



SGX 5150 IoT Device Gateway Command Reference

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Revision History

Date	Rev.	Comments
October 2016	Α	Initial document with firmware revision 8.0.0.0.
November	В	Updated document to include firmware features of all models of the SGX 5150 IoT device gateway.

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1: About This Guide

This document describes how to configure the Lantronix® SGX 5150 IoT device 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 the content of each chapter.

Chapter	Summary
2: Overview	Gives an overview of CLI and XML.
3: Command Line Interface	Lists commands and describes how to use CLI to configure the SGX 5150 IoT device gateway.
4: Configuration Using XML	Lists XML Configuration Record (XCR) groups and items and describes how to use XCRs to configure the SGX 5150 IoT device gateway.
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.
Square 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 be 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	CLI terminal sessions and examples of CLI input are depicted in courier new font.

Additional Documentation

Visit the Lantronix website at www.Lantronix.com/support/documentation for all latest Lantronix documentation which includes the latest versions of the SGX 5150 IoT device gateway-related documentation listed below.

Document	Description
SGX 5150 IoT Device Gateway User Guide	Describes how to configure and use the SGX 5150 IoT device gateway.
SGX 5150 IoT Device Gateway Product Brief	Provides key feature, SKU option, technical specifications, and order information about the SGX 5150 IoT device gateway.
Com Port Redirector Quick Start and Online Help	Instructions for using the Lantronix Windows® operating system (OS) -based utility to create virtual com ports.
DeviceInstaller Online Help	Instructions for using the Lantronix Windows OS-based utility to locate and view the current settings of the SGX 5150 IoT device gateway.

2: Overview

The SGX 5150 IoT device gateway supports three convenient configuration methods: Web Manager, CLI, and XML. For more information about Web Manager, see the SGX 5150 IoT Device Gateway User Guide available at www.Lantronix.com/support/documentation.

XML Architecture and Device Control

XML is a fundamental building block for Machine-to-Machine (M2M) and Internet of Things (IoT) networks. The SGX 5150 IoT device gateway supports XML configuration records that make configuring the SGX 5150 unit 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 4: Configuration Using XML. It provides guidelines for basic XML syntax, the specific XML tags used, and XML configuration records.

Command Line Interface

Making the edge-to-enterprise vision a reality, the SGX 5150 IoT device gateway uses industry-standard tools for configuration, communication, and control. For example, the SGX 5150 IoT device gateway 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 *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 SGX 5150 IoT device gateway.

3: Command Line Interface

This chapter describes accessing the SGX 5150 IoT device gateway by using Telnet, SSH, or serial ports to configure the device, navigating the CLI, typing keyboard shortcuts, and moving between the levels.

It contains the following sections:

- Configuration Using Telnet
- Configuration Using the Serial Lines
- 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 SGX 5150 IoT device 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 Lantronix® DeviceInstaller™ utility. See the DeviceInstaller Online Help for more information.

To access the SGX 5150 IoT device 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**.
- Type telnet x.x.x.x (x.x.x is the IP address) in a Windows/Linux command prompt.
- 4. The SGX 5150 IoT device gateway 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 the Serial Lines

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 Level command description for more information.

Serial Recovery

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

To configure the SGX 5150 IoT device gateway locally using a serial port:

- 1. Connect a terminal or a PC running a terminal emulation program to one of the device's serial ports.
- 2. Configure the terminal to the following settings:
 - 9600 baud
 - ♦ 8-bit
 - No parity
 - 1 stop bit
 - No flow control.
- 3. Power off the device.
- 4. Press and hold down the exclamation point (!) key.
- 5. Power on the device. After about 10 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 line level, type line <number> at the enable prompt. This displays: <enable> line <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.
- 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: </l></l></l></
- ◆ To view available commands and their explanations for a partial command—Type the partial command followed by the asterisk (*). For example: 1>#show* displays a list of all show commands and descriptions at the line level.
- To view the last 20 commands entered at the CLI—Type show history.

Using Keyboard Shortcuts and CLI

One useful shortcut built into the SGX 5150 IoT device 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, network specific status and configuration commands are found under the "configuration" level.

An overview of the levels in the SGX 5150 IoT device gateway is presented in *Figure 3-2 CLI Level Hierarchy*.

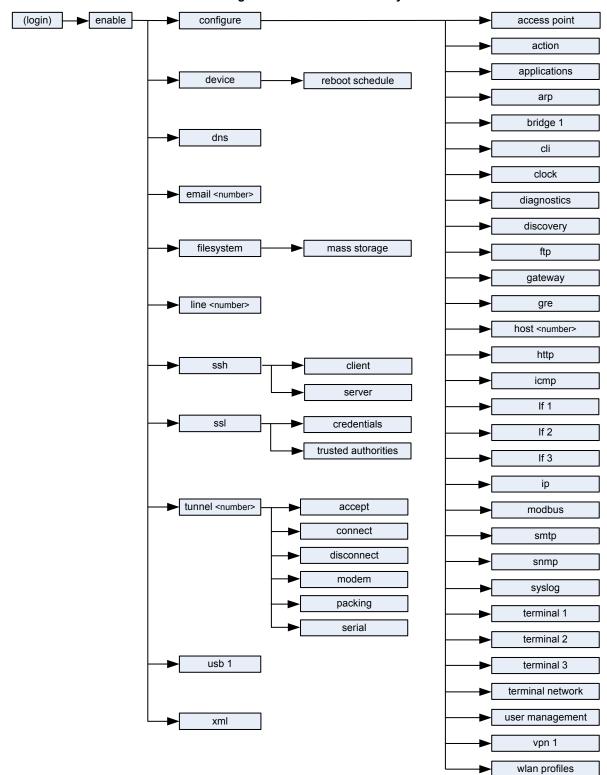


Figure 3-2 CLI Level Hierarchy

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

```
sgx5150-0080a3a0bcda>?
clrscrn
                                                                                 exit
iperf <params>
                                                                                 ping <host>
ping <host> <count>
                                                                                ping <host> <count> <timeout>
ping6 <host>
                                                                                ping6 <host> <count>
ping6 <host> <count> <timeout>
                                                                                show
show history
                                                                                show lines
show routes
                                                                                show rules
tcpdump <parameters>
                                                                                trace route <host>
trace route <host>                                                                                                                                                                                                                                                                                                                                                  
                                                                                enable
sgx5150-0080a3a0bcda>
```

Note: To configure the SGX 5150 IoT device gateway, you must be in the enable level and any of its sub-levels. Figure 3-4 Enable Level Commands below shows the enable level commands.

Figure 3-4 Enable Level Commands

```
sgx5150-0080a3a0bcda>enable
sgx5150-0080a3a0bcda(enable)#?
auto show interfaces
                                                          auto show processes
                                                          configure
clrscrn
connect
                                                          connect line <line>
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>
                                                        ping6 <host>
ping6 <host> <count>
                                                         ping6 <host> <count> <timeout>
reload
                                                         reload factory defaults
show
                                                          show history
show interfaces
                                                          show ip sockets
show lines
                                                          show processes
show routes
                                                          show rules
show sessions
                                                          ssh
ssh <optClientUsername> <host>
                                                          ssh <optClientUsername> <host> <port>
ssl
                                                          tcpdump <parameters>
telnet <host>
                                                          telnet <host> <port>
trace route <host>
                                                          trace route <host>                                                                                                                                                                                                                                                                                                                                                  
tunnel <line>
                                                          usb <line>
                                                          xml
write
sgx5150-0080a3a0bcda(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 SGX 5150 IoT device gateway provides an XML interface that you can use to configure SGX 5150 IoT device gateways. Every configuration setting that can be issued from the gateway's Web Manager interface and CLI can be specified using XML.

The SGX 5150 IoT device 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, or FTP. An XCR can contain many configuration settings or just a few. For example, it might change all of the configurable parameters for a SGX 5150 IoT device 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 SGX 5150 IoT device gateways.

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>
<!ATTLIST value name CDATA #IMPLIED>
```

The SGX 5150 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.

Notes:

- 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 SGX 5150 IoT Device Gateway User Guide (available at www.Lantronix.com/support/documentation) 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 XML Example shows an XML example which consists of a declaration (first line), nested elements with attributes and content.

Figure 4-2 XML Example

The SGX 5150 IoT device gateway 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, a value 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>, <configreup>, <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

```
<configrecord version="0.1.0.0T0">
   <configgroup name="device">
      <configitem name="short name">
         <value>sgx5150</value>
      </configitem>
      <configitem name="long name">
         <value>Lantronix SGX5150</value>
      </configitem>
      <configitem name="serial number">
         <value>0080A3946149
      </configitem>
      </configitem><configitem name="firmware version">
         <value>8.0.0.0R31</value>
      </configitem><configitem name="lantronix iot gateway os version">
        <value>1.0</value>
      </configitem>
   </configgroup>
```

Figure 4-6 XML Example with Multiple Groups

```
<configrecord version="0.1.0.0T0">
   <configgroup name="diagnostics">
      <configitem name="log">
         <value name="output">Disable
      </configitem>
   </configgroup>
   <configgroup name="discovery">
     <configitem name="state">
         <value>enable</value>
     </configitem>
      <configitem name="upnp state">
         <value>enable</value>
     </configitem>
      <configitem name="upnp port">
         <value>30179</value>
      </configitem>
   </configgroup>
   <configgroup name="ethernet" instance="eth0">
      <configitem name="speed">
         <value>Auto</value>
      </configitem>
      <configitem name="duplex">
         <value>Auto</value>
      </configitem>
   </configgroup>
   <configgroup name="ftp server">
      <configitem name="state">
         <value>enable</value>
      </configitem>
   </configgroup>
```

Importing and Exporting an XML Configuration File

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

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. The SGX 5150 IoT device 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 from an external source such as your local hard drive.

FTP

The SGX 5150 IoT device gateway FTP server can export and import XCRs when an FTP get or put command on the filename (sgx5150.xcr for export, $sgx5150_import.xcr$ for import; both are under the **pwxcr** directory) is requested. On export (FTP get of sgx5150.xcr), the FTP server obtains the current XCR from the SGX 5150 IoT device gateway and sends it as a file. On import (FTP put of $sgx5150_import.xcr$), the FTP server processes the file by sending it directly to the XML engine. In both cases the SGX 5150 file system is not accessed. The files sgx5150.xcr and $sgx5150_import.xcr$ are not read from or written to the file system. See the FTP section in the SGX 5150 IoT Device Gateway User Guide (available at www.Lantronix.com/support/documentation.)

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 Web. See *Importing and Exporting an XML Configuration File* above to import and export using Web Manager, the CLI or FTP.

Caution:

Using Microsoft Word to edit and save an XCR will change the format of the file and make it incompatible with the SGX 5150 IoT device 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.

Exporting

Using the Web Manager interface, select from "Lines to Export" and "Groups to Export" filters and select from either "Export to Browser" or "Download (from link)" option. Save the output to your local file system.

Importing

Modify the exported file by removing "configgroup" records and filling in any required secret data such as passwords, and private keys. Using the Web Manager, import the updated clone by uploading it from your local file system.

XML Configuration Groups

Table 4-7 lists the supported SGX 5150 XML configuration record (XCR) groups, items, and possible value names and options in alphabetical order.

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 Info
access point	state		enable, disable	
	ip address			
	network name			
	suite			
	passphrase			
action	delay			
attribute of an "instance" is "eth0	email	alarm email		
link state change",		alarm message		
"on scheduled reboot", "usb0 link		alarm reminder interval		
state change", "wlan0 link state		normal email		
change"		normal message		
		normal reminder interval		
	ftp put	reminder interval		
		mode		
		connection 1 host		
		connection 1 port		
		connection 1 filename		
		connection 1 protocol		
		connection 1 username		
		connection 1 password		
		connection 2 host		

Group Name	Group Item	Value Name	Value Options	Additional Info
action	ftp put	connection 2 port		
attribute of an "instance" is "eth0	(continued)	connection 2 filename		
link state change", "on scheduled reboot", "usb0 link		connection 2 protocol		
state change", "wlan0 link state		connection 2 username		
change" (continued)		connection 2 password		
	http post	reminder interval		
		connection 1 host		
		connection 1 port		
		connection 1 url		
		connection 1 protocol		
		connection 1 username		
		connection 1 password		
		connection 2 host		
		connection 2 port		
		connection 2 url		
		connection 2 protocol		
		connection 2 username		
		connection 2 password		
	snmp trap	state		
		reminder interval		
		alarm message		
		normal message		
applications	python	state		
	(Attribute of an instance is a	filename		
	number.)	parameters		
	·	output		
		onstart		
		onshutdown		
arp	arp delete	ip address		
	arp entry	ip address		
		mac address		

Group Name	Group Item	Value Name	Value Options	Additional Info
bridge	state		enable, disable	
("Instance" attribute	transparent mode			
is "br0")	bridging mac address			
	bridging ip address		<control>< td=""><td></td></control><>	
	auto detect ip address			
	bridging ipv6 address		<control>< td=""><td></td></control><>	
	ethernet interface			
cli	enable level password			
	quit connect line		<control>< td=""><td></td></control><>	
	inactivity timeout			
	line authentication		enable, disable	
clock time and zone	time zone	zone		
		offset		
	time set	hours		
		minutes		
		seconds		
		day of month		
		month		
		year		
clock	synchronization method		manual, SNTP	
	ntp	server (0.pool.ntp.org)		
device	short name			
	long name			
	serial number			
	firmware version			
	lantronix iot gateway os version			

Group Name	Group Item	Value Name	Value Options	Additional Info
dhcp server	state			
	ipv6 state			
	start ip address			
	start ipv6 address			
	end ip address			
	end ipv6 address			
	lease time			
	static leases	mac address		
	(Attribute of an	ip address		
	instance is a number.)	ipv6 address		
diagnostics	log	output		
		max length		
discovery	state		enable, disable	
	upnp state		enable, disable	
	upnp port			
email	to			
(Attribute of an instance is a	СС			
number.)	reply to			
	subject			
	message file			
	priority			
ethernet	speed			
("Instance" attribute is "eth0")	duplex			
filesystem	mass storage	usb auto mount		
ftp server	state		enable, disable	
gateway	wan	operating mode		
		firewall		
		mac address filter		
		wan interface		
		router ip address		
		router ipv6 address		
		primary dns		
		secondary dns		

Group Name	Group Item	Value Name	Value Options	Additional Info
gateway	port forwarding	state		
(continued)	(Attribute of an	friendly name		
	instance is a number.)	port or range		
	Trainicon,	target port		
		protocol		
		ingress ip address		
		ip address		
gre	name			
	state		enable, disable	
	ip address			
	mtu			
	local network			
	remote host			
	remote network			
host	name			
(Attribute of an	protocol			
instance is a number.)	ssh username			
	remote address			
	remote port			
http authentication	user delete	name		
uri	realm			
	type	digest		
	user	password		
	(Attribute of an instance is "admin".)			
http server	state		enable, disable	
	port			
	https state		enable, disable	
	secure port			
	secure protocols		TLS1.0, TLS1.1, TLS1.2	
	secure credentials			
	max timeout			
	max bytes			
	logging state		enable, disable	
	max log entries			
	log format			
	authentication timeout			
icmp	state		enable, disable	

Group Name	Group Item	Value Name	Value Options	Additional Info
input filters	mac address			
(Attribute of an instance is a number.)	action			
interface	state		enable, disable	
("Instance"	ipv4 state		enable, disable	
attributes are "eth0", "usb0", and "wlan0")	dhcp		disable, enable	
,	priority			
	ip address		<none></none>	
	default gateway		<none></none>	
	ipv6 state		enable, disable	
	ipv6 dhcp		enable, disable	
	ipv6 auto configure		enable, disable	
	ipv6 address		<none></none>	
	ipv6 default gateway		<none></none>	
	ipv6 domain			
	ipv6 primary dns		<none></none>	
	ipv6 secondary dns		<none></none>	
	hostname			
	domain			
	dhcp client id			
	primary dns		<none></none>	
	secondary dns		<none></none>	
	mtu			
ip	ip time to live			
	multicast time to live			

Group Name	Group Item	Value Name	Value Options	Additional Info
line (Attribute of an	name			
instance is a number.)	state		enable, disable	
number.)	protocol			
	baud rate			
	parity			
	data bits			
	stop bits			
	flow control			
	xon char		<none></none>	
	xoff char		<none></none>	
	gap timer		<none></none>	
	threshold			
modbus	tcp server state		enable, disable	
	additional port		<none></none>	
	response timeout			
network failover	state		enable, disable	
(Attribute of an instance is "eth0",	hostname			
"usb0", and	method			
"wlan0".)	timeout			
	interval			
	failover threshold			
	failback threshold			
	failover intergface			
qos	state		enable, disable	
(Attribute of an instance is "eth0",	import filters		enable, disable	
"usb0", and	uplink data speed			
"wlan0".)	filter	mac address		
	(Attribute of an instance is a	network		
	number.)	ports		
	·	priority		
reboot schedule	state		enable, disable	
	schedule			
	hours			
	minutes			
	interval			
	unit			

Group Name	Group Item	Value Name	Value Options	Additional Info
routing protocols	rip	state		
		version		
		update interval		
		timeout interval		
		gc interval		
	ospf	state		
		hello interval		
		dead interval		
serial command	mode		enable, disable	
mode (Attribute of an instance is a	echo serial string		enable, disable	
number.)	serial string			
	signon message			
	wait time			
smtp	from address			
	server address			
	server port			
	username			
	password			
	overriding domain			
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			

Group Name	Group Item	Value Name	Value Options	Additional Info
snmp	traps	community		
(continued)		primary destination		
		secondary		
		destination		
		version		
		username		
		security		
		authentication protocol		
		authentication password		
		privacy protocol		
		privacy password		
ssh client	delete known hosts		enable, disable	
	known host delete	name		
	known host	public rsa key		
		public dsa key		
	delete client users		enable, disable	
	client user delete	name		
	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		
ssh	state		enable, disable	
	port			
	max sessions			

Group Name	Group Item	Value Name	Value Options	Additional Info
ssl	credentials	rsa certificate		
		rsa certificate type		
		rsa pfx password		
		rsa private key		
		rsa private key type		
		rsa private key pfx password		
		dsa certificate		
		dsa certificate type		
		dsa pfx password		
		dsa private key		
		dsa private key type		
		dsa private key pfx password		
		credential type		
	trusted authority	certificate		
		certificate type		
		pfx password		
	intermediate authority	certificate		
		certificate type		
		pfx password		
	delete all credentials		enable, disable	
	delete all cas		enable, disable	
syslog	state		enable, disable	
	host			
	remote port			
	severity log level			
telnet	state		enable, disable	
	port			
	max sessions			
	authentication		enable, disable	
terminal ("Instance"	terminal type			
attribute is a number or	login connect menu		enable, disable	
"network")	exit connect menu		enable, disable	
	send break		<none></none>	
	break duration			
	echo		enable, disable	

Group Name	Group Item	Value Name	Value Options	Additional Info
tunnel accept	accept mode			
Attribute of an	local port			
nstance is a number.)	protocol			
,	credentials			
	tcp keep alive			
	aes encrypt key			
	aes decrypt key			
	initial send			
	start character		<none></none>	
	flush start character		enable, disable	
	flush serial		enable, disable	
	block serial		enable, disable	
	block network		enable, disable	
	password	password		
		prompt		
	email connect		<none></none>	
	email disconnect		<none></none>	

Group Name	Group Item	Value Name	Value Options	Additional Info
tunnel connect	connect mode		enable, disable	
(Attribute of an instance is a number.)	start character		<control>B</control>	
	flush start character		enable, disable	
	local port		<random> ;</random> 	
	host	address		
	(Attribute of an	port	<none></none>	
	instance is a number.)	protocol		
	,	ssh username		
		credentials		
		validate certificate	enable, disable	
		tcp user timeout		
		tcp keep alive		
		aes encrypt key		
		aes decrypt key		
		initial send		
	host mode			
	reconnect time			
	flush serial		enable, disable	
	block serial		enable, disable	
	block network		enable, disable	
	email connect		<none></none>	
	email disconnect		<none></none>	
tunnel disconnect	stop character		<none></none>	
(Attribute of an instance is a	flush stop character		enable, disable	
number.)	modem control		enable, disable	
	timeout			
	flush serial		enable, disable	
tunnel modem	echo pluses		enable, disable	
(Attribute of an instance is a	echo commands		enable, disable	
number.)	verbose response		enable disable	
	response type			
	error unknown commands		enabled, disabled	
	incoming connection			
	connect string			
	display remote ip		enable, disable	

Group Name	Group Item	Value Name	Value Options	Additional Info
tunnel packing	packing mode		enable, disable	
(Attribute of an	timeout			
instance is a number.)	threshold			
,	send character		<control></control>	
	trailing character		<none></none>	
tunnel serial (Attribute of an instance is a number.)	dtr		<none></none>	
usb line	name			
(Attribute of an	interface			
instance is a number.)	state		enable, disable	
,	protocol			
	gap timer		<none></none>	
	threshold			
	line mode			
user management	admin password			
virtual ip	state		enable, disable	
(Attribute of an instance is a	name			
number.)	ip address			
,	lan ip address			

Group Name	Group Item	Value Name	Value Options	Additional Info
vpn	connection name			
(Attribute of an instance is a number.)	state		enable, disable	
	connection type			
,	authentication mode			
	remote peer type			
	mode configuration		enable, disable	
	type			
	interface			
	remote endpoint			
	remote subnet			
	remote id			
	remote next hop			
	local subnet			
	local id			
	local next hop			
	perfect forward secrecy		enable, disable	
	psk			
	local key length			
	remote rsa key			
	remote key			
	username			
	password			
	aggressive mode		enable, disable	
	nat traversal		enable, disable	
	ike encryption			
	ike authentication			
	ike dh group			
	ike life time			
	esp encryption			
	esp authentication			
	esp dh group			
	sa life time			
	unreachable host	host		
	detection	ping interval		
		max tries		

Group Name	Group Item	Value Name	Value Options	Additional Info
wlan profile	profile type			
	interface			
	priority			
	bssid			
	basic	network name		
		state	enable, disable	
	security	suite		
		key type		
		passphrase		
		wep authentication		
		wep key size		
		wep tx key index		
		wep key 1		
		wep key 2		
		wep key 3		
		wep key 4		
		wpax authentication		
		wpax pmf	disabled, optional, required	
		wpax key		
		wpax ieee 802.1x		
		wpax eap-ttls option		
		wpax peap option		
		wpax fast option		
		wpax fast provisioning		
		wpax username		
		wpax password		
		wpax validate certificate		
		wpax credentials		
		wpax inner credentials		
wlan	choice			
("Instance" attribute is "wlan0")	(Attribute of an instance is a number.)			
	antenna diversity		enabled, antenna 1, antenna 2	
	debugging level			
	wifi direct go mode		enable, disable	

Group Name	Group Item	Value Name	Value Options	Additional Info
xml import control	restore factory configuration		enable, disable	
	delete http authentication uris		enable, disable	
	http authentication uri delete	name		
	reboot		enable, disable	

XML Status Record Groups and Items

Table 4-8 lists the supported SGX 5150 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.

