displays the last 20 commands entered during the current CLI session.
Stores the current configuration in permanent memory.
ands
Clears the screen.
Restores the default value of the priority (Excellent Effort).
Exits to the next higher level.
Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
Sets the filter Network.
Removes the filter MAC Address.
Removes the filter Network.

ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is
. , ,	5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 5 (config-wwan-qos-filter:wwan0:5) level comman	nds
cirscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	
	Sets the filter Network.
no mac address	Sets the filter Network. Removes the filter MAC Address.
no mac address no network	
	Removes the filter MAC Address.
no network	Removes the filter MAC Address. Removes the filter Network.
no network no ports	Removes the filter MAC Address. Removes the filter Network. Removes the filter Port.
no network no ports ports <text></text>	Removes the filter MAC Address. Removes the filter Network. Removes the filter Port. Sets the filter Port. Sets the priority to Background. Bandwidth allocated is
no network no ports ports <text> priority background</text>	Removes the filter MAC Address. Removes the filter Network. Removes the filter Port. Sets the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is
no network no ports ports <text> priority background priority best effort</text>	Removes the filter MAC Address. Removes the filter Network. Removes the filter Port. Sets the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is 10%-100%. Sets the priority to Critical Applications. Bandwidth allo-
no network no ports ports <text> priority background priority best effort priority critical applications</text>	Removes the filter MAC Address. Removes the filter Network. Removes the filter Port. Sets the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is 10%-100%. Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is
no network no ports ports <text> priority background priority best effort priority critical applications priority excellent effort</text>	Removes the filter MAC Address. Removes the filter Network. Removes the filter Port. Sets the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is 10%-100%. Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%. Sets the priority to Internetwork Control. Bandwidth allo-

priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 5 (config-ethernet-qos-filter:eth0:5) level comma	ınds
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address < hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 6 (config-wwan-qos-filter:wwan0:6) level comma	ınds
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address < hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.

network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is
priority sacrigiounia	5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
write filter 6 (config-ethernet-qos-filter:eth0:6) level commar	Stores the current configuration in permanent memory.
	Stores the current configuration in permanent memory.
filter 6 (config-ethernet-qos-filter:eth0:6) level commar	Stores the current configuration in permanent memory.
filter 6 (config-ethernet-qos-filter:eth0:6) level commar clrscrn	Stores the current configuration in permanent memory. Clears the screen.
filter 6 (config-ethernet-qos-filter:eth0:6) level commar clrscrn default priority	Stores the current configuration in permanent memory. Clears the screen. Restores the default value of the priority (Excellent Effort).
filter 6 (config-ethernet-qos-filter:eth0:6) level commar clrscrn default priority exit	Stores the current configuration in permanent memory. Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must en-
filter 6 (config-ethernet-qos-filter:eth0:6) level commar clrscrn default priority exit mac address < hexadecimal>	Stores the current configuration in permanent memory. Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
filter 6 (config-ethernet-qos-filter:eth0:6) level commar clrscrn default priority exit mac address < hexadecimal > network < text>	Stores the current configuration in permanent memory. Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network.
filter 6 (config-ethernet-qos-filter:eth0:6) level commar clrscrn default priority exit mac address < hexadecimal > network < text > no mac address	Stores the current configuration in permanent memory. Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address.
filter 6 (config-ethernet-qos-filter:eth0:6) level commar clrscrn default priority exit mac address <hexadecimal> network <text> no mac address no network</text></hexadecimal>	Stores the current configuration in permanent memory. Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address. Removes the filter Network.
filter 6 (config-ethernet-qos-filter:eth0:6) level commar clrscrn default priority exit mac address <hexadecimal> network <text> no mac address no network no ports</text></hexadecimal>	Stores the current configuration in permanent memory. Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter Network. Removes the filter Port.
filter 6 (config-ethernet-qos-filter:eth0:6) level commar clrscrn default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text></text></text></hexadecimal>	Stores the current configuration in permanent memory. Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address. Removes the filter Port. Sets the priority to Background. Bandwidth allocated is
filter 6 (config-ethernet-qos-filter:eth0:6) level commar clrscrn default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text> priority background</text></text></hexadecimal>	Stores the current configuration in permanent memory. Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address. Removes the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is
filter 6 (config-ethernet-qos-filter:eth0:6) level commar clrscrn default priority exit mac address < hexadecimal> network < text> no mac address no network no ports ports < text> priority background priority best effort	Stores the current configuration in permanent memory. Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter MAC Address. Removes the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Critical Applications. Bandwidth allo-

cated is 5%-100%.
Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
Sets the priority to Video. Bandwidth allocated is 20%-100%.
Sets the priority to Voice. Bandwidth allocated is 30%-100%.
Shows the current configuration.
Displays the last 20 commands entered during the current CLI session.
Stores the current configuration in permanent memory.
ds
Clears the screen.
Restores the default value of the priority (Excellent Effort).
Exits to the next higher level.
Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
Sets the filter Network.
Removes the filter MAC Address.
Removes the filter Network.
Removes the filter Port.
Sets the filter Port.
Sets the priority to Background. Bandwidth allocated is 5%-100%.
Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
Sets the priority to Video. Bandwidth allocated is 20%-100%.
Sets the priority to Voice. Bandwidth allocated is 30%-100%.
Shows the current configuration.
Displays the last 20 commands entered during the current CLI session.
Stores the current configuration in permanent memory.
ds
Clears the screen.

exit	Exits to the next higher level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 8 (config-wwan-qos-filter:wwan0:8) level comman	ds
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address < hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.

priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
filter 8 (config-ethernet-qos-filter:eth0:8) level commar	nds
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
exit	Exits to the next higher level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
network <text></text>	Sets the filter Network.
no mac address	Removes the filter MAC Address.
no network	Removes the filter Network.
no ports	Removes the filter Port.
ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is 5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.

default priority exit Exits to the next higher level. Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC *12 3A BC* 12.3a.bc* 12.3a.bc* Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Sets the filter Network. In mac address Removes the filter PMC Address. Removes the filter PMC Address. Removes the filter PMC Address. Removes the filter Port. Sets the filter Port. Sets the filter Port. Sets the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is 10%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 15%-100%. Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Show Show the current configuration. Displays the last 20 commands entered during the current configuration. Displays the last 20 commands entered during the current Classison. Gleast the priority to Video. Bandwidth allocated is 30%-100%. Show the current configuration in permanent memory. Sets the current configuration in permanent memory. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC *123ABC* 123ABC* 1	write	Stores the current configuration in permanent memory.
default priority exit Exits to the next higher level. Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC *12 3A BC* 12.3a.bc* 12.3a.bc* Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Sets the filter Network. In mac address Removes the filter PMC Address. Removes the filter PMC Address. Removes the filter PMC Address. Removes the filter Port. Sets the filter Port. Sets the filter Port. Sets the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is 10%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 15%-100%. Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Show Show the current configuration. Displays the last 20 commands entered during the current configuration. Displays the last 20 commands entered during the current Classison. Gleast the priority to Video. Bandwidth allocated is 30%-100%. Show the current configuration in permanent memory. Sets the current configuration in permanent memory. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC *123ABC* 123ABC* 1	filter 9 (config-wwan-qos-filter:wwan0:9) level com	nmands
Exits to the next higher level. mac address <hexadecimal> Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12 3A bc 12:3a-bc Note that quotes must enclose the value if it contains spaces. Sets the filter Network. Removes the filter Network. Removes the filter Port. Sets the filter Port. Sets the filter Port. Sets the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Priority best effort Sets the priority to Best Effort. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 5%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 5%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 5%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 20%-100%. Sets the priority to Video. Bandwidth allocated is 20%-100%. Sets the priority to Video. Bandwidth allocated is 20%-100%. Show the current configuration. Displays the last 20 commands entered during the current CLI session. Show the current configuration in permanent memory. Sets the screen. Gefault priority Restrictions played commands Clears the screen. Sets the filter Network Acadess. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12.3a.bc Note that quotes must enclose the value if it contains spaces.</hexadecimal>	clrscrn	Clears the screen.
Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC 12 3A BC 12,3A,BC 12.3a,bc 12.	default priority	Restores the default value of the priority (Excellent Effort).
two adjacent hex digits. Bytes may rut together or be separated by optional punctuation: 123ABC "12 3A BC" 12 3A BC 12 3	exit	Exits to the next higher level.
Removes the filter MAC Address. Removes the filter MAC Address. Removes the filter Network. Removes the filter Port. Sets the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is 10%-100%. Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 15%-100%. Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%. Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 30%-100%. Sets the priority to Voice. Bandwidth allocated is 30%-100%. Show Show Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Write Stores the current configuration in permanent memory. Glears the screen. Clears the screen. Clears the screen. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "123A BC" 123A, BC 123a, bc 123abc Note that quotes must enclose the value if it contains spaces. Network <a 12="" 12,3a,bc="" 12.3a.bc="" 12:3a:bc="" 3a="" bc"="" en-<="" href="mailto:remover-remove-remo</td><td>mac address <hexadecimal></td><td>two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC " must="" note="" quotes="" td="" that="">		
no network no ports ports < text> Sets the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Priority background Sets the priority to Best Effort. Bandwidth allocated is 10%-100%. Sets the priority to Best Effort. Bandwidth allocated is 10%-100%. Sets the priority to Critical Applications. Bandwidth allocated is 10%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%. Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%. Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Sets the priority to Voice. Bandwidth allocated is 30%-100%. Show Show Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Write Stores the current configuration in permanent memory. Write Stores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC *123ABC*	network <text></text>	Sets the filter Network.
Removes the filter Port. Sets the filter Port. Sets the filter Port. Sets the priority background Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is 10%-100%. Sets the priority to Critical Applications. Bandwidth allocated is 10%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 15%-100%. Priority excellent effort Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%. Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 20%-100%. Sets the priority to Video. Bandwidth allocated is 20%-100%. Show the current configuration. Shows the current configuration. Displays the last 20 commands entered during the current CL1 session. Sites the current configuration in permanent memory. Sets the screen. default priority Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hax digits. Bytes may run together or be separated by optional punctuation: 123ABC* 123A BC* 12,3A B	no mac address	Removes the filter MAC Address.
ports <text> priority background Sets the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is 10%-100%. Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%. Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%. Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 20%-100%. Sets the priority to Voice. Bandwidth allocated is 30%-100%. Show Show Show the current configuration. Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Write Stores the current configuration in permanent memory. Iffiter 9 (config-ethernet-qos-filter.eth0:9) level commands cliscrn Clears the screen. default priority Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12.3A BC" 12.3a.bc 12.3a.bc Note that quotes must enclose the value if it contains spaces. network <text> Sets the filter Network. Removes the filter Network.</text></text>	no network	Removes the filter Network.
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5%-100%. Sets the priority to Best Effort. Bandwidth allocated is 10%-100%. Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%. Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 20%-100%. Sets the priority to Voice. Bandwidth allocated is 30%-100%. Sets the priority to Voice. Bandwidth allocated is 30%-100%. Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Write Stores the default value of the priority (Excellent Effort). Exit of the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12,3A,BC 12:3a:bc 12	ports <text></text>	Sets the filter Port.
priority critical applications Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%. Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%. Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Sets the priority to Video. Bandwidth allocated is 20%-100%. Sets the priority to Voice. Bandwidth allocated is 20%-100%. Sets the priority to Voice. Bandwidth allocated is 30%-100%. Show Show Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory. filter 9 (config-ethernet-qos-filter:eth0:9) level commands Clears the screen. Clears the screen. Clears the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC *123ABC	priority background	. ,
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priority voice Sets the priority to Voice. Bandwidth allocated is 30%- 100%. Show Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Write Stores the current configuration in permanent memory. Filter 9 (config-ethernet-qos-filter:eth0:9) level commands Clears the screen. Gefault priority Restores the default value of the priority (Excellent Effort). Exit Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Network < text> Sets the filter Network. Removes the filter Network. Removes the filter Network.	priority network control	
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clrscrn Clears the screen. default priority Restores the default value of the priority (Excellent Effort). exit Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. network <text> Sets the filter Network. Removes the filter MAC Address. Removes the filter MAC Address.</text>	show history	Displays the last 20 commands entered during the current CLI session.
Clears the screen. default priority Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Network <text> Sets the filter Network. Removes the filter MAC Address. Removes the filter Network.</text>	write	Stores the current configuration in permanent memory.
default priority Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Network <text> Sets the filter Network. Removes the filter MAC Address. Removes the filter Network.</text>	filter 9 (config-ethernet-qos-filter:eth0:9) level com	nmands
exit Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Network <text> Sets the filter Network. Removes the filter MAC Address. Removes the filter Network.</text>	clrscrn	Clears the screen.
exit Exits to the next higher level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Network <text> Sets the filter Network. Removes the filter MAC Address. Removes the filter Network.</text>	default priority	Restores the default value of the priority (Excellent Effort).
two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Network <text> Sets the filter Network. Removes the filter MAC Address. Removes the filter Network.</text>	exit	
no mac address Removes the filter MAC Address. no network Removes the filter Network.	mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must en-
no network Removes the filter Network.	network <text></text>	Sets the filter Network.
	no mac address	Removes the filter MAC Address.
no ports Removes the filter Port.	no network	Removes the filter Network.
	no ports	Removes the filter Port.

ports <text></text>	Sets the filter Port.
priority background	Sets the priority to Background. Bandwidth allocated is
, , , , , , , ,	5%-100%.
priority best effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%.
priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
priority internetwork control	Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.
priority network control	Sets the priority to Network Control. Bandwidth allocated is 5%-100%.
priority video	Sets the priority to Video. Bandwidth allocated is 20%-100%.
priority voice	Sets the priority to Voice. Bandwidth allocated is 30%-100%.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
ftp (config-ftp) level commands	
clrscrn	Clears the screen.
exit	Returns to the config level.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	Displays the FTP statistics.
state disable	Disables the FTP server.
state enable	Enables the FTP server.
write	Stores the current configuration in permanent memory.
ftp put (config-action-ftp_put:wwan0 link state change	level commands
clrscrn	Clears the screen.
connection <instance></instance>	Enters the next lower level. Specify the instance for the next lower level.
default mode	Sets default of simultaneous connection mode.
exit	Exits to the next higher level.
mode sequential	Sets sequential mode; will stop after first connection that goes through.
mode simultaneous	Sets simultaneous mode; will make all possible connections.
no reminder interval	Clears the FTP Put reminder interval. FTP Put is sent once only.
reminder interval <minutes></minutes>	Sets the FTP Put reminder interval.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.

ftp put (config-action-ftp_put:eth0 link st	
clrscrn	Clears the screen.
connection <instance></instance>	Enters the next lower level. Specify the instance for the next lower level.
default mode	Sets default of simultaneous connection mode.
exit	Exits to the next higher level.
mode sequential	Sets sequential mode; will stop after first connection that goes through.
mode simultaneous	Sets simultaneous mode; will make all possible connections.
no reminder interval	Clears the FTP Put reminder interval. FTP Put is sent once only.
reminder interval <minutes></minutes>	Sets the FTP Put reminder interval.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
ftp put (config-action-ftp_put:digital inpu	t 2 state change) level commands
clrscrn	Clears the screen.
connection <instance></instance>	Enters the next lower level. Specify the instance for the next lower level.
default mode	Sets default of simultaneous connection mode.
exit	Exits to the next higher level.
mode sequential	Sets sequential mode; will stop after first connection that goes through.
mode simultaneous	Sets simultaneous mode; will make all possible connections.
no reminder interval	Clears the FTP Put reminder interval. FTP Put is sent once only.
reminder interval <minutes></minutes>	Sets the FTP Put reminder interval.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
ftp put (config-action-ftp_put:digital inpu	t 1 state change) level commands
clrscrn	Clears the screen.
connection <instance></instance>	Enters the next lower level. Specify the instance for the next lower level.
default mode	Sets default of simultaneous connection mode.
exit	Exits to the next higher level.
mode sequential	Sets sequential mode; will stop after first connection that goes through.
mode simultaneous	Sets simultaneous mode; will make all possible connections.
no reminder interval	Clears the FTP Put reminder interval. FTP Put is sent once only.
reminder interval <minutes></minutes>	Sets the FTP Put reminder interval.

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Shows the current configuration.
Displays the last 20 commands entered during the current CLI session.
Stores the current configuration in permanent memory.
Add a forwarding rule without a name.
Add a forwarding rule based on ip address without a name.
Add a forwarding rule with a name.
Add a forwarding rule based on ip address with a name.
Add a MAC Address filter.
Add a static route without a name.
Add a static route with a name.
Clears the screen.
Restores operating mode to the default value (Disabled).
Restores IP address of router to the default value.
Restores preferred WAN interface to the default value.
Deletes all mac address filters.
Deletes all static routes.
Deletes all port forwarding rules.
Deletes an entry from the mac address filters <instance> = index of the entry being removed</instance>
Deletes an entry from the static routes <instance> = index of the entry being removed.</instance>
Deletes an entry from the port forwarding rules <instance> = index of the entry being removed.</instance>
Enters the dhcpserver level.
Returns to the config level.
Disables firewall on WAN interface.
Enables firewall on WAN interface.
Change to config mac filter level.
Disables MAC Address filtering.
Enables MAC Address filtering.
Clears the name of the primary DNS server.
Clears the name of the secondary DNS server.
Disables routing on WAN interface.
Enables routing with NAT on WAN interface.
Enables routing without NAT on WAN interface.
Change to config gateway port forwarding level.
Sets the IP address of the primary DNS server.
Sets the IP address of router. Formats accepted: 192.168.1.1 (default mask) 192.168.1.1/24 (CIDR)

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	"192.168.1.1 255.255.255.0" (explicit mask)
secondary dns <ip address=""></ip>	Sets the IP address of the secondary DNS server.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show routing table	Show current routing table.
show status	Show gateway configuration and status.
static route < <i>number</i> >	Change to config gateway static route level.
wan interface <text></text>	Sets the preferred WAN interface. <text> = interface name.</text>
write	Stores the current configuration in permanent memory.
gprs roaming (config-action-gprs_roaming:wwan0 link	state change) level commands
clrscrn	Clears the screen.
default state	Sets default GPRS roaming state.
exit	Exits to the next higher level.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
state disabled	Disables GPRS roaming.
state enabled	Enables GPRS roaming.
state no change	GPRS roaming state is not changed.
write	Stores the current configuration in permanent memory.
gprs roaming (config-action-gprs_roaming:eth0 link st	ate change) level commands
clrscrn	Clears the screen.
default state	Sets default GPRS roaming state.
exit	Exits to the next higher level.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
state disabled	Disables GPRS roaming.
state enabled	Enables GPRS roaming.
state no change	GPRS roaming state is not changed.
write	Stores the current configuration in permanent memory.
gprs roaming (config-action-gprs_roaming:digital input	t 2 state change) level commands
clrscrn	Clears the screen.
default state	Sets default GPRS roaming state.
exit	Exits to the next higher level.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
state disabled	Disables GPRS roaming.
state enabled	Enables GPRS roaming.
state no change	GPRS roaming state is not changed.
write	Stores the current configuration in permanent memory.
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clrscrn	Clears the screen.
default state	Sets default GPRS roaming state.
exit	Exits to the next higher level.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
state disabled	Disables GPRS roaming.
state enabled	Enables GPRS roaming.
state no change	GPRS roaming state is not changed.
write	Stores the current configuration in permanent memory.
host 1 (tunnel-connect-host:2:1) level commands	
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
aes decrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes decrypt key text <text></text>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
aes encrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes encrypt key text < <i>text</i> >	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
auto show statistics	show connection statistics
clrscrn	Clears the screen.
credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL client.
default protocol	Restores the default protocol as "TCP".
default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.
no address	Removes the remote host address used to establish tun- neling connections.
no aes decrypt key	Removes the connect tunnel AES decrypt key.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no credentials	Clears the RSA/DSA certificate selection.
no port	Removes the remote port used to establish tunnel connections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.

port < <i>number</i> >	Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
protocol ssh	Uses SSH protocol for connect mode tunneling.
protocol ssl	Uses SSL protocol for connect mode tunneling.
protocol tcp	Uses TCP protocol for connect mode tunneling.
protocol tcp aes	Uses TCP protocol with AES encryption for connect mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
ssh username <text></text>	Sets the SSH user name for use when establishing tunneling connections with other devices. <text> = SSH user name.</text>
tcp keep alive < <i>milliseconds</i> >	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 1 (tunnel-connect-host:1:1) level commands	
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
aes decrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes decrypt key text < text>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
aes encrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes encrypt key text < text>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
auto show statistics	show connection statistics
clrscrn	Clears the screen.

credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL client.
default protocol	Restores the default protocol as "TCP".
default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.
no address	Removes the remote host address used to establish tun- neling connections.
no aes decrypt key	Removes the connect tunnel AES decrypt key.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no credentials	Clears the RSA/DSA certificate selection.
no port	Removes the remote port used to establish tunnel connections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
port < <i>number</i> >	Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
protocol ssh	Uses SSH protocol for connect mode tunneling.
protocol ssl	Uses SSL protocol for connect mode tunneling.
protocol tcp	Uses TCP protocol for connect mode tunneling.
protocol tcp aes	Uses TCP protocol with AES encryption for connect mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
ssh username <text></text>	Sets the SSH user name for use when establishing tun- neling connections with other devices. <text> = SSH user name.</text>
tcp keep alive < <i>milliseconds</i> >	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 1 (config-host:1) level commands	
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).
default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
exit	Exits to the configuration level.

host <number></number>	Change to config host lovel
	Change to config host level
name <text></text>	Sets the name of the host. <text> = name of the host.</text>
no name	Clears the name of the host.
no remote address	Clears the remote address of the host.
no ssh username	Clears the SSH username associated with the host.
protocol ssh	Sets the protocol to SSH.
protocol telnet	Sets the protocol to Telnet.
remote address <text></text>	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address.</text>
remote port <number></number>	Sets the remote port used to connect to the host. <num- ber> = port to be used.</num-
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh username <text></text>	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.
host 10 (tunnel-connect-host:2:10) level commands	
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
aes decrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes decrypt key text <text></text>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
aes encrypt key <i><hexadecimal></hexadecimal></i>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes encrypt key text <text></text>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
auto show statistics	show connection statistics
clrscrn	Clears the screen.
credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL client.
default protocol	Restores the default protocol as "TCP".
default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.
no address	Removes the remote host address used to establish tunneling connections.

no aes decrypt key	Removes the connect tunnel AES decrypt key.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no credentials	Clears the RSA/DSA certificate selection.
no port	Removes the remote port used to establish tunnel connections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
port < <i>number</i> >	Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
protocol ssh	Uses SSH protocol for connect mode tunneling.
protocol ssl	Uses SSL protocol for connect mode tunneling.
protocol tcp	Uses TCP protocol for connect mode tunneling.
protocol tcp aes	Uses TCP protocol with AES encryption for connect mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
ssh username <text></text>	Sets the SSH user name for use when establishing tunneling connections with other devices. <text> = SSH user name.</text>
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 10 (tunnel-connect-host:1:10) level commands	
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
aes decrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes decrypt key text < text>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
aes encrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional

	punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc
	12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes encrypt key text < <i>text</i> >	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
auto show statistics	show connection statistics
clrscrn	Clears the screen.
credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL client.
default protocol	Restores the default protocol as "TCP".
default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.
no address	Removes the remote host address used to establish tun- neling connections.
no aes decrypt key	Removes the connect tunnel AES decrypt key.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no credentials	Clears the RSA/DSA certificate selection.
no port	Removes the remote port used to establish tunnel connections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
port < <i>number</i> >	Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
protocol ssh	Uses SSH protocol for connect mode tunneling.
protocol ssl	Uses SSL protocol for connect mode tunneling.
protocol tcp	Uses TCP protocol for connect mode tunneling.
protocol tcp aes	Uses TCP protocol with AES encryption for connect mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
ssh username <text></text>	Sets the SSH user name for use when establishing tunneling connections with other devices. <text> = SSH user name.</text>
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when con-

	necting.
write	Stores the current configuration in permanent memory.
host 10 (config-host:10) level commands	
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).
default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
exit	Exits to the configuration level.
host <number></number>	Change to config host level
name <text></text>	Sets the name of the host. <text> = name of the host.</text>
no name	Clears the name of the host.
no remote address	Clears the remote address of the host.
no ssh username	Clears the SSH username associated with the host.
protocol ssh	Sets the protocol to SSH.
protocol telnet	Sets the protocol to Telnet.
remote address <text></text>	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address.</text>
remote port <number></number>	Sets the remote port used to connect to the host. <number> = port to be used.</number>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh username <text></text>	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.
host 11 (tunnel-connect-host:2:11) level commands	
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
aes decrypt key <i><hexadecimal></hexadecimal></i>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes decrypt key text <text></text>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
aes encrypt key <i><hexadecimal></hexadecimal></i>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes encrypt key text <text></text>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
auto show statistics	show connection statistics
<u> </u>	-

alva ava	Classe the assess
clrscrn	Clears the screen.
credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL client.
default protocol	Restores the default protocol as "TCP".
default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.
no address	Removes the remote host address used to establish tun- neling connections.
no aes decrypt key	Removes the connect tunnel AES decrypt key.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no credentials	Clears the RSA/DSA certificate selection.
no port	Removes the remote port used to establish tunnel connections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
port < <i>number</i> >	Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
protocol ssh	Uses SSH protocol for connect mode tunneling.
protocol ssl	Uses SSL protocol for connect mode tunneling.
protocol tcp	Uses TCP protocol for connect mode tunneling.
protocol tcp aes	Uses TCP protocol with AES encryption for connect mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
ssh username <text></text>	Sets the SSH user name for use when establishing tun- neling connections with other devices. <text> = SSH user name.</text>
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 11 (tunnel-connect-host:1:11) level com	mands
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
aes decrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex dig-

aes decrypt key text <text></text>	its. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES decrypt key with up to 16
aes decrypt key text	bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
aes encrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes encrypt key text < <i>text</i> >	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
auto show statistics	show connection statistics
clrscrn	Clears the screen.
credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL client.
default protocol	Restores the default protocol as "TCP".
default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.
no address	Removes the remote host address used to establish tunneling connections.
no aes decrypt key	Removes the connect tunnel AES decrypt key.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no credentials	Clears the RSA/DSA certificate selection.
no port	Removes the remote port used to establish tunnel connections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
port < <i>number</i> >	Sets the remote port to use for connect mode tunneling. <pre><number> = number of the port to use.</number></pre>
protocol ssh	Uses SSH protocol for connect mode tunneling.
protocol ssl	Uses SSL protocol for connect mode tunneling.
protocol tcp	Uses TCP protocol for connect mode tunneling.
protocol tcp aes	Uses TCP protocol with AES encryption for connect mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.