Table 4-8 XSR Group and Items

Group Name	Item Name	Value Name	Valid Values
access point			
action (Attribute of an instance includes, "eth0 link state change, "on scheduled reboot", "usb0 link state change", and "wlan0 link state change".)	state		on, off
	duration		
	transition		
arp	arp entry	ip address	
		mac address	
		type	
		interface	
bridge ("Instance" attribute is "br0")	enable state		enable, disable
	active state		active, inactive
clock	time		
	date		
	timezone	zone	
		offset	

Group Name	Item Name	Value Name	Valid Values
device	product info	product type	
		serial number	
		firmware version	
		lantronix iot gateway os version	
		uptime	
		permanent config	
		region	
email log (Attribute of an instance is a number.)	entry	time	
		log	
email (Attribute of an instance is a number.)	success	sent	
		sent with retries	
	failed		
	queued		
failover (Attribute of an instance includes "eth0", "usb0", and "wlan0")	state		
	transitions		
hardware	сри	type	
		speed	
	memory	flash size	
		ram size	
http log	totals	entries	
		bytes	
	entry (Attribute of an instance is a number.)		
http	state		enable, disable
	logging	entries	
		bytes	

Group Name	Item Name	Value Name	Valid Values
icmp	snmp	InMsgs	
		InErrors	
		InCsumErrors	
		InDestUnreachs	
		InTimeExcds	
		InParmProbs	
		InSrcQuenchs	
		InRedirects	
		InEchos	
		InEchoReps	
		InTimestamps	
		InTimestampReps	
		InAddrMasks	
		InAddrMaskReps	
		OutMsgs	
		OutErrors	
		OutDestUnreachs	
		OutTimeExcds	
		OutParmProbs	
		OutSrcQuenchs	
		OutRedirects	
		OutEchos	
		OutEchoReps	
		OutTimestamps	
		OutTimestampReps	
		OutAddrMasks	
		OutAddrMaskReps	

Group Name	Item Name	Value Name	Valid Values
interface (Attribute of an instance is "eth0", "usb0", or	generic	status	
	ip address		
"wlan0".)	network mask		
	default gateway		
	ipv6 link local address		
	ipv6 global address		
	ipv6 global address		
	ipv6 default gateway		
	ipv6 default gateway		
	receive	bytes	
		packets	
		errs	
		drop	
		fifo	
		frame	
		compressed	
		multicast	
	transmit	bytes	
		packets	
		errs	
		drop	
		fifo	
		colls	
		carrier	
		compressed	
ip sockets	ip socket	protocol	
		rx queue	
		tx queue	
		local address	
		local port	
		remote address	
		remote port	
		state	

Group Name	Item Name	Value Name	Valid Values
ip	snmp	Forwarding	
		DefaultTTL	
		InReceives	
		InHdrErrors	
		InAddrErrors	
		ForwDatagrams	
		InUnknownProtos	
		InDiscards	
		InDelivers	
		OutRequests	
		OutDiscards	
		OutNoRoutes	
		ReasmTimeout	
		ReasmReqds	
		ReasmOKs	
		ReasmFails	
		FragOKs	
		FragFails	
		FragCreate	
	netstat	InNoRoutes	
		InTruncatedPkts	
		InMcastPkts	
		OutMcastPkts	
		InBcastPkts	
		OutBcastPkts	
		InOctets	
		OutOctets	
		InMcastOctets	
		OutMcastOctets	
		InBcastOctets	
		OutBcastOctets	
		InCsumErrors	

Group Name	Item Name	Value Name	Valid Values
line	receiver	bytes	
(Attribute of an instance is a number.)		breaks	
is a number.		parity errors	
		framing errors	
		overrun errors	
		no receive buffer errors	
		queued bytes	
		flow control	
	transmitter	bytes	
		breaks	
		queued bytes	
		flow control	
	line levels	cts input	
		rts output	
		dsr input	
		dtr output	<control></control>
line	state		enable, disable
	protocol		
	baud rate		
	parity		
	data bits		
	stop bits		
	flow control		
	xon char		<control>Q</control>
	xoff char		<control>Q</control>
memory	main heap	total memory	
		available memory	
modbus local slave	totals	pdus in	
		pdus out	
		exceptions	

Group Name	Item Name	Value Name	Valid Values
modbus tcp server	state		
(Attribute of an instance	local port		
includes, "additional" and "permanent".)	totals	uptime	
,		pdus in	
		pdus out	
		connections	
	last connection	local ip address	
		local port	
		remote ip address	
		remote port	
processes	process (Attribute of an instance is a number.)	stack used	
		stack size	
		cpu %	
		thread name	
qos (Attribute of an instance includes: "eth0", "usb0", and "wlan0".)			
query port	status		enabled, disabled
	last connection	ip address	
		port	
	in	discoveries	
		unknown queries	
		erroneous packets	
	out	discovery replies	
		errors	
sessions			

Group Name	Item Name	Value Name	Valid Values
tcp	snmp	RtoAlgorithm	
		RtoMin	
		RtoMax	
		MaxConn	
		ActiveOpens	
		PassiveOpens	
		AttemptFails	
		EstabResets	
		CurrEstab	
		InSegs	
		OutSegs	
		RetransSegs	
		InErrs	
		OutRsts	
		InCsumErrors	

Group Name	Item Name	Value Name	Valid Values
tcp (continued) netstat	netstat	SyncookiesSent	
		SyncookiesRecv	
		SyncookiesFailed	
		EmbryonicRsts	
		PruneCalled	
		RcvPruned	
		OfoPruned	
		OutOfWindowlcmps	
		LockDroppedIcmps	
		ArpFilter	
		TW	
		TWRecycled	
		TWKilled	
		PAWSPassive	
		PAWSActive	
		PAWSEstab	
		DelayedACKs	
		DelayedACKLocked	
		DelayedACKLost	
		ListenOverflows	
		ListenDrops	
		TCPPrequeued	
		TCPDirectCopyFromBacklog	
		TCPDirectCopyFromPrequeue	
		TCPPrequeueDropped	
		TCPHPHits	
		TCPHPHitsToUser	

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

Group Name	Item Name	Value Name	Valid Values
tcp (continued)	netstat (continued)	TCPDSACKIgnoredOld	
		TCPDSACKIgnoredNoUndo	
		TCPSpuriousRTOs	
		TCPMD5NotFound	
		TCPMD5Unexpected	
		TCPSackShifted	
		TCPSackMerged	
		TCPSackShiftFallback	
		TCPBacklogDrop	
		TCPMinTTLDrop	
		TCPDeferAcceptDrop	
		IPReversePathFilter	
		TCPTimeWaitOverflow	
		TCPReqQFullDoCookies	
		TCPReqQFullDrop	
		TCPRetransFail	
		TCPRcvCoalesce	
		TCPOFOQueue	
		TCPOFODrop	
		TCPOFOMerge	
	TCPChallengeACK		
		TCPSYNChallenge	
		TCPFastOpenActive	
		TCPFastOpenPassive	
		TCPFastOpenPassiveFail	
		TCPFastOpenListenOverflow	
		TCPFastOpenCookieReqd	
		TCPSpuriousRtxHostQueues	
tunnel modem	echo commands		enable, disable
	verbose response		enable, disable
	response type		
	error unknown		enable, disable
	incoming connection		enabled, disabled

Group Name	Item Name	Value Name	Valid Values
tunnel	aggregate	completed connects	
(Attribute of an instance		completed accepts	
is a number.)		disconnects	
		dropped connects	
		dropped accepts	
		octets from device	
		octets from network	
		connect 0 connection time	
		connect 1 connection time	
		connect 2 connection time	
		connect 3 connection time	
		connect 4 connection time	
		connect 5 connection time	
		connect 6 connection time	
		connect 7 connection time	
		connect 8 connection time	
		connect 9 connection time	
		connect 10 connection time	
		connect 11 connection time	
		connect 12 connection time	
		connect 13 connection time	
		connect 14 connection time	
		connect 15 connection time	
		accept connection time	
		connect dns address changes	
		connect dns address invalids	
udp	snmp	InDatagrams	
		NoPorts	
		InErrors	
		OutDatagrams	
		RcvbufErrors	
		SndbufErrors	
		InCsumErrors	
usb line	state		enable, disable
	protocol		
wlan scan	network name	bssid	
		channel	
		rssi	
		topology	

Group Name	Item Name	Value Name	Valid Values
wlan status	state		
	bssid		
	rssi		
	frequency		
	channel		
	network name		
	profile		
	pairwise cipher		
	group cipher		
	key management		
	radio firmware version		
xsr	out	bytes	
		lines	
		elements	
	errors		

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)
 - access point (config-access-point)
 - action (config-action-select)
 - 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_putconnection:eth0 link state change:1)
 - connection 2 (config-action-ftp_putconnection:eth0 link state change:2)
 - <a href="http://http:
 - connection 1 (config-action-http_postconnection:eth0 link state change:1)
 - connection 2 (config-action-http_postconnection:eth0 link state change:2)
 - snmp trap (config-action-snmp_trap:eth0 link state change)
 - on scheduled reboot (config-action:on scheduled reboot)
 - email (config-action-email:on scheduled reboot)
 - ftp put (config-action-ftp_put:on scheduled reboot)
 - connection 1 (config-action-ftp_putconnection:on scheduled reboot:1)
 - connection 2 (config-action-ftp_putconnection:on scheduled reboot:2)
 - http post (config-action-http_post:on scheduled reboot)
 - connection 1 (config-action-http_postconnection:on scheduled reboot:1)
 - connection 2 (config-action-http_postconnection:on scheduled reboot:2)
 - snmp trap (config-action-snmp_trap:on scheduled reboot)
 - usb0 link state change (config-action:usb0 link state change)
 - email (config-action-email:usb0 link state change)
 - ftp put (config-action-ftp_put:usb0 link state change)
 - connection 1 (config-action-ftp_putconnection:usb0 link state change:1)
 - connection 2 (config-action-ftp_putconnection:usb0 link state change:2)
 - http post (config-action-http_post:usb0 link state change)
 - connection 1 (config-action-http_postconnection:usb0 link state change:1)
 - connection 2 (config-action-http_postconnection:usb0 link state change:2)
 - snmp trap (config-action-snmp_trap:usb0 link state change)
 - wlan0 link state change (config-action:wlan0 link state change)

- email (config-action-email:wlan0 link state change)
- ftp put (config-action-ftp put:wlan0 link state change)
 - connection 1 (config-action-ftp_putconnection:wlan0 link state change:1)
 - connection 2 (config-action-ftp_putconnection:wlan0 link state change:2)
- http post (config-action-http_post:wlan0 link state change)
 - connection 1 (config-action-http_postconnection:wlan0 link state change:1)
 - connection 2 (config-action-http_postconnection:wlan0 link state change:2)
- snmp trap (config-action-snmp_trap:wlan0 link state change)
- applications (config-applications)
 - python 1 (config-applications-python:1)
 - python 2 (config-applications-python:2)
 - python 3 (config-applications-python:3)
 - python 4 (config-applications-python:4)
- arp (config-arp)
- bridge 1 (config-bridge:br0)
- cli (config-cli)
 - ssh (config-cli-ssh)
 - telnet (config-cli-telnet)
- clock (config-clock)
 - ntp (config-clock-ntp)
- diagnostics (config-diagnostics)
 - log (config-diagnostics-log)
- 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)
 - 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)
- virtual ip 1 (config-virtual-interface:1)
- virtual ip 2 (config-virtual-interface:2)
- virtual ip 3 (config-virtual-interface:3)
- gre 1 (config-gre:1)
- 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)
- host 18 (config-host:18)
- 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)
- filter 26 (config-ethernet-gos-filter:eth0:26)
- filter 27 (config-ethernet-gos-filter:eth0:27)
- 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-if:wlan0)

- failover (config-wlan-failover:wlan0)
- link (config-wlan:wlan0)
 - choice 1 (config-wlan-choice:wlan0:1)
 - choice 2 (config-wlan-choice:wlan0:2)
 - choice 3 (config-wlan-choice:wlan0:3)
 - choice 4 (config-wlan-choice:wlan0:4)
- gos (config-wlan-gos:wlan0)
 - filter 1 (config-wlan-gos-filter:wlan0:1)
 - filter 2 (config-wlan-gos-filter:wlan0:2)
 - filter 3 (config-wlan-gos-filter:wlan0:3)
 - filter 4 (config-wlan-gos-filter:wlan0:4)
 - filter 5 (config-wlan-gos-filter:wlan0:5)
 - filter 6 (config-wlan-gos-filter:wlan0:6)
 - filter 7 (config-wlan-gos-filter:wlan0:7)
 - filter 8 (config-wlan-gos-filter:wlan0:8)
 - filter 9 (config-wlan-gos-filter:wlan0:9)
 - filter 10 (config-wlan-gos-filter:wlan0:10)
 - filter 11 (config-wlan-gos-filter:wlan0:11)
 - filter 12 (config-wlan-gos-filter:wlan0:12)
 - filter 13 (config-wlan-gos-filter:wlan0:13)

- filter 14 (config-wlan-gos-filter:wlan0:14)
- filter 15 (config-wlan-gos-filter:wlan0:15)
- filter 16 (config-wlan-gos-filter:wlan0:16)
- filter 17 (config-wlan-gos-filter:wlan0:17)
- filter 18 (config-wlan-gos-filter:wlan0:18)
- <u>filter 19 (config-wlan-gos-filter:wlan0:19)</u>
- filter 20 (config-wlan-gos-filter:wlan0:20)
- filter 21 (config-wlan-qos-filter:wlan0:21)
- filter 22 (config-wlan-gos-filter:wlan0:22)
- filter 23 (config-wlan-gos-filter:wlan0:23)
- filter 24 (config-wlan-gos-filter:wlan0:24)
- filter 25 (config-wlan-gos-filter:wlan0:25)
- filter 26 (config-wlan-gos-filter:wlan0:26)
- filter 27 (config-wlan-gos-filter:wlan0:27)
- filter 28 (config-wlan-gos-filter:wlan0:28)
- filter 29 (config-wlan-gos-filter:wlan0:29)
- filter 30 (config-wlan-gos-filter:wlan0:30)
- filter 31 (config-wlan-gos-filter:wlan0:31)
- filter 32 (config-wlan-gos-filter:wlan0:32)
- if 3 (config-if:usb0)
 - failover (config-ethernet-failover:usb0)
 - gos (config-ethernet-gos:usb0)
 - filter 1 (config-ethernet-gos-filter:usb0:1)
 - filter 2 (config-ethernet-gos-filter:usb0:2)
 - filter 3 (config-ethernet-gos-filter:usb0:3)
 - filter 4 (config-ethernet-gos-filter:usb0:4)
 - filter 5 (config-ethernet-gos-filter:usb0:5)
 - filter 6 (config-ethernet-gos-filter:usb0:6)
 - filter 7 (config-ethernet-gos-filter:usb0:7)
 - filter 8 (config-ethernet-gos-filter:usb0:8)
 - filter 9 (config-ethernet-gos-filter:usb0:9)
 - filter 10 (config-ethernet-gos-filter:usb0:10)
 - filter 11 (config-ethernet-gos-filter:usb0:11)
 - <u>filter 12 (config-ethernet-gos-filter:usb0:12)</u>
 - <u>filter 13 (config-ethernet-gos-filter:usb0:13)</u>
 - <u>filter 14 (config-ethernet-gos-filter:usb0:14)</u>
 - filter 15 (config-ethernet-gos-filter:usb0:15)
 - filter 16 (config-ethernet-gos-filter:usb0:16)
 - <u>filter 17 (config-ethernet-gos-filter:usb0:17)</u>
 filter 18 (config-ethernet-gos-filter:usb0:18)
 - filter 19 (config-ethernet-gos-filter:usb0:19)
 - filter 20 (config-ethernet-gos-filter:usb0:20)
 - filter 21 (config-ethernet-gos-filter:usb0:21)
 - filter 22 (config-ethernet-gos-filter:usb0:22)
 - filter 23 (config-ethernet-gos-filter:usb0:23)
 - filter 24 (config-ethernet-gos-filter:usb0:24)
 - filter 25 (config-ethernet-gos-filter:usb0:25)
 - filter 26 (config-ethernet-gos-filter:usb0:26)
 - filter 27 (config-ethernet-gos-filter:usb0:27)
 - <u>filter 28 (config-ethernet-gos-filter:usb0:28)</u>
 - <u>filter 29 (config-ethernet-gos-filter:usb0:29)</u>
 - <u>filter 30 (config-ethernet-gos-filter:usb0:30)</u>
 - filter 31 (config-ethernet-gos-filter:usb0:31)

- filter 32 (config-ethernet-gos-filter:usb0:32)
- ip (config-ip)
- modbus (modbus)
- 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 3 (config-terminal:3)
- terminal network (config-terminal:network)
- user management (config-user-management)
- vpn 1 (config-vpn:1)
 - unreachable host detection (config-vpnunreachable host detection:1)
- wlan profiles (config-profiles)
 - edit 1 (config-profile-basic:lantronix default adhoc)
 - advanced (config-profileadvanced:lantronix default adhoc)
 - <u>security (config-profile-</u> security:lantronix default adhoc)
 - wep (config-profile-securitywep:lantronix default adhoc)
 - key 1 (config-profile-securitywep
 - key:lantronix_default_adhoc:1)
 - key 2 (config-profile-securitywep
 - key:lantronix default adhoc:2)
 - key 3 (config-profile-securitywepkey:lantronix default adhoc:3)
 - key 4 (config-profile-security-
 - wepkey:lantronix default adhoc:4)
 - wpax (config-profile-securitywpax:lantronix default adhoc)

- device (device)
 - reboot schedule (device-reboot-schedule)
- 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 7 (email:7)
 email 8 (email:8)
- email 9 (email:9)
- 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)
- <u>filesystem (filesystem)</u>
 - mass storage (filesystem-mass storage)
- <u>line 1 (line:1)</u>
- 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 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)
- disconnect (tunnel-disconnect:2)
- modem (tunnel-modem:2)
- packing (tunnel-packing:2)
- serial (tunnel-serial:2)
- tunnel 3 (tunnel:3)
 - accept (tunnel-accept:3)
 - password (tunnel-accept-password:3)
 - connect (tunnel-connect:3)
 - host 1 (tunnel-connect-host:3:1)
 - host 2 (tunnel-connect-host:3:2)
 - host 3 (tunnel-connect-host:3:3)
 - host 4 (tunnel-connect-host:3:4)
 - host 5 (tunnel-connect-host:3:5)
 - host 6 (tunnel-connect-host:3:6)
 - host 7 (tunnel-connect-host:3:7)
 - host 8 (tunnel-connect-host:3:8)
 - host 9 (tunnel-connect-host:3:9)
 - host 10 (tunnel-connect-host:3:10)
 - host 11 (tunnel-connect-host:3:11)
 - host 12 (tunnel-connect-host:3:12)
 - host 13 (tunnel-connect-host:3:13)
 - host 14 (tunnel-connect-host:3:14)
 host 15 (tunnel-connect-host:3:15)
 - host 16 (tunnel-connect-host:3:16)
 - disconnect (tunnel-disconnect:3)
 - modem (tunnel-modem:3)
 - packing (tunnel-packing:3)
 - serial (tunnel-serial:3)
- usb 1 (usb-line:1)
- <u>xml (xml)</u>

Table 5-1 Commands and Levels

connections. Enables the tunneling server to accept tunneling connections only when a character is received through the corresponding line (serial port). Disables accept mode unneling. Enables the tunneling server to accept tunneling connections when the modern control asserted. Enables mode modern emulation accept mode tunneling. Enables mode memulation for accept mode tunneling. Enables accept mode tunneling when the configured start character is received on the line. Sets the accept tunnel AES decrypt key with up to 16 bytes. Each byte is represented by two adjacent hex digid its. Bytes may run together or be separated by optional punctuation: 123ABC "12.3A BC 12.3A bc	accept (tunnel-accept:3) level commands	
tions only when a character is received through the corresponding line (serial port). accept mode disable Disables accept mode tunneling. Enables the tunneling server to accept funneling connections when the modern control pin is asserted. Enables modern emulation for accept mode tunneling. Enables modern emulation for accept mode tunneling. Enables accept mode tunneling when the configured start character character creevied on the line. Sets the accept mode tunneling when the configured start character is received on the line. 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 Note that quotes must enclose the value if it contains spaces. 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 12.3a bc 12.3a bc Note that quotes must enclose the value if it contains spaces. 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. 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. 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. Sets the accept unnel AES encrypt key with up to 16 bytes. Each byte is repr	accept mode always	
Enables the tunneling server to accept tunneling connections when the modem control pin is asserted. Enables modem emulation for accept mode tunneling. Enables accept mode tunneling when the configured start character server when the server does the first process of the server does the first process. 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**	accept mode any character	tions only when a character is received through the corre-
tions when the modem control pin is asserted. Enables modem emulation to accept mode tunneling. Enables modem emulation for accept mode tunneling. Enables accept mode tunneling when the configured start character is received on the line. 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 "123ABC" 12.3a bc 12:3a:bc Note that quotes must enclose the value if it contains spaces. 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 Note that quotes must enclose the value if it contains spaces. 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 Note that quotes must enclose the value if it contains spaces. 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 Note that quotes must enclose the value if it contains spaces. 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. Biblock network disable Forwards (tunnels) network data in accept mode tunneling. Discards all data coming in from the accept mode tunnel before forwarding it to the serial interface (generally used for debugging). Biblock serial disable Forwards (tunnels) serial data in accept mode tunneling. Discards all data coming in from the serial interface before forwarding it to the accept mode tunnel (generally used for debugging). Clears the screen. Clears the screen. Clears the screen. Selects the RSA/DSA certificates by name for the SSL server	accept mode disable	Disables accept mode tunneling.
Enables accept mode tunneling when the configured start character is received on the line. 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 "123 ab C"123 a	accept mode modem control asserted	
character is received on the line. 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 EC "12,3A EC 12,3a Loc 12:3a:bc Note that quotes must enclose the value if it contains spaces. 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. 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. 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 12:3a.bc Note that quotes must enclose the value if it contains spaces. 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. Biock network disable Forwards (tunnels) network data in accept mode tunnel before forwarding it to the serial interface (generally used for debugging). Biock serial disable Forwards (tunnels) serial data in accept mode tunnel before forwarding it to the serial interface before forwarding it to the accept mode tunnel (generally used for debugging). Clears the screen. Clears the screen. Clears the screen. Clears the RSA/DSA certificates by name for the SSL server. Selects the RSA/DSA certificates by name for the SSL server. Restores the default port number as the local port for accept mode tunneling. The default port is 10000 + n, where 'n' is the line number for this tunnel.	accept mode modem emulation	Enables modem emulation for accept mode tunneling.
bytes. Each byte is represented by two adjacent hex dig- tists. 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 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. Sets the accept tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex dig- 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 con- tains spaces. Sets the accept tunnel AES encrypt key with up to 16 bytes. Each byte is represented by two adjacent hex dig- its. 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 con- tains spaces. 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 tunnel- ing. 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 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. Geleat the port number as the local port for accept mode tunneling. The default port is 10000 + n, where 'n' is the line number for this tunnel. Gefault protocol Restores the default accept mode tunneling protocol as TCP'.	accept mode start character	
bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. 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 Note that quotes must enclose the value if it contains spaces. 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. 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 tunnel before forwarding it to the serial interface (generally used for debugging). Block serial disable Forwards (tunnels) serial data in accept mode tunneling. Discards all data coming in from the accept mode tunneling. Discards all data coming in from the serial interface before forwarding it to the accept mode tunnel (generally used for debugging). Clears the screen. Clears the screen. Credentials <text> Selects the RSA/DSA certificates by name for the SSL server. default accept mode Restores the default accept mode as 'always'. Uses the default port number as the local port for accept mode tunneling. The default port is 10000 + n, where 'n' is the line number for this tunnel. Restores the default accept mode tunneling protocol as TCP'.</text>	aes decrypt key <hexadecimal></hexadecimal>	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-
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 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. 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. Discards all data coming in from the serial interface before forwarding it to the accept mode tunneling. 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. Clears the screen. Clears the screen. Clears the screen. Gefault accept mode Restores the default accept mode as 'always'. Uses the default port number as the local port for accept mode tunneling. The default port is 10000 + n, where 'n' is the line number for this tunnel. Restores the default accept mode tunneling protocol as 'TCP'.	aes decrypt key text <text></text>	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. block network disable block network enable block network enable block serial disable block serial disable block serial enable block serial enable block serial enable credentials <text> Clears the screen. Credentials <text> Selects the RSA/DSA certificates by name for the SSL server. default local port Uses the default port number as the local port for accept mode tunneling. The default port is 10000 + n, where 'n' is the line number for this tunnel. Restores the default accept mode tunneling protocol as TCCP'.</text></text>	aes encrypt key <hexadecimal></hexadecimal>	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-
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forwarding it to the accept mode tunnel (generally used for debugging). clrscrn Clears the screen. Selects the RSA/DSA certificates by name for the SSL server. default accept mode Restores the default accept mode as 'always'. Uses the default port number as the local port for accept mode tunneling. The default port is 10000 + n, where 'n' is the line number for this tunnel. Restores the default accept mode tunneling protocol as 'TCP'.	block serial disable	Forwards (tunnels) serial data in accept mode tunneling.
Selects the RSA/DSA certificates by name for the SSL server. default accept mode Restores the default accept mode as 'always'. Uses the default port number as the local port for accept mode tunneling. The default port is 10000 + n, where 'n' is the line number for this tunnel. default protocol Restores the default accept mode tunneling protocol as 'TCP'.	block serial enable	Discards all data coming in from the serial interface before forwarding it to the accept mode tunnel (generally used for debugging).
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mode tunneling. The default port is 10000 + n, where 'n' is the line number for this tunnel. default protocol Restores the default accept mode tunneling protocol as 'TCP'.	default accept mode	Restores the default accept mode as 'always'.
TCP'.	default local port	mode tunneling. The default port is 10000 + n, where 'n' is
default start character Defaults the accept mode start character.	default protocol	
	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. <number> = the number of the email profile to use.</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>
Returns to the tunnel level.
Characters already in the serial data buffer are retained upon establishing an accept mode tunneling connection.
Flushes the serial data buffer upon establishing an accept mode tunneling connection.
Enables forwarding of the accept start character into the network.
Disables forwarding of the accept start character into the network.
Sets the accept tunnel Initial Send text allowing for binary characters. sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
Sets the accept tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
Disconnects the active accept mode tunneling connection.
Sets the port to use for accept mode tunneling. <number> = number of the port to use.</number>
Removes the accept tunnel AES decrypt key.
Removes the accept tunnel AES encrypt key.
Clears the RSA/DSA certificate selection for the SSL server.
Discontinues sending email alerts upon establishing an accept mode tunnel.
Discontinues sending email alerts upon closing an accept mode tunnel.
Removes the accept tunnel Initial Send string.
Disables the accept mode TCP keep alive timeout.
Enters the next lower level.
Uses SSH protocol for accept mode tunneling.
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.
Displays tunnel accept status.
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> = TCP keep alive for accept mode in milliseconds.</milliseconds>
write	Stores the current configuration in permanent memory.
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></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 <hexadecimal></hexadecimal>	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 <text></text>	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 + n, where 'n' is the line number for this tunnel.

default protocol	Restores the default accept mode tunneling 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.
initial send binary sinary>	Sets the accept tunnel Initial Send text allowing for binary characters. sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the accept tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
kill connection	Disconnects the active accept mode tunneling connection.
local port <number></number>	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 for the SSL server.
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 initial send	Removes the accept tunnel Initial Send string.
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></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> = TCP keep alive for accept mode 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></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 <hexadecimal></hexadecimal>	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 <text></text>	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 + n, where 'n' is the line number for this tunnel.
default protocol	Restores the default accept mode tunneling 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.
initial send binary sinary>	Sets the accept tunnel Initial Send text allowing for binary characters. sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the accept tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
kill connection	Disconnects the active accept mode tunneling connection.
local port <number></number>	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 for the SSL server.
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 initial send	Removes the accept tunnel Initial Send string.
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></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> = TCP keep alive for accept mode in milliseconds.</milliseconds>
write	Stores the current configuration in permanent memory.
access point (config-access-point) level comman	nds
clrscrn	Clears the screen.
default ip address	Restores IP address of Access Point to the default value.
default suite	Restores the security method (suite) to the default value (None).
exit	Returns to the config level.
ip address <ip address="" cidr=""></ip>	Sets the IP address of Access Point. Formats accepted: 192.168.1.1 (default mask) 192.168.1.1/24 (CIDR) "192.168.1.1 255.255.255.0" (explicit mask)
network name <text></text>	Set Network Name (SSID). <text> = Network Name(SSID).</text>
no network name	Clears Network Name (SSID).
no passphrase	Clears the password.
passphrase <text></text>	Sets the value for the password. <text> = put quotes around the characters (max 63).</text>
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show status	Displays statistics.
state disable	Disables Access Point.
state enable	Enables Access Point.
suite none	Sets the security suite to None.
suite wpa	Sets the security suite to WPA.
suite wpa2	Sets the security suite to WPA2.
write	Stores the current configuration in permanent memory.
action (config-action-select) level commands	
clrscrn	Clears the screen.
eth0 link state change	Enters the eth0 link state change alarm level.
exit	Exits to the config level.
on scheduled reboot	Enters the on scheduled reboot alarm level.
show history	Displays the last 20 commands entered during the current CLI session.
usb0 link state change	Enters the usb0 link state change alarm level.
wlan0 link state change	Enters the wlan0 link state change alarm level.
write	Stores the current configuration in permanent memory.

write Stores the current configuration in permanent memory. applications (config-applications) level commands cirscm Clears the screen. exit Returns to the config level. python <instance> Enters the next lower level. Specify the instance for the next lower level. Specify the instance for the next lower level. python install <zip tar.gz file=""> python kill <pi></pi>python package <zip file="" tar.gz="" =""> = path of package to install. python remove all Uninstall python package and all installed packages. python remove all Uninstall python package and all installed packages. python show installed Show running python script <instance> = index of the script to be executed. Show installed python package spile far.gz file> = path of package to uninstall <zip tar.gz file file=""> Uninstall a python package <zip file="" tar.gz="" =""> = path of package to uninstall. <fi>executed. Uninstall a python package <zip file="" tar.gz="" =""> = path of package to uninstall. <fi>executed. Uninstall a python package <zip file="" tar.gz="" =""> = path of package to uninstall. <fi>executed. Uninstall a python package <zip file="" tar.gz="" =""> = path of package to uninstall. <fi>exit ourinstall (from list of installed packages). Show bistory Displays the current configuration. Displays the current configuration. Stores the current configuration in permanent memory. arp (config-arp) level commands add <ip address=""> <imac address=""> <interface name=""> Adds an entry to the ARP table, mapping an IP address to a MAC address = Interface name clears the screen. exit Exits to the configuration level. Removes all entries from the ARP cache. <ip>exit paddress> <interface name=""> = Interface name = Interface name> = Interface name> = Interface name = In</interface></ip></interface></imac></ip></fi></zip></fi></zip></fi></zip></fi></zip></zip tar.gz></instance></zip></zip tar.gz></instance>	advanced (config-profile-advanced:lantronix_default_	adhoc) level commands
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CLI session.	show cache	Displays the ARP cache table.
write Stores the current configuration in permanent memory.	show history	
	write	Stores the current configuration in permanent memory.

auto detect ip address disable	Disables learning the IPv4 address of the bridged client.
auto detect ip address enable	Enables learning the IPv4 address of the bridged client.
bridging ip address <ip address=""></ip>	Sets the Bridging IP Address.
bridging ipv6 address <ipv6 address=""></ipv6>	Sets the Bridging IPv6 Address. IPv6 addresses are written in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix
clrscrn	Clears the screen.
default ethernet interface	Restores the default Bridging ethernet interface.
ethernet interface <text></text>	Sets the Bridging ethernet interface.
exit	Exits to the config level.
no bridging ip address	Removes the Bridging MAC Address.
no bridging ipv6 address	Removes the Bridging IPv6 Address.
no bridging mac address	Removes the Bridging MAC Address.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	Show bridge statistics
show status	Show bridge status
state disable	Disables bridging.
state enable	Enables bridging.
transparent mode disable	Disables transparent mode.
transparent mode enable	Enables transparent mode.
write	Stores the current configuration in permanent memory.
choice 1 (config-wlan-choice:wlan0:1) level commands	
apply wlan	Try out WLAN settings without saving them to Flash. If the settings do not work, when you reboot the device, it will still have the original settings.
clrscrn	Clears the screen.
exit	Exits to the next higher level.
no profile	Removes reference to the profile.
profile <text></text>	Selects a profile. <text> = name of the profile.</text>
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.
choice 2 (config-wlan-choice:wlan0:2) level commands	
apply wlan	Try out WLAN settings without saving them to Flash. If the settings do not work, when you reboot the device, it will still have the original settings.
cirscrn	Clears the screen.
exit	Exits to the next higher level.
no profile	Removes reference to the profile.
profile <text></text>	Selects a profile. <text> = name of the profile.</text>

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.
choice 3 (config-wlan-choice:wlan0:3) level commands	S
apply wlan	Try out WLAN settings without saving them to Flash. If the settings do not work, when you reboot the device, it will still have the original settings.
clrscrn	Clears the screen.
exit	Exits to the next higher level.
no profile	Removes reference to the profile.
profile <text></text>	Selects a profile. <text> = name of the profile.</text>
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.
choice 4 (config-wlan-choice:wlan0:4) level commands	S
apply wlan	Try out WLAN settings without saving them to Flash. If the settings do not work, when you reboot the device, it will still have the original settings.
clrscrn	Clears the screen.
exit	Exits to the next higher level.
no profile	Removes reference to the profile.
profile <text></text>	Selects a profile. <text> = name of the profile.</text>
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.
cli (config-cli) level commands	
clrscrn	Clears the screen.
default inactivity timeout	The default inactivity timeout will apply to CLI sessions.
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.
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 <username> dsa</username>	Remove user DSA key
no user <username> rsa</username>	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 <username></username>	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 2048</username>	Generate DSA public and private keys
user <username> generate dsa 4096</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 2048</username>	Generate RSA public and private keys
user <username> generate rsa 4096</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 <username> password <password></password></username>	Set username with password and optional RSA or DSA keys
write	Stores the current configuration in permanent memory.
clock (config-clock) level commands	
clock set <time(hh:mm:ss)> <day (1-31)=""> <month text=""> <year></year></month></day></time(hh:mm:ss)>	Sets the system clock.
clock timezone	Shows possible time zone names.
clock timezone <time zone=""></time>	Sets the timezone to be displayed. Use "clock timezone" to show choices.
clrscrn	Clears the screen.
default clock timezone	Restores the default timezone, which is UTC.
default synchronization method	Restores the default time synchronization method (Manual).
exit	Exits to the configuration level.
ntp	Enters the next lower level.

show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current
	CLI session.
show system clock	Displays the system clock.
synchronization method manual	Set time manually.
synchronization method sntp	Synchronize time with a NTP server.
write	Stores the current configuration in permanent memory.
configure (config) level commands	
access point	Enters the access point level.
action	Enters the config action level.
applications	Enters the applications level.
arp	Changes to the command level for ARP configuration and status.
bridge <instance></instance>	Changes to the bridge configuration 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.
diagnostics	Enters the diagnostics level.
discovery	Enters the discovery level.
exit	Exits to the enable level.
ftp	Enters the ftp level.
gateway	Enters the gateway level.
gre <instance></instance>	Change to gre 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.
ip	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"
modbus	Changes to the modbus configuration level.
show	Displays system information.
show history	Displays the last 20 commands entered during the current CLI session.
show lines	Displays line information.
smtp	Changes to the command level for SMTP configuration and status.
snmp	Enters the snmp level.
syslog	Enters the syslog level.
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.
user management	Change to menu level for user management
vpn <instance></instance>	Change to vpn level.
wlan profiles	Enters the WLAN profiles configuration level.

write	Stores the current configuration in permanent memory.
connect (tunnel-connect:3) 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 connection when a character is received on the corresponding 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 < number >	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 <number></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>
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.
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.
Sets the reconnect time value for tunneling connections established by the device in milliseconds. <milliseconds> = timeout in milliseconds.</milliseconds>
Displays the current configuration.
Displays the last 20 commands entered during the current CLI session.
Displays tunnel connect status.
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>
Stores the current configuration in permanent memory.
Forwards (tunnels) network data in connect mode tunneling.
Discards all data coming in from the connect mode tunnel before forwarding it to the serial interface (generally used for debugging).
Forwards (tunnels) serial data in connect mode tunneling.
Discards all data coming in from the serial interface before forwarding it to the connect mode tunnel (generally used for debugging).
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 connec-
tions when the modem control pin is asserted.
tions when the modem control pin is asserted.
tions when the modem control pin is asserted. Enables modem emulation for connect mode tunneling. Enables connect mode tunneling when the configured
tions 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.

default reconnect time	Restores the default reconnect time value for connect mode tunneling.
default start character	Defaults the connect mode start character.
email connect < number >	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 < 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>
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 <number></number>	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.
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 connection when a character is received on the corresponding 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 <number></number>	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 < 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>
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 <number></number>	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
The difficult disconnect	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:wla	n0 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 url no username	Clears HTTP request URL. Clears the Username.
no username	Clears the Username.
no username password <text></text>	Clears the Username. Sets the Password used to logon to HTTP server.
no username password <text> port <number></number></text>	Clears the Username. Sets the Password used to logon to HTTP server. Sets the Port number which HTTP server is listening to.
no username password <text> port <number> protocol http</number></text>	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.
no username password <text> port <number> protocol http protocol https</number></text>	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.
no username password <text> port <number> protocol http protocol https show</number></text>	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
no username password <text> port <number> protocol http protocol https show show history</number></text>	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-
no username password <text> port <number> protocol http protocol https show show history url <text></text></number></text>	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 hostname.
no username password <text> port <number> protocol http protocol https show show history url <text> username <text></text></text></number></text>	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 hostname. Sets the Username used to logon to HTTP server. Stores the current configuration in permanent memory.
no username password <text> port <number> protocol http protocol https show show history url <text> username <text> write</text></text></number></text>	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 hostname. Sets the Username used to logon to HTTP server. Stores the current configuration in permanent memory.
no username password <text> port <number> protocol http protocol https show show history url <text> username <text> write connection 1 (config-action-ftp_put-connection:wlan0)</text></text></number></text>	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 hostname. Sets the Username used to logon to HTTP server. Stores the current configuration in permanent memory. link state change:1) level commands
no username password <text> port <number> protocol http protocol https show show history url <text> username <text> write connection 1 (config-action-ftp_put-connection:wlan0 clrscrn</text></text></number></text>	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 hostname. Sets the Username used to logon to HTTP server. Stores the current configuration in permanent memory. Ink state change:1) level commands Clears the screen.
no username password <text> port <number> protocol http protocol https show show history url <text> username <text> write connection 1 (config-action-ftp_put-connection:wlan0 clrscrn default filename</text></text></number></text>	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 hostname. Sets the Username used to logon to HTTP server. Stores the current configuration in permanent memory. Ink state change:1) level commands Clears the screen. Sets default FTP remote Filename.
no username password <text> port <number> protocol http protocol https show show history url <text> username <text> write connection 1 (config-action-ftp_put-connection:wlan0 clrscrn default filename default port</text></text></number></text>	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 hostname. Sets the Username used to logon to HTTP server. Stores the current configuration in permanent memory. link state change:1) level commands Clears the screen. Sets default FTP remote Filename. Sets default Port number.
no username password <text> port <number> protocol http protocol https show show history url <text> username <text> write connection 1 (config-action-ftp_put-connection:wlan0 clrscrn default filename default port default protocol</text></text></number></text>	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 hostname. Sets the Username used to logon to HTTP server. Stores the current configuration in permanent memory. Ink state change:1) level commands Clears the screen. Sets default FTP remote Filename. Sets default FTP Protocol.

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 1 (config-action-http_post-connection:usb	0 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 <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:usb0 l	
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.
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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 1 (config-action-http_post-connection:on s	cheduled reboot: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 <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:on sch	eduled reboot: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.
port \number >	

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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	
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 <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:eth0 li	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 <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.
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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:wla	n0 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 <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 2 (config-action-ftp_put-connection:wlan0	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>	0 / 570 10 11 1 1 1 1 1
	Sets FTP server IP address or hostname to be connected to.
no host	
	to.
no host	to. Clears FTP server IP address or hostname.
no host no password	to. Clears FTP server IP address or hostname. Sets default Password.
no host no password password <text></text>	to. Clears FTP server IP address or hostname. Sets default Password. Sets the Password used to logon to FTP server.
no host no password password <text> port <number></number></text>	to. Clears FTP server IP address or hostname. Sets default Password. Sets the Password used to logon to FTP server. Sets the Port number which FTP server is listening to.
no host no password password <text> port <number> protocol ftp</number></text>	to. Clears FTP server IP address or hostname. Sets default Password. Sets the Password used to logon to FTP server. Sets the Port number which FTP server is listening to. Selects FTP Protocol.
no host no password password <text> port <number> protocol ftp protocol ftps</number></text>	to. Clears FTP server IP address or hostname. Sets default Password. Sets the Password used to logon to FTP server. Sets the Port number which FTP server is listening to. Selects FTP Protocol. Selects FTPS Protocol.
no host no password password <text> port <number> protocol ftp protocol ftps show</number></text>	to. Clears FTP server IP address or hostname. Sets default Password. Sets the Password used to logon to FTP server. Sets the Port number which FTP server is listening to. Selects FTP Protocol. Selects FTPS Protocol. Shows the current configuration. Displays the last 20 commands entered during the current

write	Stores the current configuration in permanent memory.
connection 2 (config-action-http_post-connect	tion:usb0 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 <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.
and a stime of the sufficient to the state of the state o	
connection 2 (config-action-ftp_put-connection	n:usb0 link state change:2) level commands
connection 2 (config-action-ftp_put-connection clrscrn	n:usb0 link state change:2) level commands Clears the screen.
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clrscrn	Clears the screen.
clrscrn default filename	Clears the screen. Sets default FTP remote Filename.
clrscrn default filename default port	Clears the screen. Sets default FTP remote Filename. Sets default Port number.
clrscrn default filename default port default protocol	Clears the screen. Sets default FTP remote Filename. Sets default Port number. Sets default FTP Protocol.
clrscrn default filename default port default protocol default username	Clears the screen. Sets default FTP remote Filename. Sets default Port number. Sets default FTP Protocol. Sets default Username.
clrscrn default filename default port default protocol default username exit	Clears the screen. Sets default FTP remote Filename. Sets default Port number. Sets default FTP Protocol. Sets default Username. Exits to the next higher level.
clrscrn default filename default port default protocol default username exit filename <text></text>	Clears the screen. Sets default FTP remote Filename. Sets default Port number. Sets default FTP Protocol. Sets default Username. Exits to the next higher level. Sets FTP remote Filename. Sets FTP server IP address or hostname to be connected
clrscrn default filename default port default protocol default username exit filename <text> host <text></text></text>	Clears the screen. Sets default FTP remote Filename. Sets default Port number. Sets default FTP Protocol. Sets default Username. Exits to the next higher level. Sets FTP remote Filename. Sets FTP server IP address or hostname to be connected to.
clrscrn default filename default port default protocol default username exit filename <text> host <text> no host</text></text>	Clears the screen. Sets default FTP remote Filename. Sets default Port number. Sets default FTP Protocol. Sets default Username. Exits to the next higher level. Sets FTP remote Filename. Sets FTP server IP address or hostname to be connected to. Clears FTP server IP address or hostname.
clrscrn default filename default port default protocol default username exit filename <text> host <text> no host no password</text></text>	Clears the screen. Sets default FTP remote Filename. Sets default Port number. Sets default FTP Protocol. Sets default Username. Exits to the next higher level. Sets FTP remote Filename. Sets FTP server IP address or hostname to be connected to. Clears FTP server IP address or hostname. Sets default Password.
clrscrn default filename default port default protocol default username exit filename <text> host <text> no host no password password <text></text></text></text>	Clears the screen. Sets default FTP remote Filename. Sets default Port number. Sets default FTP Protocol. Sets default Username. Exits to the next higher level. Sets FTP remote Filename. Sets FTP server IP address or hostname to be connected to. Clears FTP server IP address or hostname. Sets default Password. Sets the Password used to logon to FTP server.
clrscrn default filename default port default protocol default username exit filename <text> host <text> no host no password password <text> port <number></number></text></text></text>	Clears the screen. Sets default FTP remote Filename. Sets default Port number. Sets default FTP Protocol. Sets default Username. Exits to the next higher level. Sets FTP remote Filename. Sets FTP server IP address or hostname to be connected to. Clears FTP server IP address or hostname. Sets default Password. Sets the Password used to logon to FTP server. Sets the Port number which FTP server is listening to.
clrscrn default filename default port default protocol default username exit filename <text> host <text> no host no password password <text> port <number> protocol ftp</number></text></text></text>	Clears the screen. Sets default FTP remote Filename. Sets default Port number. Sets default FTP Protocol. Sets default Username. Exits to the next higher level. Sets FTP remote Filename. Sets FTP server IP address or hostname to be connected to. Clears FTP server IP address or hostname. Sets default Password. Sets the Password used to logon to FTP server. Sets the Port number which FTP server is listening to. Selects FTP Protocol.
clrscrn default filename default port default protocol default username exit filename <text> host <text> no host no password password <text> port <number> protocol ftp protocol ftps</number></text></text></text>	Clears the screen. Sets default FTP remote Filename. Sets default Port number. Sets default FTP Protocol. Sets default Username. Exits to the next higher level. Sets FTP remote Filename. Sets FTP server IP address or hostname to be connected to. Clears FTP server IP address or hostname. Sets default Password. Sets the Password used to logon to FTP server. Sets the Port number which FTP server is listening to. Selects FTP Protocol. Selects FTPS Protocol.
clrscrn default filename default port default protocol default username exit filename <text> host <text> no host no password password <text> port <number> protocol ftp protocol ftps show</number></text></text></text>	Clears the screen. Sets default FTP remote Filename. Sets default Port number. Sets default FTP Protocol. Sets default Username. Exits to the next higher level. Sets FTP remote Filename. Sets FTP server IP address or hostname to be connected to. Clears FTP server IP address or hostname. Sets default Password. Sets the Password used to logon to FTP server. Sets the Port number which FTP server is listening to. Selects FTP Protocol. Selects FTPS Protocol. Shows the current configuration. Displays the last 20 commands entered during the current
clrscrn default filename default port default protocol default username exit filename <text> host <text> no host no password password <text> port <number> protocol ftp protocol ftps show show history</number></text></text></text>	Clears the screen. Sets default FTP remote Filename. Sets default Port number. Sets default FTP Protocol. Sets default Username. Exits to the next higher level. Sets FTP remote Filename. Sets FTP server IP address or hostname to be connected to. Clears FTP server IP address or hostname. Sets default Password. Sets the Password used to logon to FTP server. Sets the Port number which FTP server is listening to. Selects FTP Protocol. Selects FTPS Protocol. Shows the current configuration. Displays the last 20 commands entered during the current CLI session.
clrscrn default filename default port default protocol default username exit filename <text> host <text> no host no password password <text> port <number> protocol ftp protocol ftps show show history username <text></text></number></text></text></text>	Clears the screen. Sets default FTP remote Filename. Sets default Port number. Sets default FTP Protocol. Sets default Username. Exits to the next higher level. Sets FTP remote Filename. Sets FTP server IP address or hostname to be connected to. Clears FTP server IP address or hostname. Sets default Password. Sets the Password used to logon to FTP server. Sets the Port number which FTP server is listening to. Selects FTP Protocol. Selects FTPS Protocol. Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Sets the Username used to logon to FTP server.
clrscrn default filename default port default protocol default username exit filename <text> host <text> no host no password password <text> port <number> protocol ftp protocol ftps show show history username <text> write</text></number></text></text></text>	Clears the screen. Sets default FTP remote Filename. Sets default Port number. Sets default FTP Protocol. Sets default Username. Exits to the next higher level. Sets FTP remote Filename. Sets FTP server IP address or hostname to be connected to. Clears FTP server IP address or hostname. Sets default Password. Sets the Password used to logon to FTP server. Sets the Port number which FTP server is listening to. Selects FTP Protocol. Selects FTPS Protocol. Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Sets the Username used to logon to FTP server.

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 connect to.</text>	ect-
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 listening to</number>	0.
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 cu CLI session.	rrent
url <text> Sets HTTP request URL following IP address or hostname.</text>	
username <text> Sets the Username used to logon to HTTP server.</text>	
write Stores the current configuration in permanent memory	/.
connection 2 (config-action-ftp_put-connection:on scheduled reboot: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.</text>	
host <text> Sets FTP server IP address or hostname to be conne to.</text>	cted
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 to</number>	
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 cu CLI session.	rrent
username <text> Sets the Username used to logon to FTP server.</text>	
Stores the surrent configuration in permanent memory	/.
write Stores the current configuration in permanent memory	/ -
connection 2 (config-action-http_post-connection:eth0 link state change:2) level commands	
connection 2 (config-action-http_post-connection:eth0 link state change:2) level commands	
connection 2 (config-action-http_post-connection:eth0 link state change:2) level commands clrscrn Clears the screen.	

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 <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 2 (config-action-ftp_put-connection:eth0 l	ink 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 <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	
cirscrn	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 credential
exit	Exits to the ssl level.
show	Show existing credential names
show history	Displays the last 20 commands entered during the current
- 1	1 , 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

	CLI session.
write	Stores the current configuration in permanent memory.
device (device) level commands	
auto show tlog	Continuously displays the internal trouble log.
clrscrn	Clears the screen.
default long name	Restores the default product long name.
default short name	Restores the default product short name.
exit	Exit to the enable level.
long name <name></name>	Sets the product long name, displayed in command mode and the Web interface.
reboot schedule	Enters the reboot schedule level
short name <name></name>	Sets the product short name, displayed in command mode and the Web interface. <name> = maximum of eight characters.</name>
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 lines	Show line information
show memory	Displays current memory usage information.
show task state	Displays current task states.
show tlog	Displays the internal trouble log.
l	
write	Stores the current configuration in permanent memory.
write dhcpserver (config-dhcpd) level commands	Stores the current configuration in permanent memory.
- 1	Clears the screen.
dhcpserver (config-dhcpd) level commands	
dhcpserver (config-dhcpd) level commands clrscrn	Clears the screen. Restores end IP address of DHCP address pool to the
dhcpserver (config-dhcpd) level commands clrscrn default end ip address	Clears the screen. Restores end IP address of DHCP address pool to the default value.
dhcpserver (config-dhcpd) level commands clrscrn default end ip address default end ipv6 address	Clears the screen. Restores end IP address of DHCP address pool to the default value. Clears the end IPv6 address of DHCP address pool.
dhcpserver (config-dhcpd) level commands clrscrn default end ip address default end ipv6 address default lease time	Clears the screen. Restores end IP address of DHCP address pool to the default value. Clears the end IPv6 address of DHCP address pool. Restores the lease time to default value (24 hours). Restores start IP address of DHCP address pool to the
dhcpserver (config-dhcpd) level commands clrscrn default end ip address default end ipv6 address default lease time default start ip address	Clears the screen. Restores end IP address of DHCP address pool to the default value. Clears the end IPv6 address of DHCP address pool. Restores the lease time to default value (24 hours). Restores start IP address of DHCP address pool to the default value.
dhcpserver (config-dhcpd) level commands clrscrn default end ip address default end ipv6 address default lease time default start ip address default start ipv6 address	Clears the screen. Restores end IP address of DHCP address pool to the default value. Clears the end IPv6 address of DHCP address pool. Restores the lease time to default value (24 hours). Restores start IP address of DHCP address pool to the default value. Clears the start IPv6 address of DHCP address pool.
dhcpserver (config-dhcpd) level commands clrscrn default end ip address default end ipv6 address default lease time default start ip address default start ipv6 address default start ipv6 address	Clears the screen. Restores end IP address of DHCP address pool to the default value. Clears the end IPv6 address of DHCP address pool. Restores the lease time to default value (24 hours). Restores start IP address of DHCP address pool to the default value. Clears the start IPv6 address of DHCP address pool. Deletes all static leases. Deletes an entry from the static lease table <instance> =</instance>
dhcpserver (config-dhcpd) level commands clrscrn default end ip address default end ipv6 address default lease time default start ip address default start ipv6 address delete all static leases delete static lease <instance></instance>	Clears the screen. Restores end IP address of DHCP address pool to the default value. Clears the end IPv6 address of DHCP address pool. Restores the lease time to default value (24 hours). Restores start IP address of DHCP address pool to the default value. Clears the start IPv6 address of DHCP address pool. Deletes all static leases. Deletes an entry from the static lease table <instance> = index of the entry being removed</instance>
dhcpserver (config-dhcpd) level commands clrscrn default end ip address default end ipv6 address default lease time default start ip address default start ipv6 address delete all static leases delete static lease <instance> end ip address <ip address=""></ip></instance>	Clears the screen. Restores end IP address of DHCP address pool to the default value. Clears the end IPv6 address of DHCP address pool. Restores the lease time to default value (24 hours). Restores start IP address of DHCP address pool to the default value. Clears the start IPv6 address of DHCP address pool. Deletes all static leases. Deletes an entry from the static lease table <instance> = index of the entry being removed Sets the end IP address of DHCP address pool. Sets the end IPv6 address of DHCP address pool. Sets the end IPv6 address of DHCP address pool. IPv6 addresses are written in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size</instance>
dhcpserver (config-dhcpd) level commands clrscrn default end ip address default end ipv6 address default lease time default start ip address default start ipv6 address delete all static leases delete static lease <instance> end ip address <ip address=""> end ipv6 address <ipv6 address="" prefix=""></ipv6></ip></instance>	Clears the screen. Restores end IP address of DHCP address pool to the default value. Clears the end IPv6 address of DHCP address pool. Restores the lease time to default value (24 hours). Restores start IP address of DHCP address pool to the default value. Clears the start IPv6 address of DHCP address pool. Deletes all static leases. Deletes an entry from the static lease table <instance> = index of the entry being removed Sets the end IPv6 address of DHCP address pool. Sets the end IPv6 address of DHCP address pool. Sets the end IPv6 address of DHCP address pool. IPv6 addresses are written in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix</instance>
dhcpserver (config-dhcpd) level commands clrscrn default end ip address default end ipv6 address default lease time default start ip address default start ipv6 address delete all static leases delete static lease <instance> end ip address <ipv6 address="" prefix=""> ipv6 state disable</ipv6></instance>	Clears the screen. Restores end IP address of DHCP address pool to the default value. Clears the end IPv6 address of DHCP address pool. Restores the lease time to default value (24 hours). Restores start IP address of DHCP address pool to the default value. Clears the start IPv6 address of DHCP address pool. Deletes all static leases. Deletes an entry from the static lease table <instance> = index of the entry being removed Sets the end IP address of DHCP address pool. Sets the end IPv6 address of DHCP address pool. Sets the end IPv6 address of DHCP address pool. IPv6 addresses are written in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix Disables IPv6 DHCP server.</instance>