show statistics	show connection statistics
ssh username <text></text>	Sets the SSH user name for use when establishing tun-
Son username (lext/)	neling connections with other devices. <text> = SSH user name.</text>
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 11 (config-host:11) level commands	
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).
default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
exit	Exits to the configuration level.
host <number></number>	Change to config host level
name <text></text>	Sets the name of the host. <text> = name of the host.</text>
no name	Clears the name of the host.
no remote address	Clears the remote address of the host.
no ssh username	Clears the SSH username associated with the host.
protocol ssh	Sets the protocol to SSH.
protocol telnet	Sets the protocol to Telnet.
remote address <text></text>	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address.</text>
remote port <number></number>	Sets the remote port used to connect to the host. <num- ber> = port to be used.</num-
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh username <text></text>	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.
host 12 (tunnel-connect-host:2:12) level co	ommands
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
aes decrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes decrypt key text <text></text>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.

aes encrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes encrypt key text < <i>text</i> >	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
auto show statistics	show connection statistics
clrscrn	Clears the screen.
credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL client.
default protocol	Restores the default protocol as "TCP".
default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.
no address	Removes the remote host address used to establish tunneling connections.
no aes decrypt key	Removes the connect tunnel AES decrypt key.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no credentials	Clears the RSA/DSA certificate selection.
no port	Removes the remote port used to establish tunnel connections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
port < <i>number</i> >	Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
protocol ssh	Uses SSH protocol for connect mode tunneling.
protocol ssl	Uses SSL protocol for connect mode tunneling.
protocol tcp	Uses TCP protocol for connect mode tunneling.
protocol tcp aes	Uses TCP protocol with AES encryption for connect mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
ssh username <text></text>	Sets the SSH user name for use when establishing tunneling connections with other devices. <text> = SSH user name.</text>
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>

validate certificate disable	Skips verification of the server certificate when connect-
validate cartificate anable	Ing.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 12 (tunnel-connect-host:1:12) level commands	
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
aes decrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes decrypt key text < <i>text</i> >	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
aes encrypt key <i><hexadecimal></hexadecimal></i>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes encrypt key text < <i>text</i> >	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
auto show statistics	show connection statistics
clrscrn	Clears the screen.
credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL client.
default protocol	Restores the default protocol as "TCP".
default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.
no address	Removes the remote host address used to establish tunneling connections.
no aes decrypt key	Removes the connect tunnel AES decrypt key.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no credentials	Clears the RSA/DSA certificate selection.
no port	Removes the remote port used to establish tunnel connections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
port < <i>number</i> >	Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
	I
protocol ssh	Uses SSH protocol for connect mode tunneling.
protocol ssh protocol ssl	Uses SSH protocol for connect mode tunneling. Uses SSL protocol for connect mode tunneling.

protocol tcp aes	Uses TCP protocol with AES encryption for connect mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
ssh username <text></text>	Sets the SSH user name for use when establishing tun- neling connections with other devices. <text> = SSH user name.</text>
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 12 (config-host:12) level commands	
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).
default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
exit	Exits to the configuration level.
host <number></number>	Change to config host level
name <text></text>	Sets the name of the host. <text> = name of the host.</text>
no name	Clears the name of the host.
no remote address	Clears the remote address of the host.
no ssh username	Clears the SSH username associated with the host.
protocol ssh	Sets the protocol to SSH.
protocol telnet	Sets the protocol to Telnet.
remote address <text></text>	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address.</text>
remote port <number></number>	Sets the remote port used to connect to the host. <number> = port to be used.</number>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh username <text></text>	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.
host 13 (tunnel-connect-host:2:13) level commands	
address <text></text>	Sets the remote host to establish tunneling connections

	with. <text> = IP address or host name of the remote host.</text>
aes decrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes decrypt key text < <i>text</i> >	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
aes encrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes encrypt key text < <i>text</i> >	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
auto show statistics	show connection statistics
clrscrn	Clears the screen.
credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL client.
default protocol	Restores the default protocol as "TCP".
default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.
no address	Removes the remote host address used to establish tunneling connections.
no aes decrypt key	Removes the connect tunnel AES decrypt key.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no credentials	Clears the RSA/DSA certificate selection.
no port	Removes the remote port used to establish tunnel connections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
port < <i>number</i> >	Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
protocol ssh	Uses SSH protocol for connect mode tunneling.
protocol ssl	Uses SSL protocol for connect mode tunneling.
protocol tcp	Uses TCP protocol for connect mode tunneling.
protocol tcp aes	Uses TCP protocol with AES encryption for connect mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.

show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
ssh username <text></text>	Sets the SSH user name for use when establishing tunneling connections with other devices. <text> = SSH user name.</text>
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 13 (tunnel-connect-host:1:13) level commands	
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
aes decrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes decrypt key text < <i>text</i> >	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
aes encrypt key <i><hexadecimal></hexadecimal></i>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes encrypt key text < <i>text</i> >	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
auto show statistics	show connection statistics
clrscrn	Clears the screen.
credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL client.
default protocol	Restores the default protocol as "TCP".
default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.
no address	Removes the remote host address used to establish tunneling connections.
no aes decrypt key	Removes the connect tunnel AES decrypt key.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no credentials	Clears the RSA/DSA certificate selection.

no port	Removes the remote port used to establish tunnel con-
	nections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
port < <i>number></i>	Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
protocol ssh	Uses SSH protocol for connect mode tunneling.
protocol ssl	Uses SSL protocol for connect mode tunneling.
protocol tcp	Uses TCP protocol for connect mode tunneling.
protocol tcp aes	Uses TCP protocol with AES encryption for connect mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
ssh username <text></text>	Sets the SSH user name for use when establishing tunneling connections with other devices. <text> = SSH user name.</text>
tcp keep alive < <i>milliseconds</i> >	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 13 (config-host:13) level commands	
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).
default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
exit	Exits to the configuration level.
host < <i>number></i>	Change to config host level
name <text></text>	Sets the name of the host. <text> = name of the host.</text>
no name	Clears the name of the host.
no remote address	Clears the remote address of the host.
no ssh username	Clears the SSH username associated with the host.
protocol ssh	Sets the protocol to SSH.
protocol telnet	Sets the protocol to Telnet.
remote address <text></text>	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address.</text>
remote port <number></number>	Sets the remote port used to connect to the host. <num-< td=""></num-<>

	ber> = port to be used.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh username <text></text>	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.
host 14 (tunnel-connect-host:2:14) level commands	
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
aes decrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes decrypt key text <text></text>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
aes encrypt key <i><hexadecimal></hexadecimal></i>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes encrypt key text < text>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
auto show statistics	show connection statistics
clrscrn	Clears the screen.
credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL client.
default protocol	Restores the default protocol as "TCP".
default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.
no address	Removes the remote host address used to establish tunneling connections.
no aes decrypt key	Removes the connect tunnel AES decrypt key.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no credentials	Clears the RSA/DSA certificate selection.
no port	Removes the remote port used to establish tunnel connections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
port < <i>number</i> >	Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
protocol ssh	Uses SSH protocol for connect mode tunneling.

protocol ssl	Uses SSL protocol for connect mode tunneling.
protocol tcp	Uses TCP protocol for connect mode tunneling.
protocol tcp aes	Uses TCP protocol with AES encryption for connect mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
ssh username <text></text>	Sets the SSH user name for use when establishing tun- neling connections with other devices. <text> = SSH user name.</text>
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 14 (tunnel-connect-host:1:14) level commands	
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
aes decrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc
	12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes decrypt key text <text></text>	12:3a:bc Note that quotes must enclose the value if it con-
aes decrypt key text <text> aes encrypt key <hexadecimal></hexadecimal></text>	12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains
,	12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it con-
aes encrypt key <hexadecimal></hexadecimal>	12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains
aes encrypt key <hexadecimal> aes encrypt key text <text></text></hexadecimal>	12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
aes encrypt key <hexadecimal> aes encrypt key text <text> auto show statistics</text></hexadecimal>	12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. show connection statistics
aes encrypt key <hexadecimal> aes encrypt key text <text> auto show statistics clrscrn</text></hexadecimal>	12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. show connection statistics Clears the screen. Selects the RSA/DSA certificates by name for the SSL

default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.
no address	Removes the remote host address used to establish tunneling connections.
no aes decrypt key	Removes the connect tunnel AES decrypt key.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no credentials	Clears the RSA/DSA certificate selection.
no port	Removes the remote port used to establish tunnel connections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
port < <i>number></i>	Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
protocol ssh	Uses SSH protocol for connect mode tunneling.
protocol ssl	Uses SSL protocol for connect mode tunneling.
protocol tcp	Uses TCP protocol for connect mode tunneling.
protocol tcp aes	Uses TCP protocol with AES encryption for connect mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
ssh username <text></text>	Sets the SSH user name for use when establishing tunneling connections with other devices. <text> = SSH user name.</text>
tcp keep alive <i><milliseconds></milliseconds></i>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 14 (config-host:14) level commands	
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).
default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
exit	Exits to the configuration level.
host <number></number>	Change to config host level
name <text></text>	Sets the name of the host. <text> = name of the host.</text>
no name	Clears the name of the host.

no romato address	Clears the remote address of the host.
no remote address	
no ssh username	Clears the SSH username associated with the host.
protocol ssh	Sets the protocol to SSH.
protocol telnet	Sets the protocol to Telnet.
remote address <text></text>	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address.</text>
remote port <number></number>	Sets the remote port used to connect to the host. <number> = port to be used.</number>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh username <text></text>	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.
host 15 (tunnel-connect-host:2:15) level commands	
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
aes decrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes decrypt key text <text></text>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
aes encrypt key <i><hexadecimal></hexadecimal></i>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes encrypt key text < <i>text</i> >	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
auto show statistics	show connection statistics
clrscrn	Clears the screen.
credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL client.
default protocol	Restores the default protocol as "TCP".
default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
<u></u>	
exit	Exits to the next higher level.
exit no address	Exits to the next higher level. Removes the remote host address used to establish tunneling connections.
	Removes the remote host address used to establish tun-
no address	Removes the remote host address used to establish tunneling connections.

no port	Removes the remote port used to establish tunnel connections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
port < <i>number</i> >	Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
protocol ssh	Uses SSH protocol for connect mode tunneling.
protocol ssl	Uses SSL protocol for connect mode tunneling.
protocol tcp	Uses TCP protocol for connect mode tunneling.
protocol tcp aes	Uses TCP protocol with AES encryption for connect mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
ssh username < <i>text</i> >	Sets the SSH user name for use when establishing tunneling connections with other devices. <text> = SSH user name.</text>
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 15 (tunnel-connect-host:1:15) level con	nmands
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
aes decrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes decrypt key text <text></text>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
aes encrypt key <i><hexadecimal></hexadecimal></i>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes encrypt key text <text></text>	Sets the connect tunnel AES encrypt key with up to 16

auto show statistics clrscrn credentials <text> default protocol</text>	bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. show connection statistics Clears the screen. Selects the RSA/DSA certificates by name for the SSL
clrscrn credentials <text></text>	Clears the screen. Selects the RSA/DSA certificates by name for the SSL
credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL
	•
default protocol	client.
	Restores the default protocol as "TCP".
default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.
no address	Removes the remote host address used to establish tunneling connections.
no aes decrypt key	Removes the connect tunnel AES decrypt key.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no credentials	Clears the RSA/DSA certificate selection.
no port	Removes the remote port used to establish tunnel connections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
port <number></number>	Sets the remote port to use for connect mode tunneling. <pre><number> = number of the port to use.</number></pre>
protocol ssh	Uses SSH protocol for connect mode tunneling.
protocol ssl	Uses SSL protocol for connect mode tunneling.
protocol tcp	Uses TCP protocol for connect mode tunneling.
protocol tcp aes	Uses TCP protocol with AES encryption for connect mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
ssh username <text></text>	Sets the SSH user name for use when establishing tun- neling connections with other devices. <text> = SSH user name.</text>
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.

clrscrn default protocol default remote port exit host <number> name <text> no name no remote address no ssh username protocol ssh protocol telnet remote address <text></text></text></number>	Restores the default value of the protocol (Telnet). Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol. Exits to the configuration level. Change to config host level Sets the name of the host. <text> = name of the host. Clears the name of the host. Clears the remote address of the host. Clears the SSH username associated with the host. Sets the protocol to SSH. Sets the protocol to Telnet.</text>
default remote port exit host <number> name <text> no name no remote address no ssh username protocol ssh protocol telnet</text></number>	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol. Exits to the configuration level. Change to config host level Sets the name of the host. <text> = name of the host. Clears the name of the host. Clears the remote address of the host. Clears the SSH username associated with the host. Sets the protocol to SSH.</text>
host <number> name <text> no name no remote address no ssh username protocol ssh protocol telnet</text></number>	Change to config host level Sets the name of the host. <text> = name of the host. Clears the name of the host. Clears the remote address of the host. Clears the SSH username associated with the host. Sets the protocol to SSH.</text>
name <text> no name no remote address no ssh username protocol ssh protocol telnet</text>	Sets the name of the host. <text> = name of the host. Clears the name of the host. Clears the remote address of the host. Clears the SSH username associated with the host. Sets the protocol to SSH.</text>
no name no remote address no ssh username protocol ssh protocol telnet	Clears the name of the host. Clears the remote address of the host. Clears the SSH username associated with the host. Sets the protocol to SSH.
no remote address no ssh username protocol ssh protocol telnet	Clears the remote address of the host. Clears the SSH username associated with the host. Sets the protocol to SSH.
no ssh username protocol ssh protocol telnet	Clears the SSH username associated with the host. Sets the protocol to SSH.
protocol ssh protocol telnet	Sets the protocol to SSH.
protocol telnet	·
•	Sets the protocol to Telnet
remote address <text></text>	Colo allo protocci to romon
	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address.</text>
remote port <number></number>	Sets the remote port used to connect to the host. <number> = port to be used.</number>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh username <text></text>	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.
host 16 (tunnel-connect-host:2:16) level commands	
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
aes decrypt key <i><hexadecimal></hexadecimal></i>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional
	punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes decrypt key text < <i>text</i> >	punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it con-
aes decrypt key text <text> aes encrypt key <hexadecimal></hexadecimal></text>	punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains
	punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it con-
aes encrypt key <i><hexadecimal></hexadecimal></i>	punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains
aes encrypt key <hexadecimal> aes encrypt key text <text></text></hexadecimal>	punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.

default protocol	Restores the default protocol as "TCP".
default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.
no address	Removes the remote host address used to establish tun- neling connections.
no aes decrypt key	Removes the connect tunnel AES decrypt key.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no credentials	Clears the RSA/DSA certificate selection.
no port	Removes the remote port used to establish tunnel connections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
port < <i>number</i> >	Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
protocol ssh	Uses SSH protocol for connect mode tunneling.
protocol ssl	Uses SSL protocol for connect mode tunneling.
protocol tcp	Uses TCP protocol for connect mode tunneling.
protocol tcp aes	Uses TCP protocol with AES encryption for connect mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
ssh username <text></text>	Sets the SSH user name for use when establishing tun- neling connections with other devices. <text> = SSH user name.</text>
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 16 (tunnel-connect-host:1:16) level commands	
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
aes decrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.

aes decrypt key text <text></text>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
aes encrypt key <i><hexadecimal></hexadecimal></i>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes encrypt key text < <i>text</i> >	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
auto show statistics	show connection statistics
clrscrn	Clears the screen.
credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL client.
default protocol	Restores the default protocol as "TCP".
default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.
no address	Removes the remote host address used to establish tun- neling connections.
no aes decrypt key	Removes the connect tunnel AES decrypt key.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no credentials	Clears the RSA/DSA certificate selection.
no port	Removes the remote port used to establish tunnel connections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
port < <i>number</i> >	Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
protocol ssh	Uses SSH protocol for connect mode tunneling.
protocol ssl	Uses SSL protocol for connect mode tunneling.
protocol tcp	Uses TCP protocol for connect mode tunneling.
protocol tcp aes	Uses TCP protocol with AES encryption for connect mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
ssh username < <i>text</i> >	Sets the SSH user name for use when establishing tun- neling connections with other devices. <text> = SSH user name.</text>

tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 16 (config-host:16) level commands	
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).
default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
exit	Exits to the configuration level.
host < <i>number</i> >	Change to config host level
name <text></text>	Sets the name of the host. <text> = name of the host.</text>
no name	Clears the name of the host.
no remote address	Clears the remote address of the host.
no ssh username	Clears the SSH username associated with the host.
protocol ssh	Sets the protocol to SSH.
protocol telnet	Sets the protocol to Telnet.
remote address <text></text>	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address.</text>
remote port <number></number>	Sets the remote port used to connect to the host. <number> = port to be used.</number>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh username <text></text>	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.
host 17 (config-host:17) level commands	
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).
default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
exit	Exits to the configuration level.
host <number></number>	Change to config host level
name <text></text>	Sets the name of the host. <text> = name of the host.</text>
no name	Clears the name of the host.
no remote address	Clears the remote address of the host.
no ssh username	Clears the SSH username associated with the host.
protocol ssh	Sets the protocol to SSH.
protocol telnet	Sets the protocol to Telnet.
remote address <text></text>	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> =</text>

	IP address.
remote port <number></number>	Sets the remote port used to connect to the host. <num-< td=""></num-<>
·	ber> = port to be used.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh username <text></text>	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.
host 18 (config-host:18) level commands	
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).
default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
exit	Exits to the configuration level.
host <number></number>	Change to config host level
name <text></text>	Sets the name of the host. <text> = name of the host.</text>
no name	Clears the name of the host.
no remote address	Clears the remote address of the host.
no ssh username	Clears the SSH username associated with the host.
protocol ssh	Sets the protocol to SSH.
protocol telnet	Sets the protocol to Telnet.
remote address <text></text>	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address.</text>
remote port <number></number>	Sets the remote port used to connect to the host. <num- ber> = port to be used.</num-
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh username <text></text>	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.
host 19 (config-host:19) level commands	
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).
default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
exit	Exits to the configuration level.
host <number></number>	Change to config host level
name <text></text>	Sets the name of the host. <text> = name of the host.</text>
no name	Clears the name of the host.
no remote address	Clears the remote address of the host.
no ssh username	Clears the SSH username associated with the host.
protocol ssh	Sets the protocol to SSH.
protocol telnet	Sets the protocol to Telnet.

remote address <text></text>	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address.</text>
remote port <number></number>	Sets the remote port used to connect to the host. <number> = port to be used.</number>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh username <text></text>	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.
host 2 (tunnel-connect-host:2:2) level commands	
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
aes decrypt key <i><hexadecimal></hexadecimal></i>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes decrypt key text < <i>text</i> >	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
aes encrypt key <i><hexadecimal></hexadecimal></i>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes encrypt key text < <i>text</i> >	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
auto show statistics	show connection statistics
clrscrn	Clears the screen.
credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL client.
default protocol	Restores the default protocol as "TCP".
default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.
no address	Removes the remote host address used to establish tunneling connections.
no aes decrypt key	Removes the connect tunnel AES decrypt key.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no credentials	Clears the RSA/DSA certificate selection.
no port	Democratic manufactured to establish toward and
	Removes the remote port used to establish tunnel connections.
no ssh username	

port < <i>number</i> >	Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
protocol ssh	Uses SSH protocol for connect mode tunneling.
protocol ssl	Uses SSL protocol for connect mode tunneling.
protocol tcp	Uses TCP protocol for connect mode tunneling.
protocol tcp aes	Uses TCP protocol with AES encryption for connect mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
ssh username <text></text>	Sets the SSH user name for use when establishing tun- neling connections with other devices. <text> = SSH user name.</text>
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 2 (tunnel-connect-host:1:2) level commands	
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
aes decrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes decrypt key text < <i>text</i> >	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
aes encrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes encrypt key text < <i>text</i> >	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
auto show statistics	show connection statistics
clrscrn	Clears the screen.

credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL client.
default protocol	Restores the default protocol as "TCP".
default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.
no address	Removes the remote host address used to establish tun- neling connections.
no aes decrypt key	Removes the connect tunnel AES decrypt key.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no credentials	Clears the RSA/DSA certificate selection.
no port	Removes the remote port used to establish tunnel connections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
port < <i>number></i>	Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
protocol ssh	Uses SSH protocol for connect mode tunneling.
protocol ssl	Uses SSL protocol for connect mode tunneling.
protocol tcp	Uses TCP protocol for connect mode tunneling.
protocol tcp aes	Uses TCP protocol with AES encryption for connect mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
ssh username <text></text>	Sets the SSH user name for use when establishing tunneling connections with other devices. <text> = SSH user name.</text>
tcp keep alive <i><milliseconds></milliseconds></i>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 2 (config-host:2) level commands	
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).
default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
exit	Exits to the configuration level.
	1

host <number></number>	Change to config host level
name <text></text>	Sets the name of the host. <text> = name of the host.</text>
no name	Clears the name of the host.
no remote address	Clears the remote address of the host.
no ssh username	Clears the SSH username associated with the host.
protocol ssh	Sets the protocol to SSH.
protocol telnet	Sets the protocol to Telnet.
remote address <text></text>	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address.</text>
remote port <number></number>	Sets the remote port used to connect to the host. <number> = port to be used.</number>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh username <text></text>	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.
host 20 (config-host:20) level commands	
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).
default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
exit	Exits to the configuration level.
host < <i>number</i> >	Change to config host level
name <text></text>	Sets the name of the host. <text> = name of the host.</text>
no name	Clears the name of the host.
no remote address	Clears the remote address of the host.
no ssh username	Clears the SSH username associated with the host.
protocol ssh	Sets the protocol to SSH.
protocol telnet	Sets the protocol to Telnet.
remote address <text></text>	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address.</text>
remote port < number>	Sets the remote port used to connect to the host. <number> = port to be used.</number>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh username <text></text>	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.
host 21 (config-host:21) level commands	
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).
default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.

exit	Exits to the configuration level.
host <number></number>	Change to config host level
name <text></text>	Sets the name of the host. <text> = name of the host.</text>
no name	Clears the name of the host.
no remote address	Clears the remote address of the host.
no ssh username	Clears the SSH username associated with the host.
protocol ssh	Sets the protocol to SSH.
protocol telnet	Sets the protocol to Telnet.
remote address <text></text>	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address.</text>
remote port <number></number>	Sets the remote port used to connect to the host. <number> = port to be used.</number>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh username <text></text>	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.
host 22 (config-host:22) level commands	
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).
default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
exit	Exits to the configuration level.
host <number></number>	Change to config host level
name <text></text>	Sets the name of the host. <text> = name of the host.</text>
no name	Clears the name of the host.
no remote address	Clears the remote address of the host.
no ssh username	Clears the SSH username associated with the host.
protocol ssh	Sets the protocol to SSH.
protocol telnet	Sets the protocol to Telnet.
remote address <text></text>	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address.</text>
remote port <number></number>	Sets the remote port used to connect to the host. <num- ber> = port to be used.</num-
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh username <text></text>	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.
host 23 (config-host:23) level commands	
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).

default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
exit	Exits to the configuration level.
host <number></number>	Change to config host level
name <text></text>	Sets the name of the host. <text> = name of the host.</text>
no name	Clears the name of the host.
no remote address	Clears the remote address of the host.
no ssh username	Clears the SSH username associated with the host.
protocol ssh	Sets the protocol to SSH.
protocol telnet	Sets the protocol to Telnet.
remote address <text></text>	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address.</text>
remote port <number></number>	Sets the remote port used to connect to the host. <number> = port to be used.</number>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh username <text></text>	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.
host 24 (config-host:24) level commands	
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).
default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
exit	Exits to the configuration level.
host <number></number>	Change to config host level
name <text></text>	Sets the name of the host. <text> = name of the host.</text>
no name	Clears the name of the host.
no remote address	Clears the remote address of the host.
no ssh username	Clears the SSH username associated with the host.
protocol ssh	Sets the protocol to SSH.
protocol telnet	Sets the protocol to Telnet.
remote address <text></text>	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address.</text>
remote port <number></number>	Sets the remote port used to connect to the host. <num- ber> = port to be used.</num-
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh username <text></text>	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.
host 25 (config-host:25) level commands	
clrscrn	Clears the screen.