start ip address start ip v6 address Sets the start IPv6 address of DHCP address pool. start ipv6 address Sets the start IPv6 address of DHCP address pool. IPv6 address so for the start ipv6 address of DHCP address pool. IPv6 address so for the start in pv6 address pool. IPv6 address so for the start in pv6 address pool. IPv6 address poo	show history	Displays the last 20 commands entered during the current CLI session.
addresses are written in eight groups of four hexadecimal digits separated by colons, such as 2001:068:35a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix static leases < number> Change to dhcpd static lease level. Stores the current configuration in permanent memory. diagnostics (config-diagnostics) level commands cirscom Clears the screen. xxit Returns to the config level. log Enters the next lower level. show Displays the last 20 commands entered during the current configuration. write Stores the current configuration in permanent memory. displays the last 20 commands entered during the current configuration in permanent memory. displays the last 20 commands entered during the current configuration in permanent memory. displays the last 20 commands entered during the current configuration in permanent memory. displays the last 20 commands entered during the current configuration in permanent memory. displays the last 20 commands entered during the current configuration in permanent memory. displays the last 20 commands entered during the current configuration in permanent memory. displays the last 20 commands entered during the current configuration in permanent memory. displays the screen. exit Returns to the tunnel level. Does not flush serial data upon closing a tunneling connection. flush stop character disable Forwards the stop character from the Line to the network. Prevents 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 and disconnects if it is not asserted. no stop character Removes the stop character. Disables disconnect after timeout feature for tunneling sessions. show Displays the last 20 commands entered during the current CLI session. Sets the stop character may be	start ip address <ip address=""></ip>	Sets the start IP address of DHCP address pool.
static leases <number> write Stores the current configuration in permanent memory. diagnostics (config-diagnostics) level commands classor exit Returns to the config level. Enters the next lower level. Displays the current configuration. Show Displays the last 20 commands entered during the current classesion. write Stores the current configuration in permanent memory. disconnect (tunnel-disconnects) level commands classor exit Returns to the tunnel level. Glassor the current configuration in permanent memory. disconnect (tunnel-disconnects) level commands classor 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. flush stop character disable Forwards the stop character from the Line to the network. 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. wordem control enable Watches the modem control pin and disconnects if it is not asserted. no stop character Removes the stop character. Disables disconnect after timeout feature for tunneling sessions. show Displays the current configuration. Sels the stop character. The character may be input as text, control>C. A decimal value character has the form oxFF. Disconnects when no data has been received on the line (serial port) for the specified length of time. <milliseconds> elimeout in milliseconds.</milliseconds></number>	start ipv6 address <ipv6 address="" prefix=""></ipv6>	addresses are written in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size
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cirscri exit Returns to the config level. log Enters the next lower level. blog Enters the next lower level. blosplays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory. disconnect (tunnel-disconnect:3) level commands cirscri exit Returns to the tunnel level. Clears the screen. exit Returns to the tunnel level. 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. Removes the stop character. Disables disconnect after timeout feature for tunneling sessions. show 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 lex. A control character has the form '99. A hex value character has the	static leases <number></number>	Change to dhcpd static lease level.
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exit Returns to the config level. log Enters the next lower level. show Displays the current configuration. bisplays the last 20 commands entered during the current CLI session. write Stores the current configuration in permanent memory. disconnect (tunnel-disconnect:3) 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. Flushes serial data buffer when a tunneling connection is closed. 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. watches the modem control pin and disconnects if it is not asserted. no 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 "control-C." A decimal value character has the form "control-C." A decimal has been received on the line (serial port) for the specified length of time. < milliseconds> et meout in milliseconds.	diagnostics (config-diagnostics) level commands	
Enters the next lower level.	clrscrn	Clears the screen.
Displays the current configuration.	exit	Returns to the config level.
show history Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory. disconnect (tunnel-disconnect:3) level commands clrscm Clears the screen. Exit Returns to the tunnel level. Does not flush serial data upon closing a tunneling connection. flush serial enable Flushes serial data buffer when a tunneling connection is closed. Forwards the stop character from the Line to the network. Forwards the stop character from the Line from being forwarded to the network. Prevents the stop character from the Line from being forwarded to the network. Modern control disable Does not watch the modem control pin to disconnect. Watches the modem control pin and disconnects if it is not asserted. No stop character Removes the stop character. Disables disconnect after timeout feature for tunneling sessions. show Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Stop character <control> 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 0y9. A hex value character has the form 0y9. A hex value character has the form oxF. Disconnects when no data has been received on the line (serial port) for the specified length of time. <milliseconds> = timeout in milliseconds.</milliseconds></control></control>	log	Enters the next lower level.
write Stores the current configuration in permanent memory. disconnect (tunnel-disconnect:3) 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. bisplays the last 20 commands entered during the current CLI session. stop character Control Sets the stop character. The character may be input as text, control, decimal, or hex. A control character has the form (99. A hex value character has the form 0xFF">(99. A hex value character has the form 0xFF . Disconnects when no data has been received on the line (serial port) for the specified length of time. <milliliseconds> = timeout in milliseconds.</milliliseconds>	show	Displays the current configuration.
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cirscrn cir		Stores the current configuration in permanent memory.
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flush serial disable Does not flush serial data upon closing a tunneling connection. Flushes serial data buffer when a tunneling connection is closed. 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. Modem control disable Does not watch the modem control pin to disconnect. Watches the modem control pin and disconnects if it is not asserted. No stop character Removes the stop character. 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 (y9. A hex value character has the form 0xFF. Disconnects when no data has been received on the line (serial port) for the specified length of time. <milliseconds> et imeout in milliseconds.</milliseconds></control>	clrscrn	Clears the screen.
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. 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. show Displays the current configuration. Show history 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 <pre></pre>	exit	
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show history Displays the last 20 commands entered during the current CLI session. Stop character <control> 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 \(\text{ y9}. A \) hex value character has the form 0xFF. Disconnects when no data has been received on the line (serial port) for the specified length of time. <milliseconds> = timeout in milliseconds.</milliseconds></control></control>	modem control disable modem control enable	warded to the network. Does not watch the modem control pin to disconnect. Watches the modem control pin and disconnects if it is not asserted.
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	modem control disable modem control enable no stop character no timeout show show history stop character <control></control>	warded 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. Disconnects when no data has been received on the line (serial port) for the specified length of time. <millisec-< td=""></millisec-<></control>

cirscrn	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.
show history	Displays the last 20 commands entered during the current CLI session.
stop character <control></control>	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 \u00a799. A hex value character has the form \u00fcxF.</control>
timeout <milliseconds></milliseconds>	Disconnects when no data has been received on the line (serial port) for the specified length of time. <milliseconds> = timeout in milliseconds.</milliseconds>
write	Stores the current configuration in permanent memory.
write disconnect (tunnel-disconnect:1) level commands	Stores the current configuration in permanent memory.
	Stores the current configuration in permanent memory. Clears the screen.
disconnect (tunnel-disconnect:1) level commands	
disconnect (tunnel-disconnect:1) level commands clrscrn	Clears the screen.
disconnect (tunnel-disconnect:1) level commands clrscrn exit	Clears the screen. Returns to the tunnel level. Does not flush serial data upon closing a tunneling con-
disconnect (tunnel-disconnect:1) level commands clrscrn exit flush serial disable	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
disconnect (tunnel-disconnect:1) level commands clrscrn exit flush serial disable flush serial enable	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.
disconnect (tunnel-disconnect:1) level commands clrscrn exit flush serial disable flush serial enable flush stop character disable	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 for-
disconnect (tunnel-disconnect:1) level commands clrscrn exit flush serial disable flush serial enable flush stop character disable flush stop character enable	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.
disconnect (tunnel-disconnect:1) level commands clrscrn exit flush serial disable flush serial enable flush stop character disable flush stop character enable modem control disable	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
disconnect (tunnel-disconnect:1) level commands clrscrn exit flush serial disable flush serial enable flush stop character disable flush stop character enable modem control disable modem control enable	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.
disconnect (tunnel-disconnect:1) level commands clrscrn exit flush serial disable flush serial enable flush stop character disable flush stop character enable modem control disable modem control enable no stop character	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
disconnect (tunnel-disconnect:1) level commands clrscrn exit flush serial disable flush stop character disable flush stop character enable modem control disable modem control enable no stop character no timeout	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.
disconnect (tunnel-disconnect:1) level commands clrscrn exit flush serial disable flush serial enable flush stop character disable flush stop character enable modem control disable modem control enable no stop character no timeout show	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

	(serial port) for the specified length of time. <milliseconds> = timeout in milliseconds.</milliseconds>
write	Stores the current configuration in permanent memory.
discovery (config-discovery) level commands	
clear counters	Zeros Query Port counters
clrscrn	Clears the screen.
default upnp port	Resets the UPnP Server port to its default value (0x77FF).
exit	Returns to the config level.
no clear counters	Unzeros Query Port counters
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show statistics	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.
edit 1 (config-profile-basic:lantronix_default_adho	c) level commands
advanced	Switch to advanced level
apply wlan	Try out WLAN settings without saving them to Flash. If the
	settings do not work, when you reboot the device, it will still have the original settings.
clrscrn	
clrscrn	still have the original settings.
	still have the original settings. Clears the screen.
exit	still have the original settings. Clears the screen. Exit to the profiles level
exit network name <text></text>	still have the original settings. Clears the screen. Exit to the profiles level Sets the network name.
exit network name <text> no network name</text>	still have the original settings. Clears the screen. Exit to the profiles level Sets the network name. Clears the network name.
exit network name <text> no network name security</text>	still have the original settings. Clears the screen. Exit to the profiles level Sets the network name. Clears the network name. Switch to security level
exit network name <text> no network name security show</text>	still have the original settings. Clears the screen. Exit to the profiles level Sets the network name. Clears the network name. Switch to security level Displays the current configuration. Displays the last 20 commands entered during the current
exit network name <text> no network name security show show history</text>	still have the original settings. Clears the screen. Exit to the profiles level Sets the network name. Clears the network name. Switch to security level Displays the current configuration. Displays the last 20 commands entered during the current CLI session.
exit network name <text> no network name security show show history state disable</text>	still have the original settings. Clears the screen. Exit to the profiles level Sets the network name. Clears the network name. Switch to security level Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Disables this profile.

alarm email email <number></number>	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	Restores the default and no email is sent when the alarm turns on.
default normal email	Restores the default and no email is sent 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 < number >	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:usb0 link state change) lev	el commands
alarm email email <number></number>	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.
cirscrn	Clears the screen.
default alarm email	Restores the default and no email is sent when the alarm turns on.
default normal email	Restores the default and no email is sent when the alarm turns off.
exit	Exits to the next higher level.
no alarm message	Removes the alarm email message.
no alarm reminder interval	311
	Only one message will be sent when the alarm turns on.
no normal message	Removes the normal email message.
no normal message no normal reminder interval	
	Removes the normal email message.
no normal reminder interval	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

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:on scheduled reboot) level	commands
alarm email email <number></number>	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	Restores the default and no email is sent when the alarm turns on.
default normal email	Restores the default and no email is sent 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 < number >	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 <number></number>	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	Restores the default and no email is sent when the alarm turns on.
default normal email	Restores the default and no email is sent when the alarm

exit by the next higher level. no alarm reminder interval no alarm reminder interval no normal message Removes the alarm email message. no normal message Removes the normal email message. no normal message Removes the normal email message. no normal reminder interval Only one message will be sent when the alarm turns onf. Specifies the email number to send when the alarm turns off. normal email email "number" 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 email message set sent when the alarm turns off. Sets the email message set sent when the alarm turns off. Show Show the current configuration. Show show thistory Classision Show she current configuration. Show she current configuration in permanent memory. Classision Write Stores the current configuration in permanent memory. Brail (small:1) level commands auto show statistics Continuously displays email statistics. Co <fex></fex> Sets Co addresses for email alerts. <fex></fex> semicolon separated list of email addresses. Clear log Clears all entries from the mail log. Clears all entries from the mail log. Clears all entries from the mail log. Clears the screen. Clears the screen. Clears the screen. Clears the screen. Clears the configure email alerts to 3 (normal). Enters the configure email alerts. <fex></fex> Exits to the enable level. Exits to the enable level. Removes the Ca addresses for email alerts. Restores the email counters to the aggregate values. no ce no clear mail counters no message file Removes the Reply To address for email alerts. Removes the Reply To address for email alerts. Removes the Reply To addresses for email alerts. Removes the		turns off.
no alarm reminder interval no normal message Removes the normal email message. Removes the To addresses for email alerts. Removes the Reply To address for email alerts.	exit	Exits to the next higher level.
no normal message no normal reminder interval Only one message will be sent when the alarm turns off. normal email email rwmber Specifies the email number to send when the alarm turns off. normal email none Specifies no email when the alarm turns off. Sets the email message to be sent when the alarm turns off. normal message <a feb-state"="" href="mailto:remailto:r</td><td>no alarm message</td><td>Removes the alarm email message.</td></tr><tr><td>no normal reminder interval no normal email ema</td><td>no alarm reminder interval</td><td>Only one message will be sent when the alarm turns on.</td></tr><tr><td>normal email email **number** 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 email message to be sent when the alarm turns off. Sets the time interval that messages will be sent while the alarm remains off. Show the current configuration. Show thistory Displays the last 20 commands entered during the current CL1 session. Write Stores the current configuration in permanent memory. **Sets Cc addresses for email alerts.** text> = a quoted, semicolon separated list of email addresses. clear log Clears all entries from the mail log. clear mail counters clear mail counters clear mail counters clear the screen. default priority sets X-Priority for email alerts to 3 (normal). email ** email ** Enters the configure email level. Exits to the enable level. Specifies the email counters to the aggregate values. no oc Removes the Cc addresses for email alerts. Restores the email counters to the aggregate values. no nessage file Removes the Reply To address for email alerts. Removes the Reply To addresse for email alerts. Removes the To addresse for email alerts. Removes the To addresses for email alerts. Removes the To addresse for email alerts. Removes the To addresse for email alerts. Sets X-Priority for email alerts to 3 (hormal). Sets X-Priority for email alerts to 4 (low). Sets X-Priority for email alerts to 5 (high). Priority lower. Sets X-Priority for email alerts to 5 (light).</td><td>no normal message</td><td>Removes the normal email message.</td></tr><tr><td>off. normal email none Specifies no email 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. Show history Displays the last 20 commands entered during the current cLI session. Stores the current configuration in permanent memory. Solution separated list of email addresses. Cc <text> Sets Cc addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses. Clear log Clears all entries from the mail log. clear mail counters Sets the email counters to zero. Clears the screen. default priority Sets X-Priority for email alerts to 3 (normal). Enters the configure email level. exit Exits to the enable level. Specifies a text flie, the contents of which will be the message body of an email alert. <text> = the name of a local file. no cc Removes the Cc addresses for email alerts. Restores the email counters to the aggregate values. no message file Removes the Reply To address for email alerts. Removes the Reply To address for email alerts. Removes the To addresses for email alerts. Removes the To addresses for email alerts. Sets X-Priority for email alerts to 2 (high). Priority low Priority for email alerts to 3 (normal). Sets X-Priority for email alerts to 3 (normal).</td><td>no normal reminder interval</td><td>Only one message will be sent when the alarm turns off.</td></tr><tr><td>normal message <text> 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. Show history Displays the last 20 commands entered during the current CLI session. write Stores the current configuration in permanent memory. email 1 (email:1) level commands auto show statistics Continuously displays email statistics. Co-text> Sets Cc addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses. clear log Clears all entries from the mail log. clear mail counters Sets the email counters to zero. clrscm Clears the screen. default priority Sets X-Priority for email alerts to 3 (normal). Exits to the enable level. Specifies a text file, the contents of which will be the message file <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. no cc Removes the Cc addresses for email alerts. 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 the Reply To address for email alerts. Removes the To addresses for email alerts. Removes the To addresses</td><td>normal email <number></td><td>l ·</td></tr><tr><td>off. 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. ### Continuously displays email statistics. ### Continuously displays email statistor. ### Continuously displays email statistor. ### Continuously displa</td><td>normal email none</td><td>Specifies no email when the alarm turns off.</td></tr><tr><td>alarm remains off. 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. cmail 1 (email:1) level commands auto show statistics Continuously displays email statistics. cc </ext> Sets Cc addresses for email alerts. <text> = a quoted, 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 <number> exit Exits to the enable level. Exits to the enable level. Specifies a text flie, the contents of which will be the message body of an email alert. <text> = the name of a local file. 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 Reply To address for email alerts. Removes the Reply To address for email alerts. Removes the To addresses for email alerts. Sets X-Priority for email alerts to 4 (low). Sets X-Priority for email alerts to 3 (normal). Sets X-Priority for email alerts to 1 (urgent).</td><td>normal message <text></td><td></td></tr><tr><td>show history Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory. email 1 (email:1) level commands auto show statistics Continuously displays email statistics. Cc <text> Sets Cc addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses. clear log Clears all entries from the mail log. clear mail counters Sets the email counters to zero. clrscm Clears the screen. Clears the screen. default priority Enters the configure email level. exit 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. 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 Reply To address for email alerts. no to Removes the Reply To address for email alerts. Removes the Removes the Green email alerts. Removes the To addresses for email alerts. Sets X-Priority for email alerts to 2 (high). Sets X-Priority for email alerts to 3 (normal). 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Sets X-Priority for email alerts to 3 (normal).</td><td>show history</td><td></td></tr><tr><td>auto show statistics C fec fec fec fec fec fec fee mail statistics. Continuously displays email statistics. Sets C addresses for email alerts. fee mail alerts. fee mail alerts. fee mail alerts. fee mail alerts. fee mail alerts form the mail log. Clears all entries from the mail log. Clears all entries for email alerts. Sets to the enail counters to 3 (normal) alerts. Provide free fee mail alerts. Con addresses for email alerts. Removes the To addresses for email alerts. Removes the To addresses for email alerts. Provide for email alerts to 2 (high). Priority low Sets X-Priority for email alerts to 3 (normal). Sets X-Priority for email alerts to 3 (normal). Sets X-Priority for email alerts to 1 (urgent).	write	Stores the current configuration in permanent memory.
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default priority mail <number> Enters the configure email alerts to 3 (normal). Exits to the enable 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. Specifies a text file, the contents of which will be the message body of an email alert. <text> = the name of a local file. Specifies a text file, the contents of which will be the message body of an email alerts. 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. Removes the Reply To address for email alerts. Removes subject used for email alerts. Removes the To addresses for email alerts. Priority high Sets X-Priority for email alerts to 2 (high). Sets X-Priority for email alerts to 3 (normal). Sets X-Priority for email alerts to 3 (normal). Sets X-Priority for email alerts to 1 (urgent).</text></text></number>	clear mail counters	Sets the email counters to zero.
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priority urgent Sets X-Priority for email alerts to 1 (urgent).	priority low	Sets X-Priority for email alerts to 4 (low).
	priority normal	Sets X-Priority for email alerts to 3 (normal).
priority yeary low Sate Y Driority for amail glaste to 5 (yeary low)	priority urgent	Sets X-Priority for email alerts to 1 (urgent).
priority vory low Sets A-Filority for enfail alerts to 5 (very low).	priority very low	Sets X-Priority for email alerts to 5 (very low).
reply to <text> Sets the Reply To address for email alerts. <text> = email address to place in the Reply To field of the email alert.</text></text>	reply to <text></text>	
send Sends an email using the current settings.	send	Sends an email using the current settings.
show Displays the current configuration.	show	Displays the current configuration.
show history Displays the last 20 commands entered during the current	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 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.
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 11 (email:11) level commands	

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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.
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 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 <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.
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.
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.
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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</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 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 <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.
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.

semicolon separated list of email addresses. write Stores the current configuration in permanent memory.		
show statistics Displays email statistics. Sets the Subject for email alerts. ≺text>= text to placed as the subject. In otext> Sets To addresses for email alerts. ≺text>= a quoted, semicolon separated list of email addresses. Stores the current configuration in permanent memory. email 15 (email:15) level commands auto show statistics Continuously displays email statistics. Continuously displays email statistics. Sets Ca addresses for email alerts. ≺text>= a quoted, semicolon separated list of email addresses. clear log Clears all entries from the mail log. Clear all entries from the mail log. Clears the screen. Getar the screen. Getar the screen. Getar the screen. Getar the screen. Getars the configure email level. exit 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. no cc Removes the Ca addresses for email alerts. 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 file name, so the message body will be empty. no reply to Removes the File name, so the message body will be empty. no reply to Removes the File name il alerts to 2 (high). priority high Sets X-Priority for email alerts to 2 (high). priority normal Sets X-Priority for email alerts to 1 (urgent). priority urgent Sets X-Priority for email alerts to 1 (urgent). Sets X-Priority for email alerts to 2 (low). Sets X-Priority for email alerts to 5 (very low). Sets X-Priority for email alerts to 5 (very low). Sets X-Priority for email alerts to 5 (very low). Sets X-Priority for email alerts to 5 (very low). Sets X-Priority for email alerts to 5 (very low). Sets X-Priority for email alerts to 6 (very low). Sets X-Priority for email alerts to 7 (urgent). priority very low Displays the current configuration. Sets the Reply To field of the email alert. Sets the Subject of email alerts. <text> = a quoted, semicolo</text>	show history	' '
Sets the Subject for email alerts. <text> = text to placed as the subject. to <text> = text to placed as the subject. to <text> = sets To addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses. Stores the current configuration in permanent memory. email 15 (email:15) loval commands auto show statistics</text></text></text></text>	show log	Displays the email log.
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show statistics Displays email statistics. Sets the Subject for email alerts. <text> = text to placed as the subject. to <text> Sets To addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses. write Stores the current configuration in permanent memory.</text></text></text>	show history	
subject <text> Sets the Subject for email alerts. <text> = text to placed as the subject. to <text> Sets To addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses. write Stores the current configuration in permanent memory.</text></text></text></text>	show log	Displays the email log.
as the subject. to <text> Sets To addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses. write Stores the current configuration in permanent memory.</text></text>	show statistics	Displays email statistics.
semicolon separated list of email addresses. write Stores the current configuration in permanent memory.	subject <text></text>	
	to <text></text>	
amail 4C (amail 4C) lavel commands	write	Stores the current configuration in permanent memory.
email 16 (email:16) level commands	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 <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.
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 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 <number></number>	Enters the configure email level.
exit	Exits to the enable level.
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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 3 (email:3) 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.
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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 4 (email:4) 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.
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 <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.
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 <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.
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 <number></number>	Enters the configure email level.
exit	Exits to the enable level.
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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 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 <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.

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 9 (email:9) 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.
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 log Show statistics Displays email statistics. Sets the Subject for email alerts. <text> = text to placed as the subject. to <text> Sets To addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses. write Stores the current configuration in permanent memory. enable (enable) level commands</text></text></text>
subject <text> Sets the Subject for email alerts. <text> = text to placed as the subject. to <text> Sets To addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses. write Stores the current configuration in permanent memory.</text></text></text></text>
as the subject. to <text> Sets To addresses for email alerts. <text> = a quoted, semicolon separated list of email addresses. write Stores the current configuration in permanent memory.</text></text>
semicolon separated list of email addresses. write Stores the current configuration in permanent memory.
<u> </u>
enable (enable) level commands
onasio (onasio) level communico
auto show interfaces Show interface statistics
auto show processes Continuously show thread runtime information
clrscrn Clears the screen.
configure Enters the configuration level.
connect Show name and number for lines.
connect line Begin session on serial port.
device Enters the device level.
disable Exits the enable level.
dns Enters the DNS level.
email <number> Enters the configure email level.</number>
exit Exit from the system
filesystem Enters the filesystem level.
iperf <i><params></params></i> Run iperf with command line parameters passed in quoted string.
kill ssh <session> Kills SSH session with index from "show sessions"</session>
kill telnet <session> Kills Telnet session with index from "show sessions"</session>
line Enters the line level. line> = number of the line (serial port) to be configured.
ping <host> Ping destination continuously with 5 second timeout</host>
ping <host> <count> Ping destination n times with 5 second timeout</count></host>
ping <host> <count> <timeout> Ping destination n times with x timeout (in seconds)</timeout></count></host>
ping6 <host> Ping destination continuously with 5 second timeout</host>
ping6 <host> <count> Ping destination n times with 5 second timeout</count></host>
ping6 <host> <count> <timeout> Ping destination n times with x timeout (in seconds)</timeout></count></host>
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 lines Show line information
show processes Show thread runtime information
show routes show system routing table
show rules show system rules
show sessions Show active Telnet and SSH Sessions

aab	Entere the CCII configuration level
ssh	Enters the SSH configuration level.
ssh <optclientusername> <host></host></optclientusername>	Begin SSH session on network <host>. The optClien-tUserName must match an SSH Client: Users configura-</host>
	tion entry. Use "" in optClientUserName to prompt for host
	username and password.
ssh <optclientusername> <host> <port></port></host></optclientusername>	Begin SSH session on network <host>:<port>. The</port></host>
	optClientUserName must match an SSH Client: Users configuration entry. Use "" in optClientUserName to
	prompt for host username and password.
ssl	Enters the SSL configuration level.
tcpdump <parameters></parameters>	dump traffic on a network
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.
usb	Enters the usb level. line> = number of the line (usb port) to be configured.
write	Stores the current configuration in permanent memory.
xml	Enters the XML level.
eth0 link state change (config-action:eth0 link state cl	nange) 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.
http post	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:usb0) level command	ds
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.
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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	Test failover configuration
timeout <seconds></seconds>	Sets the Ping response timeout in seconds.
write	Stores the current configuration in permanent memory.
failover (config-wlan-failover:wlan0) level comr	<u> </u>
cirscrn	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	Test failover configuration
timeout <seconds></seconds>	Sets the Ping response timeout in seconds.
write	Stores the current configuration in permanent memory.
failover (config-ethernet-failover:eth0) level con	
clrscrn	Clears the screen.
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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	Test failover configuration
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
Is	Show all files and directories in the current directory
Is <directory></directory>	Show all files and directories in the specified directory
mass storage	Enters the next lower level.
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	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show tree	Show all files and directories from current directory
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tttn got zoourgo filos zdoctination filos zhoots	Get a file using TFTP
tftp get <source file=""/> <destination file=""> <host></host></destination>	-
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-ethernet-qos-filter:usb0:1) level comma	
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	Ctores the surrent configuration in normanent mamory
	Stores the current configuration in permanent memory.
filter 1 (config-wlan-qos-filter:wlan0:1) level command	
filter 1 (config-wlan-qos-filter:wlan0:1) level command	6
filter 1 (config-wlan-qos-filter:wlan0:1) level command clrscrn	Clears the screen.
filter 1 (config-wlan-qos-filter:wlan0:1) level command clrscrn default priority	Clears the screen. Restores the default value of the priority (Excellent Effort).
filter 1 (config-wlan-qos-filter:wlan0:1) level command 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-

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 1 (config-ethernet-qos-filter:eth0:1) level commar	nds
clrscrn	Clears the screen.
clrscrn default priority	Clears the screen. Restores the default value of the priority (Excellent Effort).
default priority exit	Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level.
default priority	Clears the screen. Restores the default value of the priority (Excellent Effort).
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-
default priority exit mac address <hexadecimal></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.
default priority exit mac address <hexadecimal> network <text></text></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. Sets the filter Network.
default priority exit mac address <hexadecimal> network <text> no mac address</text></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. Sets the filter Network. Removes the filter MAC Address.
default priority exit mac address <hexadecimal> network <text> no mac address no network</text></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. Sets the filter Network. Removes the filter MAC Address. Removes the filter Network.
default priority exit mac address <hexadecimal> network <text> no mac address no network no ports</text></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. Sets the filter Network. Removes the filter Network. Removes the filter Port.
default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text></text></text></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. 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
default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text> priority background</text></text></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. 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 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is
default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text> priority background priority best effort</text></text></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. 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 10%-100%. Sets the priority to Critical Applications. Bandwidth allo-
default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text> priority background priority critical applications</text></text></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. 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 allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is

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:usb0:10) 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 10 (config-wlan-qos-filter:wlan0:10) 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></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-

	close 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.
	Displays the last 20 separated automad during the surrout
show history	Displays the last 20 commands entered during the current CLI session.
write	CLI session. Stores the current configuration in permanent memory.
	CLI session. Stores the current configuration in permanent memory. ands
write filter 10 (config-ethernet-qos-filter:eth0:10) level comm	CLI session. Stores the current configuration in permanent memory. nands Clears the screen.
write filter 10 (config-ethernet-qos-filter:eth0:10) level comm	CLI session. Stores the current configuration in permanent memory. ands
write filter 10 (config-ethernet-qos-filter:eth0:10) level comm	CLI session. Stores the current configuration in permanent memory. nands Clears the screen. Restores the default value of the priority (Excellent Effort). Exits to the next higher level.
write filter 10 (config-ethernet-qos-filter:eth0:10) level commodiscrin default priority	CLI session. Stores the current configuration in permanent memory. Tands Clears the screen. Restores the default value of the priority (Excellent Effort).
write filter 10 (config-ethernet-qos-filter:eth0:10) level commodification classification default priority exit	CLI session. Stores the current configuration in permanent memory. nands 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-
write filter 10 (config-ethernet-qos-filter:eth0:10) level commodification classing default priority exit mac address < hexadecimal>	CLI session. 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.
write filter 10 (config-ethernet-qos-filter:eth0:10) level commodiscription default priority exit mac address < hexadecimal > network < text >	CLI session. Stores the current configuration in permanent memory. Tands 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.
write filter 10 (config-ethernet-qos-filter:eth0:10) level commodification clrscrn default priority exit mac address < hexadecimal > network < text > no mac address	CLI session. Stores the current configuration in permanent memory. Inands 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.
write filter 10 (config-ethernet-qos-filter:eth0:10) level commodification classing default priority exit mac address < hexadecimal > network < text > no mac address no network	CLI session. Stores the current configuration in permanent memory. Iands 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.
write filter 10 (config-ethernet-qos-filter:eth0:10) level commodification classers default priority exit mac address < hexadecimal > network < text > no mac address no network no ports	CLI session. Stores the current configuration in permanent memory. Iands 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.
write filter 10 (config-ethernet-qos-filter:eth0:10) level commodification cliscrin default priority exit mac address < hexadecimal> network < text> no mac address no network no ports ports < text>	CLI session. 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. 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
write filter 10 (config-ethernet-qos-filter:eth0:10) level commodification classing default priority exit mac address < hexadecimal > network < text > no mac address no network no ports ports < text > priority background	CLI session. Stores the current configuration in permanent memory. Inands 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 Best Effort. Bandwidth allocated is
write filter 10 (config-ethernet-qos-filter:eth0:10) level commodification clarscrin default priority exit mac address < hexadecimal> network < text> no mac address no network no ports ports < text> priority background priority best effort	CLI session. 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. 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 10%-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 11 (config-ethernet-qos-filter:usb0:11) level comr	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 11 (config-wlan-qos-filter:wlan0:11) 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></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 11 (config-ethernet-qos-filter:eth0:11) 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 12 (config-ethernet-qos-filter:usb0:12) level comr	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 12 (config-wlan-qos-filter:wlan0:12) 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></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 12 (config-ethernet-qos-filter:eth0:12) 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 13 (config-ethernet-qos-filter:usb0:13) 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 13 (config-wlan-qos-filter:wlan0:13) 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></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) level comm	iands
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 14 (config-ethernet-qos-filter:usb0:14) 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 14 (config-wlan-qos-filter:wlan0:14) 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.
write	Stores the current configuration in permanent memory.
filter 14 (config-ethernet-qos-filter:eth0:14) 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 15 (config-ethernet-qos-filter:usb0:1	5) 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 15 (config-wlan-qos-filter:wlan0:15) lev	vel commands
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	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)	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.
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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:usb0:16) 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 16 (config-wlan-qos-filter:wlan0:16) 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 16 (config-ethernet-qos-filter:eth0:16) 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 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-ethernet-qos-filter:usb0:17) level comn	nands
olroorn	Classo the server
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
default priority	Restores the default value of the priority (Excellent Effort).
default priority exit	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-
default priority exit mac address <hexadecimal></hexadecimal>	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.
default priority exit mac address <hexadecimal> network <text></text></hexadecimal>	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.
default priority exit mac address <hexadecimal> network <text> no mac address</text></hexadecimal>	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.
default priority exit mac address <hexadecimal> network <text> no mac address no network</text></hexadecimal>	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.
default priority exit mac address <hexadecimal> network <text> no mac address no network no ports</text></hexadecimal>	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.
default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text></text></text></hexadecimal>	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
default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text> priority background</text></text></hexadecimal>	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 Best Effort. Bandwidth allocated is
default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text> priority background priority best effort</text></text></hexadecimal>	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 Best Effort. Bandwidth allocated is 10%-100%. Sets the priority to Critical Applications. Bandwidth allo-
default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text> priority background priority critical applications</text></text></hexadecimal>	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 allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is
default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text> priority background priority critical applications priority excellent effort</text></text></hexadecimal>	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 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-

	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-wlan-qos-filter:wlan0:17) level o	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-ethernet-qos-filter:eth0:17) leve	l 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.
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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:usb0:18) level comm	
filter 18 (config-ethernet-qos-filter:usb0:18) level comm	nands
filter 18 (config-ethernet-qos-filter:usb0:18) level commodrscrn	Clears the screen.
filter 18 (config-ethernet-qos-filter:usb0:18) level commodracing default priority	Clears the screen. Restores the default value of the priority (Excellent Effort).
filter 18 (config-ethernet-qos-filter:usb0:18) level commodrscrn 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 18 (config-ethernet-qos-filter:usb0:18) level commodification classers 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 18 (config-ethernet-qos-filter:usb0:18) level commodification clirscrin 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 18 (config-ethernet-qos-filter:usb0:18) level commodification clirscrin 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 18 (config-ethernet-qos-filter:usb0:18) level commodification clirscrin 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 18 (config-ethernet-qos-filter:usb0:18) level commodification 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 18 (config-ethernet-qos-filter:usb0:18) level commodification clirscrin 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 18 (config-ethernet-qos-filter:usb0:18) level commodification clirscrin 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 filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is
filter 18 (config-ethernet-qos-filter:usb0:18) level commodification clirscrin 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 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-
filter 18 (config-ethernet-qos-filter:usb0:18) level commodification clirscrin default priority exit mac address < hexadecimal> network < text> no mac address no network no ports ports < text> priority background priority critical applications	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. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is

	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-wlan-qos-filter:wlan0:18) level c	ommands
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	CLI session. Stores the current configuration in permanent memory.
·	Stores the current configuration in permanent memory.
write	Stores the current configuration in permanent memory.
write filter 19 (config-ethernet-qos-filter:usb0:19) level comi	Stores the current configuration in permanent memory.
write filter 19 (config-ethernet-qos-filter:usb0:19) level come	Stores the current configuration in permanent memory. nands Clears the screen.
write filter 19 (config-ethernet-qos-filter:usb0:19) level compound classer default priority	Stores the current configuration in permanent memory. mands Clears the screen. Restores the default value of the priority (Excellent Effort).
write filter 19 (config-ethernet-qos-filter:usb0:19) level commoderault priority exit	Stores the current configuration in permanent memory. nands 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-
write filter 19 (config-ethernet-qos-filter:usb0:19) level composition classers default priority exit mac address < hexadecimal>	Stores the current configuration in permanent memory. nands 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.
write filter 19 (config-ethernet-qos-filter:usb0:19) level compound classers default priority exit mac address <hexadecimal> network <text></text></hexadecimal>	Stores the current configuration in permanent memory. nands 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.
write filter 19 (config-ethernet-qos-filter:usb0:19) level composition classers default priority exit mac address < hexadecimal > network < text > no mac address	Stores the current configuration in permanent memory. nands 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.
write filter 19 (config-ethernet-qos-filter:usb0:19) level composition classers default priority exit mac address < hexadecimal > network < text > no mac address no network	Stores the current configuration in permanent memory. nands 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.
write filter 19 (config-ethernet-qos-filter:usb0:19) level composition classers default priority exit mac address <hexadecimal> network <text> no mac address no network no ports</text></hexadecimal>	Stores the current configuration in permanent memory. nands 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.
write filter 19 (config-ethernet-qos-filter:usb0:19) level composition continuation of the continuation o	Stores the current configuration in permanent memory. nands 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
write filter 19 (config-ethernet-qos-filter:usb0:19) level compound clarscrn 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. nands 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. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is
write filter 19 (config-ethernet-qos-filter:usb0:19) level come clrscrn default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text> priority background priority best effort</text></text></hexadecimal>	Stores the current configuration in permanent memory. nands 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 19 (config-wlan-qos-filter:wlan0:19) 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></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) 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 2 (config-ethernet-qos-filter:usb0:2) 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></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 2 (config-wlan-qos-filter:wlan0:2) 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 2 (config-ethernet-qos-filter:eth0:2) 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 20 (config-ethernet-qos-filter:usb0:20) 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 20 (config-wlan-qos-filter:wlan0:20) 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></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 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 21 (config-ethernet-qos-filter:usb0:21) 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 21 (config-wlan-qos-filter:wlan0:21) 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></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%-

	CLI session.
write	Stores the current configuration in permanent memory.
filter 21 (config-ethernet-qos-filter:eth0:21) le	vel commands
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	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:usb0:22) 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.

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default priority Restores the default value of the priority (Excellent Effort exit Exits to the next higher level.
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mac address <hexadecimal> Sets the filter MAC Address. Each byte is represented by</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 enclose the value if it contains spaces.
network <text> Sets the filter Network.</text>
no mac address Removes the filter MAC Address.
no network Removes the filter Network.
no ports Removes the filter Port.
ports <text> Sets the filter Port.</text>
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 i 10%-100%.
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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%-

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default priority exit Exits to the next higher level. Best 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 12:3abc Note that quotes must enclose the value if it contains spaces. network <text> network <text> sets the filter Network. Removes the filter Network. Removes the filter Network. Removes the filter Port. ports <text> sets the filter Port. ports yetx/> priority best effort Sets the priority to Best Effort. Bandwidth allocated is 5%-100%. Sets the priority to Critical Applications. 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 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 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. Ifficer 23 (config-enternet-qos-filter-usb0:23) level commands classon. 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 puncutation: 12</text></text></text>	filter 22 (config-ethernet-qos-filter:eth0:22) I	
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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. 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:usb0:23) 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.</text>	priority excellent effort	Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%.
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. 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:usb0:23) level commands clrscm 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.</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. filter 23 (config-ethernet-qos-filter:usb0:23) 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 en- close the value if it contains spaces. Network <text> Sets the filter Network.</text>	priority network control	
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clrscrn Clears the screen. default priority 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> 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.</text>	show history	Displays the last 20 commands entered during the current CLI session.
clrscrn 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.</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.</text>	filter 23 (config-ethernet-qos-filter:usb0:23)	level commands
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.</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 12:3a:bc Note that quotes must enclose the value if it contains spaces. Network <text> 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.</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.</text>	exit	Exits to the next higher level.
	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 enclose the value if it contains spaces.
no mac address Removes the filter MAC Address.	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-wlan-qos-filter:wlan0:23) level commar	ds
olreern	
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
default priority	Restores the default value of the priority (Excellent Effort).
default priority exit	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-
default priority exit mac address <hexadecimal></hexadecimal>	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.
default priority exit mac address <hexadecimal> network <text></text></hexadecimal>	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.
default priority exit mac address <hexadecimal> network <text> no mac address</text></hexadecimal>	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.
default priority exit mac address <hexadecimal> network <text> no mac address no network</text></hexadecimal>	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.
default priority exit mac address <hexadecimal> network <text> no mac address no network no ports</text></hexadecimal>	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.
default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text></text></text></hexadecimal>	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
default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text> priority background</text></text></hexadecimal>	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 Best Effort. Bandwidth allocated is
default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text> priority background priority best effort</text></text></hexadecimal>	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 10%-100%. Sets the priority to Critical Applications. Bandwidth allo-
default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text> priority background priority critical applications</text></text></hexadecimal>	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 allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is
default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text> priority background priority critical applications priority excellent effort</text></text></hexadecimal>	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 10%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%. Sets the priority to Internetwork Control. Bandwidth allo-

	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 comr	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 24 (config-ethernet-qos-filter:usb0:24) 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.
	Stores the current configuration in permanent memory.
filter 24 (config-wlan-qos-filter:wlan0:24) level comman	
filter 24 (config-wlan-qos-filter:wlan0:24) level comma	nds
filter 24 (config-wlan-qos-filter:wlan0:24) level command clrscrn	Clears the screen.
filter 24 (config-wlan-qos-filter:wlan0:24) level command clascrn default priority	Clears the screen. Restores the default value of the priority (Excellent Effort).
filter 24 (config-wlan-qos-filter:wlan0:24) level command 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 24 (config-wlan-qos-filter:wlan0:24) level commarclescen default priority exit mac address <hexadecimal></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 24 (config-wlan-qos-filter:wlan0:24) level command clrscrn default priority exit mac address <hexadecimal> network <text></text></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. Sets the filter Network.
filter 24 (config-wlan-qos-filter:wlan0:24) level commarcurscrn default priority exit mac address <hexadecimal> network <text> no mac address</text></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. Sets the filter Network. Removes the filter MAC Address.
filter 24 (config-wlan-qos-filter:wlan0:24) level commarcurscrn default priority exit mac address <hexadecimal> network <text> no mac address no network</text></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. Sets the filter Network. Removes the filter MAC Address. Removes the filter Network.
filter 24 (config-wlan-qos-filter:wlan0:24) level command classers default priority exit mac address <hexadecimal> network <text> no mac address no network no ports</text></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. Sets the filter Network. Removes the filter MAC Address. Removes the filter Port.
filter 24 (config-wlan-qos-filter:wlan0:24) level commarcurscrn default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text></text></text></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. 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 24 (config-wlan-qos-filter:wlan0:24) level command classers default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text> priority background</text></text></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. 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 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is
filter 24 (config-wlan-qos-filter:wlan0:24) level command classers default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text> priority background priority best effort</text></text></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. 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 10%-100%. Sets the priority to Critical Applications. Bandwidth allo-
filter 24 (config-wlan-qos-filter:wlan0:24) level command cliscrin default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text> priority background priority critical applications</text></text></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. 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 allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is

	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 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 25 (config-ethernet-qos-filter:usb0:25)	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	
·	CLI session. Stores the current configuration in permanent memory.
write	CLI session. Stores the current configuration in permanent memory.
write filter 25 (config-wlan-qos-filter:wlan0:25) level comma	CLI session. Stores the current configuration in permanent memory. nds
write filter 25 (config-wlan-qos-filter:wlan0:25) level comma clrscrn	CLI session. Stores the current configuration in permanent memory. nds Clears the screen.
write filter 25 (config-wlan-qos-filter:wlan0:25) level comma clrscrn default priority	CLI session. Stores the current configuration in permanent memory. nds Clears the screen. Restores the default value of the priority (Excellent Effort).
write filter 25 (config-wlan-qos-filter:wlan0:25) level comma clrscrn default priority exit	CLI session. Stores the current configuration in permanent memory. nds 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-
write filter 25 (config-wlan-qos-filter:wlan0:25) level comma clrscrn default priority exit mac address <hexadecimal></hexadecimal>	CLI session. Stores the current configuration in permanent memory. nds 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.
write filter 25 (config-wlan-qos-filter:wlan0:25) level comma clrscrn default priority exit mac address <hexadecimal> network <text></text></hexadecimal>	CLI session. Stores the current configuration in permanent memory. nds 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.
write filter 25 (config-wlan-qos-filter:wlan0:25) level comma clrscrn default priority exit mac address <hexadecimal> network <text> no mac address</text></hexadecimal>	CLI session. Stores the current configuration in permanent memory. nds 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.
write filter 25 (config-wlan-qos-filter:wlan0:25) level comma clrscrn default priority exit mac address <hexadecimal> network <text> no mac address no network</text></hexadecimal>	CLI session. Stores the current configuration in permanent memory. nds 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.
write filter 25 (config-wlan-qos-filter:wlan0:25) level comma clrscrn default priority exit mac address <hexadecimal> network <text> no mac address no network no ports</text></hexadecimal>	CLI session. Stores the current configuration in permanent memory. nds 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.
write filter 25 (config-wlan-qos-filter:wlan0:25) level comma clrscrn default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text></text></text></hexadecimal>	CLI session. Stores the current configuration in permanent memory. nds 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
write filter 25 (config-wlan-qos-filter:wlan0:25) level comma clrscrn default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text> priority background</text></text></hexadecimal>	CLI session. Stores the current configuration in permanent memory. nds 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. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is
write filter 25 (config-wlan-qos-filter:wlan0:25) level comma clrscrn default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text> priority background priority best effort</text></text></hexadecimal>	CLI session. Stores the current configuration in permanent memory. nds 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 25 (config-ethernet-qos-filter:eth0:25) 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 26 (config-ethernet-qos-filter:usb0:26) level comn	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 26 (config-wlan-qos-filter:wlan0:26) 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></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-ethernet-qos-filter:eth0:26) 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 27 (config-ethernet-qos-filter:usb0:27) 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 27 (config-wlan-qos-filter:wlan0:27) 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></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%.

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.
nands
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.
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-
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.
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.
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.
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.
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.
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
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 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is
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 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is 10%-100%. Sets the priority to Critical Applications. Bandwidth allo-
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 allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is
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 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-
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 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%.
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 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%-
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 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 Video. Bandwidth allocated is 30%-
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 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 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%.

filter 28 (config-ethernet-qos-filter:usb0:28) level comn	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 28 (config-wlan-qos-filter:wlan0:28) 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.
write	Stores the current configuration in permanent memory.
filter 28 (config-ethernet-qos-filter:eth0:28) level comn	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:usb0:29) lev	el commands
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	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-wlan-qos-filter:wlan0:29) 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 29 (config-ethernet-qos-filter:eth0:29) 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 3 (config-ethernet-qos-filter:usb0:3)	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 3 (config-wlan-qos-filter:wlan0:3) lev	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 3 (config-ethernet-qos-filter:eth0:3) level commar	ds
clrscrn	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
1 - 3	restores the delauit value of the phonty (Excellent Enort).
exit	Exits to the next higher level.
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 en-
exit mac address <hexadecimal></hexadecimal>	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.
exit mac address <hexadecimal> network <text></text></hexadecimal>	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.
exit mac address <hexadecimal> network <text> no mac address</text></hexadecimal>	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.
exit mac address <hexadecimal> network <text> no mac address no network</text></hexadecimal>	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.
exit mac address <hexadecimal> network <text> no mac address no network no ports</text></hexadecimal>	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.
exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text></text></text></hexadecimal>	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
exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text> priority background</text></text></hexadecimal>	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 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is
exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text> priority background priority best effort</text></text></hexadecimal>	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 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is 10%-100%. Sets the priority to Critical Applications. Bandwidth allo-
exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text> priority background priority critical applications</text></text></hexadecimal>	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 10%-100%. Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is
exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text> priority background priority critical applications priority excellent effort</text></text></hexadecimal>	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 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 10%-100%.

	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-ethernet-qos-filter:usb0:30) level c	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 30 (config-wlan-qos-filter:wlan0:30) level con	nmands
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.
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no mac address no network no network no network no ports Permoves the filter Network. Removes the filter Port. Sets the groority to Background. Bandwidth allocated is 5%-100%. priority background Sets the priority to Background. Bandwidth allocated is 10%-100%. priority best effort Sets the priority to Dest Effort. Bandwidth allocated is 10%-100%. Sets the priority to Dest Effort. Bandwidth allocated is 10%-100%. Priority excellent effort Sets the priority to Critical Applications. Bandwidth allocated is 15%-100%. Priority excellent effort Sets the priority to Internetwork Control. Bandwidth allocated is 15%-100%. Priority internetwork control Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%. Priority rideo Sets the priority to Network Control. Bandwidth allocated is 5%-100%. Priority video Sets the priority to Video. Bandwidth allocated is 20%-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. Filter 30 (config-ethernet-qos-filter-etho-30) lovel commands cirsom Clears the screen. Clears the screen. Clears the screen. Sets the priority (Excellent Effort). Sets the filter MAC Address. Each byte is represented by value filt contains spaces. Removes the filter NAC Address. Removes the filter NAC	network <text></text>	Sets the filter Network.
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5%-100%. priority best effort Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.	ports <text></text>	Sets the filter Port.
10%-100%.	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%. Show the current configuration. Shows the current configuration. Shows the current configuration. Shows the current configuration in permanent memory. Priority voice Stores the current configuration in permanent memory. Priority of Clars the screen. Gefault priority Restores the default value of the priority (Excellent Effort). Exits to the next higher level. Back to 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" 125ABC" 125ABC	priority best effort	
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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. no mac address Removes the filter MAC Address. no network Removes the filter Port. ports <text> Sets the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-100%. priority critical applications 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%. Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%. Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.</text></text>	filter 30 (config-ethernet-qos-filter:eth0:30) level commodrscrn	Clears the screen.
network <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> 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 excellent effort 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%. Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.</text></text>	filter 30 (config-ethernet-qos-filter:eth0:30) level commodration classical default priority	Clears the screen. Restores the default value of the priority (Excellent Effort).
no mac address no network Removes the filter Network. Removes the filter Port. Removes the filter Port. Sets the filter Port. Sets the priority to Background. Bandwidth allocated is 5%-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 10%-100%.	filter 30 (config-ethernet-qos-filter:eth0:30) level commodracing classers 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-
no network no ports Removes the filter Network. Removes 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 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%.	filter 30 (config-ethernet-qos-filter:eth0:30) level commodification classers 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.
no ports Removes the filter Port.	filter 30 (config-ethernet-qos-filter:eth0:30) level commodification 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.
ports <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%. Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.</text>	filter 30 (config-ethernet-qos-filter:eth0:30) 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.
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%.	filter 30 (config-ethernet-qos-filter:eth0:30) level commodification 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.
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%.	filter 30 (config-ethernet-qos-filter:eth0:30) level commodification 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 Network. Removes the filter Port.
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%.	filter 30 (config-ethernet-qos-filter:eth0:30) level commod classers default priority exit mac address hexadecimal> network network.no.ports 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
priority internetwork control Sets the priority to Internetwork Control. Bandwidth allocated is 5%-100%.	filter 30 (config-ethernet-qos-filter:eth0:30) 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
cated is 5%-100%.	filter 30 (config-ethernet-qos-filter:eth0:30) 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 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-
priority network control Sets the priority to Network Control. Bandwidth allocated	filter 30 (config-ethernet-qos-filter:eth0:30) level commodification cliscrin default priority exit mac address < hexadecimal> network < text> no mac address no network no ports ports < text> priority background priority critical applications	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 allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is
	filter 30 (config-ethernet-qos-filter:eth0:30) level commoderation classers default priority exit mac address hexadecimal> network hexadecimal> no mac address no network no ports hexadecimal> priority background priority best effort priority critical applications priority excellent 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 Port. Sets the priority to Background. Bandwidth allocated is 5%-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-