default remote port exit host <number> name <text> no name no remote address no ssh username protocol ssh protocol telnet remote address <text> square squa</text></text></number>	Restores the default value of the protocol (Telnet). Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol. Exits to the configuration level. Change to config host level Sets the name of the host. <text> = name of the host. Clears the name of the host. Clears the remote address of the host. Clears the SSH username associated with the host. Sets the protocol to SSH. Sets the protocol to Telnet. Sets the IP address of the remote host to connect to when</text>
exit host <number> name <text> no name no remote address no ssh username protocol ssh protocol telnet remote address <text></text></text></number>	default value, which depends on the selected protocol. Exits to the configuration level. Change to config host level Sets the name of the host. <text> = name of the host. Clears the name of the host. Clears the remote address of the host. Clears the SSH username associated with the host. Sets the protocol to SSH. Sets the IP address of the remote host to connect to when</text>
host <number> name <text> solution no name no remote address no ssh username protocol ssh protocol telnet remote address <text> solution s</text></text></number>	Change to config host level Sets the name of the host. <text> = name of the host. Clears the name of the host. Clears the remote address of the host. Clears the SSH username associated with the host. Sets the protocol to SSH. Sets the protocol to Telnet. Sets the IP address of the remote host to connect to when</text>
name <text> no name no remote address no ssh username protocol ssh protocol telnet remote address <text> \$\$</text></text>	Sets the name of the host. <text> = name of the host. Clears the name of the host. Clears the remote address of the host. Clears the SSH username associated with the host. Sets the protocol to SSH. Sets the protocol to Telnet. Sets the IP address of the remote host to connect to when</text>
no name no remote address no ssh username protocol ssh protocol telnet remote address < text>	Clears the name of the host. Clears the remote address of the host. Clears the SSH username associated with the host. Sets the protocol to SSH. Sets the protocol to Telnet. Sets the IP address of the remote host to connect to when
no remote address no ssh username protocol ssh protocol telnet remote address < text> (a)	Clears the remote address of the host. Clears the SSH username associated with the host. Sets the protocol to SSH. Sets the protocol to Telnet. Sets the IP address of the remote host to connect to when
no ssh username (protocol ssh (protocol telnet (remote address < text> (stress = 1)	Clears the SSH username associated with the host. Sets the protocol to SSH. Sets the protocol to Telnet. Sets the IP address of the remote host to connect to when
protocol ssh S protocol telnet S remote address < text>	Sets the protocol to SSH. Sets the protocol to Telnet. Sets the IP address of the remote host to connect to when
protocol telnet sremote address <text></text>	Sets the protocol to Telnet. Sets the IP address of the remote host to connect to when
remote address <text></text>	Sets the IP address of the remote host to connect to when
	this host is selected on the login connect menu. <text> = IP address.</text>
	Sets the remote port used to connect to the host. <number> = port to be used.</number>
show	Displays the current configuration.
	Displays the last 20 commands entered during the current CLI session.
	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.
host 26 (config-host:26) level commands	
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).
	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
exit [Exits to the configuration level.
host <number></number>	Change to config host level
name <text></text>	Sets the name of the host. <text> = name of the host.</text>
no name	Clears the name of the host.
no remote address	Clears the remote address of the host.
no ssh username	Clears the SSH username associated with the host.
protocol ssh	Sets the protocol to SSH.
protocol telnet	Sets the protocol to Telnet.
t	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address.</text>
•	Sets the remote port used to connect to the host. <number> = port to be used.</number>
show	Displays the current configuration.
	Displays the last 20 commands entered during the current CLI session.
	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.

cirscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).
default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
exit	Exits to the configuration level.
host < <i>number</i> >	Change to config host level
name <text></text>	Sets the name of the host. <text> = name of the host.</text>
no name	Clears the name of the host.
no remote address	Clears the remote address of the host.
no ssh username	Clears the SSH username associated with the host.
protocol ssh	Sets the protocol to SSH.
protocol telnet	Sets the protocol to Telnet.
remote address <text></text>	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address.</text>
remote port < <i>number</i> >	Sets the remote port used to connect to the host. <num- ber> = port to be used.</num-
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh username <text></text>	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.
	etoree are current comiguration in permanent memory.
host 28 (config-host:28) level commands	ciores and surrous seringulation in permanent memory.
17	Clears the screen.
host 28 (config-host:28) level commands	
host 28 (config-host:28) level commands clrscrn	Clears the screen.
host 28 (config-host:28) level commands clrscrn default protocol	Clears the screen. Restores the default value of the protocol (Telnet). Sets the remote port (used to connect to the host) to the
host 28 (config-host:28) level commands cirscrn default protocol default remote port	Clears the screen. Restores the default value of the protocol (Telnet). Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
host 28 (config-host:28) level commands clrscrn default protocol default remote port exit	Clears the screen. Restores the default value of the protocol (Telnet). Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol. Exits to the configuration level.
host 28 (config-host:28) level commands clrscrn default protocol default remote port exit host <number></number>	Clears the screen. Restores the default value of the protocol (Telnet). Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol. Exits to the configuration level. Change to config host level
host 28 (config-host:28) level commands clrscrn default protocol default remote port exit host <number> name <text></text></number>	Clears the screen. Restores the default value of the protocol (Telnet). Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol. Exits to the configuration level. Change to config host level Sets the name of the host. <text> = name of the host.</text>
host 28 (config-host:28) level commands clrscrn default protocol default remote port exit host <number> name <text> no name</text></number>	Clears the screen. Restores the default value of the protocol (Telnet). Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol. Exits to the configuration level. Change to config host level Sets the name of the host. <text> = name of the host. Clears the name of the host.</text>
host 28 (config-host:28) level commands clrscrn default protocol default remote port exit host <number> name <text> no name no remote address</text></number>	Clears the screen. Restores the default value of the protocol (Telnet). Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol. Exits to the configuration level. Change to config host level Sets the name of the host. <text> = name of the host. Clears the name of the host.</text>
host 28 (config-host:28) level commands clrscrn default protocol default remote port exit host <number> name <text> no name no remote address no ssh username</text></number>	Clears the screen. Restores the default value of the protocol (Telnet). Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol. Exits to the configuration level. Change to config host level Sets the name of the host. <text> = name of the host. Clears the name of the host. Clears the remote address of the host. Clears the SSH username associated with the host.</text>
host 28 (config-host:28) level commands cirscrn default protocol default remote port exit host <number> name <text> no name no remote address no ssh username protocol ssh</text></number>	Clears the screen. Restores the default value of the protocol (Telnet). Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol. Exits to the configuration level. Change to config host level Sets the name of the host. <text> = name of the host. Clears the name of the host. Clears the remote address of the host. Clears the SSH username associated with the host. Sets the protocol to SSH.</text>
host 28 (config-host:28) level commands clrscrn default protocol default remote port exit host <number> name <text> no name no remote address no ssh username protocol ssh protocol telnet</text></number>	Clears the screen. Restores the default value of the protocol (Telnet). Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol. Exits to the configuration level. Change to config host level Sets the name of the host. <text> = name of the host. Clears the name of the host. Clears the remote address of the host. Clears the SSH username associated with the host. Sets the protocol to SSH. Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> =</text></text>
host 28 (config-host:28) level commands cirscrn default protocol default remote port exit host <number> name <text> no name no remote address no ssh username protocol ssh protocol telnet remote address <text></text></text></number>	Clears the screen. Restores the default value of the protocol (Telnet). Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol. Exits to the configuration level. Change to config host level Sets the name of the host. <text> = name of the host. Clears the name of the host. Clears the remote address of the host. Clears the SSH username associated with the host. Sets the protocol to SSH. Sets the protocol to Telnet. Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address. Sets the remote port used to connect to the host. <num-< td=""></num-<></text></text>
nost 28 (config-host:28) level commands clrscrn default protocol default remote port exit host <number> name <text> no name no remote address no ssh username protocol ssh protocol telnet remote address <text> remote port <number></number></text></text></number>	Clears the screen. Restores the default value of the protocol (Telnet). Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol. Exits to the configuration level. Change to config host level Sets the name of the host. <text> = name of the host. Clears the name of the host. Clears the remote address of the host. Clears the SSH username associated with the host. Sets the protocol to SSH. Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address. Sets the remote port used to connect to the host. <number> = port to be used.</number></text></text>
nost 28 (config-host:28) level commands clrscrn default protocol default remote port exit host <number> name <text> no name no remote address no ssh username protocol ssh protocol telnet remote address <text> remote port <number> show</number></text></text></number>	Clears the screen. Restores the default value of the protocol (Telnet). Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol. Exits to the configuration level. Change to config host level Sets the name of the host. <text> = name of the host. Clears the remote address of the host. Clears the SSH username associated with the host. Sets the protocol to SSH. Sets the protocol to Telnet. Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address. Sets the remote port used to connect to the host. <number> = port to be used. Displays the last 20 commands entered during the current</number></text></text>

host 29 (config-host:29) level commands	
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).
default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
exit	Exits to the configuration level.
host <number></number>	Change to config host level
name <text></text>	Sets the name of the host. <text> = name of the host.</text>
no name	Clears the name of the host.
no remote address	Clears the remote address of the host.
no ssh username	Clears the SSH username associated with the host.
protocol ssh	Sets the protocol to SSH.
protocol telnet	Sets the protocol to Telnet.
remote address <text></text>	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address.</text>
remote port <number></number>	Sets the remote port used to connect to the host. <number> = port to be used.</number>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh username <text></text>	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.
host 3 (tunnel-connect-host:2:3) level commands	
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
aes decrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes decrypt key text < <i>text</i> >	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
aes encrypt key <i><hexadecimal></hexadecimal></i>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
	•
aes encrypt key text < <i>text</i> >	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
aes encrypt key text < text> auto show statistics	bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains
	bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.

	client.
default protocol	Restores the default protocol as "TCP".
default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.
no address	Removes the remote host address used to establish tun- neling connections.
no aes decrypt key	Removes the connect tunnel AES decrypt key.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no credentials	Clears the RSA/DSA certificate selection.
no port	Removes the remote port used to establish tunnel connections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
port < <i>number</i> >	Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
protocol ssh	Uses SSH protocol for connect mode tunneling.
protocol ssl	Uses SSL protocol for connect mode tunneling.
protocol tcp	Uses TCP protocol for connect mode tunneling.
protocol tcp aes	Uses TCP protocol with AES encryption for connect mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
ssh username <text></text>	Sets the SSH user name for use when establishing tun- neling connections with other devices. <text> = SSH user name.</text>
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 3 (tunnel-connect-host:1:3) level commands	
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
aes decrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it con-

tains spaces.
Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
show connection statistics
Clears the screen.
Selects the RSA/DSA certificates by name for the SSL client.
Restores the default protocol as "TCP".
Restores the default 45 second connect mode TCP keep alive timeout.
Exits to the next higher level.
Removes the remote host address used to establish tunneling connections.
Removes the connect tunnel AES decrypt key.
Removes the connect tunnel AES encrypt key.
Clears the RSA/DSA certificate selection.
Removes the remote port used to establish tunnel connections.
Removes the SSH user name.
Disables the connect mode TCP keep alive timeout.
Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
Uses SSH protocol for connect mode tunneling.
Uses SSL protocol for connect mode tunneling.
Uses TCP protocol for connect mode tunneling.
Uses TCP protocol with AES encryption for connect mode tunneling.
Uses Telnet protocol (with IAC) for connect mode tunneling.
Uses UDP protocol for connect mode tunneling.
Uses UDP protocol with AES encryption for connect mode tunneling.
Shows the current configuration.
Displays the last 20 commands entered during the current CLI session.
show connection statistics
Sets the SSH user name for use when establishing tun-

	neling connections with other devices. <text> = SSH user</text>
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in millisec-</milliseconds>
	onds.
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 3 (config-host:3) level commands	
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).
default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
exit	Exits to the configuration level.
host <number></number>	Change to config host level
name <text></text>	Sets the name of the host. <text> = name of the host.</text>
no name	Clears the name of the host.
no remote address	Clears the remote address of the host.
no ssh username	Clears the SSH username associated with the host.
protocol ssh	Sets the protocol to SSH.
protocol telnet	Sets the protocol to Telnet.
remote address <text></text>	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address.</text>
remote port <number></number>	Sets the remote port used to connect to the host. <number> = port to be used.</number>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh username <text></text>	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.
host 30 (config-host:30) level commands	
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).
default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
exit	Exits to the configuration level.
host <number></number>	Change to config host level
name <text></text>	Sets the name of the host. <text> = name of the host.</text>
no name	Clears the name of the host.
no remote address	Clears the remote address of the host.
no ssh username	Clears the SSH username associated with the host.
protocol ssh	Sets the protocol to SSH.
protocol telnet	Sets the protocol to Telnet.

remote address <text></text>	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> =</text>
	IP address.
remote port <number></number>	Sets the remote port used to connect to the host. <num- ber> = port to be used.</num-
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh username <text></text>	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.
host 31 (config-host:31) level commands	
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).
default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
exit	Exits to the configuration level.
host <number></number>	Change to config host level
name <text></text>	Sets the name of the host. <text> = name of the host.</text>
no name	Clears the name of the host.
no remote address	Clears the remote address of the host.
no ssh username	Clears the SSH username associated with the host.
protocol ssh	Sets the protocol to SSH.
protocol telnet	Sets the protocol to Telnet.
remote address <text></text>	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address.</text>
remote port <number></number>	Sets the remote port used to connect to the host. <num- ber> = port to be used.</num-
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh username <text></text>	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.
host 32 (config-host:32) level commands	
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).
default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
exit	Exits to the configuration level.
host <number></number>	Change to config host level
name <text></text>	Sets the name of the host. <text> = name of the host.</text>
no name	Clears the name of the host.
no remote address	Clears the remote address of the host.
no ssh username	Clears the SSH username associated with the host.
protocol ssh	Sets the protocol to SSH.

protocol telnet	Sets the protocol to Telnet.
remote address <text></text>	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address.</text>
remote port <number></number>	Sets the remote port used to connect to the host. <num- ber> = port to be used.</num-
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh username <text></text>	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.
host 4 (tunnel-connect-host:2:4) level comm	ands
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
aes decrypt key < <i>hexadecimal</i> >	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes decrypt key text < text>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
aes encrypt key <i><hexadecimal></hexadecimal></i>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes encrypt key text < <i>text</i> >	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
auto show statistics	show connection statistics
clrscrn	Clears the screen.
credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL client.
default protocol	Restores the default protocol as "TCP".
default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.
no address	Removes the remote host address used to establish tun- neling connections.
no aes decrypt key	Removes the connect tunnel AES decrypt key.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no credentials	Clears the RSA/DSA certificate selection.
no port	Removes the remote port used to establish tunnel connections.
no ssh username	Removes the SSH user name.

no tcp keep alive	Disables the connect mode TCP keep alive timeout.
port < <i>number></i>	Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
protocol ssh	Uses SSH protocol for connect mode tunneling.
protocol ssl	Uses SSL protocol for connect mode tunneling.
protocol tcp	Uses TCP protocol for connect mode tunneling.
protocol tcp aes	Uses TCP protocol with AES encryption for connect mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
ssh username <text></text>	Sets the SSH user name for use when establishing tunneling connections with other devices. <text> = SSH user name.</text>
tcp keep alive < <i>milliseconds</i> >	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 4 (tunnel-connect-host:1:4) level commands	
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
aes decrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes decrypt key text < <i>text</i> >	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
aes encrypt key <i><hexadecimal></hexadecimal></i>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes encrypt key text < <i>text</i> >	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
auto show statistics	show connection statistics

cirscrn	Clears the screen.
credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL client.
default protocol	Restores the default protocol as "TCP".
default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.
no address	Removes the remote host address used to establish tun- neling connections.
no aes decrypt key	Removes the connect tunnel AES decrypt key.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no credentials	Clears the RSA/DSA certificate selection.
no port	Removes the remote port used to establish tunnel connections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
port < <i>number</i> >	Sets the remote port to use for connect mode tunneling. <pre><number> = number of the port to use.</number></pre>
protocol ssh	Uses SSH protocol for connect mode tunneling.
protocol ssl	Uses SSL protocol for connect mode tunneling.
protocol tcp	Uses TCP protocol for connect mode tunneling.
protocol tcp aes	Uses TCP protocol with AES encryption for connect mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
ssh username <text></text>	Sets the SSH user name for use when establishing tunneling connections with other devices. <text> = SSH user name.</text>
tcp keep alive < <i>milliseconds</i> >	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 4 (config-host:4) level commands	
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).
default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.

host <number> name <text> no name no remote address no ssh username protocol ssh protocol telnet remote address <text> remote port <number> show show history</number></text></text></number>	Exits to the configuration level. Change to config host level Sets the name of the host. <text> = name of the host. Clears the name of the host. Clears the remote address of the host. Clears the SSH username associated with the host. Sets the protocol to SSH. Sets the protocol to Telnet. Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address. Sets the remote port used to connect to the host. <number> = port to be used. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Sets the username for logging into the host via SSH. <text> = username. Stores the current configuration in permanent memory.</text></number></text></text>
name <text> no name no remote address no ssh username protocol ssh protocol telnet remote address <text> remote port <number> show show history</number></text></text>	Sets the name of the host. <text> = name of the host. Clears the name of the host. Clears the remote address of the host. Clears the SSH username associated with the host. Sets the protocol to SSH. Sets the protocol to Telnet. Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address. Sets the remote port used to connect to the host. <number> = port to be used. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Sets the username for logging into the host via SSH. <text> = username.</text></number></text></text>
no remote address no ssh username protocol ssh protocol telnet remote address < text> remote port < number> show show history	Clears the remote address of the host. Clears the SSH username associated with the host. Sets the protocol to SSH. Sets the protocol to Telnet. Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address. Sets the remote port used to connect to the host. <number> = port to be used. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Sets the username for logging into the host via SSH. <text> = username.</text></number></text>
no ssh username protocol ssh protocol telnet remote address <text> remote port <number> show show history</number></text>	Clears the SSH username associated with the host. Sets the protocol to SSH. Sets the protocol to Telnet. Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address. Sets the remote port used to connect to the host. <number> = port to be used. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Sets the username for logging into the host via SSH. <text> = username.</text></number></text>
protocol ssh protocol telnet remote address <text> remote port <number> show show history</number></text>	Sets the protocol to SSH. Sets the protocol to Telnet. Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address. Sets the remote port used to connect to the host. <number> = port to be used. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Sets the username for logging into the host via SSH. <text> = username.</text></number></text>
protocol telnet remote address <text> remote port <number> show show history</number></text>	Sets the protocol to Telnet. Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address. Sets the remote port used to connect to the host. <number> = port to be used. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Sets the username for logging into the host via SSH. <text> = username.</text></number></text>
protocol telnet remote address <text> remote port <number> show show history</number></text>	Sets the protocol to Telnet. Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address. Sets the remote port used to connect to the host. <number> = port to be used. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Sets the username for logging into the host via SSH. <text> = username.</text></number></text>
remote port < <i>number</i> > show show history	this host is selected on the login connect menu. <text> = IP address. Sets the remote port used to connect to the host. <number> = port to be used. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Sets the username for logging into the host via SSH. <text> = username.</text></number></text>
show listory	ber> = port to be used. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Sets the username for logging into the host via SSH. <text> = username.</text>
show history	Displays the last 20 commands entered during the current CLI session. Sets the username for logging into the host via SSH. <text> = username.</text>
	CLI session. Sets the username for logging into the host via SSH. <text> = username.</text>
ssh username <text></text>	<text> = username.</text>
•	Stores the current configuration in permanent memory.
write	
host 5 (tunnel-connect-host:2:5) level commands	
	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
auto show statistics	show connection statistics
clrscrn	Clears the screen.
	Selects the RSA/DSA certificates by name for the SSL client.
default protocol	Restores the default protocol as "TCP".
·	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.

no aes decrypt key no aes encrypt key no credentials no port no ssh username no tcp keep alive port < number> R R R R R R R R R R R R R R R R R R	Removes the connect tunnel AES decrypt key. Removes the connect tunnel AES encrypt key. Clears the RSA/DSA certificate selection. Removes the remote port used to establish tunnel connections. Removes the SSH user name. Disables the connect mode TCP keep alive timeout. Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
no aes encrypt key no credentials cono port no ssh username no tcp keep alive port < number>	Removes the connect tunnel AES encrypt key. Clears the RSA/DSA certificate selection. Removes the remote port used to establish tunnel connections. Removes the SSH user name. Disables the connect mode TCP keep alive timeout. Sets the remote port to use for connect mode tunneling.
no credentials no port no ssh username no tcp keep alive port <number></number>	Clears the RSA/DSA certificate selection. Removes the remote port used to establish tunnel connections. Removes the SSH user name. Disables the connect mode TCP keep alive timeout. Sets the remote port to use for connect mode tunneling.
no port no ssh username no tcp keep alive port <number> R n S</number>	Removes the remote port used to establish tunnel connections. Removes the SSH user name. Disables the connect mode TCP keep alive timeout. Sets the remote port to use for connect mode tunneling.
no ssh username no tcp keep alive port <number></number>	Removes the SSH user name. Disables the connect mode TCP keep alive timeout. Sets the remote port to use for connect mode tunneling.
no tcp keep alive port <number> S</number>	Disables the connect mode TCP keep alive timeout. Sets the remote port to use for connect mode tunneling.
port <number></number>	Sets the remote port to use for connect mode tunneling.
<	
	•
protocol ssh L	Uses SSH protocol for connect mode tunneling.
protocol ssl L	Uses SSL protocol for connect mode tunneling.
protocol tcp L	Uses TCP protocol for connect mode tunneling.
	Uses TCP protocol with AES encryption for connect mode tunneling.
II.	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp L	Uses UDP protocol for connect mode tunneling.
	Uses UDP protocol with AES encryption for connect mode tunneling.
show	Shows the current configuration.
	Displays the last 20 commands entered during the current CLI session.
show statistics s	show connection statistics
n	Sets the SSH user name for use when establishing tunneling connections with other devices. <text> = SSH user name.</text>
s	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
	Skips verification of the server certificate when connecting.
	Requires verification of the server certificate when connecting.
write S	Stores the current configuration in permanent memory.
host 5 (tunnel-connect-host:1:5) level commands	
	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
b it p 1	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
b	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
aes encrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES encrypt key with up to 16

validate certificate disable	Skips verification of the server certificate when connect-
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
ssh username <text></text>	Sets the SSH user name for use when establishing tunneling connections with other devices. <text> = SSH user name.</text>
show statistics	show connection statistics
show history	Displays the last 20 commands entered during the current CLI session.
show	Shows the current configuration.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol tcp aes	Uses TCP protocol with AES encryption for connect mode tunneling.
protocol tcp	Uses TCP protocol for connect mode tunneling.
protocol ssl	Uses SSL protocol for connect mode tunneling.
protocol ssh	Uses SSH protocol for connect mode tunneling.
port < <i>number</i> >	Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
no ssh username	Removes the SSH user name.
no port	Removes the remote port used to establish tunnel connections.
no credentials	Clears the RSA/DSA certificate selection.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no aes decrypt key	Removes the connect tunnel AES decrypt key.
no address	Removes the remote host address used to establish tunneling connections.
exit	Exits to the next higher level.
default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
default protocol	Restores the default protocol as "TCP".
credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL client.
clrscrn	Clears the screen.
auto show statistics	show connection statistics
aes encrypt key text < <i>text</i> >	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
and anomat key tout start	bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.

	ing.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 5 (config-host:5) level commands	
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).
default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
exit	Exits to the configuration level.
host <number></number>	Change to config host level
name <text></text>	Sets the name of the host. <text> = name of the host.</text>
no name	Clears the name of the host.
no remote address	Clears the remote address of the host.
no ssh username	Clears the SSH username associated with the host.
protocol ssh	Sets the protocol to SSH.
protocol telnet	Sets the protocol to Telnet.
remote address <text></text>	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address.</text>
remote port <number></number>	Sets the remote port used to connect to the host. <number> = port to be used.</number>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh username < <i>text</i> >	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.
host 6 (tunnel-connect-host:2:6) level commar	nds
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
aes decrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes decrypt key text <text></text>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
aes encrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes encrypt key text < <i>text</i> >	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains

	spaces.
auto show statistics	show connection statistics
clrscrn	Clears the screen.
credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL client.
default protocol	Restores the default protocol as "TCP".
default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.
no address	Removes the remote host address used to establish tunneling connections.
no aes decrypt key	Removes the connect tunnel AES decrypt key.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no credentials	Clears the RSA/DSA certificate selection.
no port	Removes the remote port used to establish tunnel connections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
port <number></number>	Sets the remote port to use for connect mode tunneling. <pre><number> = number of the port to use.</number></pre>
protocol ssh	Uses SSH protocol for connect mode tunneling.
protocol ssl	Uses SSL protocol for connect mode tunneling.
protocol tcp	Uses TCP protocol for connect mode tunneling.
protocol tcp aes	Uses TCP protocol with AES encryption for connect mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
ssh username <text></text>	Sets the SSH user name for use when establishing tunneling connections with other devices. <text> = SSH user name.</text>
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 6 (tunnel-connect-host:1:6) level commands	
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>

aes decrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes decrypt key text <text></text>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
aes encrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes encrypt key text <text></text>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
auto show statistics	show connection statistics
clrscrn	Clears the screen.
credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL client.
default protocol	Restores the default protocol as "TCP".
default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.
no address	Removes the remote host address used to establish tun- neling connections.
no aes decrypt key	Removes the connect tunnel AES decrypt key.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no credentials	Clears the RSA/DSA certificate selection.
no port	Removes the remote port used to establish tunnel connections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
port < <i>number</i> >	Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
protocol ssh	Uses SSH protocol for connect mode tunneling.
protocol ssl	Uses SSL protocol for connect mode tunneling.
protocol tcp	Uses TCP protocol for connect mode tunneling.
protocol tcp aes	Uses TCP protocol with AES encryption for connect mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.
show	Shows the current configuration.

show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
ssh username <text></text>	Sets the SSH user name for use when establishing tun- neling connections with other devices. <text> = SSH user name.</text>
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 6 (config-host:6) level commands	
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).
default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
exit	Exits to the configuration level.
host <number></number>	Change to config host level
name <text></text>	Sets the name of the host. <text> = name of the host.</text>
no name	Clears the name of the host.
no remote address	Clears the remote address of the host.
no ssh username	Clears the SSH username associated with the host.
protocol ssh	Sets the protocol to SSH.
protocol telnet	Sets the protocol to Telnet.
remote address <text></text>	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address.</text>
remote port <number></number>	Sets the remote port used to connect to the host. <number> = port to be used.</number>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh username <text></text>	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.
host 7 (tunnel-connect-host:2:7) level commands	
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
aes decrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes decrypt key text <text></text>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character.