	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:usb0:31) 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 31 (config-wlan-qos-filter:wlan0:31) 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></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	CLI session. Stores the current configuration in permanent memory.
write filter 31 (config-ethernet-qos-filter:eth0:31) level comm	Stores the current configuration in permanent memory.
	Stores the current configuration in permanent memory.
filter 31 (config-ethernet-qos-filter:eth0:31) level comm	Stores the current configuration in permanent memory.
filter 31 (config-ethernet-qos-filter:eth0:31) level commo	Stores the current configuration in permanent memory. nands Clears the screen.
filter 31 (config-ethernet-qos-filter:eth0:31) level comn clrscrn default priority	Stores the current configuration in permanent memory. nands Clears the screen. Restores the default value of the priority (Excellent Effort).
filter 31 (config-ethernet-qos-filter:eth0:31) level commodracing default priority exit	Stores the current configuration in permanent memory. nands 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 31 (config-ethernet-qos-filter:eth0:31) level commodification default priority exit mac address < hexadecimal>	Stores the current configuration in permanent memory. 1ands 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 31 (config-ethernet-qos-filter:eth0:31) level commodification clirscrin default priority exit mac address < hexadecimal > network < text>	Stores the current configuration in permanent memory. Stores the screen.
filter 31 (config-ethernet-qos-filter:eth0:31) level commodification default priority exit mac address < hexadecimal > network < text > no mac address	Stores the current configuration in permanent memory. Inands 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 31 (config-ethernet-qos-filter:eth0:31) level commodification clirscrin default priority exit mac address < hexadecimal > network < text > no mac address no network	Stores the current configuration in permanent memory. 1ands 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 31 (config-ethernet-qos-filter:eth0:31) level commodification clirscrin default priority exit mac address < hexadecimal > network < text > no mac address no network no ports	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. Sets the filter Network. Removes the filter MAC Address. Removes the filter Network. Removes the filter Port.
filter 31 (config-ethernet-qos-filter:eth0:31) level commodification 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. 1ands 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 31 (config-ethernet-qos-filter:eth0:31) level commodification clirscrin 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. 1ands 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. Sets the priority to Background. Bandwidth allocated is 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is
filter 31 (config-ethernet-qos-filter:eth0:31) level commodification clirscrin 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. 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. 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
priority rections control	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:usb0:32) leve	l 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-wlan-qos-filter:wlan0:32) level co	ommands
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 of	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 4 (config-ethernet-qos-filter:usb0:4) level co	ommands
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 4 (config-wlan-qos-filter:wlan0:4) 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 4 (config-ethernet-qos-filter:eth0:4) level commar	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></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 5 (config-ethernet-qos-filter:usb0:5) level co	ommands
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 5 (config-wlan-qos-filter:wlan0:5) level commands	S
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 5 (config-ethernet-qos-filter:eth0:5) level comman	ids
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 6 (config-ethernet-qos-filter:usb0:6) level comma	inds
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	3 /0-100 /0.
	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%.
priority critical applications	Sets the priority to Best Effort. Bandwidth allocated is
priority critical applications priority excellent effort	Sets the priority to Best Effort. Bandwidth allocated is 10%-100%. Sets the priority to Critical Applications. Bandwidth allo-
, , , , ,	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
priority excellent effort	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 excellent effort priority internetwork control	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
priority excellent effort priority internetwork control priority network control	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%-
priority excellent effort priority internetwork control priority network control priority video	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%-

	CLI session.
write	Stores the current configuration in permanent memory.
filter 6 (config-wlan-qos-filter:wlan0:6) 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 6 (config-ethernet-qos-filter:eth0:6) level com	nmands
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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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 7 (config-ethernet-qos-filter:usb0:7) 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></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 7 (config-wlan-qos-filter:wlan0:7) level com	nmands
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 7 (config-ethernet-qos-filter:eth0:7) level co	ommands
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 8 (config-ethernet-qos-filter:usb0:8) level comma	nds
clrscrn	Clears the screen.
UIOUII	Clears the screen.
default priority	Restores the default value of the priority (Excellent Effort).
default priority	Restores the default value of the priority (Excellent Effort).
default priority exit	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-
default priority exit mac address <hexadecimal></hexadecimal>	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.
default priority exit mac address <hexadecimal> network <text></text></hexadecimal>	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.
default priority exit mac address <hexadecimal> network <text> no mac address</text></hexadecimal>	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.
default priority exit mac address <hexadecimal> network <text> no mac address no network</text></hexadecimal>	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.
default priority exit mac address <hexadecimal> network <text> no mac address no network no ports</text></hexadecimal>	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.
default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text></text></text></hexadecimal>	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
default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text> priority background</text></text></hexadecimal>	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 Best Effort. Bandwidth allocated is
default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text> priority background priority best effort</text></text></hexadecimal>	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 10%-100%. Sets the priority to Critical Applications. Bandwidth allo-
default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text> priority background priority critical applications</text></text></hexadecimal>	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 allocated is 15%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is
default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text> priority background priority critical applications priority excellent effort</text></text></hexadecimal>	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 10%-100%. Sets the priority to Excellent Effort. Bandwidth allocated is 10%-100%. Sets the priority to Internetwork Control. Bandwidth allo-

	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-wlan-qos-filter:wlan0:8) level comman	
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	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 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.
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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.
Wite	otores the current configuration in permanent memory.
filter 9 (config-ethernet-qos-filter:usb0:9) level comma	
filter 9 (config-ethernet-qos-filter:usb0:9) level comma	nds
filter 9 (config-ethernet-qos-filter:usb0:9) level comma	Clears the screen.
filter 9 (config-ethernet-qos-filter:usb0:9) level comma clrscrn default priority	Clears the screen. Restores the default value of the priority (Excellent Effort).
filter 9 (config-ethernet-qos-filter:usb0:9) level comma 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 9 (config-ethernet-qos-filter:usb0:9) level comma clrscrn default priority exit mac address <hexadecimal></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 9 (config-ethernet-qos-filter:usb0:9) level comma clrscrn default priority exit mac address <hexadecimal> network <text></text></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. Sets the filter Network.
filter 9 (config-ethernet-qos-filter:usb0:9) level comma clrscrn default priority exit mac address <hexadecimal> network <text> no mac address</text></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. Sets the filter Network. Removes the filter MAC Address.
filter 9 (config-ethernet-qos-filter:usb0:9) level comma clrscrn default priority exit mac address <hexadecimal> network <text> no mac address no network</text></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. Sets the filter Network. Removes the filter MAC Address. Removes the filter Network.
filter 9 (config-ethernet-qos-filter:usb0:9) level comma clrscrn default priority exit mac address <hexadecimal> network <text> no mac address no network no ports</text></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. Sets the filter Network. Removes the filter MAC Address. Removes the filter Port.
filter 9 (config-ethernet-qos-filter:usb0:9) level comma clrscrn default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text></text></text></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. Sets the filter Network. Removes the filter MAC Address. Removes the filter Port. Sets the priority to Background. Bandwidth allocated is
filter 9 (config-ethernet-qos-filter:usb0:9) level comma clrscrn default priority exit mac address <hexadecimal> network <text> no mac address no network no ports ports <text> priority background</text></text></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. 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 5%-100%. Sets the priority to Best Effort. Bandwidth allocated is
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	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 9 (config-wlan-qos-filter:wlan0:9) level o	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 9 (config-ethernet-qos-filter:eth0:9) leve	l 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"

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tions. no reminder interval Clears the FTP Put reminder interval. FTP Put is sent	mode sequential	
	mode simultaneous	I ·
	no reminder interval	

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:usb0 link state change) l	
cirscrn	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:on scheduled reboot) lev	vel commands
clrscrn	Clears the screen.
	Clears the screen. Enters the next lower level. Specify the instance for the next lower level.
clrscrn	Enters the next lower level. Specify the instance for the
clrscrn connection <instance></instance>	Enters the next lower level. Specify the instance for the next lower level.
clrscrn connection <instance> default mode</instance>	Enters the next lower level. Specify the instance for the next lower level. Sets default of simultaneous connection mode.
clrscrn connection <instance> default mode exit</instance>	Enters the next lower level. Specify the instance for the next lower level. Sets default of simultaneous connection mode. Exits to the next higher level. Sets sequential mode; will stop after first connection that
clrscrn connection <instance> default mode exit mode sequential</instance>	Enters the next lower level. Specify the instance for the next lower level. Sets default of simultaneous connection mode. Exits to the next higher level. Sets sequential mode; will stop after first connection that goes through. Sets simultaneous mode; will make all possible connec-
clrscrn connection <instance> default mode exit mode sequential mode simultaneous</instance>	Enters the next lower level. Specify the instance for the next lower level. Sets default of simultaneous connection mode. Exits to the next higher level. Sets sequential mode; will stop after first connection that goes through. Sets simultaneous mode; will make all possible connections. Clears the FTP Put reminder interval. FTP Put is sent
clrscrn connection <instance> default mode exit mode sequential mode simultaneous no reminder interval</instance>	Enters the next lower level. Specify the instance for the next lower level. Sets default of simultaneous connection mode. Exits to the next higher level. Sets sequential mode; will stop after first connection that goes through. Sets simultaneous mode; will make all possible connections. Clears the FTP Put reminder interval. FTP Put is sent once only.
clrscrn connection <instance> default mode exit mode sequential mode simultaneous no reminder interval reminder interval <minutes></minutes></instance>	Enters the next lower level. Specify the instance for the next lower level. Sets default of simultaneous connection mode. Exits to the next higher level. Sets sequential mode; will stop after first connection that goes through. Sets simultaneous mode; will make all possible connections. Clears the FTP Put reminder interval. FTP Put is sent once only. Sets the FTP Put reminder interval. Shows the current configuration.
clrscrn connection <instance> default mode exit mode sequential mode simultaneous no reminder interval reminder interval <minutes> show</minutes></instance>	Enters the next lower level. Specify the instance for the next lower level. Sets default of simultaneous connection mode. Exits to the next higher level. Sets sequential mode; will stop after first connection that goes through. Sets simultaneous mode; will make all possible connections. Clears the FTP Put reminder interval. FTP Put is sent once only. Sets the FTP Put reminder interval. Shows the current configuration. Displays the last 20 commands entered during the current
connection <instance> default mode exit mode sequential mode simultaneous no reminder interval reminder interval <instance <instance=""> interval <instance> interval <instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance></instance>	Enters the next lower level. Specify the instance for the next lower level. Sets default of simultaneous connection mode. Exits to the next higher level. Sets sequential mode; will stop after first connection that goes through. Sets simultaneous mode; will make all possible connections. Clears the FTP Put reminder interval. FTP Put is sent once only. Sets the FTP Put reminder interval. Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory.
clrscrn connection <instance> default mode exit mode sequential mode simultaneous no reminder interval reminder interval <ininutes> show show history write ftp put (config-action-ftp_put:eth0 link state change) lectorscrn</ininutes></instance>	Enters the next lower level. Specify the instance for the next lower level. Sets default of simultaneous connection mode. Exits to the next higher level. Sets sequential mode; will stop after first connection that goes through. Sets simultaneous mode; will make all possible connections. Clears the FTP Put reminder interval. FTP Put is sent once only. Sets the FTP Put reminder interval. Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory.
connection <instance> default mode exit mode sequential mode simultaneous no reminder interval reminder interval <instance> show show history write ftp put (config-action-ftp_put:eth0 link state change) leading to the connection of the connectio</instance></instance>	Enters the next lower level. Specify the instance for the next lower level. Sets default of simultaneous connection mode. Exits to the next higher level. Sets sequential mode; will stop after first connection that goes through. Sets simultaneous mode; will make all possible connections. Clears the FTP Put reminder interval. FTP Put is sent once only. Sets the FTP Put reminder interval. Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory.
clrscrn connection <instance> default mode exit mode sequential mode simultaneous no reminder interval reminder interval <ininutes> show show history write ftp put (config-action-ftp_put:eth0 link state change) lectorscrn</ininutes></instance>	Enters the next lower level. Specify the instance for the next lower level. Sets default of simultaneous connection mode. Exits to the next higher level. Sets sequential mode; will stop after first connection that goes through. Sets simultaneous mode; will make all possible connections. Clears the FTP Put reminder interval. FTP Put is sent once only. Sets the FTP Put reminder interval. Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory. Evel commands Clears the screen. Enters the next lower level. Specify the instance for the
connection <instance> default mode exit mode sequential mode simultaneous no reminder interval reminder interval <ininutes> show show history write ftp put (config-action-ftp_put:eth0 link state change) lectrscrn connection <instance></instance></ininutes></instance>	Enters the next lower level. Specify the instance for the next lower level. Sets default of simultaneous connection mode. Exits to the next higher level. Sets sequential mode; will stop after first connection that goes through. Sets simultaneous mode; will make all possible connections. Clears the FTP Put reminder interval. FTP Put is sent once only. Sets the FTP Put reminder interval. Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory. Sevel commands Clears the screen. Enters the next lower level. Specify the instance for the next lower level. Sets default of simultaneous connection mode. Exits to the next higher level.
connection <instance> default mode exit mode sequential mode simultaneous no reminder interval reminder interval <inimutes> show show history write ftp put (config-action-ftp_put:eth0 link state change) localization connection <instance> default mode</instance></inimutes></instance>	Enters the next lower level. Specify the instance for the next lower level. Sets default of simultaneous connection mode. Exits to the next higher level. Sets sequential mode; will stop after first connection that goes through. Sets simultaneous mode; will make all possible connections. Clears the FTP Put reminder interval. FTP Put is sent once only. Sets the FTP Put reminder interval. Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory. Sevel commands Clears the screen. Enters the next lower level. Specify the instance for the next lower level. Sets default of simultaneous connection mode.

	tions.
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.
gateway (config-gateway) level commands	
add forwarding rule <start port=""> <end port=""> <pre> <ip></ip></pre></end></start>	Add a forwarding rule without a name.
add forwarding rule <start port=""> <end port=""> <target port=""> <pre><pre><pre>cprotocol> <ingress ip=""> <ip></ip></ingress></pre></pre></pre></target></end></start>	Add a forwarding rule based on ip address without a name.
add forwarding rule with name <name> <start port=""> <end port=""> <pre>port> <pre> <ip> <ip> <ip> <ip> <ip> <ip> <ip> <ip< td=""><td>Add a forwarding rule with a name.</td></ip<></ip></ip></ip></ip></ip></ip></ip></pre></pre></end></start></name>	Add a forwarding rule with a name.
add forwarding rule with name <name> <start port=""> <tar- get port> <end port=""> <protocol> <ingress ip=""> <ip></ip></ingress></protocol></end></tar- </start></name>	Add a forwarding rule based on ip address with a name.
add mac address filter <mac address=""> <action></action></mac>	Add a MAC Address filter.
add route <network> <gateway> <interface> <metric></metric></interface></gateway></network>	Add a static route without a name.
add route with name <name> <network> <gateway> <interface> <metric></metric></interface></gateway></network></name>	Add a static route with a name.
add virtual ip <ip address=""> <lan address="" ip=""></lan></ip>	Add a Virtual IP.
add virtual ip with name <name> <ip address=""> <lan address="" ip=""></lan></ip></name>	Add a Virtual IP with name.
clrscrn	Clears the screen.
default operating mode	Restores operating mode to the default value (Disabled).
default router ip address	Restores IP address of router to the default value.
default router ipv6 address	Clears the IPv6 address of router.
default wan interface	Restores preferred WAN interface to the default value.
delete all mac address filters	Deletes all mac address filters.
delete all routes	Deletes all static routes.
delete all rules	Deletes all port forwarding rules.
delete all virtual ip	Deletes all virtual interfaces.
delete mac address filter <instance></instance>	Deletes an entry from the mac address filters <instance> = index of the entry being removed</instance>
delete route <instance></instance>	Deletes an entry from the static routes <instance> = index of the entry being removed.</instance>
delete rule <instance></instance>	Deletes an entry from the port forwarding rules <instance> = index of the entry being removed.</instance>
delete virtual ip <instance></instance>	Delete virtual ip <instance> = index of the ip being removed.</instance>
dhcpserver	Enters the dhcpserver level.
exit	Returns to the config level.
firewall disable	Disables firewall on WAN interface.
firewall enable	Enables firewall on WAN interface.
mac address filter <number></number>	Change to config mac filter level.
	Distribution MAG Addissis Strategy
mac address filter disable	Disables MAC Address filtering.

no primary dns	Clears the name of the primary DNS server.
no secondary dns	Clears the name of the secondary DNS server.
operating mode disabled	Disables routing on WAN interface.
operating mode disabled	Enables routing with NAT on WAN interface.
operating mode gateway	Enables routing with NAT on WAN interface.
	-
port forwarding rule <number> primary dns <ip address=""></ip></number>	Change to config gateway port forwarding level.
	Sets the IP address of the primary DNS server.
router ip address <ip address="" cidr=""></ip>	Sets the IP address of router. Formats accepted: 192.168.1.1 (default mask) 192.168.1.1/24 (CIDR) "192.168.1.1 255.255.255.0" (explicit mask)
router ipv6 address <ipv6 address="" prefix=""></ipv6>	Sets the IPv6 address of router. IPv6 addresses are written in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix
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 <number></number>	Change to config gateway static route level.
virtual ip <number></number>	Change to virtual ip level.
wan interface <text></text>	Sets the preferred WAN interface. <text> = interface name.</text>
write	Stores the current configuration in permanent memory.
gre 1 (config-gre:1) level commands	
clrscrn	Clears the screen.
default local network	Restores the default local network name.
default mtu	Restores the default Maximum Transmission Unit (MTU) size.
exit	Exits to the config level.
gre <instance></instance>	Change to gre level.
ip address <text></text>	Sets the IP address and network mask.
local network <text></text>	Sets the local network name. <text> = local network name.</text>
mtu <bytes></bytes>	Sets the Maximum Transmission Unit (MTU) size.
name <text></text>	Sets the name. <text> = name.</text>
no ip address	Clears the IP address.
no name	Clears the name.
no remote host	Clear the remote host.
no remote network	Clears the remote network IP address.
remote host <text></text>	Sets the remote host. <text> = remote host.</text>
remote network <text></text>	Sets the remote network IP address and network mask.
show	Displays the current configuration.

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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.
no tcp user timeout	Restores the default.
port <number></number>	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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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: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 con-

	tains 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 connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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></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 connect mode tunneling 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.
initial send binary send binary binary>	Sets the host connect tunnel Initial Send text allowing for binary characters. string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL cli-
	ent.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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 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.

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 10 (tunnel-connect-host:3:10) 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 < <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 <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 connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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: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 <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 connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
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.
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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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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></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 connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. string in binary format that

	will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connec-</text>
	tion.
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
port <number></number>	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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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 (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:3:11) 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 <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 connect mode tunneling 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.

address <text></text>	Sets the remote host to establish tunneling connections
host 11 (tunnel-connect-host:2:11) level comr	
write	Stores the current configuration in permanent memory.
validate certificate enable	Requires verification of the server certificate when connecting.
validate certificate disable	Skips verification of the server certificate when connecting.
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout value, in milliseconds.</milliseconds>
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = TCP keep alive for connect mode 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 user timeout	Restores the default.
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 initial send	Removes the host connect tunnel Initial Send string.
no credentials	Clears the RSA/DSA certificate selection for the SSL client.
no aes encrypt key	Removes the connect tunnel AES encrypt key.
no aes decrypt key	neling connections. Removes the connect tunnel AES decrypt key.
no address	Removes the remote host address used to establish tun-
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connec-</text>
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.

	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>	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 connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
port <number></number>	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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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.
write host 11 (tunnel-connect-host:1:11) level commands	
host 11 (tunnel-connect-host:1:11) level commands	Stores the current configuration in permanent memory. Sets the remote host to establish tunneling connections
host 11 (tunnel-connect-host:1:11) level commands address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host. 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 11 (tunnel-connect-host:1:11) 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 11 (tunnel-connect-host:1:11) 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>
host 11 (tunnel-connect-host:1:11) level commands 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 spaces.</text>
host 11 (tunnel-connect-host:1:11) level commands 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>

default protocol	Restores the default connect mode tunneling protocol as
default tcp keep alive	'TCP'. Restores the default 45 second connect mode TCP keep
	alive timeout.
exit	Exits to the next higher level.
initial send binary hinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. <pre></pre>
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
port <number></number>	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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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. <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 12 (tunnel-connect-host:3:12) level comm	nands
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 connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds></milliseconds>

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allowing for format that Within [] use
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stablish tun-
/ .
/. /.
/ .

	nections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
no tcp user timeout	Restores the default.
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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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 (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 <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
cirscrn	Clears the screen.
credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL client.
default protocol	Restores the default connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. binary characters. binary> = string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
port <number></number>	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</text>

	name.
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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	
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 <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:3:13) level comm	nands
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 connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. sinary = string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
port <number></number>	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.

ssh username <fext> Sets the SSH user name for use when establishing tunneling connections with other devices. <fext> = SSH user name. top keep alive <milliseconds> Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds. <milliseconds="" <milliseconds.="TCP" =="" alive="" and="" connect="" for="" in="" keep="" milliseconds.="" mode="" retransmissions.="" sets="" tcp="" the="" timeout="" timer.="" tunneling=""> = timeout value, in milliseconds. Sets the timeout for TCP retransmissions. <milliseconds> = timeout value, in milliseconds. Sets the timeout for TCP retransmissions. <milliseconds> = timeout value, in milliseconds. Skips verification of the server certificate when connecting. write Stores the current configuration in permanent memory. Nost 13 (tunnel-connect-host:2:13) level commands address <fext> Sets the remote host to establish tunneling connections with. <fext> = 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 *123 ABC *123.ABC *123.A</fext></fext></milliseconds></milliseconds></milliseconds.></milliseconds></fext></fext>	show statistics	show connection statistics
sets the timer. = TCP keep alive for connect mode in miliseconds"> = TCP keep alive for connect mode in miliseconds top user timeout = TCP keep alive for connect mode in miliseconds . Sets the timeout for TCP retransmissions. = TCP keep alive for connect mode in miliseconds . validate certificate disable Skips verification of the server certificate when connecting. Requires verification of the server certificate when connecting. Stores the current configuration in permanent memory. **Not: 13 (tunnol-connect-host: 2:13) loval commands address = TcP keep alive for connections with = TcP keep alive for connections with = TcP keep alive for connections with = TcP keep alive for connections for connectio	ssh username <text></text>	neling connections with other devices. <text> = SSH user</text>
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with . <pre></pre>	host 13 (tunnel-connect-host:2:13) level commands	
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:	address <text></text>	
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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 clears the screen. Clears the screen. Credentials <text> Selects the RSA/DSA certificates by name for the SSL client. default protocol Restores the default connect mode tunneling protocol as TCP'. default top keep alive exit Exits to the next higher level. Sets the host connect tunnel Initial Send text allowing for binary characters. binary = string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF. Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text></text></text>	aes decrypt key text <text></text>	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. auto show statistics show connection statistics clrscrn Clears the screen. credentials <text> Selects the RSA/DSA certificates by name for the SSL client. default protocol Restores the default connect mode tunneling 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. initial send binary binary> Sets the host connect tunnel Initial Send text allowing for binary characters. binary decimal up to 255 or hex up to 0xFF. Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text></text>	aes encrypt key <hexadecimal></hexadecimal>	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-
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default protocol Restores the default connect mode tunneling protocol as 'TCP'. default tcp keep alive Restores the default 45 second connect mode TCP keep alive timeout. Exits to the next higher level. Sets the host connect tunnel Initial Send text allowing for binary characters. vill be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF. Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>	clrscrn	Clears the screen.
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ascii string that will be sent out the network upon connection.	initial send binary binary>	binary characters. string in binary format that will be sent out the network upon connection. Within [] use
no address Removes the remote host address used to establish tun-	initial send set <text></text>	ascii string that will be sent out the network upon connec-
	no address	Removes the remote host address used to establish tun-

aes decrypt key text <text></text>	Sets the connect tunnel AES decrypt key with up to 16
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.
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
host 13 (tunnel-connect-host:1:13) level commands	
write	Stores the current configuration in permanent memory.
validate certificate enable	Requires verification of the server certificate when connecting.
validate certificate disable	Skips verification of the server certificate when connecting.
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout value, in milliseconds.</milliseconds>
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = TCP keep alive for connect mode 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 user timeout	Restores the default.
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 initial send	ent. Removes the host connect tunnel Initial Send string.
no credentials	Clears the RSA/DSA certificate selection for the SSL cli-
no aes decrypt key no aes encrypt key	Removes the connect tunnel AES encrypt key.
	Removes the connect tunnel AES decrypt key.

	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 connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. sinary> = string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
port <number></number>	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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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 <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 14 (tunnel-connect-host:3:14) 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 <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 connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. sinary> = string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
port <number></number>	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 tunnel-

	ing.
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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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: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 <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 connect mode tunneling 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.

address <text></text>	Sets the remote host to establish tunneling connections
host 14 (tunnel-connect-host:1:14) level comma	
write	Stores the current configuration in permanent memory.
validate certificate enable	Requires verification of the server certificate when connecting.
validate certificate disable	Skips verification of the server certificate when connecting.
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout value, in milliseconds.</milliseconds>
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = TCP keep alive for connect mode 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 user timeout	Restores the default.
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 initial send	Removes the host connect tunnel Initial Send string.
no credentials	Clears the RSA/DSA certificate selection for the SSL cli- ent.
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.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
initial send binary hinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.

	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 connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. sinary> = string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
port <number></number>	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.

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write	Stores the current configuration in permanent memory.
host 15 (tunnel-connect-host:3:15) 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 <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 connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.