	Note that quotes must enclose the value if it contains spaces.
aes encrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes encrypt key text < <i>text</i> >	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
auto show statistics	show connection statistics
clrscrn	Clears the screen.
credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL client.
default protocol	Restores the default protocol as "TCP".
default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.
no address	Removes the remote host address used to establish tunneling connections.
no aes decrypt key	Removes the connect tunnel AES decrypt key.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no credentials	Clears the RSA/DSA certificate selection.
no port	Removes the remote port used to establish tunnel connections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
port < <i>number</i> >	Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
protocol ssh	Uses SSH protocol for connect mode tunneling.
protocol ssl	Uses SSL protocol for connect mode tunneling.
protocol tcp	Uses TCP protocol for connect mode tunneling.
protocol tcp aes	Uses TCP protocol with AES encryption for connect mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
ssh username <text></text>	Sets the SSH user name for use when establishing tun- neling connections with other devices. <text> = SSH user name.</text>
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for connect mode tunneling and

	sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 7 (tunnel-connect-host:1:7) level commands	
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
aes decrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes decrypt key text < text>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
aes encrypt key <hexadecimal></hexadecimal>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes encrypt key text < text>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
auto show statistics	show connection statistics
cirscrn	Clears the screen.
credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL client.
default protocol	Restores the default protocol as "TCP".
default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.
no address	Removes the remote host address used to establish tunneling connections.
no aes decrypt key	Removes the connect tunnel AES decrypt key.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no credentials	Clears the RSA/DSA certificate selection.
no port	Removes the remote port used to establish tunnel connections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
port < <i>number</i> >	Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
protocol ssh	Uses SSH protocol for connect mode tunneling.
protocol ssl	Uses SSL protocol for connect mode tunneling.

protocol tcp protocol tcp aes	Uses TCP protocol for connect mode tunneling.
protocol tcp aes	
	Uses TCP protocol with AES encryption for connect mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
ssh username <text></text>	Sets the SSH user name for use when establishing tunneling connections with other devices. <text> = SSH user name.</text>
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 7 (config-host:7) level commands	
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).
default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
exit	Exits to the configuration level.
host < <i>number</i> >	Change to config host level
name <text></text>	Sets the name of the host. <text> = name of the host.</text>
no name	Clears the name of the host.
no remote address	Clears the remote address of the host.
no ssh username	Clears the SSH username associated with the host.
protocol ssh	Sets the protocol to SSH.
protocol telnet	Sets the protocol to Telnet.
remote address <text></text>	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address.</text>
remote port <number></number>	Sets the remote port used to connect to the host. <number> = port to be used.</number>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh username <text></text>	Sets the username for logging into the host via SSH.
	<text> = username.</text>

Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
show connection statistics
Clears the screen.
Selects the RSA/DSA certificates by name for the SSL client.
Restores the default protocol as "TCP".
Restores the default 45 second connect mode TCP keep alive timeout.
Exits to the next higher level.
Removes the remote host address used to establish tunneling connections.
Removes the connect tunnel AES decrypt key.
Removes the connect tunnel AES encrypt key.
Clears the RSA/DSA certificate selection.
Removes the remote port used to establish tunnel connections.
Removes the SSH user name.
Disables the connect mode TCP keep alive timeout.
Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
Uses SSH protocol for connect mode tunneling.
Uses SSL protocol for connect mode tunneling.
Uses TCP protocol for connect mode tunneling.
·
Uses TCP protocol with AES encryption for connect mode tunneling.
tunneling. Uses Telnet protocol (with IAC) for connect mode tunnel-

show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
ssh username <text></text>	Sets the SSH user name for use when establishing tunneling connections with other devices. <text> = SSH user name.</text>
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 8 (tunnel-connect-host:1:8) level commands	
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
aes decrypt key <i><hexadecimal></hexadecimal></i>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes decrypt key text < text>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
aes encrypt key <i><hexadecimal></hexadecimal></i>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes encrypt key text < <i>text</i> >	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
auto show statistics	show connection statistics
clrscrn	Clears the screen.
credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL client.
default protocol	Restores the default protocol as "TCP".
default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.
no address	Removes the remote host address used to establish tunneling connections.
no aes decrypt key	Removes the connect tunnel AES decrypt key.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no credentials	Clears the RSA/DSA certificate selection.

no port	Removes the remote port used to establish tunnel con-
	nections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
port < <i>number></i>	Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
protocol ssh	Uses SSH protocol for connect mode tunneling.
protocol ssl	Uses SSL protocol for connect mode tunneling.
protocol tcp	Uses TCP protocol for connect mode tunneling.
protocol tcp aes	Uses TCP protocol with AES encryption for connect mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
ssh username <text></text>	Sets the SSH user name for use when establishing tun- neling connections with other devices. <text> = SSH user name.</text>
tcp keep alive < <i>milliseconds</i> >	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 8 (config-host:8) level commands	
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).
default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
exit	Exits to the configuration level.
host < <i>number></i>	Change to config host level
name <text></text>	Sets the name of the host. <text> = name of the host.</text>
no name	Clears the name of the host.
no remote address	Clears the remote address of the host.
no ssh username	Clears the SSH username associated with the host.
protocol ssh	Sets the protocol to SSH.
protocol telnet	Sets the protocol to Telnet.
remote address <text></text>	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address.</text>
remote port <number></number>	Sets the remote port used to connect to the host. <num-< td=""></num-<>

	ber> = port to be used.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh username <text></text>	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.
host 9 (tunnel-connect-host:2:9) level commands	
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
aes decrypt key <i><hexadecimal></hexadecimal></i>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes decrypt key text <text></text>	Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
aes encrypt key <i><hexadecimal></hexadecimal></i>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
aes encrypt key text <text></text>	Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
auto show statistics	show connection statistics
clrscrn	Clears the screen.
credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL client.
default protocol	Restores the default protocol as "TCP".
default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.
no address	Removes the remote host address used to establish tunneling connections.
no aes decrypt key	Removes the connect tunnel AES decrypt key.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no credentials	Clears the RSA/DSA certificate selection.
no port	Removes the remote port used to establish tunnel connections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
port < <i>number</i> >	Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
protocol ssh	Uses SSH protocol for connect mode tunneling.

protocol ssl	Uses SSL protocol for connect mode tunneling.
protocol tcp	Uses TCP protocol for connect mode tunneling.
protocol tcp	Uses TCP protocol with AES encryption for connect mode
p. 6.655. 10p 466	tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
ssh username <text></text>	Sets the SSH user name for use when establishing tun- neling connections with other devices. <text> = SSH user name.</text>
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
	etoreo the carrent configuration in permanent memory:
host 9 (tunnel-connect-host:1:9) level commands	ctores the editoric configuration in permanent memory.
	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
host 9 (tunnel-connect-host:1:9) level commands	Sets the remote host to establish tunneling connections
host 9 (tunnel-connect-host:1:9) level commands address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host. Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it con-</text>
host 9 (tunnel-connect-host:1:9) level commands address <text> aes decrypt key <hexadecimal></hexadecimal></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host. Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains</text>
host 9 (tunnel-connect-host:1:9) level commands address <text> aes decrypt key <hexadecimal> aes decrypt key text <text></text></hexadecimal></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host. Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it con-</text>
address <text> aes decrypt key <hexadecimal> aes decrypt key text <text> aes encrypt key <hexadecimal></hexadecimal></text></hexadecimal></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host. Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains</text>
address <text> aes decrypt key <hexadecimal> aes decrypt key text <text> aes encrypt key <hexadecimal> aes encrypt key text <text></text></hexadecimal></text></hexadecimal></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host. Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.</text>
address <text> aes decrypt key <hexadecimal> aes decrypt key text <text> aes encrypt key <hexadecimal> aes encrypt key text <text> aes encrypt key text <text></text></text></hexadecimal></text></hexadecimal></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host. Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES decrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. Sets the connect tunnel AES encrypt key with up to 16 bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.</text>

default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.
no address	Removes the remote host address used to establish tun- neling connections.
no aes decrypt key	Removes the connect tunnel AES decrypt key.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no credentials	Clears the RSA/DSA certificate selection.
no port	Removes the remote port used to establish tunnel connections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
port < <i>number</i> >	Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
protocol ssh	Uses SSH protocol for connect mode tunneling.
protocol ssl	Uses SSL protocol for connect mode tunneling.
protocol tcp	Uses TCP protocol for connect mode tunneling.
protocol tcp aes	Uses TCP protocol with AES encryption for connect mode tunneling.
protocol telnet	Uses Telnet protocol (with IAC) for connect mode tunneling.
protocol udp	Uses UDP protocol for connect mode tunneling.
protocol udp aes	Uses UDP protocol with AES encryption for connect mode tunneling.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
ssh username <text></text>	Sets the SSH user name for use when establishing tunneling connections with other devices. <text> = SSH user name.</text>
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = timer value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 9 (config-host:9) level commands	
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).
default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
exit	Exits to the configuration level.
host < <i>number></i>	Change to config host level
name <text></text>	Sets the name of the host. <text> = name of the host.</text>
no name	Clears the name of the host.

no remote address	Clears the remote address of the host.
no ssh username	Clears the SSH username associated with the host.
protocol ssh	Sets the protocol to SSH.
protocol telnet	Sets the protocol to Telnet.
remote address <text></text>	Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address.</text>
remote port <number></number>	Sets the remote port used to connect to the host. <number> = port to be used.</number>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
ssh username <text></text>	Sets the username for logging into the host via SSH. <text> = username.</text>
write	Stores the current configuration in permanent memory.
http (config-http) level commands	
auth <i><uri></uri></i>	Creates a new HTTP server authentication directive. <uri> = URI of the server.</uri>
auth type < <i>uri></i> digest	Sets an HTTP server authentication directive to the Digest Access Authentication scheme. <uri> = URI of the server.</uri>
auth type <uri> none</uri>	Sets the authentication type for an HTTP server authentication directive to none. <uri> = URI of the server.</uri>
auth type < <i>uri></i> ssl	Sets the authentication type for an HTTP server authentication directive to SSL. <uri> = URI of the server.</uri>
auth type <uri> ssl-basic</uri>	Sets the authentication type for an HTTP server authentication directive to SSL-Basic. <uri> = URI of the server.</uri>
auth type < <i>uri</i> > ssl-digest	Sets the authentication type for an HTTP server authentication directive to SSL-Digest. <uri> = URI of the server.</uri>
authentication timeout < minutes>	For any Digest AuthType, sets the timeout for authentication. <minutes> = authentication timeout value.</minutes>
clear counters	Sets the HTTP counters to zero.
clear log	Clears the HTTP server log.
clrscrn	Clears the screen.
default authentication timeout	Resets the authentication timeout to its default value.
default log format	Restores the HTTP Server log format string to its default value.
default max bytes	Resets the maximum bytes to its default value.
default max log entries	Restores the default maximum number of HTTP Server log entries.
default max timeout	Resets the timeout to its default value.
default port	Resets the HTTP Server port to its default value.
default secure port	Resets the HTTP Server SSL port to its default value.
default secure protocols	Restores the default secure protocol selections.
delete auth <uri></uri>	Deletes an existing HTTP Server authentication directive. <uri> = URI of the server.</uri>
exit	Returns to the config level.
log format <text></text>	Sets the log format string for the HTTP server, using the following directives: %a remote ip address (could be a

	proxy) %b bytes sent excluding headers %B bytes sent excluding headers (0 = '-') %h remote host (same as %a) %{h}i header contents from request (h = header string) %m request method %p ephemeral local port value used for request %q query string (prepend with '?' or empty '-') %t timestamp HH:MM:SS (same as Apache '%(%H:%M:%S)t') %u remote user (could be bogus for 401 status) %U URL path info %r first line of request (same as '%m %U%q <version>') %s return status</version>
logging state disable	Disables HTTP server logging.
logging state enable	Enables HTTP server logging.
max bytes < <i>number</i> >	Sets the maximum number of bytes the HTTP server accepts when receiving a request.
max log entries < <i>number</i> >	Sets the maximum number of HTTP server log entries. <number> = maximum number of HTTP server log entries.</number>
max timeout <seconds></seconds>	Sets the maximum time the HTTP server waits when receiving a request. <seconds> = maximum timeout value.</seconds>
no clear counters	Restores the HTTP counters to the aggregate values.
no port	Disables the HTTP Server port.
no secure credentials	Clears the RSA/DSA certificate selection.
no secure port	Disables the HTTP Server SSL port.
port < <i>number></i>	Sets the port number the HTTP server will use. <number> = port number.</number>
secure credentials <text></text>	Selects the RSA/DSA certificates by name for the HTTP server.
secure port <number></number>	Sets the port number the HTTP server will use over SSL. <number> = port number.</number>
secure protocols ssl3 disable	Disables the protocol.
secure protocols ssl3 enable	Enables the protocol.
secure protocols tls1.0 disable	Disables the protocol.
secure protocols tls1.0 enable	Enables the protocol.
secure protocols tls1.1 disable	Disables the protocol.
secure protocols tls1.1 enable	Enables the protocol.
show	Displays the current configuration.
show auth	Displays the HTTP server authentication settings.
show history	Displays the last 20 commands entered during the current CLI session.
show log	Displays the HTTP server log.
show statistics	Displays the HTTP statistics.
state disable	Disables the HTTP server.
state enable	Enables the HTTP server.
write	Stores the current configuration in permanent memory.
http post (config-action-http_post:wwan0 link state cl	nange) level commands
clrscrn	Clears the screen.
connection <instance></instance>	Enters the next lower level. Specify the instance for the next lower level.
default mode	Sets default of simultaneous connection mode.

exit	Exits to the next higher level.
mode sequential	Sets sequential mode; will stop after first connection that
	goes through.
mode simultaneous	Sets simultaneous mode; will make all possible connections.
no reminder interval	Clears the HTTP Post reminder interval. HTTP Post is sent once only.
reminder interval <minutes></minutes>	Sets the HTTP Post reminder interval.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
http post (config-action-http_post:eth0 link state change	ge) level commands
clrscrn	Clears the screen.
connection <instance></instance>	Enters the next lower level. Specify the instance for the next lower level.
default mode	Sets default of simultaneous connection mode.
exit	Exits to the next higher level.
mode sequential	Sets sequential mode; will stop after first connection that goes through.
mode simultaneous	Sets simultaneous mode; will make all possible connections.
no reminder interval	Clears the HTTP Post reminder interval. HTTP Post is sent once only.
reminder interval <minutes></minutes>	Sets the HTTP Post reminder interval.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
http post (config-action-http_post:digital input 2 state	change) level commands
clrscrn	Clears the screen.
connection <instance></instance>	Enters the next lower level. Specify the instance for the next lower level.
default mode	Sets default of simultaneous connection mode.
exit	Exits to the next higher level.
mode sequential	Sets sequential mode; will stop after first connection that goes through.
mode simultaneous	Sets simultaneous mode; will make all possible connections.
no reminder interval	Clears the HTTP Post reminder interval. HTTP Post is sent once only.
reminder interval < <i>minut</i> es>	Sets the HTTP Post reminder interval.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
http post (config-action-http_post:digital input 1 state	

connection <instance> Enters the next lower level. Specify the instance for the next lower level. default mode Sets default of simultaneous connection mode. Exits to the next higher level. mode sequential Sets sequential mode; will stop after first connection the goes through.</instance>
next lower level. default mode Sets default of simultaneous connection mode. exit Exits to the next higher level. mode sequential Sets sequential mode; will stop after first connection the
exit Exits to the next higher level. mode sequential Sets sequential mode; will stop after first connection the
mode sequential Sets sequential mode; will stop after first connection the
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mode simultaneous mode; will make all possible connections.
no reminder interval Clears the HTTP Post reminder interval. HTTP Post is sent once only.
reminder interval <minutes> Sets the HTTP Post reminder interval.</minutes>
show Shows the current configuration.
show history Displays the last 20 commands entered during the curr CLI session.
write Stores the current configuration in permanent memory.
icmp (config-icmp) level commands
clrscrn Clears the screen.
exit Exits to the configuration level.
show Displays the current configuration.
show history Displays the last 20 commands entered during the curr CLI session.
state disable Prevents ICMP packets from being sent or received.
state enable Allows ICMP packets to be sent and received.
write Stores the current configuration in permanent memory.
if 1 (config-if:eth0) level commands
bootp disable Disables BOOTP.
bootp enable Enables BOOTP.
clrscrn Clears the screen.
default gateway <ip address=""> Sets the configurable gateway IP address to the defaul value.</ip>
default mtu Restores the default Maximum Transmission Unit (MTU size.
default priority Restores the default priority for the interface.
dhcp client id <text> Sets the DHCP client ID.</text>
dhcp disable Disables DHCP.
dhcp enable Enables DHCP.
domain <text> Sets the domain name. <text> = name of the domain.</text></text>
exit Exits to the config level.
failover Enter failover configuration level
hostname <text> Sets the host name. <text> = name of the host.</text></text>
if <instance> Changes to the interface configuration level.</instance>
ip address <ip address="" cidr=""> Sets the IP address and network mask. Formats accep ed: 192.168.1.1 (default mask) 192.168.1.1/24 (CIDR) "192.168.1.1 255.255.255.0" (explicit mask)</ip>
link Enter link configuration level

mtu <bytes></bytes>	Sets the Maximum Transmission Unit (MTU) size.
no default gateway	Clears the default gateway.
no dhop client id	Clears the DHCP client ID.
no domain	Clears the domain name.
no hostname	Clears the domain name.
no ip address	Clears the IP address.
no primary dns	Clears the name of the primary DNS server.
no secondary dns	Clears the name of the secondary DNS server.
primary dns <ip address=""></ip>	Sets the IP address of the primary DNS server.
priority <number></number>	Sets the priority for interface. <number> = priority number.</number>
qos	Enter QoS configuration level
secondary dns	Sets the IP address of the secondary DNS server.
-	
show history	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show status	Show interface status
state disable	Disables the interface.
state enable	Enables the interface.
write	Stores the current configuration in permanent memory.
if 2 (config-wwan:wwan0) level commands	
clrscrn	Clears the screen.
connection mode always on	Sets the connection mode to Always On.
connection mode always on connection mode on demand	Sets the connection mode to Always On. Sets the connection mode to On Demand.
connection mode on demand	Sets the connection mode to On Demand.
connection mode on demand connection mode shoulder tap	Sets the connection mode to On Demand. Sets the connection mode to Shoulder Tap. Restores the default value of connection mode (Always
connection mode on demand connection mode shoulder tap default connection mode	Sets the connection mode to On Demand. Sets the connection mode to Shoulder Tap. Restores the default value of connection mode (Always On).
connection mode on demand connection mode shoulder tap default connection mode default idle timeout	Sets the connection mode to On Demand. Sets the connection mode to Shoulder Tap. Restores the default value of connection mode (Always On). Restores the default value of idle timeout (5 minutes).
connection mode on demand connection mode shoulder tap default connection mode default idle timeout default priority	Sets the connection mode to On Demand. Sets the connection mode to Shoulder Tap. Restores the default value of connection mode (Always On). Restores the default value of idle timeout (5 minutes). Restores the default priority for the interface.
connection mode on demand connection mode shoulder tap default connection mode default idle timeout default priority exit	Sets the connection mode to On Demand. Sets the connection mode to Shoulder Tap. Restores the default value of connection mode (Always On). Restores the default value of idle timeout (5 minutes). Restores the default priority for the interface. Exits to the config level. Sets the timeout to disconnect an idle link. <time in<="" td=""></time>
connection mode on demand connection mode shoulder tap default connection mode default idle timeout default priority exit idle timeout <minutes></minutes>	Sets the connection mode to On Demand. Sets the connection mode to Shoulder Tap. Restores the default value of connection mode (Always On). Restores the default value of idle timeout (5 minutes). Restores the default priority for the interface. Exits to the config level. Sets the timeout to disconnect an idle link. <time in="" minutes=""> = timeout.</time>
connection mode on demand connection mode shoulder tap default connection mode default idle timeout default priority exit idle timeout <minutes> if <instance></instance></minutes>	Sets the connection mode to On Demand. Sets the connection mode to Shoulder Tap. Restores the default value of connection mode (Always On). Restores the default value of idle timeout (5 minutes). Restores the default priority for the interface. Exits to the config level. Sets the timeout to disconnect an idle link. <time in="" minutes=""> = timeout. Changes to the interface configuration level.</time>
connection mode on demand connection mode shoulder tap default connection mode default idle timeout default priority exit idle timeout <minutes> if <instance> link</instance></minutes>	Sets the connection mode to On Demand. Sets the connection mode to Shoulder Tap. Restores the default value of connection mode (Always On). Restores the default value of idle timeout (5 minutes). Restores the default priority for the interface. Exits to the config level. Sets the timeout to disconnect an idle link. <time in="" minutes=""> = timeout. Changes to the interface configuration level. Enter link configuration level</time>
connection mode on demand connection mode shoulder tap default connection mode default idle timeout default priority exit idle timeout <minutes> if <instance> link no primary dns</instance></minutes>	Sets the connection mode to On Demand. Sets the connection mode to Shoulder Tap. Restores the default value of connection mode (Always On). Restores the default value of idle timeout (5 minutes). Restores the default priority for the interface. Exits to the config level. Sets the timeout to disconnect an idle link. <time in="" minutes=""> = timeout. Changes to the interface configuration level. Enter link configuration level Clears the name of the primary DNS server.</time>
connection mode on demand connection mode shoulder tap default connection mode default idle timeout default priority exit idle timeout <minutes> if <instance> link no primary dns no secondary dns</instance></minutes>	Sets the connection mode to On Demand. Sets the connection mode to Shoulder Tap. Restores the default value of connection mode (Always On). Restores the default value of idle timeout (5 minutes). Restores the default priority for the interface. Exits to the config level. Sets the timeout to disconnect an idle link. <time in="" minutes=""> = timeout. Changes to the interface configuration level. Enter link configuration level Clears the name of the primary DNS server. Clears the name of the secondary DNS server.</time>
connection mode on demand connection mode shoulder tap default connection mode default idle timeout default priority exit idle timeout <minutes> if <instance> link no primary dns no secondary dns primary dns <ip address=""></ip></instance></minutes>	Sets the connection mode to On Demand. Sets the connection mode to Shoulder Tap. Restores the default value of connection mode (Always On). Restores the default value of idle timeout (5 minutes). Restores the default priority for the interface. Exits to the config level. Sets the timeout to disconnect an idle link. <time in="" minutes=""> = timeout. Changes to the interface configuration level. Enter link configuration level Clears the name of the primary DNS server. Sets the IP address of the primary DNS server.</time>
connection mode on demand connection mode shoulder tap default connection mode default idle timeout default priority exit idle timeout <minutes> if <instance> link no primary dns no secondary dns primary dns <ip address=""> priority <number></number></ip></instance></minutes>	Sets the connection mode to On Demand. Sets the connection mode to Shoulder Tap. Restores the default value of connection mode (Always On). Restores the default value of idle timeout (5 minutes). Restores the default priority for the interface. Exits to the config level. Sets the timeout to disconnect an idle link. <time in="" minutes=""> = timeout. Changes to the interface configuration level. Enter link configuration level Clears the name of the primary DNS server. Clears the name of the secondary DNS server. Sets the IP address of the primary DNS server. Sets the priority for interface. <number> = priority number.</number></time>
connection mode on demand connection mode shoulder tap default connection mode default idle timeout default priority exit idle timeout <minutes> if <instance> link no primary dns no secondary dns primary dns <ip address=""> priority <number> qos</number></ip></instance></minutes>	Sets the connection mode to On Demand. Sets the connection mode to Shoulder Tap. Restores the default value of connection mode (Always On). Restores the default value of idle timeout (5 minutes). Restores the default priority for the interface. Exits to the config level. Sets the timeout to disconnect an idle link. <time in="" minutes=""> = timeout. Changes to the interface configuration level. Enter link configuration level Clears the name of the primary DNS server. Clears the name of the secondary DNS server. Sets the IP address of the primary DNS server. Sets the priority for interface. <number> = priority number. Enter QoS configuration level</number></time>
connection mode on demand connection mode shoulder tap default connection mode default idle timeout default priority exit idle timeout <minutes> if <instance> link no primary dns no secondary dns primary dns <ip address=""> geondary dns <ip address=""> secondary dns <ip address=""></ip></ip></ip></instance></minutes>	Sets the connection mode to On Demand. Sets the connection mode to Shoulder Tap. Restores the default value of connection mode (Always On). Restores the default value of idle timeout (5 minutes). Restores the default priority for the interface. Exits to the config level. Sets the timeout to disconnect an idle link. <time in="" minutes=""> = timeout. Changes to the interface configuration level. Enter link configuration level Clears the name of the primary DNS server. Clears the name of the secondary DNS server. Sets the IP address of the primary DNS server. Sets the priority for interface. <number> = priority number. Enter QoS configuration level Sets the IP address of the secondary DNS server.</number></time>
connection mode on demand connection mode shoulder tap default connection mode default idle timeout default priority exit idle timeout <minutes> if <instance> link no primary dns no secondary dns primary dns <ip address=""> priority <number> qos secondary dns <ip address=""> show</ip></number></ip></instance></minutes>	Sets the connection mode to On Demand. Sets the connection mode to Shoulder Tap. Restores the default value of connection mode (Always On). Restores the default value of idle timeout (5 minutes). Restores the default priority for the interface. Exits to the config level. Sets the timeout to disconnect an idle link. <time in="" minutes=""> = timeout. Changes to the interface configuration level. Enter link configuration level Clears the name of the primary DNS server. Clears the name of the secondary DNS server. Sets the IP address of the primary DNS server. Sets the priority for interface. <number> = priority number. Enter QoS configuration level Sets the IP address of the secondary DNS server. Displays the current configuration. Displays the last 20 commands entered during the current</number></time>
connection mode on demand connection mode shoulder tap default connection mode default idle timeout default priority exit idle timeout <minutes> if <instance> link no primary dns no secondary dns primary dns <ip address=""> priority <number> qos secondary dns <ip address=""> show show history</ip></number></ip></instance></minutes>	Sets the connection mode to On Demand. Sets the connection mode to Shoulder Tap. Restores the default value of connection mode (Always On). Restores the default value of idle timeout (5 minutes). Restores the default priority for the interface. Exits to the config level. Sets the timeout to disconnect an idle link. <time in="" minutes=""> = timeout. Changes to the interface configuration level. Enter link configuration level Clears the name of the primary DNS server. Clears the name of the secondary DNS server. Sets the IP address of the primary DNS server. Sets the priority for interface. <number> = priority number. Enter QoS configuration level Sets the IP address of the secondary DNS server. Displays the current configuration. Displays the last 20 commands entered during the current CLI session.</number></time>

state enable	Enables the interface.
write	Stores the current configuration in permanent memory.
inbound (config-sms-inbound) level commands	
clrscrn	Clears the screen.
delete all sms inbound senders	Deletes all whitelist entries.
delete sms inbound sender <instance></instance>	Deletes an entry from the whitelist table. <instance> = index of the entry being removed.</instance>
exit	Exits to the config-sms level.
show	Show inbound SMS whitelist.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	Displays inbound SMS statistics.
sms inbound sender < <i>number</i> >	Change to sms inbound sender level
write	Stores the current configuration in permanent memory.
ip (config-ip) level commands	
clrscrn	Clears the screen.
default ip time to live	Restores the default IP time to live.
default multicast time to live	Restores the default IP multicast time to live, which is one hop.
exit	Exits to the configuration level.
ip time to live <hops></hops>	Sets the IP time to live, known by SNMP as "ipDefaultTTL". <hops> = number of hops that a typical IP packet is allowed to live.</hops>
multicast time to live <hops></hops>	Sets the IP multicast time to live. <hops> = number of hops that a multicast IP packet is allowed to live.</hops>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
line 1 (line:1) level commands	
auto show statistics	Continuously displays line statistics.
baud rate <bits per="" second=""></bits>	Sets the line speed. speed. Standard speeds include 1200, 2400, 4800, 9600, 19200, and so on.
clear line counters	Sets the serial counters to zero.
clrscrn	Clears the screen.
command mode always	Sets the current line to always be in command mode.
command mode echo serial string disable	Disables user-defined serial boot string to be echoed in the CLI.
command mode echo serial string enable	Enables user-defined serial boot string to be echoed in the CLI.
command mode serial string	Enables user to enter a custom string at boot time to enter command mode.
command mode serial string <string></string>	Sets a string that can be entered at boot time to enter command mode. <string> = text with possible binary characters. Within [] use binary decimal up to 255 or hex up to 0xFF. Within {} specify decimal milliseconds time delay.</string>

command mode signon message <string></string>	Sets a sign-on message that is sent from the serial port
	when the device boots and when the line is in command mode. <string> = text with possible binary characters. Within [] use binary decimal up to 255 or hex up to 0xFF.</string>
command mode wait time <milliseconds></milliseconds>	Sets boot-up wait time for command mode serial string. <milliseconds> = wait time.</milliseconds>
configure current settings	Configures line with the current value of settings.
data bits 7	Uses seven bits for data on the line.
data bits 8	Uses eight bits for data on the line.
default baud rate	Restores the default speed of 9600 bits per second.
default data bits	Restores the default of eight data bits.
default flow control	Restores the default of no flow control.
default interface	Restores the default interface type to this line.
default parity	Restores the default of no parity.
default protocol	Restores the default protocol on the line.
default stop bits	Restores the default of one stop bit.
default threshold	Restores the factory default threshold.
default xoff char	Restores the default xoff character on this line.
default xon char	Restores the default xon character on this line.
exit	Exits to the enable level
flow control hardware	Uses hardware (RTS/CTS) flow control on the line.
flow control none	Does not provide flow control on the line.
flow control software	Uses software (xon/xoff characters) flow control on the line.
gap timer <milliseconds></milliseconds>	Sets the gap timer in milliseconds. If some data has been received, it will be forwarded after this time since the last character.
interface rs232	Sets the line interface to RS232.
interface rs485 full-duplex	Sets the line interface to RS485 in full-duplex mode.
interface rs485 half-duplex	Sets the line interface to RS485 in half-duplex mode.
kill session	Kills command mode session on the Line
line <line></line>	Enters the line level. line> = number of the line (serial port) to be configured.
name <text></text>	Sets the name for this line.
no clear line counters	Restores the serial counters to the aggregate values.
no command mode	Disables command mode for the current line.
no command mode signon message	Clears the signon message displayed at boot time and when entering command mode.
no gap timer	Removes the gap timer, so forwarding depends on the line speed.
no name	Removes the name of this line.
parity even	Uses a parity bit on the line for even parity.
parity none	Does not use a parity bit on the line.
parity odd	Uses a parity bit on the line for odd parity.
protocol none	Uses no protocol on the line.
protocol tunnel	Applies tunnel protocol on the line.

reassert	Asserts line status with current configured values.
show	Displays the current status.
show command mode	Shows the command mode settings for the current line.
show history	Displays the last 20 commands entered during the current CLI session.
show line	Displays the current configuration.
show statistics	Shows the line statistics.
state disable	Disables the line so data cannot be sent/received.
state enable	Enables the line so data can be sent/received.
stop bits 1	Uses one stop bit after data on the line.
stop bits 2	Uses two stop bits after data on the line.
terminal < <i>line</i> >	Enters the configure-terminal level. line> = number of the terminal line (serial port) to be configured.
terminal network	Enters the configure-terminal level for the network.
termination disable	Refrains from terminating the line.
termination enable	Enables 120 ohm line termination in RS485 half-duplex mode.
threshold <td>Sets the threshold in bytes. After this many bytes are received, they are forwarded without delay.</td>	Sets the threshold in bytes. After this many bytes are received, they are forwarded without delay.
tunnel < line>	Enters the tunnel level. line> = number of the tunnel line (serial port) to be configured.
write	Stores the current configuration in permanent memory.
xoff char <control></control>	Sets the xoff character for use with software flow control on this line. The character may be input as text, control, decimal, or hex. A control character has the form <control>C. A decimal value character has the form \99. A hex value character has the form 0xFF.</control>
xon char <control></control>	Sets the xon character for use with software flow control on this line. The character may be input as text, control, decimal, or hex. A control character has the form <control>C. A decimal value character has the form \99. A hex value character has the form 0xFF.</control>
line 2 (line:2) level commands	
auto show statistics	Continuously displays line statistics.
baud rate <bits per="" second=""></bits>	Sets the line speed. <bits per="" second=""> = the speed. Standard speeds include 1200, 2400, 4800, 9600, 19200, and so on.</bits>
clear line counters	Sets the serial counters to zero.
clrscrn	Clears the screen.
command mode always	Sets the current line to always be in command mode.
command mode echo serial string disable	Disables user-defined serial boot string to be echoed in the CLI.
command mode echo serial string enable	Enables user-defined serial boot string to be echoed in the CLI.
command mode serial string	Enables user to enter a custom string at boot time to enter command mode.
command mode serial string <string></string>	Sets a string that can be entered at boot time to enter command mode. <string> = text with possible binary characters. Within [] use binary decimal up to 255 or hex</string>

when the device boots and when the line is in command mode. «string» = text with possible binary characters. Within [] use binary decimal up to 255 or hex up to 0xFF. Command mode wait time <milliseconds> Sets boot-up wait time for command mode serial string. «milliseconds» = wait time. Configure current settings Configures line with the current value of settings. data bits 7 Uses seven bits for data on the line. Uses eight bits for data on the line. default baud rate Restores the default speed of 9600 bits per second. Restores the default speed of 9600 bits per second. Restores the default of eight data bits. default flow control Restores the default of flow control. Restores the default of no flow control. default interface Restores the default of no parity. Restores the default of no estop bit. default stop bits Restores the default of eight data bits. Restores the default of no parity. Restores the default with one stop bit. Restores the default for no stop bit. default stop bits Restores the default wor control on the line. Restores the default wor character on this line. With the enable level Uses hardware (RTS/CTS) flow control on the line. Bow control hardware Uses not provide flow control on the line. Uses software (xon/xoff characters) flow control on the line. Uses oftware (xon/xoff characters) flow control on the line. Sets the line interface to RS232. Interface rs485 full-duplex Sets the line interface to RS485 in half-duplex mode. Kills command mode session on the Line Enters the line level, clines = number of the line (serial port) to be configured. Removes the gap timer, so forwarding depends on the line speed. Removes the papt liner, so forwarding depends on the line speed.</milliseconds>		up to 0xFF. Within {} specify decimal milliseconds time delay.
cmiliseconds> = wait time.	command mode signon message <string></string>	when the device boots and when the line is in command mode. <string> = text with possible binary characters.</string>
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Flow control none Does not provide flow control on the line.	exit	Exits to the enable level
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line.	flow control none	Does not provide flow control on the line.
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Enters the line level. line > Enters the line level. line > = number of the line (serial port) to be configured. Sets the name for this line. Restores the serial counters to the aggregate values. Disables command mode for the current line. Clears the signon message displayed at boot time and when entering command mode. Removes the gap timer, so forwarding depends on the line speed. Removes the name of this line. Uses a parity bit on the line for even parity. Does not use a parity bit on the line.	interface rs485 half-duplex	Sets the line interface to RS485 in half-duplex mode.
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Restores the serial counters to the aggregate values. Disables command mode for the current line. Clears the signon message displayed at boot time and when entering command mode. Removes the gap timer, so forwarding depends on the line speed. Removes the name of this line. Descrity even Uses a parity bit on the line. Does not use a parity bit on the line.	line <line></line>	
Disables command mode or the current line. Clears the signon message displayed at boot time and when entering command mode. Removes the gap timer, so forwarding depends on the line speed. Removes the name of this line. Parity even Uses a parity bit on the line for even parity. Does not use a parity bit on the line.	name <text></text>	Sets the name for this line.
Clears the signon message displayed at boot time and when entering command mode. Removes the gap timer, so forwarding depends on the line speed. Removes the name of this line. Does not use a parity bit on the line.	no clear line counters	Restores the serial counters to the aggregate values.
when entering command mode. Removes the gap timer, so forwarding depends on the line speed. Removes the name of this line. Parity even Does not use a parity bit on the line.	no command mode	Disables command mode for the current line.
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parity even Uses a parity bit on the line for even parity. Does not use a parity bit on the line.	no gap timer	
parity none Does not use a parity bit on the line.	no name	Removes the name of this line.
	parity even	Uses a parity bit on the line for even parity.
parity odd Uses a parity bit on the line for odd parity.	parity none	Does not use a parity bit on the line.
	parity odd	Uses a parity bit on the line for odd parity.

protocol none	Uses no protocol on the line.
protocol tunnel	Applies tunnel protocol on the line.
reassert	Asserts line status with current configured values.
show	Displays the current status.
show command mode	Shows the command mode settings for the current line.
show history	Displays the last 20 commands entered during the current CLI session.
show line	Displays the current configuration.
show statistics	Shows the line statistics.
state disable	Disables the line so data cannot be sent/received.
state enable	Enables the line so data can be sent/received.
stop bits 1	Uses one stop bit after data on the line.
stop bits 2	Uses two stop bits after data on the line.
terminal < <i>line</i> >	Enters the configure-terminal level. line> = number of the terminal line (serial port) to be configured.
terminal network	Enters the configure-terminal level for the network.
termination disable	Refrains from terminating the line.
termination enable	Enables 120 ohm line termination in RS485 half-duplex mode.
threshold <td>Sets the threshold in bytes. After this many bytes are received, they are forwarded without delay.</td>	Sets the threshold in bytes. After this many bytes are received, they are forwarded without delay.
tunnel < line>	Enters the tunnel level. line> = number of the tunnel line (serial port) to be configured.
write	Stores the current configuration in permanent memory.
xoff char <i><control></control></i>	Sets the xoff character for use with software flow control on this line. The character may be input as text, control, decimal, or hex. A control character has the form <control>C. A decimal value character has the form \99. A hex value character has the form 0xFF.</control>
xon char < <i>control</i> >	Sets the xon character for use with software flow control on this line. The character may be input as text, control, decimal, or hex. A control character has the form <control>C. A decimal value character has the form \99. A hex value character has the form 0xFF.</control>
link (config-wwan-link:wwan0) level commands	
apn <text></text>	Sets the APN. <text> = APN.</text>
clrscrn	Clears the screen.
default dialup string	Restores the default dialup string.
dialup string <text></text>	Sets the dialup string. <text> = dialup string.</text>
exit	Exit back to interface configuration level
no apn	Clears the APN.
no password	Clears the password.
no username	Clears the username.
password <text></text>	Sets the password. <text> = password.</text>
roaming disable	Disables roaming.
roaming enable	Enables roaming.
show	Displays the current configuration.

show history	Displays the last 20 commands entered during the current
	CLI session.
show status	Show link status
username <text></text>	Sets the username. <text> = username.</text>
write	Stores the current configuration in permanent memory.
link (config-ethernet:eth0) level commands	
clrscrn	Clears the screen.
default duplex	Restores the default duplex setting, which is auto.
default speed	Restores the default speed setting, which is autonegotiate.
duplex auto	Sets duplex mode to auto.
duplex full	Sets duplex mode to full.
duplex half	Sets duplex mode to half.
exit	Exit back to interface configuration level
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
speed 10	Sets the speed of the Ethernet link to 10 Mbps.
speed 100	Sets the speed of the Ethernet link to 100 Mbps.
speed auto	Sets the speed of the Ethernet link to auto-negotiate.
write	Stores the current configuration in permanent memory.
log (config-diagnostics-log) level commands	
clrscrn	Clears the screen.
default max length	Restores the factory default maximum Log file size.
default output	Restores the default log output, which is disable.
exit	Exits to the next higher level.
max length <kbytes></kbytes>	Sets the maximum size in Kbytes for the Log file.
output disable	Disables log output.
output filesystem	Enables log to filesystem.
output line <number></number>	Enables log to serial line.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
mac address filter 1 (config-mac_filter:1) level comma	
action accept	Sets the action to ACCEPT.
action drop	Sets the action to DROP.
clrscrn	Clears the screen.
default action	Restores the default value of action (ACCEPT).
exit	Exits to the config-gateway level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.

Change to config mac filter level.
Removes the filter MAC Address.
Displays the current configuration.
Displays the last 20 commands entered during the current CLI session.
Stores the current configuration in permanent memory.
nds
Sets the action to ACCEPT.
Sets the action to DROP.
Clears the screen.
Restores the default value of action (ACCEPT).
Exits to the config-gateway level.
Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
Change to config mac filter level.
Removes the filter MAC Address.
Displays the current configuration.
Displays the last 20 commands entered during the current CLI session.
Stores the current configuration in permanent memory.
Stores the current configuration in permanent memory.
<u> </u>
nds
Sets the action to ACCEPT.
Sets the action to ACCEPT. Sets the action to DROP.
Sets the action to ACCEPT. Sets the action to DROP. Clears the screen.
Sets the action to ACCEPT. Sets the action to DROP. Clears the screen. Restores the default value of action (ACCEPT).
Sets the action to ACCEPT. Sets the action to DROP. Clears the screen. Restores the default value of action (ACCEPT). Exits to the config-gateway level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must en-
Sets the action to ACCEPT. Sets the action to DROP. Clears the screen. Restores the default value of action (ACCEPT). Exits to the config-gateway level. Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
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Change to config mac filter level.
Removes the filter MAC Address.
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Sets the action to DROP.
Clears the screen.
Restores the default value of action (ACCEPT).
Exits to the config-gateway level.
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Sets the action to DROP.
Clears the screen.
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Change to config mac filter level.
Removes the filter MAC Address.
Displays the current configuration.
Displays the last 20 commands entered during the current CLI session.
Stores the current configuration in permanent memory.
Stores the current configuration in permanent memory.

clrscrn	Clears the screen.
default action	Restores the default value of action (ACCEPT).
exit	Exits to the config-gateway level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
mac address filter < number>	Change to config mac filter level.
no mac address	Removes the filter MAC Address.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
mac address filter 8 (config-mac_filter:8) level comma	ands
action accept	Sets the action to ACCEPT.
action drop	Sets the action to DROP.
clrscrn	Clears the screen.
default action	Restores the default value of action (ACCEPT).
exit	Exits to the config-gateway level.
mac address <hexadecimal></hexadecimal>	Sets the filter MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
mac address filter < number>	Change to config mac filter level.
no mac address	Removes the filter MAC Address.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
modem (tunnel-modem:2) level commands	
clrscrn	Clears the screen.
connect string <text></text>	Sets the CONNECT string used in modem emulation. <string> = connect string.</string>
default incoming connection	Default disables incoming network connections.
default response type	Default uses text type responses.
display remote ip disable	The incoming RING has nothing following it.
display remote ip enable	The incoming RING is followed by the IP address of the caller.
echo commands disable	Does not echo modem commands.
echo commands enable	Echoes modem commands.
echo pluses disable	Does not echo the +++ characters when entering modem command mode.
echo pluses enable	Echoes the +++ characters when entering modem command mode.
error unknown commands disable	Returns OK on unknown AT commands.

error unknown commands enable	Returns an error upon unknown AT commands.
exit	Returns to the tunnel level.
incoming connection automatic	Automatically answer incoming network connections.
incoming connection disabled	Disable incoming network connections.
incoming connection manual	Wait for an ATA command before answering an incoming network connection.
no connect string	Removes optional CONNECT string information for modem emulation.
reassert	Asserts tunnel modem status with current configured values.
response type numeric	Uses numeric type responses.
response type text	Uses text type responses.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show status	Displays tunnel modem status.
verbose response disable	Does not send Modem Response Codes.
verbose response enable	Sends Modem Response Codes out on the Serial Line.
write	Stores the current configuration in permanent memory.
modem (tunnel-modem:1) level commands	
clrscrn	Clears the screen.
connect string <text></text>	Sets the CONNECT string used in modem emulation. <string> = connect string.</string>
default incoming connection	Default disables incoming network connections.
default response type	Default uses text type responses.
display remote ip disable	The incoming RING has nothing following it.
display remote ip enable	The incoming RING is followed by the IP address of the caller.
echo commands disable	Does not echo modem commands.
echo commands enable	Echoes modem commands.
echo pluses disable	Does not echo the +++ characters when entering modem command mode.
echo pluses enable	Echoes the +++ characters when entering modem command mode.
error unknown commands disable	Returns OK on unknown AT commands.
error unknown commands enable	Returns an error upon unknown AT commands.
exit	Returns to the tunnel level.
incoming connection automatic	Automatically answer incoming network connections.
incoming connection disabled	Disable incoming network connections.
incoming connection manual	Wait for an ATA command before answering an incoming network connection.
no connect string	Removes optional CONNECT string information for modem emulation.
reassert	Asserts tunnel modem status with current configured values.
response type numeric	Uses numeric type responses.

response type text	Uses text type responses.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show status	Displays tunnel modem status.
verbose response disable	Does not send Modem Response Codes.
verbose response enable	Sends Modem Response Codes out on the Serial Line.
write	Stores the current configuration in permanent memory.
ntp (config-clock-ntp) level commands	
clrscrn	Clears the screen.
default server	Restores the default NTP server address.
exit	Exits to the next higher level.
server <text></text>	Sets the NTP server address.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
outbound (config-sms-outbound) level commar	nds
channel gprs only	Uses GPRS Only.
channel gsm only	Uses GSM Only.
clrscrn	Clears the screen.
default channel	Restores to default Channel: GSM Only.
exit	Exits to the config-sms level.
message center override number <text></text>	Sets the Message Center Override Number. <text> = Message Center Override Number to be set.</text>
no message center override number	Clears the Message Center Override Number.
outbound sms test	Enters the outbound sms test level.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	Displays outbound SMS statistics.
show status	Displays outbound SMS status.
write	Stores the current configuration in permanent memory.
outbound sms test (config-sms-outbound-outbo	pund_sms_test) level commands
clrscrn	Clears the screen.
exit	Returns to the sms-outbound level.
send < <i>number></i> ascii 7-bit < <i>message></i>	Send SMS in ASCII 7-bit encoding <number> = phone number. <message> = SMS text. SMS sent if the operation is successful.</message></number>
send <number> ascii 8-bit <message></message></number>	Send SMS in ASCII 8-bit encoding <number> = phone number. <message> = SMS text. SMS sent if the operation is successful.</message></number>
send <number> ucs-2 <message></message></number>	Send SMS in UCS-2 encoding <number> = phone number. <message> = SMS text. SMS sent if the operation is successful.</message></number>
show history	Displays the last 20 commands entered during the current

	CLI session.
write	Stores the current configuration in permanent memory.
packing (tunnel-packing:2) level commands	
clrscrn	Clears the screen.
default packing mode	Sets to default packing mode, which is "Disable"
default send character	Removes the send character for packing mode.
default threshold	Restores the default threshold.
default timeout	Restores the default packing mode timeout.
exit	Returns to the tunnel level.
no trailing character	Removes the trailing character for packing mode.
packing mode disable	Disables packing. Data is sent to the network when received.
packing mode send character	Sets packing mode to accumulate data and transmit it upon receiving the configured send character on the line (serial port).
packing mode timeout	Sets packing mode to accumulate data and transmit it after a specified amount of time (timeout).
send character <control></control>	Sets the send character for packing mode. The character may be input as text, control, decimal, or hex. A control character has the form <control>C. A decimal value character has the form \99. A hex value character has the form 0xFF.</control>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
threshold <td>Sets the threshold (byte count). If the queued data reaches this threshold then the data will be sent. hytes> = number of bytes in the threshold.</td>	Sets the threshold (byte count). If the queued data reaches this threshold then the data will be sent. hytes> = number of bytes in the threshold.
timeout <milliseconds></milliseconds>	Sets the timeout value for packing mode in milliseconds. <milliseconds> = timeout value, in milliseconds.</milliseconds>
trailing character < control>	Sets the trailing character for packing mode. The character may be input as text, control, decimal, or hex. A control character has the form <control>C. A decimal value character has the form \99. A hex value character has the form 0xFF.</control>
write	Stores the current configuration in permanent memory.
packing (tunnel-packing:1) level commands	
clrscrn	Clears the screen.
default packing mode	Sets to default packing mode, which is "Disable"
default send character	Removes the send character for packing mode.
default threshold	Restores the default threshold.
default timeout	Restores the default packing mode timeout.
exit	Returns to the tunnel level.
no trailing character	Removes the trailing character for packing mode.
packing mode disable	Disables packing. Data is sent to the network when received.
packing mode send character	Sets packing mode to accumulate data and transmit it upon receiving the configured send character on the line (serial port).

packing mode timeout	Sets packing mode to accumulate data and transmit it
	after a specified amount of time (timeout).
send character <control></control>	Sets the send character for packing mode. The character may be input as text, control, decimal, or hex. A control character has the form <control>C. A decimal value character has the form \99. A hex value character has the form 0xFF.</control>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
threshold bytes>	Sets the threshold (byte count). If the queued data reaches this threshold then the data will be sent. hytes> = number of bytes in the threshold.
timeout <milliseconds></milliseconds>	Sets the timeout value for packing mode in milliseconds. <milliseconds> = timeout value, in milliseconds.</milliseconds>
trailing character < control>	Sets the trailing character for packing mode. The character may be input as text, control, decimal, or hex. A control character has the form <control>C. A decimal value character has the form \99. A hex value character has the form 0xFF.</control>
write	Stores the current configuration in permanent memory.
password (tunnel-accept-password:2) level con	
clrscrn	Clears the screen.
exit	Exits to the next higher level.
no password	Removes the password so connections will be accepted unchallenged.
password <text></text>	Sets the password required on the network side of the tunnel to begin a connection.
prompt disable	Inhibits any prompting for password on the network side of the tunnel.
prompt enable	Sets up so a user on the network side of the tunnel will be prompted for a password.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
password (tunnel-accept-password:1) level con	
clrscrn	Clears the screen.
exit	Exits to the next higher level.
no password	Removes the password so connections will be accepted unchallenged.
password <text></text>	Sets the password required on the network side of the tunnel to begin a connection.
prompt disable	Inhibits any prompting for password on the network side of the tunnel.
prompt enable	Sets up so a user on the network side of the tunnel will be prompted for a password.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.