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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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: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 <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.
aes encrypt key text <text> auto show statistics</text>	bytes. Each byte is represented by a single character. Note that quotes must enclose the value if it contains

cirscrn	Clears the screen.
credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL client.
default protocol	Restores the default connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. <binary> = string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.</binary>
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds></milliseconds>

	= timeout value, in 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 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 connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
no address	Removes the remote host address used to establish tunneling connections.
no aes decrypt key	Removes the connect tunnel AES decrypt key.
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no aes encrypt key	Removes the connect tunnel AES encrypt key.
no aes encrypt key	Removes the connect tunnel AES encrypt key. Clears the RSA/DSA certificate selection for the SSL cli-

nections.
Removes the SSH user name.
Disables the connect mode TCP keep alive timeout.
Restores the default.
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 name.</text>
Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = TCP keep alive for connect mode in milliseconds.</milliseconds>
Sets the timeout for TCP retransmissions. <milliseconds> = timeout value, in milliseconds.</milliseconds>
Skips verification of the server certificate when connecting.
Requires verification of the server certificate when connecting.
Stores the current configuration in permanent memory.
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>
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.</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:3:16) 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 <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 connect mode tunneling 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.
initial send binary send binary binary>	Sets the host connect tunnel Initial Send text allowing for binary characters. string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.

no initial send	Removes the host connect tunnel Initial Send string.
no port	Removes the remote port used to establish tunnel con-
no port	nections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
no tcp user timeout	Restores the default.
port <number></number>	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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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: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 <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 connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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 <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 connect mode tunneling 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.
initial send binary binary>	Sets the host connect tunnel Initial Send text allowing for binary characters. string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
no address	Removes the remote host address used to establish tunneling connections.

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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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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 <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. <a href="text</td></tr><tr><td>write</td><td>Stores the current configuration in permanent memory.</td></tr><tr><td>host 17 (config-host:17) level commands</td><td></td></tr><tr><td>clrscrn</td><td>Clears the screen.</td></tr><tr><td>default protocol</td><td>Restores the default value of the protocol (Telnet).</td></tr><tr><td>default remote port</td><td>Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.</td></tr><tr><td>exit</td><td>Exits to the configuration level.</td></tr><tr><td>host <number></td><td>Change to config host level</td></tr><tr><td>name <text></td><td>Sets the name of the host. <text> = name of the host.</td></tr><tr><td>no name</td><td>Clears the name of the host.</td></tr><tr><td>no remote address</td><td>Clears the remote address of the host.</td></tr><tr><td>no ssh username</td><td>Clears the SSH username associated with the host.</td></tr><tr><td>protocol ssh</td><td>Sets the protocol to SSH.</td></tr><tr><td>protocol telnet</td><td>Sets the protocol to Telnet.</td></tr><tr><td>remote address <text></td><td>Sets the IP address of the remote host to connect to when this host is selected on the login connect menu. <text> = IP address.</td></tr><tr><td>remote port <number></td><td>Sets the remote port used to connect to the host. <num-
ber> = port to be used.</td></tr><tr><td>show</td><td>Displays the current configuration.</td></tr><tr><td>show history</td><td>Displays the last 20 commands entered during the current CLI session.</td></tr><tr><td>ssh username <text></td><td>Sets the username for logging into the host via SSH.

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 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:3:2) 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 <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 connect mode tunneling 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.
initial send binary < <i>binary</i> >	Sets the host connect tunnel Initial Send text allowing for binary characters. string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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: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 <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></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 connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.

initial send set <text></text>	Cote the heat connect tunnel latted Condition of the
initial send set sext>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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 1: 12:3a:bc Note that quotes must enclose the vitains spaces. aes decrypt key text <text> Sets the connect tunnel AES decrypt key with bytes. Each byte is represented by a single ch</text>	
	alue II II COII-
Note that quotes must enclose the value if it c spaces.	naracter.
aes encrypt key <hexadecimal> Sets the connect tunnel AES encrypt key with bytes. Each byte is represented by two adjaces its. Bytes may run together or be separated by punctuation: 123ABC "12 3A BC" 12,3A,BC 12:3a:bc Note that quotes must enclose the vitains spaces.</hexadecimal>	ent hex dig- y optional 2.3a.bc
aes encrypt key text <text> Sets the connect tunnel AES encrypt key with bytes. Each byte is represented by a single choose the value if it contents are spaces.</text>	naracter.
auto show statistics show connection statistics	
clrscrn Clears the screen.	
credentials <text> Selects the RSA/DSA certificates by name for client.</text>	the SSL
default protocol Restores the default connect mode tunneling 'TCP'.	protocol as
default tcp keep alive Restores the default 45 second connect mode alive timeout.	TCP keep
exit Exits to the next higher level.	
initial send binary <i><binary></binary></i> Sets the host connect tunnel Initial Send text a binary characters. <i><binary></binary></i> = string in binary will be sent out the network upon connection. binary decimal up to 255 or hex up to 0xFF.	format that
initial send set <text> Sets the host connect tunnel Initial Send text. ascii string that will be sent out the network up tion.</text>	
no address Removes the remote host address used to es neling connections.	tablish tun-
no aes decrypt key Removes the connect tunnel AES decrypt key	<i>1</i> .
no aes encrypt key Removes the connect tunnel AES encrypt key	<i>l</i> .
no credentials Clears the RSA/DSA certificate selection for the ent.	he SSL cli-
no initial send Removes the host connect tunnel Initial Send	string.
no port Removes the remote port used to establish tu nections.	nnel con-
no ssh username Removes the SSH user name.	
no tcp keep alive Disables the connect mode TCP keep alive tir	meout.
no tcp user timeout Restores the default.	
	tunneling.
port <number> Sets the remote port to use for connect mode <number> = number of the port to use.</number></number>	
	g.
composition of the port to use.	g.
<pre>conumber > = number of the port to use.</pre> protocol ssh Uses SSH protocol for connect mode tunneling	g. g.

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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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.
host <number></number>	Exits to the configuration level. Change to config host level
	_
host <number></number>	Change to config host level
host <number> name <text></text></number>	Change to config host level Sets the name of the host. <text> = name of the host.</text>
host <number> name <text> no name</text></number>	Change to config host level Sets the name of the host. <text> = name of the host. Clears the name of the host.</text>
host <number> name <text> no name no remote address</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.</text>
host <number> name <text> no name no remote address no ssh username</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.</text>
host <number> name <text> no name no remote address no ssh username protocol ssh</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>
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. 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> =</text></text>
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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>	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.</number></text></text>
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>	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</number></text></text>
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>	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.</number></text></text>
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 ssh username <text></text></number></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 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>
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 ssh username <text> write</text></number></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 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>

change to config host level aname <fext> Sets the name of the host. <fext> = name of the host. Clears the sSH username associated with the host. Sets the protocol to SSH. protocol ssh Sets the protocol to Telnet. Sets the IP address of the remote host to connect to wher this host is selected on the login connect menu. <fext> = IP address. Sets the iP address of the remote host to connect to wher this host is selected on the login connect menu. <fext> = IP address. Sets the remote port used to connect to the host. <number> = port to be used. Show Displays the current configuration. Show history Displays the last 20 commands entered during the current CLI session. Sets the username for logging into the host via SSH. <fext> = username. Stores the current configuration in permanent memory. **Note 21 (config-host-21) level commands** Clears the screen. Clears the screen. Clears the screen. Clears the screen. Clears 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. Exits to the configuration level. host <number> Change to config host level Sets the name of the host. <le> Clears the name of the host. Clears the remote address of the host. Clears the sph username associated with the host. Clears the sph username associated with the host. Sets the protocol to SSH. Sets the protocol t</le></number></fext></number></fext></fext></fext></fext>	default remote port	Sets the remote port (used to connect to the host) to the default value, which depends on the selected protocol.
Sets the name of the host. text Sets the name of the host. text = name of the host. In name Clears the name of the host. Clears the name of the host. Clears the name of the host. Clears the SSH username associated with the host. Sets the protocol to SSH. Sets the protocol to Telhet. Sets the set address of the remote host to connect to where this host is selected on the login connect menu. text Femole port text Femole port sets the remote port used to connect to the host. Femole port sets the remote port used to connect to the host. Sets the username to the protocol or the host or the protocol or the pr	exit	Exits to the configuration level.
Clears the name of the host.	host <number></number>	Change to config host level
Clears the remote address of the host.	name <text></text>	Sets the name of the host. <text> = name of the host.</text>
Clears the SSH username Clears the SSH username associated with the host.	no name	Clears the name of the host.
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clrscrn Clears the screen.	write	Stores the current configuration in permanent memory.
	host 24 (config-host:24) level command	ls
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	default protocol	Restores the default value of the protocol (Telnet).

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Displays the last 20 commands entered during the current CLI session.	remote port <number></number>	
CLI session.	show	Displays the current configuration.
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<pre>ctext> = username. write Stores the current configuration in permanent memory. host 26 (config-host:26) level commands clrscrn Clears the screen.</pre>	show history	Displays the last 20 commands entered during the current CLI session.
host 26 (config-host:26) level commands clrscrn Clears the screen.	ssh username <text></text>	
clrscrn Clears the screen.	write	
	host 26 (config-host:26) level command	Is
default protocol Restores the default value of the protocol (Telnet).	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 27 (config-host:27) level command	s
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 28 (config-host:28) level command	s
clrscrn	Clears the screen.
default protocol	Restores the default value of the protocol (Telnet).

default remote port default value, which depends on the selected protocol. exit Exits to the configuration level. host
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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 connect mode tunneling 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.
initial send binary < <i>binary</i> >	Sets the host connect tunnel Initial Send text allowing for binary characters. binary characters. binary = string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
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 aes Uses TCP protocol for connect mode tunneling. Uses TCP protocol with AES encryption for connect mode tunneling. protocol teinet Uses Teinet protocol (with IAC) for connect mode tunneling. protocol udp Uses UDP protocol for connect mode tunneling. Uses UDP protocol with AES encryption for connect mode tunneling. Uses UDP protocol with AES encryption for connect mode tunneling. Show Show the current configuration. Shows the current configuration. Shows the current configuration. Show statistics Show connection statistics Show connection statistics Show connection statistics Show this for y connection statistics Show the rame for use when establishing tunneling connections with other devices. <text> = SSH user name. tcp keep alive <tertificate variiliseconds=""> Enables TCP keep alive for connect mode tunneling and sets the timer. <tertificate 16<="" <tertificate="" aes="" and="" certificate="" connect="" connecting.="" decrypt="" disable="" enable="" for="" in="" key="" milliseconds.="" mode="" of="" requires="" retransmissions,="" server="" sets="" tcp="" th="" the="" timeout="" timer.="" to="" tunneling="" unnel="" up="" validate="" verification="" when="" williseconds="" with=""><th></th><th></th></tertificate></tertificate></text>		
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credentials <text> Selects the RSA/DSA certificates by name for the SSL client.</text>	host 3 (tunnel-connect-host:2:3) level commands 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>
client.	host 3 (tunnel-connect-host:2:3) level commands 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>
default protocol Restores the default connect mode tunneling protocol as	host 3 (tunnel-connect-host:2:3) level commands address <text> aes decrypt key <hexadecimal> aes decrypt key text <text> aes encrypt key <hexadecimal> aes encrypt key text <text> auto show statistics</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>
	host 3 (tunnel-connect-host:2:3) level commands address <text> aes decrypt key <hexadecimal> aes decrypt key text <text> aes encrypt key <hexadecimal> aes encrypt key text <text> auto show statistics clrscrn</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. 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 screen. Selects the RSA/DSA certificates by name for the SSL</text>

	'TCP'.
default tcp keep alive	Restores the default 45 second connect mode TCP keep alive timeout.
exit	Exits to the next higher level.
initial send binary < <i>binary</i> >	Sets the host connect tunnel Initial Send text allowing for binary characters. string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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 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 <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 connect mode tunneling 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.
initial send binary < <i>binary</i> >	Sets the host connect tunnel Initial Send text allowing for binary characters. <pre></pre>
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no top keep alive	Disables the connect mode TCP keep alive timeout.

no tcp user timeout	Restores the default.
port <number></number>	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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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 (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	le
CAL	Exits to the configuration level.
host <number></number>	Change to config host level
host <number></number>	Change to config host level
host <number> name <text></text></number>	Change to config host level Sets the name of the host. <text> = name of the host.</text>
host <number> name <text> no name</text></number>	Change to config host level Sets the name of the host. <text> = name of the host. Clears the name of the host.</text>
host <number> name <text> no name no remote address</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.</text>
host <number> name <text> no name no remote address no ssh username</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.</text>
host <number> name <text> no name no remote address no ssh username protocol ssh</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>
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. 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> =</text></text>

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> = 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 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> =</text>
	IP address.
remote port <number></number>	IP address. Sets the remote port used to connect to the host. <number> = port to be used.</number>

show history	Displays the last 20 commands entered during the current
Show history	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. <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 4 (tunnel-connect-host:3:4) 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 <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
cirscrn	Clears the screen.
credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL client.
default protocol	Restores the default connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. <pre></pre>
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
port <number></number>	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> = TCP keep alive for connect mode in milliseconds.</milliseconds>

tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions, <milliseconds></milliseconds>
<u> </u>	= timeout value, in 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:2:4) 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 <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 connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. sinary> = string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.

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.
no tcp user timeout	Restores the default.
port <number></number>	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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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 <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 con-

	tains 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 connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. > string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
port <number></number>	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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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	<u> </u>
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 5 (tunnel-connect-host:3:5) level comma	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 dig-

	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.
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 connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
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.

SSH user name for use when establishing tun- onnections with other devices. <text> = SSH user TCP keep alive for connect mode tunneling and timer. <milliseconds> = TCP keep alive for conde in milliseconds. timeout for TCP retransmissions. <milliseconds> timeout for TCP retransmissions. <milliseconds> timeout, in milliseconds. rification of the server certificate when connect- sister verification of the server certificate when connect- me current configuration in permanent memory. remote host to establish tunneling connections atto = IP address or host name of the remote host. connect tunnel AES decrypt key with up to 16 ach byte is represented by two adjacent hex dig-</milliseconds></milliseconds></milliseconds></text>
TCP keep alive for connect mode tunneling and timer. <milliseconds> = TCP keep alive for conde in milliseconds. timeout for TCP retransmissions. <milliseconds> t value, in milliseconds. rification of the server certificate when connects verification of the server certificate when connects experiment configuration in permanent memory. remote host to establish tunneling connections xt> = IP address or host name of the remote host. connect tunnel AES decrypt key with up to 16 ach byte is represented by two adjacent hex dig-</milliseconds></milliseconds>
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s may run together or be separated by optional ion: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc Note that quotes must enclose the value if it conaces.
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connect tunnel AES encrypt key with up to 16 ach byte is represented by two adjacent hex digsmay run together or be separated by optional ion: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc Note that quotes must enclose the value if it conaces.
connect tunnel AES encrypt key with up to 16 ach byte is represented by a single character. t quotes must enclose the value if it contains
nnection statistics
ne screen.
he RSA/DSA certificates by name for the SSL
s the default connect mode tunneling protocol as
the default 45 second connect mode TCP keep eout.
he next higher level.
host connect tunnel Initial Send text allowing for naracters. string in binary format that ent out the network upon connection. Within [] use ecimal up to 255 or hex up to 0xFF.
host connect tunnel Initial Send text. <text> =</text>
ng that will be sent out the network upon connec- s the remote host address used to establish tun-
and the second of the second s

aes decrypt key text < <i>text</i> >	Sets the connect tunnel AES decrypt key with up to 16
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.
address <text></text>	Sets the remote host to establish tunneling connections with. <text> = IP address or host name of the remote host.</text>
host 5 (tunnel-connect-host:1:5) level commands	
write	Stores the current configuration in permanent memory.
validate certificate enable	Requires verification of the server certificate when connecting.
validate certificate disable	Skips verification of the server certificate when connecting.
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout value, in milliseconds.</milliseconds>
tcp keep alive <milliseconds></milliseconds>	Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = TCP keep alive for connect mode 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 <number></number>	Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
no tcp user timeout	Restores the default.
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 initial send	ent. Removes the host connect tunnel Initial Send string.
no credentials	Clears the RSA/DSA certificate selection for the SSL cli-
no aes decrypt key no aes encrypt key	Removes the connect tunnel AES encrypt key.
	Removes the connect tunnel AES decrypt key.

	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 connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. sinary> = string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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 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 <text></text>	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:3:6) level command	ds
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 connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
port <number></number>	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 udp protocol udp aes show show history show statistics ssh username <text> tcp keep alive <milliseconds> tcp user timeout <milliseconds></milliseconds></milliseconds></text>	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 tunneling connections with other devices. <text> = SSH user name. Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = TCP keep alive for connect mode in milliseconds. Sets the timeout for TCP retransmissions. <milliseconds> = timeout value, in milliseconds. Skips verification of the server certificate when connect-</milliseconds></milliseconds></text>
show show history show statistics ssh username <text> tcp keep alive <milliseconds></milliseconds></text>	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 tunneling connections with other devices. <text> = SSH user name. Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = TCP keep alive for connect mode in milliseconds. Sets the timeout for TCP retransmissions. <milliseconds> = timeout value, in milliseconds.</milliseconds></milliseconds></text>
show history show statistics ssh username <text> tcp keep alive <milliseconds></milliseconds></text>	Displays the last 20 commands entered during the current CLI session. show connection statistics Sets the SSH user name for use when establishing tunneling connections with other devices. <text> = SSH user name. Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = TCP keep alive for connect mode in milliseconds. Sets the timeout for TCP retransmissions. <milliseconds> = timeout value, in milliseconds.</milliseconds></milliseconds></text>
show statistics ssh username <text> tcp keep alive <milliseconds></milliseconds></text>	CLI session. show connection statistics Sets the SSH user name for use when establishing tunneling connections with other devices. <text> = SSH user name. Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = TCP keep alive for connect mode in milliseconds. Sets the timeout for TCP retransmissions. <milliseconds> = timeout value, in milliseconds.</milliseconds></milliseconds></text>
ssh username <text> tcp keep alive <milliseconds></milliseconds></text>	Sets the SSH user name for use when establishing tunneling connections with other devices. <text> = SSH user name. Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = TCP keep alive for connect mode in milliseconds. Sets the timeout for TCP retransmissions. <milliseconds> = timeout value, in milliseconds.</milliseconds></milliseconds></text>
tcp keep alive <milliseconds></milliseconds>	neling connections with other devices. <text> = SSH user name. Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = TCP keep alive for connect mode in milliseconds. Sets the timeout for TCP retransmissions. <milliseconds> = timeout value, in milliseconds.</milliseconds></milliseconds></text>
	sets the timer. <milliseconds> = TCP keep alive for connect mode in milliseconds. Sets the timeout for TCP retransmissions. <milliseconds> = timeout value, in milliseconds.</milliseconds></milliseconds>
tcp user timeout <milliseconds></milliseconds>	= timeout value, in milliseconds.
	Skips verification of the server certificate when connect-
validate certificate disable	ing.
validate certificate enable	Requires verification of the server certificate when connecting.
write	Stores the current configuration in permanent memory.
host 6 (tunnel-connect-host:2:6) 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 connect mode tunneling 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.

initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. sinary> = string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
port <number></number>	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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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 comma	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 <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 connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. sinary> = string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
port <number></number>	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.

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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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout value, in milliseconds.</milliseconds>
validate certificate disable	Skips verification of the server certificate when connecting.
	D : '5 :: 611 :: 15
validate certificate enable	Requires verification of the server certificate when connecting.
validate certificate enable write	
	necting.
write	necting.
write host 6 (config-host:6) level commands	necting. Stores the current configuration in permanent memory.
write host 6 (config-host:6) level commands clrscrn	necting. Stores the current configuration in permanent memory. Clears the screen.
write host 6 (config-host:6) level commands clrscrn default protocol	necting. Stores the current configuration in permanent memory. Clears the screen. Restores the default value of the protocol (Telnet). Sets the remote port (used to connect to the host) to the
write host 6 (config-host:6) level commands clrscrn default protocol default remote port	necting. Stores the current configuration in permanent memory. 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.
write host 6 (config-host:6) level commands clrscrn default protocol default remote port exit	necting. Stores the current configuration in permanent memory. 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.
write host 6 (config-host:6) level commands clrscrn default protocol default remote port exit host <number></number>	necting. Stores the current configuration in permanent memory. 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
write host 6 (config-host:6) level commands clrscrn default protocol default remote port exit host <number> name <text></text></number>	necting. Stores the current configuration in permanent memory. 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>
write host 6 (config-host:6) level commands clrscrn default protocol default remote port exit host <number> name <text> no name</text></number>	necting. Stores the current configuration in permanent memory. 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>
write host 6 (config-host:6) level commands clrscrn default protocol default remote port exit host <number> no name no remote address</number>	necting. Stores the current configuration in permanent memory. 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>
write host 6 (config-host:6) level commands clrscrn default protocol default remote port exit host <number> name <text> no name no remote address no ssh username</text></number>	necting. Stores the current configuration in permanent memory. 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>
write host 6 (config-host:6) level commands clrscrn default protocol default remote port exit host <number> no name no remote address no ssh username protocol ssh</number>	necting. Stores the current configuration in permanent memory. 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>
write host 6 (config-host:6) level commands clrscrn default protocol default remote port exit host <number> name <text> no name no remote address no ssh username protocol telnet</text></number>	necting. Stores the current configuration in permanent memory. 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>
write host 6 (config-host:6) 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></text></text></number>	necting. Stores the current configuration in permanent memory. 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>
write host 6 (config-host:6) 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>	necting. Stores the current configuration in permanent memory. 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>

write	Stores the current configuration in permanent memory.
host 7 (tunnel-connect-host:3:7) 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 <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 connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. sinary> = string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.

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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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: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>	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. 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>	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

clrscrn	Clears the screen.
credentials <text></text>	Selects the RSA/DSA certificates by name for the SSL client.
default protocol	Restores the default connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. sinary> = string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
port <number></number>	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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds></milliseconds>

	= timeout value, in milliseconds.
validate certificate disable	Skips verification of the server certificate when connect-
	ing.
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></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 connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
port <number></number>	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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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 <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 8 (tunnel-connect-host:3:8) 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 <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 connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.

no initial send	Removes the host connect tunnel Initial Send string.
no port	Removes the remote port used to establish tunnel con-
no port	nections.
no ssh username	Removes the SSH user name.
no tcp keep alive	Disables the connect mode TCP keep alive timeout.
no tcp user timeout	Restores the default.
port <number></number>	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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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:2:8) 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 <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

show statistics	show connection statistics
show history	Displays the last 20 commands entered during the current CLI session.
show	tunneling. Shows the current configuration.
protocol udp protocol udp aes	Uses UDP protocol for connect mode tunneling. Uses UDP protocol with AES encryption for connect mode
	ing.
protocol telnet	tunneling. Uses Telnet protocol (with IAC) for connect mode tunnel-
protocol tcp	Uses TCP protocol for connect mode turneling. Uses TCP protocol with AES encryption for connect mode
protocol ssl protocol tcp	Uses SSL protocol for connect mode tunneling. Uses TCP protocol for connect mode tunneling.
protocol ssh	Uses SSH protocol for connect mode tunneling.
port <number></number>	Sets the remote port to use for connect mode tunneling. <number> = number of the port to use.</number>
no tcp user timeout	Restores the default.
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 initial send	Removes the host connect tunnel Initial Send string.
no credentials	Clears the RSA/DSA certificate selection for the SSL client.
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.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
initial send binary binary>	Sets the host connect tunnel Initial Send text allowing for binary characters. string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
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 connect mode tunneling 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.
	12:3a:bc Note that quotes must enclose the value if it contains spaces.

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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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 <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 connect mode tunneling 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.
initial send binary send binary binary>	Sets the host connect tunnel Initial Send text allowing for binary characters. string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
no address	Removes the remote host address used to establish tunneling connections.