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default protocol exit Exits to the config-gateway level. Exits to the config-gateway level. Set the friendly name for port forwarding rule <text> = friendly name for port forwarding rule. Sets the original destination IP address for port forwarding rule. Remove the friendly name. Clears the destination IP address for port forwarding rule. Clears the destination IP address for port forwarding rule. Clears the destination IP address for port forwarding rule. Clears the destination iP address for port forwarding rule. Clears the destination iP address for port forwarding rule. Clears the destination iP address for port forwarding rule. Clears the destination iP address for port forwarding rule. Clears the destination port for port forwarding rule. Clears the destination port for port forwarding rule. Clears the destination port for port forwarding rule. Sets the port or range for port forwarding rule. <text> = port or range for port forwarding rule. <text> = port or range. Fort or range for port forwarding rule. <text> = port or range for port forwarding rule. <text> = port or range. Fort or range for port forwarding rule. <text> = port or range for port forwarding rule. <text> = port or range. Sets the protocol to UDP. Sets the protocol to UDP. Sets the protocol to UDP. Sets the port forwarding rule. Exists or forwarding rule. Sets the destination port for port forwarding rule. <text> = port. Write Stores the current configuration in permanent memory. Fort forwarding rule 2 (config-portforwarding:2) level commands Clears the destination iP address for port forwarding rule. Sets the original destination iP address for port forwarding rule. Clears the destination iP address for port forwarding rule. Cl</text></text></text></text></text></text></text></text></text></text></text></text></text></text>	port forwarding rule 1 (config-portforwarding	g:1) level commands
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Displays the current configuration.	protocol tcp	Sets the protocol to TCP.
bisplays the last 20 commands entered during the current CLI session. Displays the last 20 commands entered during the current CLI session. Disables the port forwarding rule. Enables the port forwarding rule. Sets the destination port for port forwarding rule. <text> = port. Write Stores the current configuration in permanent memory. port forwarding rule 2 (config-portforwarding:2) level commands clrscrn Clears the screen. default protocol Restores the default value of the protocol (Both). exit Exits to the config-gateway level. friendly name <text> Set the friendly name for port forwarding rule <text> = friendly name ingress ip address <ip address=""> Sets the original destination IP address for port forwarding rule. no friendly name Remove the friendly name. To lars the original destination IP address for port forwarding rule. Clears the original destination IP address for port forwarding rule. Clears the original destination IP address for port forwarding rule. Clears the original destination IP address for port forwarding rule. Clears the destination IP address for port forwarding rule. Clears the destination IP address for port forwarding rule. Clears the port or range for port forwarding rule. Clears the destination port for port forwarding rule.</ip></text></text></text>	protocol udp	Sets the protocol to UDP.
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	no port or range	Clears the port or range for port forwarding rule.
port forwarding rule <number> Change to config gateway port forwarding level.</number>	no target port	Clears the destination port for port forwarding rule.
	port forwarding rule <number></number>	Change to config gateway port forwarding level.

	т
port or range <text></text>	Sets the port or range for port forwarding rule. <text> = port or range.</text>
protocol both	Sets the protocol to Both (TCP and UDP).
protocol tcp	Sets the protocol to TCP.
protocol udp	Sets the protocol to UDP.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
state disable	Disables the port forwarding rule.
state enable	Enables the port forwarding rule.
target port <text></text>	Sets the destination port for port forwarding rule. <text> = port.</text>
write	Stores the current configuration in permanent memory.
port forwarding rule 3 (config-portforwarding:3) level	commands
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Both).
exit	Exits to the config-gateway level.
friendly name <text></text>	Set the friendly name for port forwarding rule <text> = friendly name</text>
ingress ip address <ip address=""></ip>	Sets the original destination IP address for port forwarding rule.
ip address <ip address=""></ip>	Sets the destination IP address for port forwarding rule.
no friendly name	Remove the friendly name.
no ingress ip address	Clears the original destination IP address for port forwarding rule.
no ip address	Clears the destination IP address for port forwarding rule.
no port or range	Clears the port or range for port forwarding rule.
no target port	Clears the destination port for port forwarding rule.
port forwarding rule < <i>number</i> >	Change to config gateway port forwarding level.
port or range <text></text>	Sets the port or range for port forwarding rule. <text> = port or range.</text>
protocol both	Sets the protocol to Both (TCP and UDP).
protocol tcp	Sets the protocol to TCP.
protocol udp	Sets the protocol to UDP.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
state disable	Disables the port forwarding rule.
state enable	Enables the port forwarding rule.
target port < <i>text</i> >	Sets the destination port for port forwarding rule. <text> = port.</text>
write	Stores the current configuration in permanent memory.
port forwarding rule 4 (config-portforwarding:4) level	commands
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Both).
exit	Exits to the config-gateway level.

Set the friendly name for port forwarding rule <text> = friendly name</text>
Sets the original destination IP address for port forwarding rule.
Sets the destination IP address for port forwarding rule.
Remove the friendly name.
Clears the original destination IP address for port forwarding rule.
Clears the destination IP address for port forwarding rule.
Clears the port or range for port forwarding rule.
Clears the destination port for port forwarding rule.
Change to config gateway port forwarding level.
Sets the port or range for port forwarding rule. <text> = port or range.</text>
Sets the protocol to Both (TCP and UDP).
Sets the protocol to TCP.
Sets the protocol to UDP.
Displays the current configuration.
Displays the last 20 commands entered during the current CLI session.
Disables the port forwarding rule.
Enables the port forwarding rule.
Sets the destination port for port forwarding rule. <text> = port.</text>
Stores the current configuration in permanent memory.
commands
Clears the screen.
Restores the default value of the protocol (Both).
Exits to the config-gateway level.
Set the friendly name for port forwarding rule <text> = friendly name</text>
friendly name Sets the original destination IP address for port forwarding
friendly name Sets the original destination IP address for port forwarding rule.
friendly name Sets the original destination IP address for port forwarding rule. Sets the destination IP address for port forwarding rule.
friendly name Sets the original destination IP address for port forwarding rule. Sets the destination IP address for port forwarding rule. Remove the friendly name. Clears the original destination IP address for port forward-
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show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
state disable	Disables the port forwarding rule.
state enable	Enables the port forwarding rule.
target port <text></text>	Sets the destination port for port forwarding rule. <text> = port.</text>
write	Stores the current configuration in permanent memory.
port forwarding rule 6 (config-portforwarding:6)	level commands
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Both).
exit	Exits to the config-gateway level.
friendly name <text></text>	Set the friendly name for port forwarding rule <text> = friendly name</text>
ingress ip address <ip address=""></ip>	Sets the original destination IP address for port forwarding rule.
ip address < <i>IP addr</i> ess>	Sets the destination IP address for port forwarding rule.
no friendly name	Remove the friendly name.
no ingress ip address	Clears the original destination IP address for port forwarding rule.
no ip address	Clears the destination IP address for port forwarding rule.
no port or range	Clears the port or range for port forwarding rule.
no target port	Clears the destination port for port forwarding rule.
port forwarding rule <number></number>	Change to config gateway port forwarding level.
port or range <text></text>	Sets the port or range for port forwarding rule. <text> = port or range.</text>
protocol both	Sets the protocol to Both (TCP and UDP).
protocol tcp	Sets the protocol to TCP.
protocol udp	Sets the protocol to UDP.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
state disable	Disables the port forwarding rule.
state enable	Enables the port forwarding rule.
target port <text></text>	Sets the destination port for port forwarding rule. <text> = port.</text>
write	Stores the current configuration in permanent memory.
port forwarding rule 7 (config-portforwarding:7)	level commands
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Both).
exit	Exits to the config-gateway level.
friendly name <text></text>	Set the friendly name for port forwarding rule <text> = friendly name</text>
ingress ip address <ip address=""></ip>	Sets the original destination IP address for port forwarding rule.
ip address < <i>IP address</i> >	Sets the destination IP address for port forwarding rule.

no friendly name	Remove the friendly name.
no ingress ip address	Clears the original destination IP address for port forward-
	ing rule.
no ip address	Clears the destination IP address for port forwarding rule.
no port or range	Clears the port or range for port forwarding rule.
no target port	Clears the destination port for port forwarding rule.
port forwarding rule <number></number>	Change to config gateway port forwarding level.
port or range <text></text>	Sets the port or range for port forwarding rule. <text> = port or range.</text>
protocol both	Sets the protocol to Both (TCP and UDP).
protocol tcp	Sets the protocol to TCP.
protocol udp	Sets the protocol to UDP.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
state disable	Disables the port forwarding rule.
state enable	Enables the port forwarding rule.
target port <text></text>	Sets the destination port for port forwarding rule. <text> = port.</text>
write	Stores the current configuration in permanent memory.
port forwarding rule 8 (config-portforwarding:8) level c	ommands
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Both).
exit	Exits to the config-gateway level.
friendly name <text></text>	Set the friendly name for port forwarding rule <text> = friendly name</text>
ingress ip address <ip address=""></ip>	Sets the original destination IP address for port forwarding rule.
ip address	Sets the destination IP address for port forwarding rule.
no friendly name	Remove the friendly name.
no ingress ip address	Clears the original destination IP address for port forwarding rule.
no ip address	Clears the destination IP address for port forwarding rule.
no port or range	Clears the port or range for port forwarding rule.
no target port	Clears the destination port for port forwarding rule.
port forwarding rule < <i>number</i> >	Change to config gateway port forwarding level.
port or range <text></text>	Sets the port or range for port forwarding rule. <text> = port or range.</text>
protocol both	Sets the protocol to Both (TCP and UDP).
protocol tcp	Sets the protocol to TCP.
protocol udp	Sets the protocol to UDP.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
state disable	Disables the port forwarding rule.
state enable	Enables the port forwarding rule.

target port <text></text>	Sets the destination port for port forwarding rule. <text> = port.</text>
write	Stores the current configuration in permanent memory.
qos (config-wwan-qos:wwan0) level commands	
clrscrn	Clears the screen.
default uplink data speed	Restores the default uplink speed.
exit	Exit back to interface configuration level
filter <instance></instance>	Enters the next lower level. Specify the instance for the next lower level.
import filters disable	Do not import QoS filters from other interfaces.
import filters enable	Import QoS filters from other interfaces.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show status	Displays the current status
state disable	Disables QoS.
state enable	Enables QoS.
uplink data speed <floating number="" point=""></floating>	Sets the maximum uplink speed in kbps.
write	Stores the current configuration in permanent memory.
qos (config-ethernet-qos:eth0) level commands	
clrscrn	Clears the screen.
default uplink data speed	Restores the default uplink speed.
exit	Exit back to interface configuration level
filter <instance></instance>	Enters the next lower level. Specify the instance for the next lower level.
import filters disable	Do not import QoS filters from other interfaces.
import filters enable	Import QoS filters from other interfaces.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show status	Displays the current status
state disable	Disables QoS.
state enable	Enables QoS.
uplink data speed <floating number="" point=""></floating>	Sets the maximum uplink speed in kbps.
write	Stores the current configuration in permanent memory.
relay (config-action-relay:wwan0 link state change)	level commands
alarm energize none	No relay will be affected by the alarm.
alarm energize relay < <i>number</i> >	Selects the relay that will be on when the alarm is on.
clrscrn	Clears the screen.
default alarm energize	No relay will be affected by the alarm.
exit	Exits to the next higher level.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.

commands
No relay will be affected by the alarm.
Selects the relay that will be on when the alarm is on.
Clears the screen.
No relay will be affected by the alarm.
Exits to the next higher level.
Shows the current configuration.
Displays the last 20 commands entered during the current CLI session.
Stores the current configuration in permanent memory.
level commands
No relay will be affected by the alarm.
Selects the relay that will be on when the alarm is on.
Clears the screen.
No relay will be affected by the alarm.
Exits to the next higher level.
Shows the current configuration.
Displays the last 20 commands entered during the current CLI session.
Stores the current configuration in permanent memory.
level commands
No relay will be affected by the alarm.
Selects the relay that will be on when the alarm is on.
Clears the screen.
No relay will be affected by the alarm.
Exits to the next higher level.
Shows the current configuration.
Displays the last 20 commands entered during the current CLI session.
Stores the current configuration in permanent memory.
Clears the screen.
Exits to the config-relay level.
The alarm will automatically turn off after any and all of the alarm triggers are no longer active.
Requires a user command to explicitly turn the alarm off.
Restore the default title of Relay N, where N is the relay number.
Change to config relay instance level
Sets relay state on or off.
Displays the current configuration.
Displays the last 20 commands entered during the current CLI session.
Displays status.
Customize how the relay status will appear in the CLI,

	Web Manager, and XML status.
write	Stores the current configuration in permanent memory.
relays (config-relays) level commands	
clrscrn	Clears the screen.
exit	Returns to the config level.
relay <number></number>	Change to config relay instance level
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
root level commands	
clrscrn	Clears the screen.
enable	Enters the enable level.
exit	Exit from the system
iperf <params></params>	Run iperf with command line parameters passed in quoted string.
ping <host></host>	Ping destination continuously with 5 second timeout
ping <host> <count></count></host>	Ping destination n times with 5 second timeout
ping <host> <count> <timeout></timeout></count></host>	Ping destination n times with x timeout (in seconds)
show	Show system information
show history	Displays the last 20 commands entered during the current CLI session.
trace route <host></host>	Trace route to destination
trace route <host> <protocol></protocol></host>	Trace route to destination using TCP, ICMP, or UDP
rss (config-rss) level commands	
clear rss	Clear the RSS Feed data
clrscrn	Clears the screen.
default max entries	D
	Restores the default number of RSS feed entries.
exit	Exits to the configuration level.
exit feed disable	
	Exits to the configuration level.
feed disable	Exits to the configuration level. Disables RSS feed.
feed disable feed enable	Exits to the configuration level. Disables RSS feed. Enables RSS feed.
feed disable feed enable max entries <number></number>	Exits to the configuration level. Disables RSS feed. Enables RSS feed. Sets the maximum number of RSS feed entries.
feed disable feed enable max entries < number> persist disable	Exits to the configuration level. Disables RSS feed. Enables RSS feed. Sets the maximum number of RSS feed entries. Disables RSS feed data persistence.
feed disable feed enable max entries <number> persist disable persist enable</number>	Exits to the configuration level. Disables RSS feed. Enables RSS feed. Sets the maximum number of RSS feed entries. Disables RSS feed data persistence. Enables RSS feed data persistence.
feed disable feed enable max entries <number> persist disable persist enable show</number>	Exits to the configuration level. Disables RSS feed. Enables RSS feed. Sets the maximum number of RSS feed entries. Disables RSS feed data persistence. Enables RSS feed data persistence. Displays the current configuration. Displays the last 20 commands entered during the current
feed disable feed enable max entries <number> persist disable persist enable show show history</number>	Exits to the configuration level. Disables RSS feed. Enables RSS feed. Sets the maximum number of RSS feed entries. Disables RSS feed data persistence. Enables RSS feed data persistence. Displays the current configuration. Displays the last 20 commands entered during the current CLI session.
feed disable feed enable max entries <number> persist disable persist enable show show history show status</number>	Exits to the configuration level. Disables RSS feed. Enables RSS feed. Sets the maximum number of RSS feed entries. Disables RSS feed data persistence. Enables RSS feed data persistence. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Display the RSS Feed status
feed disable feed enable max entries <number> persist disable persist enable show show history show status write</number>	Exits to the configuration level. Disables RSS feed. Enables RSS feed. Sets the maximum number of RSS feed entries. Disables RSS feed data persistence. Enables RSS feed data persistence. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Display the RSS Feed status
feed disable feed enable max entries <number> persist disable persist enable show show history show status write serial (tunnel-serial:2) level commands</number>	Exits to the configuration level. Disables RSS feed. Enables RSS feed. Sets the maximum number of RSS feed entries. Disables RSS feed data persistence. Enables RSS feed data persistence. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Display the RSS Feed status Stores the current configuration in permanent memory.
feed disable feed enable max entries <number> persist disable persist enable show show history show status write serial (tunnel-serial:2) level commands clrscrn</number>	Exits to the configuration level. Disables RSS feed. Enables RSS feed. Sets the maximum number of RSS feed entries. Disables RSS feed data persistence. Enables RSS feed data persistence. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Display the RSS Feed status Stores the current configuration in permanent memory. Clears the screen.
feed disable feed enable max entries <number> persist disable persist enable show show history show status write serial (tunnel-serial:2) level commands clrscrn default dtr</number>	Exits to the configuration level. Disables RSS feed. Enables RSS feed. Sets the maximum number of RSS feed entries. Disables RSS feed data persistence. Enables RSS feed data persistence. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Display the RSS Feed status Stores the current configuration in permanent memory. Clears the screen. Restores default DTR control, asserted while connected. Asserts DTR whenever a connect or accept mode tunnel

	Telnet.
dtr unasserted	Does not assert DTR.
exit	Returns to the tunnel level.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
serial (tunnel-serial:1) level commands	
clrscrn	Clears the screen.
default dtr	Restores default DTR control, asserted while connected.
dtr asserted while connected	Asserts DTR whenever a connect or accept mode tunnel connection is active.
dtr continuously asserted	Asserts DTR regardless of any connections.
dtr truport	Asserts DTR to match remote DSR when connected via Telnet.
dtr unasserted	Does not assert DTR.
exit	Returns to the tunnel level.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
server (ssh-server) level commands	
authorized user <username> <password></password></username>	Sets authorized username, password, and optionally RSA and/or DSA public keys
clrscrn	Clears the screen.
delete all authorized users	Removes all authorized users
delete authorized user <username></username>	Remove an authorized user
exit	Exits to the ssh level.
host generate dsa 1024	Generate DSA public and private keys
host generate dsa 512	Generate DSA public and private keys
host generate dsa 768	Generate DSA public and private keys
host generate rsa 1024	Generate RSA public and private keys
host generate rsa 512	Generate RSA public and private keys
host generate rsa 768	Generate RSA public and private keys
host keys	Sets RSA or DSA public and/or private keys
no host dsa	Removes DSA public and private keys
no host rsa	Removes RSA public and private keys
show	Show SSH Server settings
show authorized user <username></username>	Show information for an authorized user
show history	Displays the last 20 commands entered during the current CLI session.
show host dsa	Show full DSA public key
show host rsa	Show full RSA public key
write	Stores the current configuration in permanent memory.
sms (config-sms) level commands	

Returns to the config level. Enters the inbound sms level. Enters the inbound sms level. Displays the last 20 commands entered during the current CLI session. Write Stores the current configuration in permanent memory. Statis to the sms-inbound SMS Number. Sets the Inbound SMS Number. Sets the Inb	clrscrn	Clears the screen.
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Clears the screen. Exits to the sms-inbound level. Clears the Inbound SMS Number. Clears the Inbound SMS Number. Sets the Inbound SMS Number. Sets the Inbound SMS Number. <text> = Inbound SMS Number. Sets the Inbound SMS Number. <text> = Inbound SMS Number. Sets the Inbound SMS Number. <text> = Inbound SMS Number. <text> = Inbound SMS Number to be set. Telaycontrol disable</text></text></text></text>	show history	Displays the last 20 commands entered during the current CLI session.
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Sets the Inbound SMS Number. <text> = Inbound SMS Number to be set. Prelaycontrol disable</text>	exit	Exits to the sms-inbound level.
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clrscrn Clears the screen. Exits to the sms-inbound SMS Number. Clears the Inbound SMS Number. <text> = Inbound SMS Number to be set. Trelaycontrol disable Trelaycontrol enable Shouldertap disable Disables Shoulder Tap.</text>	show history	Displays the last 20 commands entered during the current CLI session.
clrscrn exit Exits to the sms-inbound level. Clears the Inbound SMS Number. number <text> Sets the Inbound SMS Number. <text> = Inbound SMS Number to be set. relaycontrol disable prelaycontrol enable Enables Relay Control. Enables Shoulder Tap.</text></text>	write	Stores the current configuration in permanent memory.
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Sets the Inbound SMS Number. <text> = Inbound SMS Number to be set. relaycontrol disable Disables Relay Control. relaycontrol enable Enables Relay Control. Shouldertap disable Disables Shoulder Tap.</text>	exit	Exits to the sms-inbound level.
Number to be set. relaycontrol disable relaycontrol enable shouldertap disable Number to be set. Disables Relay Control. Enables Relay Control. Disables Shoulder Tap.	no number	Clears the Inbound SMS Number.
relaycontrol enable Enables Relay Control. shouldertap disable Disables Shoulder Tap.	number <text></text>	
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	relaycontrol enable	Enables Relay Control.
shouldertap enable Enables Shoulder Tap.	shouldertap disable	Disables Shoulder Tap.
	shouldertap enable	Enables Shoulder Tap.

show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current
·	CLI session.
write	Stores the current configuration in permanent memory.
sms inbound sender 12 (config-sms-inbound-sms_inbo	ound_senders:12) level commands
clrscrn	Clears the screen.
exit	Exits to the sms-inbound level.
no number	Clears the Inbound SMS Number.
number <text></text>	Sets the Inbound SMS Number. <text> = Inbound SMS Number to be set.</text>
relaycontrol disable	Disables Relay Control.
relaycontrol enable	Enables Relay Control.
shouldertap disable	Disables Shoulder Tap.
shouldertap enable	Enables Shoulder Tap.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
sms inbound sender 13 (config-sms-inbound-sms_inbo	ound_senders:13) level commands
clrscrn	Clears the screen.
exit	Exits to the sms-inbound level.
no number	Clears the Inbound SMS Number.
number <text></text>	Sets the Inbound SMS Number. <text> = Inbound SMS Number to be set.</text>
relaycontrol disable	Disables Relay Control.
relaycontrol enable	Enables Relay Control.
shouldertap disable	Disables Shoulder Tap.
shouldertap enable	Enables Shoulder Tap.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
sms inbound sender 14 (config-sms-inbound-sms_inbo	ound_senders:14) level commands
clrscrn	Clears the screen.
exit	Exits to the sms-inbound level.
no number	Clears the Inbound SMS Number.
number <text></text>	Sets the Inbound SMS Number. <text> = Inbound SMS Number to be set.</text>
relaycontrol disable	Disables Relay Control.
relaycontrol enable	Enables Relay Control.
shouldertap disable	Disables Shoulder Tap.
shouldertap enable	Enables Shoulder Tap.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.

write	Stores the current configuration in permanent memory.
sms inbound sender 15 (config-sms-inbot	und-sms_inbound_senders:15) level commands
clrscrn	Clears the screen.
exit	Exits to the sms-inbound level.
no number	Clears the Inbound SMS Number.
number <text></text>	Sets the Inbound SMS Number. <text> = Inbound SMS Number to be set.</text>
relaycontrol disable	Disables Relay Control.
relaycontrol enable	Enables Relay Control.
shouldertap disable	Disables Shoulder Tap.
shouldertap enable	Enables Shoulder Tap.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
sms inbound sender 16 (config-sms-inbo	und-sms_inbound_senders:16) level commands
clrscrn	Clears the screen.
exit	Exits to the sms-inbound level.
no number	Clears the Inbound SMS Number.
number <text></text>	Sets the Inbound SMS Number. <text> = Inbound SMS Number to be set.</text>
relaycontrol disable	Disables Relay Control.
relaycontrol enable	Enables Relay Control.
shouldertap disable	Disables Shoulder Tap.
shouldertap enable	Enables Shoulder Tap.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
sms inbound sender 17 (config-sms-inbo	und-sms_inbound_senders:17) level commands
clrscrn	Clears the screen.
exit	Exits to the sms-inbound level.
no number	Clears the Inbound SMS Number.
number <text></text>	Sets the Inbound SMS Number. <text> = Inbound SMS Number to be set.</text>
relaycontrol disable	Disables Relay Control.
relaycontrol enable	Enables Relay Control.
shouldertap disable	Disables Shoulder Tap.
shouldertap enable	Enables Shoulder Tap.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
sms inbound sender 18 (config-sms-inbot	und-sms_inbound_senders:18) level commands
clrscrn	Clears the screen.

exit	Exits to the sms-inbound level.
no number	Clears the Inbound SMS Number.
number <text></text>	Sets the Inbound SMS Number. <text> = Inbound SMS Number to be set.</text>
relaycontrol disable	Disables Relay Control.
relaycontrol enable	Enables Relay Control.
shouldertap disable	Disables Shoulder Tap.
shouldertap enable	Enables Shoulder Tap.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
sms inbound sender 19 (config-sms-inbound-sms_inb	ound_senders:19) level commands
clrscrn	Clears the screen.
exit	Exits to the sms-inbound level.
no number	Clears the Inbound SMS Number.
number <text></text>	Sets the Inbound SMS Number. <text> = Inbound SMS Number to be set.</text>
relaycontrol disable	Disables Relay Control.
relaycontrol enable	Enables Relay Control.
shouldertap disable	Disables Shoulder Tap.
shouldertap enable	Enables Shoulder Tap.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
sms inbound sender 2 (config-sms-inbound-sms_inbo	und_senders:2) level commands
clrscrn	Clears the screen.
exit	Exits to the sms-inbound level.
no number	Clears the Inbound SMS Number.
number <text></text>	Sets the Inbound SMS Number. <text> = Inbound SMS Number to be set.</text>
relaycontrol disable	Disables Relay Control.
relaycontrol enable	Enables Relay Control.
shouldertap disable	Disables Shoulder Tap.
shouldertap enable	Enables Shoulder Tap.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
sms inbound sender 20 (config-sms-inbound-sms_inb	ound_senders:20) level commands
clrscrn	Clears the screen.
exit	Exits to the sms-inbound level.
no number	Clears the Inbound SMS Number.
number <text></text>	Sets the Inbound SMS Number. <text> = Inbound SMS</text>

	Number to be set.
releveentral dischle	
relaycontrol disable	Disables Relay Control.
relaycontrol enable	Enables Relay Control.
shouldertap disable	Disables Shoulder Tap.
shouldertap enable	Enables Shoulder Tap.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
sms inbound sender 21 (config-sms-inbound-sms_inb	ound_senders:21) level commands
clrscrn	Clears the screen.
exit	Exits to the sms-inbound level.
no number	Clears the Inbound SMS Number.
number <text></text>	Sets the Inbound SMS Number. <text> = Inbound SMS Number to be set.</text>
relaycontrol disable	Disables Relay Control.
relaycontrol enable	Enables Relay Control.
shouldertap disable	Disables Shoulder Tap.
shouldertap enable	Enables Shoulder Tap.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
sms inbound sender 22 (config-sms-inbound-sms_inb	ound_senders:22) level commands
clrscrn	Clears the screen.
exit	Exits to the sms-inbound level.
no number	Clears the Inbound SMS Number.
number <text></text>	Sets the Inbound SMS Number. <text> = Inbound SMS Number to be set.</text>
relaycontrol disable	Disables Relay Control.
relaycontrol enable	Enables Relay Control.
shouldertap disable	Disables Shoulder Tap.
shouldertap enable	Enables Shoulder Tap.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
sms inbound sender 23 (config-sms-inbound-sms_inb	ound_senders:23) level commands
clrscrn	Clears the screen.
exit	Exits to the sms-inbound level.
no number	Clears the Inbound SMS Number.
number <text></text>	Sets the Inbound SMS Number. <text> = Inbound SMS</text>
HIGHIDGI SIGALA	Number to be set.
relaycontrol disable	
	Number to be set.

shouldertap disable	Disables Shoulder Tap.
shouldertap enable	Enables Shoulder Tap.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
sms inbound sender 24 (config-sms-inbound-sms_inb	ound_senders:24) level commands
clrscrn	Clears the screen.
exit	Exits to the sms-inbound level.
no number	Clears the Inbound SMS Number.
number <text></text>	Sets the Inbound SMS Number. <text> = Inbound SMS Number to be set.</text>
relaycontrol disable	Disables Relay Control.
relaycontrol enable	Enables Relay Control.
shouldertap disable	Disables Shoulder Tap.
shouldertap enable	Enables Shoulder Tap.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
sms inbound sender 3 (config-sms-inbound-sms_inbo	und_senders:3) level commands
clrscrn	Clears the screen.
exit	Exits to the sms-inbound level.
no number	Clears the Inbound SMS Number.
number <text></text>	Cata the Inherind CMC Number stoyts Inherind CMC
	Sets the Inbound SMS Number. <text> = Inbound SMS Number to be set.</text>
relaycontrol disable	
relaycontrol disable relaycontrol enable	Number to be set.
	Number to be set. Disables Relay Control.
relaycontrol enable	Number to be set. Disables Relay Control. Enables Relay Control.
relaycontrol enable shouldertap disable	Number to be set. Disables Relay Control. Enables Relay Control. Disables Shoulder Tap.
relaycontrol enable shouldertap disable shouldertap enable	Number to be set. Disables Relay Control. Enables Relay Control. Disables Shoulder Tap. Enables Shoulder Tap.
relaycontrol enable shouldertap disable shouldertap enable show	Number to be set. Disables Relay Control. Enables Relay Control. Disables Shoulder Tap. Enables Shoulder Tap. Displays the current configuration. Displays the last 20 commands entered during the current
relaycontrol enable shouldertap disable shouldertap enable show show history	Number to be set. Disables Relay Control. Enables Relay Control. Disables Shoulder Tap. Enables Shoulder Tap. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory.
relaycontrol enable shouldertap disable shouldertap enable show show history write	Number to be set. Disables Relay Control. Enables Relay Control. Disables Shoulder Tap. Enables Shoulder Tap. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory.
relaycontrol enable shouldertap disable shouldertap enable show show history write sms inbound sender 4 (config-sms-inbound-sms_inbo	Number to be set. Disables Relay Control. Enables Relay Control. Disables Shoulder Tap. Enables Shoulder Tap. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory. und_senders:4) level commands
relaycontrol enable shouldertap disable shouldertap enable show show history write sms inbound sender 4 (config-sms-inbound-sms_inbo	Number to be set. Disables Relay Control. Enables Relay Control. Disables Shoulder Tap. Enables Shoulder Tap. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory. und_senders:4) level commands Clears the screen.
relaycontrol enable shouldertap disable shouldertap enable show show history write sms inbound sender 4 (config-sms-inbound-sms_inbo	Number to be set. Disables Relay Control. Enables Relay Control. Disables Shoulder Tap. Enables Shoulder Tap. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory. und_senders:4) level commands Clears the screen. Exits to the sms-inbound level.
relaycontrol enable shouldertap disable shouldertap enable show show history write sms inbound sender 4 (config-sms-inbound-sms_inbo clrscrn exit no number	Number to be set. Disables Relay Control. Enables Relay Control. Disables Shoulder Tap. Enables Shoulder Tap. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory. und_senders:4) level commands Clears the screen. Exits to the sms-inbound level. Clears the Inbound SMS Number. <text> = Inbound SMS</text>
relaycontrol enable shouldertap disable shouldertap enable show show history write sms inbound sender 4 (config-sms-inbound-sms_inbo clrscrn exit no number number < text>	Number to be set. Disables Relay Control. Enables Relay Control. Disables Shoulder Tap. Enables Shoulder Tap. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory. und_senders:4) level commands Clears the screen. Exits to the sms-inbound level. Clears the Inbound SMS Number. <text> = Inbound SMS Number to be set.</text>
relaycontrol enable shouldertap disable shouldertap enable show show history write sms inbound sender 4 (config-sms-inbound-sms_inbo clrscrn exit no number number <text></text>	Number to be set. Disables Relay Control. Enables Relay Control. Disables Shoulder Tap. Enables Shoulder Tap. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory. und_senders:4) level commands Clears the screen. Exits to the sms-inbound level. Clears the Inbound SMS Number. <text> = Inbound SMS Number to be set. Disables Relay Control.</text>
relaycontrol enable shouldertap disable shouldertap enable show show history write sms inbound sender 4 (config-sms-inbound-sms_inbo clrscrn exit no number number <text> relaycontrol disable relaycontrol enable</text>	Number to be set. Disables Relay Control. Enables Relay Control. Disables Shoulder Tap. Enables Shoulder Tap. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory. und_senders:4) level commands Clears the screen. Exits to the sms-inbound level. Clears the Inbound SMS Number. Sets the Inbound SMS Number. <text> = Inbound SMS Number to be set. Disables Relay Control. Enables Relay Control.</text>

show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
sms inbound sender 5 (config-sms-inbound-sms_	inbound_senders:5) level commands
clrscrn	Clears the screen.
exit	Exits to the sms-inbound level.
no number	Clears the Inbound SMS Number.
number <text></text>	Sets the Inbound SMS Number. <text> = Inbound SMS Number to be set.</text>
relaycontrol disable	Disables Relay Control.
relaycontrol enable	Enables Relay Control.
shouldertap disable	Disables Shoulder Tap.
shouldertap enable	Enables Shoulder Tap.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
sms inbound sender 6 (config-sms-inbound-sms_	inbound_senders:6) level commands
clrscrn	Clears the screen.
exit	Exits to the sms-inbound level.
no number	Clears the Inbound SMS Number.
number <text></text>	Sets the Inbound SMS Number. <text> = Inbound SMS Number to be set.</text>
relaycontrol disable	Disables Relay Control.
relaycontrol enable	Enables Relay Control.
shouldertap disable	Disables Shoulder Tap.
shouldertap enable	Enables Shoulder Tap.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
sms inbound sender 7 (config-sms-inbound-sms_	inbound_senders:7) level commands
clrscrn	Clears the screen.
exit	Exits to the sms-inbound level.
no number	Clears the Inbound SMS Number.
number <text></text>	Sets the Inbound SMS Number. <text> = Inbound SMS Number to be set.</text>
relaycontrol disable	Disables Relay Control.
relaycontrol enable	Enables Relay Control.
shouldertap disable	Disables Shoulder Tap.
shouldertap enable	Enables Shoulder Tap.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.

	ound-sms_inbound_senders:8) level commands
clrscrn	Clears the screen.
exit	Exits to the sms-inbound level.
no number	Clears the Inbound SMS Number.
number <text></text>	Sets the Inbound SMS Number. <text> = Inbound SMS Number to be set.</text>
relaycontrol disable	Disables Relay Control.
relaycontrol enable	Enables Relay Control.
shouldertap disable	Disables Shoulder Tap.
shouldertap enable	Enables Shoulder Tap.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
sms inbound sender 9 (config-sms-inb	ound-sms_inbound_senders:9) level commands
clrscrn	Clears the screen.
exit	Exits to the sms-inbound level.
no number	Clears the Inbound SMS Number.
number <text></text>	Sets the Inbound SMS Number. <text> = Inbound SMS Number to be set.</text>
relaycontrol disable	Disables Relay Control.
relaycontrol enable	Enables Relay Control.
shouldertap disable	Disables Shoulder Tap.
shouldertap enable	Enables Shoulder Tap.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
smtp (config-smtp) level commands	
clrscrn	Clears the screen.
default server port	Restores the SMTP server port to its default.
exit	Exits to the configuration level.
from address <text></text>	Sets the From address for email alerts. <text> = email address to place in the From field of the email alert.</text>
no from address	Removes the From address for email alerts.
no overriding domain	Removes the overriding domain name option.
no password	Removes the password.
no server address	Removes the SMTP server address.
no username	Removes the username.
overriding domain <text></text>	Sets a domain name that will be used when connecting to an SMTP server to send an email alert instead of the device's domain name in EHLO. <text> = domain name to override the current domain name in EHLO.</text>
password <text></text>	Sets the password for logging in to the mail server.
server address <text></text>	Sets an SMTP server address to direct all outbound email messages through a mail server.

server port <number></number>	Sets the SMTP server port.
show	Displays the current configuration.
show history	Displays the current configuration. Displays the last 20 commands entered during the current CLI session.
username <text></text>	Sets the username for logging in to the mail server.
write	Stores the current configuration in permanent memory.
snmp (config-snmp) level commands	
clrscrn	Clears the screen.
exit	Returns to the config level.
no system location	Clears the SNMP system location.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show status	Displays the SNMP agent status.
snmpd	Enters the next lower level.
system location <text></text>	Sets the SNMP system location. <text> = location of device.</text>
traps	Enters the next lower level.
write	Stores the current configuration in permanent memory.
snmp trap (config-action-snmp_trap:wwan0 link state	change) level commands
alarm message <text></text>	Sets the message to be sent when the alarm turns on.
clrscrn	Clears the screen.
exit	Exits to the next higher level.
no alarm message	Removes the alarm message.
no normal message	Removes the normal message.
no reminder interval	Clears the SNMP Trap reminder interval. SNMP Trap is sent once only.
normal message <text></text>	Sets the message to be sent when the alarm turns off.
reminder interval <minutes></minutes>	Sets the SNMP Trap reminder interval.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
state disable	Does not send SNMP Trap.
state enable	Sends SNMP Trap when alarm condition is met.
write	Stores the current configuration in permanent memory.
snmp trap (config-action-snmp_trap:eth0 link state c	hange) level commands
alarm message <text></text>	Sets the message to be sent when the alarm turns on.
clrscrn	Clears the screen.
exit	Exits to the next higher level.
no alarm message	Removes the alarm message.
no normal message	Removes the normal message.
no reminder interval	Clears the SNMP Trap reminder interval. SNMP Trap is sent once only.
normal message <text></text>	Sets the message to be sent when the alarm turns off.
reminder interval <minutes></minutes>	Sets the SNMP Trap reminder interval.

show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current
	CLI session.
state disable	Does not send SNMP Trap.
state enable	Sends SNMP Trap when alarm condition is met.
write	Stores the current configuration in permanent memory.
snmp trap (config-action-snmp_trap:digital	input 2 state change) level commands
alarm message <text></text>	Sets the message to be sent when the alarm turns on.
clrscrn	Clears the screen.
exit	Exits to the next higher level.
no alarm message	Removes the alarm message.
no normal message	Removes the normal message.
no reminder interval	Clears the SNMP Trap reminder interval. SNMP Trap is sent once only.
normal message <text></text>	Sets the message to be sent when the alarm turns off.
reminder interval <minutes></minutes>	Sets the SNMP Trap reminder interval.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
state disable	Does not send SNMP Trap.
state enable	Sends SNMP Trap when alarm condition is met.
write	Stores the current configuration in permanent memory.
snmp trap (config-action-snmp_trap:digital	input 1 state change) level commands
alarm message <text></text>	Sets the message to be sent when the alarm turns on.
clrscrn	Clears the screen.
exit	Exits to the next higher level.
no alarm message	Removes the alarm message.
no normal message	Removes the normal message.
no reminder interval	Clears the SNMP Trap reminder interval. SNMP Trap is sent once only.
normal message <text></text>	Sets the message to be sent when the alarm turns off.
reminder interval <minutes></minutes>	Sets the SNMP Trap reminder interval.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
state disable	Does not send SNMP Trap.
state enable	Sends SNMP Trap when alarm condition is met.
write	Stores the current configuration in permanent memory.
snmpd (config-snmp-snmpd) level comman	ds
authentication password <text></text>	Sets password used for authentication for agent.
authentication protocol md5	Uses MD5 for authentication for agent.
authentication protocol sha	Uses SHA for authentication for agent.
clrscrn	Clears the screen.
default authentication protocol	Restores to default SNMPv3 authentication method: MD5 for agent.

Restores to default SNMPv3 privacy encryption method: DES for agent.
Restores the SNMP read-only community to default: public
Restores to default SNMPv3 security method: Authentication, No Privacy for agent.
Restores the SNMP system description to its default.
Restores the SNMP system name to default: the product name.
Restores to default SNMP version v2c for agent.
Clears the SNMP read/write community to default: private
Exits to the next higher level.
Clears authentication password for agent.
Clears privacy password for agent.
Clears the SNMP system contact.
Clears SNMPv3 username for agent.
Sets password used for privacy encryption for agent.
Uses AES for privacy encryption for agent.
Uses DES for privacy encryption for agent.
Sets the SNMP read-only community string. <text> = name of the read-only community string to be set.</text>
Authentication and Privacy for agent.
Authentication, No Privacy for agent.
No Authentication, No Privacy for agent.
Shows the current configuration.
Displays the SNMP agent engine ID.
Displays the last 20 commands entered during the current CLI session.
Disables the SNMP agent.
Enables the SNMP agent.
Sets the SNMP system contact information. <text> = system contact information.</text>
Sets the SNMP system description. <text> = description of device.</text>
Sets the SNMP system name. <text> = SNMP system name.</text>
Sets SNMPv3 username for agent.
Uses SNMPv1 for agent.
Uses SNMPv2c for agent.
Uses SNMPv3 for agent.
Stores the current configuration in permanent memory.
Sets the SNMP read-write community string. <text> =</text>
name of the read-write community string to be set.
name of the read-write community string to be set.
name of the read-write community string to be set. Enters the SSH Client configuration level.

exit	Exits to the enable level.
server	Enters the SSH Server configuration level.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
ssh (config-cli-ssh) level commands	
clrscrn	Clears the screen.
default max sessions	Restores the default maximum allowed concurrent incoming SSH sessions.
default port	Restores the default local port to the SSH server.
exit	Exits to the CLI level.
max sessions < <i>number</i> >	Sets the maximum allowed concurrent incoming SSH sessions. <number> = number of sessions.</number>
port < <i>number</i> >	Sets the local port that the SSH server uses. <number> = local port number.</number>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	Displays the SSH server statistics.
state disable	Disables the SSH Server.
state enable	Enables the SSH Server.
write	Stores the current configuration in permanent memory.
ssl (ssl) level commands	
clrscrn	Clears the screen.
	Clears the screen. Enters the SSL credentials configuration level.
clrscrn	
clrscrn credentials	Enters the SSL credentials configuration level.
clrscrn credentials exit	Enters the SSL credentials configuration level. Exits to the enable level. Displays the last 20 commands entered during the current
clrscrn credentials exit show history	Enters the SSL credentials configuration level. Exits to the enable level. Displays the last 20 commands entered during the current CLI session.
clrscrn credentials exit show history trusted authorities	Enters the SSL credentials configuration level. Exits to the enable level. Displays the last 20 commands entered during the current CLI session. Enters the SSL configuration level. Stores the current configuration in permanent memory.
credentials exit show history trusted authorities write	Enters the SSL credentials configuration level. Exits to the enable level. Displays the last 20 commands entered during the current CLI session. Enters the SSL configuration level. Stores the current configuration in permanent memory.
credentials exit show history trusted authorities write static leases 1 (config-dhcpd-static_leases:1) level con	Enters the SSL credentials configuration level. Exits to the enable level. Displays the last 20 commands entered during the current CLI session. Enters the SSL configuration level. Stores the current configuration in permanent memory.
credentials exit show history trusted authorities write static leases 1 (config-dhcpd-static_leases:1) level col	Enters the SSL credentials configuration level. Exits to the enable level. Displays the last 20 commands entered during the current CLI session. Enters the SSL configuration level. Stores the current configuration in permanent memory. mmands Clears the screen.
credentials exit show history trusted authorities write static leases 1 (config-dhcpd-static_leases:1) level conclusorn exit	Enters the SSL credentials configuration level. Exits to the enable level. Displays the last 20 commands entered during the current CLI session. Enters the SSL configuration level. Stores the current configuration in permanent memory. Interds Clears the screen. Exits to the config-dhcpd level.
credentials exit show history trusted authorities write static leases 1 (config-dhcpd-static_leases:1) level col clrscrn exit ip address < IP address>	Enters the SSL credentials configuration level. Exits to the enable level. Displays the last 20 commands entered during the current CLI session. Enters the SSL configuration level. Stores the current configuration in permanent memory. nmands Clears the screen. Exits to the config-dhcpd level. Sets the reserved IP address. Sets the MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must en-
credentials exit show history trusted authorities write static leases 1 (config-dhcpd-static_leases:1) level col clrscrn exit ip address < IP address> mac address < hexadecimal>	Enters the SSL credentials configuration level. Exits to the enable level. Displays the last 20 commands entered during the current CLI session. Enters the SSL configuration level. Stores the current configuration in permanent memory. mands Clears the screen. Exits to the config-dhcpd level. Sets the reserved IP address. Sets the MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
credentials exit show history trusted authorities write static leases 1 (config-dhcpd-static_leases:1) level collectors exit ip address < IP address> mac address < hexadecimal> no ip address	Enters the SSL credentials configuration level. Exits to the enable level. Displays the last 20 commands entered during the current CLI session. Enters the SSL configuration level. Stores the current configuration in permanent memory. nmands Clears the screen. Exits to the config-dhcpd level. Sets the reserved IP address. Sets the MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Clears the reserved IP address.
credentials exit show history trusted authorities write static leases 1 (config-dhcpd-static_leases:1) level col clrscrn exit ip address < IP address> mac address < hexadecimal> no ip address no mac address	Enters the SSL credentials configuration level. Exits to the enable level. Displays the last 20 commands entered during the current CLI session. Enters the SSL configuration level. Stores the current configuration in permanent memory. Interestable SSL configuration in permanent memory. Clears the screen. Exits to the config-dhcpd level. Sets the reserved IP address. Sets the MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Clears the reserved IP address. Removes the MAC Address. Displays the current configuration.
credentials exit show history trusted authorities write static leases 1 (config-dhcpd-static_leases:1) level collector clrscrn exit ip address < IP address> mac address < hexadecimal> no ip address no mac address show	Enters the SSL credentials configuration level. Exits to the enable level. Displays the last 20 commands entered during the current CLI session. Enters the SSL configuration level. Stores the current configuration in permanent memory. Interestable SC Clears the screen. Exits to the config-dhcpd level. Sets the reserved IP address. Sets the MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Clears the reserved IP address. Removes the MAC Address. Displays the current configuration. Displays the last 20 commands entered during the current
credentials exit show history trusted authorities write static leases 1 (config-dhcpd-static_leases:1) level collision clrscrn exit ip address < IP address> mac address < hexadecimal> no ip address show show history	Enters the SSL credentials configuration level. Exits to the enable level. Displays the last 20 commands entered during the current CLI session. Enters the SSL configuration level. Stores the current configuration in permanent memory. mands Clears the screen. Exits to the config-dhcpd level. Sets the reserved IP address. Sets the MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. Clears the reserved IP address. Removes the MAC Address. Displays the current configuration. Displays the last 20 commands entered during the current CLI session.

static leases 2 (config-dhcpd-static_leases:2) level c	ommands
clrscrn	Clears the screen.
exit	Exits to the config-dhcpd level.
ip address <ip address=""></ip>	Sets the reserved IP address.
mac address <hexadecimal></hexadecimal>	Sets the MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
no ip address	Clears the reserved IP address.
no mac address	Removes the MAC Address.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
static leases <number></number>	Change to dhcpd static lease level.
write	Stores the current configuration in permanent memory.
static leases 3 (config-dhcpd-static_leases:3) level c	ommands
clrscrn	Clears the screen.
exit	Exits to the config-dhcpd level.
ip address <ip address=""></ip>	Sets the reserved IP address.
mac address <hexadecimal></hexadecimal>	Sets the MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
no ip address	Clears the reserved IP address.
no mac address	Removes the MAC Address.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
static leases <number></number>	Change to dhcpd static lease level.
write	Stores the current configuration in permanent memory.
static leases 4 (config-dhcpd-static_leases:4) level c	ommands
clrscrn	Clears the screen.
exit	Exits to the config-dhcpd level.
ip address < <i>IP address</i> >	Sets the reserved IP address.
mac address <hexadecimal></hexadecimal>	Sets the MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
no ip address	Clears the reserved IP address.
no mac address	Removes the MAC Address.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
static leases < <i>number</i> >	Change to dhcpd static lease level.
write	Stores the current configuration in permanent memory.

static leases 5 (config-dhcpd-static_leases:5) level co	mmands
clrscrn	Clears the screen.
exit	Exits to the config-dhcpd level.
ip address <ip address=""></ip>	Sets the reserved IP address.
mac address <hexadecimal></hexadecimal>	Sets the MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
no ip address	Clears the reserved IP address.
no mac address	Removes the MAC Address.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
static leases < <i>number</i> >	Change to dhcpd static lease level.
write	Stores the current configuration in permanent memory.
static leases 6 (config-dhcpd-static_leases:6) level co	mmands
clrscrn	Clears the screen.
exit	Exits to the config-dhcpd level.
ip address	Sets the reserved IP address.
mac address < hexadecimal>	Sets the MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
no ip address	Clears the reserved IP address.
no mac address	Removes the MAC Address.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
static leases < <i>number</i> >	Change to dhcpd static lease level.
write	Stores the current configuration in permanent memory.
static leases 7 (config-dhcpd-static_leases:7) level co	mmands
clrscrn	Clears the screen.
exit	Exits to the config-dhcpd level.
ip address < <i>IP address</i> >	Sets the reserved IP address.
mac address <hexadecimal></hexadecimal>	Sets the MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
no ip address	Clears the reserved IP address.
no mac address	Removes the MAC Address.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
static leases <number></number>	Change to dhcpd static lease level.

static leases 8 (config-dhcpd-static_lease	es:8) level commands
clrscrn	Clears the screen.
exit	Exits to the config-dhcpd level.
ip address <ip address=""></ip>	Sets the reserved IP address.
mac address <hexadecimal></hexadecimal>	Sets the MAC Address. Each byte is represented by two adjacent hex digits. Bytes may run together or be separated by optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the value if it contains spaces.
no ip address	Clears the reserved IP address.
no mac address	Removes the MAC Address.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
static leases <number></number>	Change to dhcpd static lease level.
write	Stores the current configuration in permanent memory.
static route 1 (config-staticroute:1) level of	commands
clrscrn	Clears the screen.
default metric	Restores the metric to default value.
exit	Exits to the config-gateway level.
friendly name <text></text>	Set the friendly name for static route. <text> = friendly name</text>
gateway <ip address=""></ip>	Sets the gateway for static route network.
interface <text></text>	Sets the route interface <text> = interface name</text>
metric < <i>number</i> >	Sets the metric for static route. <number> = metric</number>
network <ip address="" cidr=""></ip>	Sets the IP address and network mask for static route network. Formats accepted: 192.168.1.1 (default mask) 192.168.1.1/24 (CIDR) "192.168.1.1 255.255.255.0" (explicit mask)
no friendly name	Remove the friendly name
no gateway	Clears the gateway for static route network.
no interface	Clears the route interface. The WAN interface is used if no interface is specified.
no network	Clears the IP address for static route network.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
state disable	Disables the static route.
state enable	Enables the static route.
static route < <i>number</i> >	Change to config gateway static route level.
write	Stores the current configuration in permanent memory.
static route 2 (config-staticroute:2) level of	commands
clrscrn	Clears the screen.
default metric	Restores the metric to default value.
exit	Exits to the config-gateway level.
friendly name <text></text>	Set the friendly name for static route. <text> = friendly name</text>

gateway <ip address=""></ip>	Sets the gateway for static route network.
interface <text></text>	Sets the route interface <text> = interface name</text>
metric <number></number>	Sets the metric for static route. <number> = metric</number>
network <ip address="" cidr=""></ip>	Sets the IP address and network mask for static route network. Formats accepted: 192.168.1.1 (default mask) 192.168.1.1/24 (CIDR) "192.168.1.1 255.255.255.0" (explicit mask)
no friendly name	Remove the friendly name
no gateway	Clears the gateway for static route network.
no interface	Clears the route interface. The WAN interface is used if no interface is specified.
no network	Clears the IP address for static route network.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
state disable	Disables the static route.
state enable	Enables the static route.
static route < <i>number</i> >	Change to config gateway static route level.
write	Stores the current configuration in permanent memory.
static route 3 (config-staticroute:3) level commands	
clrscrn	Clears the screen.
default metric	Restores the metric to default value.
exit	Exits to the config-gateway level.
friendly name <text></text>	Set the friendly name for static route. <text> = friendly name</text>
gateway <ip address=""></ip>	Sets the gateway for static route network.
interface <text></text>	Sets the route interface <text> = interface name</text>
metric <number></number>	Sets the metric for static route. <number> = metric</number>
network <ip address="" cidr=""></ip>	Sets the IP address and network mask for static route network. Formats accepted: 192.168.1.1 (default mask) 192.168.1.1/24 (CIDR) "192.168.1.1 255.255.255.0" (ex- plicit mask)
no friendly name	Remove the friendly name
no gateway	Clears the gateway for static route network.
no interface	Clears the route interface. The WAN interface is used if no interface is specified.
no network	Clears the IP address for static route network.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
state disable	Disables the static route.
state enable	Enables the static route.
static route <number></number>	Change to config gateway static route level.
write	Stores the current configuration in permanent memory.
static route 4 (config-staticroute:4) level commands	
clrscrn	Clears the screen.

default metric	Restores the metric to default value.
exit	Exits to the config-gateway level.
friendly name <text></text>	Set the friendly name for static route. <text> = friendly name</text>
gateway <ip address=""></ip>	Sets the gateway for static route network.
interface <text></text>	Sets the route interface <text> = interface name</text>
metric <number></number>	Sets the metric for static route. <number> = metric</number>
network <ip address="" cidr=""></ip>	Sets the IP address and network mask for static route network. Formats accepted: 192.168.1.1 (default mask) 192.168.1.1/24 (CIDR) "192.168.1.1 255.255.255.0" (explicit mask)
no friendly name	Remove the friendly name
no gateway	Clears the gateway for static route network.
no interface	Clears the route interface. The WAN interface is used if no interface is specified.
no network	Clears the IP address for static route network.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
state disable	Disables the static route.
state enable	Enables the static route.
static route < <i>number</i> >	Change to config gateway static route level.
write	Stores the current configuration in permanent memory.
static route 5 (config-staticroute:5) level commands	
static route 5 (config-staticroute:5) level commands clrscrn	Clears the screen.
	Clears the screen. Restores the metric to default value.
clrscrn	
clrscrn default metric	Restores the metric to default value.
clrscrn default metric exit	Restores the metric to default value. Exits to the config-gateway level. Set the friendly name for static route. <text> = friendly</text>
clrscrn default metric exit friendly name <text></text>	Restores the metric to default value. Exits to the config-gateway level. Set the friendly name for static route. <text> = friendly name</text>
clrscrn default metric exit friendly name <text> gateway <ip address=""></ip></text>	Restores the metric to default value. Exits to the config-gateway level. Set the friendly name for static route. <text> = friendly name Sets the gateway for static route network.</text>
clrscrn default metric exit friendly name <text> gateway <ip address=""> interface <text></text></ip></text>	Restores the metric to default value. Exits to the config-gateway level. Set the friendly name for static route. <text> = friendly name Sets the gateway for static route network. Sets the route interface <text> = interface name</text></text>
clrscrn default metric exit friendly name <text> gateway <ip address=""> interface <text> metric <number></number></text></ip></text>	Restores the metric to default value. Exits to the config-gateway level. Set the friendly name for static route. <text> = friendly name Sets the gateway for static route network. Sets the route interface <text> = interface name Sets the metric for static route. <number> = metric Sets the IP address and network mask for static route network. Formats accepted: 192.168.1.1 (default mask) 192.168.1.1/24 (CIDR) "192.168.1.1 255.255.255.0" (ex-</number></text></text>
clrscrn default metric exit friendly name <text> gateway <ip address=""> interface <text> metric <number> network <ip address="" cidr=""></ip></number></text></ip></text>	Restores the metric to default value. Exits to the config-gateway level. Set the friendly name for static route. <text> = friendly name Sets the gateway for static route network. Sets the route interface <text> = interface name Sets the metric for static route. <number> = metric Sets the IP address and network mask for static route network. Formats accepted: 192.168.1.1 (default mask) 192.168.1.1/24 (CIDR) "192.168.1.1 255.255.255.0" (explicit mask)</number></text></text>
clrscrn default metric exit friendly name <text> gateway <ip address=""> interface <text> metric <number> network <ip address="" cidr=""> no friendly name</ip></number></text></ip></text>	Restores the metric to default value. Exits to the config-gateway level. Set the friendly name for static route. <text> = friendly name Sets the gateway for static route network. Sets the route interface <text> = interface name Sets the metric for static route. <number> = metric Sets the IP address and network mask for static route network. Formats accepted: 192.168.1.1 (default mask) 192.168.1.1/24 (CIDR) "192.168.1.1 255.255.255.0" (explicit mask) Remove the friendly name</number></text></text>
clrscrn default metric exit friendly name <text> gateway <ip address=""> interface <text> metric <number> network <ip address="" cidr=""> no friendly name no gateway</ip></number></text></ip></text>	Restores the metric to default value. Exits to the config-gateway level. Set the friendly name for static route. <text> = friendly name Sets the gateway for static route network. Sets the route interface <text> = interface name Sets the metric for static route. <number> = metric Sets the IP address and network mask for static route network. Formats accepted: 192.168.1.1 (default mask) 192.168.1.1/24 (CIDR) "192.168.1.1 255.255.255.0" (explicit mask) Remove the friendly name Clears the gateway for static route network. Clears the route interface. The WAN interface is used if</number></text></text>
clrscrn default metric exit friendly name <text> gateway <ip address=""> interface <text> metric <number> network <ip address="" cidr=""> no friendly name no gateway no interface</ip></number></text></ip></text>	Restores the metric to default value. Exits to the config-gateway level. Set the friendly name for static route. <text> = friendly name Sets the gateway for static route network. Sets the route interface <text> = interface name Sets the metric for static route. <number> = metric Sets the IP address and network mask for static route network. Formats accepted: 192.168.1.1 (default mask) 192.168.1.1/24 (CIDR) "192.168.1.1 255.255.255.0" (explicit mask) Remove the friendly name Clears the gateway for static route network. Clears the route interface. The WAN interface is used if no interface is specified.</number></text></text>
clrscrn default metric exit friendly name <text> gateway <ip address=""> interface <text> metric <number> network <ip address="" cidr=""> no friendly name no gateway no interface no network</ip></number></text></ip></text>	Restores the metric to default value. Exits to the config-gateway level. Set the friendly name for static route. <text> = friendly name Sets the gateway for static route network. Sets the route interface <text> = interface name Sets the metric for static route. <number> = metric Sets the IP address and network mask for static route network. Formats accepted: 192.168.1.1 (default mask) 192.168.1.1/24 (CIDR) "192.168.1.1 255.255.255.0" (explicit mask) Remove the friendly name Clears the gateway for static route network. Clears the route interface. The WAN interface is used if no interface is specified. Clears the IP address for static route network.</number></text></text>
clrscrn default metric exit friendly name <text> gateway <ip address=""> interface <text> metric <number> network <ip address="" cidr=""> no friendly name no gateway no interface no network show</ip></number></text></ip></text>	Restores the metric to default value. Exits to the config-gateway level. Set the friendly name for static route. <text> = friendly name Sets the gateway for static route network. Sets the route interface <text> = interface name Sets the metric for static route. <number> = metric Sets the IP address and network mask for static route network. Formats accepted: 192.168.1.1 (default mask) 192.168.1.1/24 (CIDR) "192.168.1.1 255.255.255.0" (explicit mask) Remove the friendly name Clears the gateway for static route network. Clears the route interface. The WAN interface is used if no interface is specified. Clears the IP address for static route network. Displays the current configuration. Displays the last 20 commands entered during the current</number></text></text>
clrscrn default metric exit friendly name <text> gateway <ip address=""> interface <text> metric <number> network <ip address="" cidr=""> no friendly name no gateway no interface no network show show history</ip></number></text></ip></text>	Restores the metric to default value. Exits to the config-gateway level. Set the friendly name for static route. <text> = friendly name Sets the gateway for static route network. Sets the route interface <text> = interface name Sets the metric for static route. <number> = metric Sets the IP address and network mask for static route network. Formats accepted: 192.168.1.1 (default mask) 192.168.1.1/24 (CIDR) "192.168.1.1 255.255.255.0" (explicit mask) Remove the friendly name Clears the gateway for static route network. Clears the route interface. The WAN interface is used if no interface is specified. Clears the IP address for static route network. Displays the last 20 commands entered during the current CLI session.</number></text></text>
clrscrn default metric exit friendly name <text> gateway <ip address=""> interface <text> metric <number> network <ip address="" cidr=""> no friendly name no gateway no interface no network show show history state disable</ip></number></text></ip></text>	Restores the metric to default value. Exits to the config-gateway level. Set the friendly name for static route. <text> = friendly name Sets the gateway for static route network. Sets the route interface <text> = interface name Sets the metric for static route. <number> = metric Sets the IP address and network mask for static route network. Formats accepted: 192.168.1.1 (default mask) 192.168.1.1/24 (CIDR) "192.168.1.1 255.255.255.0" (explicit mask) Remove the friendly name Clears the gateway for static route network. Clears the route interface. The WAN interface is used if no interface is specified. Clears the IP address for static route network. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Disables the static route.</number></text></text>

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es the metric to default value.
the config-gateway level.
friendly name for static route. <text> = friendly</text>
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e route interface <text> = interface name</text>
e metric for static route. <number> = metric</number>
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the IP address for static route network.
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e to config gateway static route level.
the current configuration in permanent memory.
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es the metric to default value.
the config-gateway level.
friendly name for static route. <text> = friendly</text>
e gateway for static route network.
e route interface <text> = interface name</text>
e metric for static route. <number> = metric</number>
e IP address and network mask for static route k. Formats accepted: 192.168.1.1 (default mask) 8.1.1/24 (CIDR) "192.168.1.1 255.255.255.0" (ex- ask)
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the route interface. The WAN interface is used if rface is specified.
the IP address for static route network.
s the current configuration.
rs the last 20 commands entered during the current ssion.

	I
state disable	Disables the static route.
state enable	Enables the static route.
static route <number></number>	Change to config gateway static route level.
write	Stores the current configuration in permanent memory.
static route 8 (config-staticroute:8) level commands	
clrscrn	Clears the screen.
default metric	Restores the metric to default value.
exit	Exits to the config-gateway level.
friendly name <text></text>	Set the friendly name for static route. <text> = friendly name</text>
gateway <ip address=""></ip>	Sets the gateway for static route network.
interface <text></text>	Sets the route interface <text> = interface name</text>
metric <number></number>	Sets the metric for static route. <number> = metric</number>
network <ip address="" cidr=""></ip>	Sets the IP address and network mask for static route network. Formats accepted: 192.168.1.1 (default mask) 192.168.1.1/24 (CIDR) "192.168.1.1 255.255.255.0" (explicit mask)
no friendly name	Remove the friendly name
no gateway	Clears the gateway for static route network.
no interface	Clears the route interface. The WAN interface is used if no interface is specified.
no network	Clears the IP address for static route network.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
state disable	Disables the static route.
state enable	Enables the static route.
static route < <i>number</i> >	Change to config gateway static route level.
write	Stores the current configuration in permanent memory.
syslog (config-syslog) level commands	
clrscrn	Clears the screen.
default remote port	Restores the default syslog remote port.
default severity log level	No logging.
exit	Returns to the config level.
host <text></text>	Sets the address of the syslog recipient. <text> = IP address or name of the host.</text>
no host	Removes the address of the syslog recipient.
remote port < <i>number</i> >	Sets the syslog remote port. <number> = number of the remote port used when making a syslog connection.</number>
severity log level alert	Log only Alert and more severe events.
severity log level critical	Log only Critical and more severe events.
severity log level debug	Log all events.
severity log level emergency	Log only Emergency events.
severity log level error	Log only Error and more severe events.
severity log level information	Log only Information and more severe events.
<u> </u>	

severity log level none	No logging.
severity log level notice	Log only Notice and more severe events.
severity log level warning	Log only Warning and more severe events.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	Displays the syslog statistics.
state disable	Disables syslog logging.
state enable	Enables syslog logging.
write	Stores the current configuration in permanent memory.
telnet (config-cli-telnet) level commands	
authentication disable	No password required for Telnet users.
authentication enable	Challenges the Telnet user with a password.
clrscrn	Clears the screen.
default max sessions	Restores the default maximum allowed concurrent incoming Telnet sessions.
default port	Restores the default local port to the Telnet server.
exit	Exits to the CLI level.
max sessions < <i>number</i> >	Sets the maximum allowed concurrent incoming Telnet sessions. <number> = number of sessions.</number>
port < <i>number</i> >	Sets the local port that the Telnet server uses. <number> = local port number.</number>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	Displays the Telnet statistics.
state disable	Disables the Telnet Server.
state enable	Enables the Telnet Server.
write	Stores the current configuration in permanent memory.
terminal 1 (config-terminal:1) level commands	
break duration < milliseconds >	Sets how long a break should last when it is being sent to the line. <milliseconds> = number of milliseconds.</milliseconds>
clrscrn	Clears the screen.
default break duration	Restores the break duration to the default value (500 ms).
default terminal type	Sets the default terminal type, "UNKNOWN".
echo disable	Disables echoing of characters received on the line back to the line.
echo enable	Enables echoing of characters received on the line back to the line.
exit	Exits to the configuration level.
exit connect menu disable	On the login connect menu, removes the menu item allowing the user to exit to the CLI.
exit connect menu enable	On the login connect menu, inserts the menu item allowing the user to exit to the CLI.
line <line></line>	Enters the line level. line> = number of the line (serial port) to be configured.

login connect menu disable	Disables the login connect menu, so a user will get the CLI immediately after logging in.
login connect menu enable	Enables the login connect menu, so a user will get the menu rather than the CLI immediately after logging in.
no send break	Removes the configured send break character.
preview connect menu	Shows the layout of the connect menu with current settings.
send break <control></control>	Sets the optional send break character. <text> = the character. The character may be input as text, control, decimal, or hex. A control character has the form <control>C. A decimal value character has the form \99. A hex value character has the form 0xFF.</control></text>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
terminal < <i>line</i> >	Enters the configure-terminal level. <line> = number of the terminal line (serial port) to be configured.</line>
terminal network	Enters the configure-terminal level for the network.
terminal type <text></text>	Sets the terminal type.
tunnel < <i>line</i> >	Enters the tunnel level. line> = number of the tunnel line (serial port) to be configured.
write	Stores the current configuration in permanent memory.
terminal 2 (config-terminal:2) level commands	
break duration <milliseconds></milliseconds>	Sets how long a break should last when it is being sent to the line. <milliseconds> = number of milliseconds.</milliseconds>
clrscrn	Clears the screen.
default break duration	Restores the break duration to the default value (500 ms).
default terminal type	Sets the default terminal type, "UNKNOWN".
echo disable	Disables echoing of characters received on the line back to the line.
echo enable	Enables echoing of characters received on the line back to the line.
exit	Exits to the configuration level.
exit connect menu disable	On the login connect menu, removes the menu item allowing the user to exit to the CLI.
exit connect menu enable	On the login connect menu, inserts the menu item allowing the user to exit to the CLI.
line <line></line>	Enters the line level. line> = number of the line (serial port) to be configured.
login connect menu disable	Disables the login connect menu, so a user will get the CLI immediately after logging in.
login connect menu enable	Enables the login connect menu, so a user will get the menu rather than the CLI immediately after logging in.
no send break	Removes the configured send break character.
preview connect menu	Shows the layout of the connect menu with current settings.
send break <control></control>	Sets the optional send break character. <text> = the character. The character may be input as text, control, decimal, or hex. A control character has the form <control>C. A decimal value character has the form \99. A hex value</control></text>

	character has the form 0xFF.
ahow	
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
terminal < <i>line</i> >	Enters the configure-terminal level. line> = number of the terminal line (serial port) to be configured.
terminal network	Enters the configure-terminal level for the network.
terminal type <text></text>	Sets the terminal type.
tunnel < <i>line</i> >	Enters the tunnel level. line> = number of the tunnel line (serial port) to be configured.
write	Stores the current configuration in permanent memory.
terminal network (config-terminal:network) level comm	nands
break duration < <i>milliseconds</i> >	Sets how long a break should last when it is being sent to the line. <milliseconds> = number of milliseconds.</milliseconds>
clrscrn	Clears the screen.
default break duration	Restores the break duration to the default value (500 ms).
default terminal type	Sets the default terminal type, "UNKNOWN".
echo disable	Disables echoing of characters received on the line back to the line.
echo enable	Enables echoing of characters received on the line back to the line.
exit	Exits to the configuration level.
exit connect menu disable	On the login connect menu, removes the menu item allowing the user to exit to the CLI.
exit connect menu enable	On the login connect menu, inserts the menu item allowing the user to exit to the CLI.
line <line></line>	Enters the line level. line> = number of the line (serial port) to be configured.
login connect menu disable	Disables the login connect menu, so a user will get the CLI immediately after logging in.
login connect menu enable	Enables the login connect menu, so a user will get the menu rather than the CLI immediately after logging in.
no send break	Removes the configured send break character.
preview connect menu	Shows the layout of the connect menu with current settings.
send break <control></control>	Sets the optional send break character. <text> = the character. The character may be input as text, control, decimal, or hex. A control character has the form <control>C. A decimal value character has the form \99. A hex value character has the form 0xFF.</control></text>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
terminal <line></line>	Enters the configure-terminal level. line> = number of the terminal line (serial port) to be configured.
terminal network	Enters the configure-terminal level for the network.
terminal type <text></text>	Sets the terminal type.
tunnel < <i>line</i> >	Enters the tunnel level. line> = number of the tunnel line (serial port) to be configured.

write	Stores the current configuration in permanent memory.
traps (config-snmp-traps) level commands	
authentication password <text></text>	Sets password used for authentication for traps.
authentication protocol md5	Uses MD5 for authentication for traps.
authentication protocol sha	Uses SHA for authentication for traps.
clrscrn	Clears the screen.
community <text></text>	Sets the SNMP trap community string. <text> = name of</text>
	the trap community string to be set.
default authentication protocol	Restores to default SNMPv3 authentication method: MD5 for traps.
default community	Restores the SNMP trap community to default: public
default privacy protocol	Restores to default SNMPv3 privacy encryption method: DES for traps.
default security	Restores to default SNMPv3 security method: Authentication, No Privacy for traps.
default version	Restores to default SNMP version v2c for traps.
exit	Exits to the next higher level.
no authentication password	Clears authentication password for traps.
no primary destination	Deletes the primary SNMP trap host.
no privacy password	Clears privacy password for traps.
no secondary destination	Deletes the secondary SNMP trap host.
no username	Clears SNMPv3 username for traps.
primary destination <text></text>	Sets the primary SNMP trap host. <text> = IP address or hostname of SNMP trap receiver.</text>
privacy password <text></text>	Sets password used for privacy encryption for traps.
privacy protocol aes	Uses AES for privacy encryption for traps.
privacy protocol des	Uses DES for privacy encryption for traps.
secondary destination < text>	Sets the secondary SNMP trap host. <text> = IP address or hostname of SNMP trap receiver.</text>
security authentication and privacy	Authentication and Privacy for traps.
security authentication but no privacy	Authentication, No Privacy for traps.
security no authentication and no priv	No Authentication, No Privacy for traps.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
username <text></text>	Sets SNMPv3 username for traps.
version snmpv1	Uses SNMPv1 for traps.
version snmpv2c	Uses SNMPv2c for traps.
version snmpv3	Uses SNMPv3 for traps.
write	Stores the current configuration in permanent memory.
trusted authorities (ssl-auth) level commands	
add	Adds an Authority Certificate.
clrscrn	Clears the screen.
exit	Exits to the ssl level.
no intermediate authority <cert></cert>	Removes an Intermediate Authority Certificate. <cert> =</cert>

	index displayed by "show authority" command.
no trusted authority <i><cert></cert></i>	Removes a Trusted Authority Certificate. <cert> = index</cert>
no trusted authority (cert)	displayed by "show authority" command.
show	Displays Authority Certificate Information.
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
tunnel 1 (tunnel:1) level commands	
accept	Enters the accept level for this tunnel.
auto show statistics	show connection statistics
clear counters	Zeros all tunnel counters
clrscrn	Clears the screen.
connect	Enters the connect level for this tunnel.
disconnect	Enters the disconnect level for this tunnel.
exit	Exits to the enable level.
line <line></line>	Enters the line level. line> = number of the line (serial port) to be configured.
modem	Enters the modem level for this tunnel.
no clear counters	Unzeros all tunnel counters
packing	Enters the packing level for this tunnel.
serial	Enters the serial level for this tunnel.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	show connection statistics
terminal	Enters the configure-terminal level. line> = number of the terminal line (serial port) to be configured.
terminal network	Enters the configure-terminal level for the network.
tunnel <line></line>	Enters the tunnel level. line> = number of the tunnel line (serial port) to be configured.
write	Stores the current configuration in permanent memory.
tunnel 2 (tunnel:2) level commands	
accept	Enters the accept level for this tunnel.
auto show statistics	show connection statistics
clear counters	Zeros all tunnel counters
clrscrn	Clears the screen.
connect	Enters the connect level for this tunnel.
disconnect	Enters the disconnect level for this tunnel.
exit	Exits to the enable level.
line <line></line>	Enters the line level. line> = number of the line (serial port) to be configured.
modem	Enters the modem level for this tunnel.
no clear counters	Unzeros all tunnel counters
packing	Enters the packing level for this tunnel.
serial	Enters the serial level for this tunnel.
show history	Displays the last 20 commands entered during the current

	CLI session.
show statistics	show connection statistics
terminal	Enters the configure-terminal level. line> = number of the terminal line (serial port) to be configured.
terminal network	Enters the configure-terminal level for the network.
tunnel <line></line>	Enters the tunnel level. line> = number of the tunnel line (serial port) to be configured.
write	Stores the current configuration in permanent memory.
wwan0 link state change (config-action:wwan0	link state change) level commands
clrscrn	Clears the screen.
default delay	Resets alarm processing delay to its default value.
delay <seconds></seconds>	Sets the delay in processing the alarm. Alarm actions will not be executed if the cause is corrected within this time.
email	Enters the next lower level.
exit	Exits to the config alarm level.
ftp put	Enters the next lower level.
gprs roaming	Enters the next lower level.
http post	Enters the next lower level.
relay	Enters the next lower level.
send sms	Enters the next lower level.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show status	Displays statistics.
snmp trap	Enters the next lower level.
write	Stores the current configuration in permanent memory.
xml (xml) level commands	
clrscrn	Clears the screen.
exit	Exits to the enable level.
secret xcr dump	Dump XML configuration containing secrets to the console
secret xcr dump < group list>	Dump specified XML configuration containing secrets to the console
secret xcr export <file></file>	Save XML configuration containing secrets to a file
secret xcr export <file> <group list=""></group></file>	Save specified XML configuration containing secrets to a local file
show history	Displays the last 20 commands entered during the current CLI session.
write	Stores the current configuration in permanent memory.
xcr dump	Dump XML configuration to the console
xcr dump < <i>group list</i> >	Dump specified XML configuration to the console
xcr export <file></file>	Save XML configuration to a file
xcr export <file> <group list=""></group></file>	Save specified XML configuration to a local file
xcr import <file></file>	Load XML configuration from a local file
xcr import <file> <group list=""></group></file>	Load specified XML configuration from a local file

xcr list	List XML Configuration Record groups to the console
xsr dump	Dump XML Status Records to the console
xsr dump <group list=""></group>	Dump specified XML Status Records to the console
xsr export <file></file>	Save XML Status Record to a file
xsr export <file> <group list=""></group></file>	Save specified XML Status Record to a local file
xsr list	List XML Status Record groups to the console