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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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
port <number></number>	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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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 <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 9 (tunnel-connect-host:3:9) 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 <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 connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>

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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
port <number></number>	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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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 (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 <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 connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. string in binary format that will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
initial send set <text></text>	Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
no initial send	Removes the host connect tunnel Initial Send string.
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.
no tcp user timeout	Restores the default.
port <number></number>	Sets the remote port to use for connect mode tunneling. <pre></pre> <pre><pre><pre><pre><pre><pre><pre><p< td=""></p<></pre></pre></pre></pre></pre></pre></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> = TCP keep alive for connect mode in milliseconds.</milliseconds>
tcp user timeout <milliseconds></milliseconds>	Sets the timeout for TCP retransmissions. <milliseconds> = timeout 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 (tunnel-connect-host:1:9) level comma	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 <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 connect mode tunneling 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.
initial send binary sinary>	Sets the host connect tunnel Initial Send text allowing for binary characters. <pre></pre>

will be sent out the network upon connection. Within [] use binary decimal up to 255 or hex up to 0xFF.
Sets the host connect tunnel Initial Send text. <text> = ascii string that will be sent out the network upon connection.</text>
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 for the SSL client.
Removes the host connect tunnel Initial Send string.
Removes the remote port used to establish tunnel connections.
Removes the SSH user name.
Disables the connect mode TCP keep alive timeout.
Restores the default.
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 name.</text>
Enables TCP keep alive for connect mode tunneling and sets the timer. <milliseconds> = TCP keep alive for connect mode in milliseconds.</milliseconds>
Sets the timeout for TCP retransmissions. <milliseconds> = timeout value, in milliseconds.</milliseconds>
Skips verification of the server certificate when connecting.
Requires verification of the server certificate when connecting.
Stores the current configuration in permanent memory.
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.
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< a=""> = username.</text<>
write	Stores the current configuration in permanent memory.
http (config-http) level commands	
auth <uri></uri>	Creates a new HTTP server authentication directive. <uri> = URI of the server.</uri>
auth type <uri> digest</uri>	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. <ur>uri> = URI of the server.</ur>
authentication timeout <minutes></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 timeout to its delauit value.
a substitution of the subs	Resets the HTTP Server port to its default value.
default secure port	
· ·	Resets the HTTP Server port to its default value.
default secure port	Resets the HTTP Server port to its default value. Resets the HTTP Server SSL port to its default value.
default secure port default secure protocols	Resets the HTTP Server port to its default value. Resets the HTTP Server SSL port to its default value. Restores the default secure protocol selections. Deletes an existing HTTP Server authentication directive.
default secure port default secure protocols delete auth <uri></uri>	Resets the HTTP Server port to its default value. Resets the HTTP Server SSL port to its default value. Restores the default secure protocol selections. Deletes an existing HTTP Server authentication directive. <ur> <ur> <ur> <ur> <ur> <ur> <ur> <ur< td=""></ur<></ur></ur></ur></ur></ur></ur></ur>
default secure port default secure protocols delete auth <uri>exit</uri>	Resets the HTTP Server port to its default value. Resets the HTTP Server SSL port to its default value. Restores the default secure protocol selections. Deletes an existing HTTP Server authentication directive. <ur> <ur> <ur> <ur> <ur> <ur> <ur> <ur< td=""></ur<></ur></ur></ur></ur></ur></ur></ur>

	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 <number></number>	Sets the maximum number of bytes the HTTP server accepts when receiving a request.
max log entries <number></number>	Sets the maximum number of HTTP server log entries. <pre><number> = maximum number of HTTP server log entries.</number></pre>
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 for the HTTP server.
no secure port	Disables the HTTP Server SSL port.
port <number></number>	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.
secure protocols tls1.2 disable	Disables the protocol.
secure protocols tls1.2 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:wlan0 link sta	te 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 <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:usb0 link state cha	I
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:on scheduled rebo	ot) 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) 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.
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 current 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	
clrscrn	Clears the screen.
default gateway <ip address=""></ip>	Sets the configurable gateway IP address to the default value.
default mtu	Restores the default Maximum Transmission Unit (MTU) size.
default priority	Restores the default priority for the interface.
dhcp client id <text></text>	Sets the DHCP client ID.
dhcp disable	Disables DHCP.
dhcp enable	Enables DHCP.
dhcp renew	Force DHCP to renew
domain <text></text>	Sets the domain name. <text> = name of the domain.</text>
exit	Exits to the config level.
failover	Enter failover configuration level
hostname <text></text>	Sets the host name. <text> = name of the host.</text>
if <instance></instance>	Changes to the interface configuration level.
ip address <ip address="" cidr=""></ip>	Sets the IP address and network mask. Formats accepted: 192.168.1.1 (default mask) 192.168.1.1/24 (CIDR) "192.168.1.1 255.255.255.0" (explicit mask)
ipv4 state disable	Disables IPv4 for the interface.
ipv4 state enable	Enables IPv4 for the interface.

ipv6 address <ipv6 address="" prefix=""></ipv6>	Sets the IPv6 static address. IPv6 addresses are written
ipvo audiess >ipvo audiess/pielix>	in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix
ipv6 auto configure enable	Enables IPv6 stateless address autoconfiguration.
ipv6 default gateway < <i>ipv6 address</i> >	Sets the IPv6 default gateway. IPv6 addresses are written in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix
ipv6 dhcp enable	Enables IPv6 DHCP.
ipv6 domain <text></text>	Sets the IPv6 domain name. <text> = name of the domain.</text>
ipv6 primary dns <ipv6 address=""></ipv6>	Sets the IPv6 address of the primary DNS server. IPv6 addresses are written in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix
ipv6 state enable	Enables IPv6 for the interface.
link	Enter link configuration level
mtu bytes>	Sets the Maximum Transmission Unit (MTU) size.
no default gateway	Clears the default gateway.
no dhcp client id	Clears the DHCP client ID.
no domain	Clears the domain name.
no hostname	Clears the host name.
no ip address	Clears the IP address.
no ipv6 address	Clears the IPv6 static address.
no ipv6 default gateway	Clears the IPv6 default gateway.
no ipv6 domain	Clears the IPv6 domain name.
no ipv6 primary dns	Clears the IPv6 address of the primary DNS server.
no ipv6 secondary dns	Clears the IPv6 address of the secondary DNS server.
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 <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 status	Show interface status
	4

state disable	Disables the interface.
state enable	Enables the interface.
write	Stores the current configuration in permanent memory.
if 2 (config-if:wlan0) level commands	
clrscrn	Clears the screen.
default gateway <ip address=""></ip>	Sets the configurable gateway IP address to the default value.
default mtu	Restores the default Maximum Transmission Unit (MTU) size.
default priority	Restores the default priority for the interface.
dhcp client id <text></text>	Sets the DHCP client ID.
dhcp disable	Disables DHCP.
dhcp enable	Enables DHCP.
dhcp renew	Force DHCP to renew
domain <text></text>	Sets the domain name. <text> = name of the domain.</text>
exit	Exits to the config level.
failover	Enter failover configuration level
hostname <text></text>	Sets the host name. <text> = name of the host.</text>
if <instance></instance>	Changes to the interface configuration level.
ip address <ip address="" cidr=""></ip>	Sets the IP address and network mask. Formats accepted: 192.168.1.1 (default mask) 192.168.1.1/24 (CIDR) "192.168.1.1 255.255.255.0" (explicit mask)
ipv4 state disable	Disables IPv4 for the interface.
ipv4 state enable	Enables IPv4 for the interface.
ipv6 address <ipv6 address="" prefix=""></ipv6>	Sets the IPv6 static address. IPv6 addresses are written in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix
ipv6 auto configure enable	Enables IPv6 stateless address autoconfiguration.
ipv6 default gateway <ipv6 address=""></ipv6>	Sets the IPv6 default gateway. IPv6 addresses are written in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix
ipv6 dhcp enable	Enables IPv6 DHCP.
ipv6 domain <text></text>	Sets the IPv6 domain name. <text> = name of the domain.</text>
ipv6 primary dns <ipv6 address=""></ipv6>	Sets the IPv6 address of the primary DNS server. IPv6 addresses are written in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix

ipv6 state enable	Enables IPv6 for the interface.
link	Enter link configuration level
mtu <bytes></bytes>	Sets the Maximum Transmission Unit (MTU) size.
no default gateway	Clears the default gateway.
no dhcp client id	Clears the DHCP client ID.
no domain	Clears the domain name.
no hostname	Clears the host name.
no ip address	Clears the IP address.
no ipv6 address	Clears the IPv6 static address.
no ipv6 default gateway	Clears the IPv6 default gateway.
no ipv6 domain	Clears the IPv6 domain name.
no ipv6 primary dns	Clears the IPv6 address of the primary DNS server.
no ipv6 secondary dns	Clears the IPv6 address of the secondary DNS server.
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 <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 status	Show interface status
state disable	Disables the interface.
state enable	Enables the interface.
write	Stores the current configuration in permanent memory.
if 3 (config-if:usb0) level commands	
clrscrn	Clears the screen.
default gateway <ip address=""></ip>	Sets the configurable gateway IP address to the default value.
default mtu	Restores the default Maximum Transmission Unit (MTU) size.
default priority	
dhcp client id <text></text>	Restores the default priority for the interface.
dhcp disable	Restores the default priority for the interface. Sets the DHCP client ID.
unch disable	
dhop enable	Sets the DHCP client ID.
·	Sets the DHCP client ID. Disables DHCP.
dhcp enable	Sets the DHCP client ID. Disables DHCP. Enables DHCP.
dhcp enable dhcp renew	Sets the DHCP client ID. Disables DHCP. Enables DHCP. Force DHCP to renew
dhcp enable dhcp renew domain <text></text>	Sets the DHCP client ID. Disables DHCP. Enables DHCP. Force DHCP to renew Sets the domain name. <text> = name of the domain.</text>
dhcp enable dhcp renew domain <text> exit</text>	Sets the DHCP client ID. Disables DHCP. Enables DHCP. Force DHCP to renew Sets the domain name. <text> = name of the domain. Exits to the config level.</text>
dhcp enable dhcp renew domain <text> exit failover</text>	Sets the DHCP client ID. Disables DHCP. Enables DHCP. Force DHCP to renew Sets the domain name. <text> = name of the domain. Exits to the config level. Enter failover configuration level</text>
dhcp enable dhcp renew domain <text> exit failover hostname <text></text></text>	Sets the DHCP client ID. Disables DHCP. Enables DHCP. Force DHCP to renew Sets the domain name. <text> = name of the domain. Exits to the config level. Enter failover configuration level Sets the host name. <text> = name of the host.</text></text>

ipv4 state enable	Enables IPv4 for the interface.
ipv6 address <ipv6 address="" prefix=""></ipv6>	Sets the IPv6 static address. IPv6 addresses are written in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix
ipv6 auto configure enable	Enables IPv6 stateless address autoconfiguration.
ipv6 default gateway <ipv6 address=""></ipv6>	Sets the IPv6 default gateway. IPv6 addresses are written in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix
ipv6 dhcp enable	Enables IPv6 DHCP.
ipv6 domain <text></text>	Sets the IPv6 domain name. <text> = name of the domain.</text>
ipv6 primary dns <ipv6 address=""></ipv6>	Sets the IPv6 address of the primary DNS server. IPv6 addresses are written in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix
ipv6 state enable	Enables IPv6 for the interface.
link	Enter link configuration level
mtu <bytes></bytes>	Sets the Maximum Transmission Unit (MTU) size.
no default gateway	Clears the default gateway.
no dhcp client id	Clears the DHCP client ID.
no domain	Clears the domain name.
no hostname	Clears the host name.
no ip address	Clears the IP address.
no ipv6 address	Clears the IPv6 static address.
no ipv6 default gateway	Clears the IPv6 default gateway.
no ipv6 domain	Clears the IPv6 domain name.
no ipv6 primary dns	Clears the IPv6 address of the primary DNS server.
no ipv6 secondary dns	Clears the IPv6 address of the secondary DNS server.
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 <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 status	Show interface status
state disable	Disables the interface.
state enable	Enables the interface.
write	Stores the current configuration in permanent memory.
ip (config-ip) level commands	geration in permanent memory.
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.
key 1 (config-profile-security-wep-key:lantronix_defaul	t_adhoc:1) level commands
apply wlan	Try out WLAN settings without saving them to Flash. If the settings do not work, when you reboot the device, it will still have the original settings.
clrscrn	Clears the screen.
exit	Exits to the next higher level.
key <hexadecimal></hexadecimal>	Sets WEP key. 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.
key text <text></text>	Sets WEP key. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
no key	Removes WEP key.
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.
key 2 (config-profile-security-wep-key:lantronix_defaul	t_adhoc:2) level commands
apply wlan	Try out WLAN settings without saving them to Flash. If the settings do not work, when you reboot the device, it will still have the original settings.
clrscrn	Clears the screen.
exit	Exits to the next higher level.
key <hexadecimal></hexadecimal>	Sets WEP key. 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.
	de il il contains spaces.

	character. Note that quotes must enclose the value if it contains spaces.
no key	Removes WEP key.
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.
key 3 (config-profile-security-wep-key:lantronix_defau	llt_adhoc:3) level commands
apply wlan	Try out WLAN settings without saving them to Flash. If the settings do not work, when you reboot the device, it will still have the original settings.
clrscrn	Clears the screen.
exit	Exits to the next higher level.
key <hexadecimal></hexadecimal>	Sets WEP key. 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.
key text <text></text>	Sets WEP key. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
no key	Removes WEP key.
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 key 4 (config-profile-security-wep-key:lantronix_defau	
key 4 (config-profile-security-wep-key:lantronix_defau	It_adhoc:4) level commands Try out WLAN settings without saving them to Flash. If the settings do not work, when you reboot the device, it will
key 4 (config-profile-security-wep-key:lantronix_defau apply wlan	Try out WLAN settings without saving them to Flash. If the settings do not work, when you reboot the device, it will still have the original settings.
key 4 (config-profile-security-wep-key:lantronix_defau apply wlan clrscrn	It_adhoc:4) level commands Try out WLAN settings without saving them to Flash. If the settings do not work, when you reboot the device, it will still have the original settings. Clears the screen.
key 4 (config-profile-security-wep-key:lantronix_defau apply wlan clrscrn exit	Try out WLAN settings without saving them to Flash. If the settings do not work, when you reboot the device, it will still have the original settings. Clears the screen. Exits to the next higher level. Sets WEP key. 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 val-
key 4 (config-profile-security-wep-key:lantronix_defau apply wlan clrscrn exit key <hexadecimal></hexadecimal>	Try out WLAN settings without saving them to Flash. If the settings do not work, when you reboot the device, it will still have the original settings. Clears the screen. Exits to the next higher level. Sets WEP key. 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 WEP key. Each byte is represented by a single character. Note that quotes must enclose the value if it
key 4 (config-profile-security-wep-key:lantronix_defautapply wlan clrscrn exit key <hexadecimal> key text <text></text></hexadecimal>	Try out WLAN settings without saving them to Flash. If the settings do not work, when you reboot the device, it will still have the original settings. Clears the screen. Exits to the next higher level. Sets WEP key. 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 WEP key. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces.
key 4 (config-profile-security-wep-key:lantronix_defau apply wlan clrscrn exit key <hexadecimal> key text <text> no key</text></hexadecimal>	Try out WLAN settings without saving them to Flash. If the settings do not work, when you reboot the device, it will still have the original settings. Clears the screen. Exits to the next higher level. Sets WEP key. 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 WEP key. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. Removes WEP key.
key 4 (config-profile-security-wep-key:lantronix_defautapply wlan clrscrn exit key <hexadecimal> key text <text> no key show</text></hexadecimal>	Try out WLAN settings without saving them to Flash. If the settings do not work, when you reboot the device, it will still have the original settings. Clears the screen. Exits to the next higher level. Sets WEP key. 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 WEP key. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. Removes WEP key. Shows the current configuration. Displays the last 20 commands entered during the current
key 4 (config-profile-security-wep-key:lantronix_defautapply wlan clrscrn exit key <hexadecimal> key text <text> no key show show history</text></hexadecimal>	Try out WLAN settings without saving them to Flash. If the settings do not work, when you reboot the device, it will still have the original settings. Clears the screen. Exits to the next higher level. Sets WEP key. 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 WEP key. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. Removes WEP key. Shows the current configuration. Displays the last 20 commands entered during the current CLI session.
key 4 (config-profile-security-wep-key:lantronix_defautapply wlan clrscrn exit key <hexadecimal> key text <text> no key show show history write</text></hexadecimal>	Try out WLAN settings without saving them to Flash. If the settings do not work, when you reboot the device, it will still have the original settings. Clears the screen. Exits to the next higher level. Sets WEP key. 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 WEP key. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. Removes WEP key. Shows the current configuration. Displays the last 20 commands entered during the current CLI session.
key 4 (config-profile-security-wep-key:lantronix_defautapply wlan clrscrn exit key <hexadecimal> key text <text> no key show show history write line 1 (line:1) level commands</text></hexadecimal>	Try out WLAN settings without saving them to Flash. If the settings do not work, when you reboot the device, it will still have the original settings. Clears the screen. Exits to the next higher level. Sets WEP key. 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 WEP key. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. Removes WEP key. Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory.

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 full duplex termination	Restores the default termination on this line.
default parity	Restores the default of no parity.
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.
full duplex termination disabled	Disables line termination.
full duplex termination termination on rx	Sets line termination on Rx only.
full duplex termination termination on tx	Sets line termination on Tx only.
full duplex termination termination on tx and rx	Sets line termination on Tx and Rx.
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 modbus ascii	Applies Modbus ASCII protocol on the line.
protocol modbus rtu	Applies Modbus RTU protocol on the line.
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	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 <bytes></bytes>	Sets the threshold in bytes. After this many bytes are received, they are forwarded without delay.
tunnel	Enters the tunnel level. line> = number of the tunnel line (serial port) to be configured.
usb	Enters the usb level. line> = number of the line (usb 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 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 full duplex termination	Restores the default termination on this line.
default parity	Restores the default of no parity.
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.
full duplex termination disabled	Disables line termination.
full duplex termination termination on rx	Sets line termination on Rx only.
full duplex termination termination on tx	Sets line termination on Tx only.
full duplex termination termination on tx and rx	Sets line termination on Tx and Rx.
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 modbus ascii	Applies Modbus ASCII protocol on the line.
protocol modbus rtu	Applies Modbus RTU protocol on the line.
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	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 threshold /bytes>	Sets the threshold in bytes. After this many bytes are received, they are forwarded without delay.
tunnel <line></line>	Enters the tunnel level. line> = number of the tunnel line (serial port) to be configured.
usb <line></line>	Enters the usb level. line> = number of the line (usb 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 <con-< td=""></con-<>

	trol>C. A decimal value character has the form \99. A hex value character has the form 0xFF.
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>
link (config-wlan:wlan0) level commands	
antenna diversity antenna 1	Set antenna selection to 1
antenna diversity antenna 2	Set antenna selection to 2
antenna diversity enabled	Set antenna diversity to enabled.
apply wlan	Try out WLAN settings without saving them to Flash. If the settings do not work, when you reboot the device, it will still have the original settings.
cancel wps	Cancels wi-fi protected setup operation.
choice <instance></instance>	Enters the next lower level. Specify the instance for the next lower level.
clrscrn	Clears the screen.
debugging level debug	Sets the WLAN debugging level to Debug.
debugging level dump	Sets the WLAN debugging level to Dump, the most verbose option.
debugging level error	Sets the WLAN debugging level to Error, which shows only errors.
debugging level info	Sets the WLAN debugging level to Info.
debugging level warning	Sets the WLAN debugging level to Warning.
default antenna diversity	Restore the default value for antenna diversity.
default debugging level	Sets the WLAN debugging level to its default value, Info.
exit	Exit back to interface configuration level
scan <ssid></ssid>	Scan the radio environment for networks.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show wps information	Show the configuration received by wi-fi protected setup.
show wps information with secrets	Show the configuration received by wi-fi protected setup with secrets.
show wps status	Show status of WPS operation.
start wps	Starts wi-fi protected setup operation.
start wps pin	Starts wi-fi protected setup operation.
status	Show link status
wifi direct go mode disable	Disables WiFi Direct Group Owner Mode.
wifi direct go mode enable	Enables WiFi Direct Group Owner Mode.
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 current comingulation. 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.
output usb <number></number>	Enables log to usb line.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
I and the second	OEI GCGGIGII.
write	Stores the current configuration in permanent memory.
write mac address filter 1 (config-mac_filter:1) level comma	Stores the current configuration in permanent memory.
	Stores the current configuration in permanent memory.
mac address filter 1 (config-mac_filter:1) level comma	Stores the current configuration in permanent memory.
mac address filter 1 (config-mac_filter:1) level comma action accept	Stores the current configuration in permanent memory. nds Sets the action to ACCEPT.
mac address filter 1 (config-mac_filter:1) level comma action accept action drop	Stores the current configuration in permanent memory. nds Sets the action to ACCEPT. Sets the action to DROP.
mac address filter 1 (config-mac_filter:1) level comma action accept action drop clrscrn	Stores the current configuration in permanent memory. nds Sets the action to ACCEPT. Sets the action to DROP. Clears the screen.
mac address filter 1 (config-mac_filter:1) level comma action accept action drop clrscrn default action	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).
mac address filter 1 (config-mac_filter:1) level comma action accept action drop clrscrn default action exit	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 en-
mac address filter 1 (config-mac_filter:1) level comma action accept action drop clrscrn default action exit mac address <hexadecimal></hexadecimal>	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.
mac address filter 1 (config-mac_filter:1) level comma action accept action drop clrscrn default action exit mac address <hexadecimal> mac address filter <number></number></hexadecimal>	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.
mac address filter 1 (config-mac_filter:1) level comma action accept action drop clrscrn default action exit mac address <hexadecimal> mac address filter <number> no mac address</number></hexadecimal>	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.
mac address filter 1 (config-mac_filter:1) level comma action accept action drop clrscrn default action exit mac address <hexadecimal> mac address filter <number> no mac address show</number></hexadecimal>	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
mac address filter 1 (config-mac_filter:1) level comma action accept action drop clrscrn default action exit mac address <hexadecimal> mac address filter <number> no mac address show show history</number></hexadecimal>	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 last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory.
mac address filter 1 (config-mac_filter:1) level comma action accept action drop clrscrn default action exit mac address <hexadecimal> mac address filter <number> no mac address show show history write</number></hexadecimal>	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 last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory.
mac address filter 1 (config-mac_filter:1) level comma action accept action drop clrscrn default action exit mac address <hexadecimal> mac address filter <number> no mac address show show history write mac address filter 2 (config-mac_filter:2) level comma</number></hexadecimal>	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.
mac address filter 1 (config-mac_filter:1) level comma action accept action drop clrscrn default action exit mac address <hexadecimal> mac address filter <number> no mac address show show history write mac address filter 2 (config-mac_filter:2) level comma action accept</number></hexadecimal>	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 last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory. nds Sets the action to ACCEPT.
mac address filter 1 (config-mac_filter:1) level comma action accept action drop clrscrn default action exit mac address mac address filter <number> no mac address show show history write mac address filter 2 (config-mac_filter:2) level comma action accept action drop</number>	Stores the current configuration in permanent memory. Index 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. Index Sets the action to ACCEPT. Sets the action to DROP.

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></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 3 (config-mac_filter:3) level comma	nds
action accept	Sets the action to ACCEPT.
action drop	Sets the action to DROP.
cirscrn	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></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 4 (config-mac_filter:4) level comma	nds
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></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.
write mac address filter 5 (config-mac_filter:5) level comma	
mac address filter 5 (config-mac_filter:5) level comma	nds

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></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 6 (config-mac_filter:6) level commar	nds
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></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 7 (config-mac_filter:7) level commar	nds
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></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 commar	nds
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></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.
mass storage (filesystem-mass_storage) level comma	nds
clrscrn	Clears the screen.
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.
usb auto mount disable	Disables automatic mount of connected USB drives.
usb auto mount enable	Enables automatic mount of connected USB drives.
write	Stores the current configuration in permanent memory.
WITE	otoreo trio carrent coringaration in permanent memory.
modbus (modbus) level commands	colors are surroun comingulation in permanent memory.
	Sets an additional TCP server port.
modbus (modbus) level commands	
modbus (modbus) level commands additional port <number></number>	Sets an additional TCP server port.
modbus (modbus) level commands additional port <number> clrscrn</number>	Sets an additional TCP server port. Clears the screen.
modbus (modbus) level commands additional port <number> clrscrn default response timeout</number>	Sets an additional TCP server port. Clears the screen. Restores the default Modbus Response Timeout.
modbus (modbus) level commands additional port <number> clrscrn default response timeout exit</number>	Sets an additional TCP server port. Clears the screen. Restores the default Modbus Response Timeout. Exits to the config level. Kills modbus connection selected by index from show
modbus (modbus) level commands additional port <number> clrscrn default response timeout exit kill connection <index></index></number>	Sets an additional TCP server port. Clears the screen. Restores the default Modbus Response Timeout. Exits to the config level. Kills modbus connection selected by index from show connections.
modbus (modbus) level commands additional port <number> clrscrn default response timeout exit kill connection <index> no additional port</index></number>	Sets an additional TCP server port. Clears the screen. Restores the default Modbus Response Timeout. Exits to the config level. Kills modbus connection selected by index from show connections. Removes the additional TCP server port.
modbus (modbus) level commands additional port <number> clrscrn default response timeout exit kill connection <index> no additional port response timeout <milliseconds></milliseconds></index></number>	Sets an additional TCP server port. Clears the screen. Restores the default Modbus Response Timeout. Exits to the config level. Kills modbus connection selected by index from show connections. Removes the additional TCP server port. Sets the Modbus Response Timeout in milliseconds.
modbus (modbus) level commands additional port <number> clrscrn default response timeout exit kill connection <index> no additional port response timeout <milliseconds> show</milliseconds></index></number>	Sets an additional TCP server port. Clears the screen. Restores the default Modbus Response Timeout. Exits to the config level. Kills modbus connection selected by index from show connections. Removes the additional TCP server port. Sets the Modbus Response Timeout in milliseconds. Displays the current configuration.
modbus (modbus) level commands additional port <number> clrscrn default response timeout exit kill connection <index> no additional port response timeout <milliseconds> show show connections</milliseconds></index></number>	Sets an additional TCP server port. Clears the screen. Restores the default Modbus Response Timeout. Exits to the config level. Kills modbus connection selected by index from show connections. Removes the additional TCP server port. Sets the Modbus Response Timeout in milliseconds. Displays the current configuration. Displays connections. Displays the last 20 commands entered during the current
modbus (modbus) level commands additional port <number> clrscrn default response timeout exit kill connection <index> no additional port response timeout <milliseconds> show show connections show history</milliseconds></index></number>	Sets an additional TCP server port. Clears the screen. Restores the default Modbus Response Timeout. Exits to the config level. Kills modbus connection selected by index from show connections. Removes the additional TCP server port. Sets the Modbus Response Timeout in milliseconds. Displays the current configuration. Displays connections. Displays the last 20 commands entered during the current CLI session.
modbus (modbus) level commands additional port <number> clrscrn default response timeout exit kill connection <index> no additional port response timeout <milliseconds> show show connections show history show statistics</milliseconds></index></number>	Sets an additional TCP server port. Clears the screen. Restores the default Modbus Response Timeout. Exits to the config level. Kills modbus connection selected by index from show connections. Removes the additional TCP server port. Sets the Modbus Response Timeout in milliseconds. Displays the current configuration. Displays connections. Displays the last 20 commands entered during the current CLI session. Displays statistics.
modbus (modbus) level commands additional port <number> clrscrn default response timeout exit kill connection <index> no additional port response timeout <milliseconds> show show connections show history show statistics tcp server state disable tcp server state enable write</milliseconds></index></number>	Sets an additional TCP server port. Clears the screen. Restores the default Modbus Response Timeout. Exits to the config level. Kills modbus connection selected by index from show connections. Removes the additional TCP server port. Sets the Modbus Response Timeout in milliseconds. Displays the current configuration. Displays connections. Displays the last 20 commands entered during the current CLI session. Displays statistics. Disables the Modbus TCP Server.
modbus (modbus) level commands additional port <number> clrscrn default response timeout exit kill connection <index> no additional port response timeout <milliseconds> show show connections show history show statistics tcp server state disable tcp server state enable</milliseconds></index></number>	Sets an additional TCP server port. Clears the screen. Restores the default Modbus Response Timeout. Exits to the config level. Kills modbus connection selected by index from show connections. Removes the additional TCP server port. Sets the Modbus Response Timeout in milliseconds. Displays the current configuration. Displays connections. Displays the last 20 commands entered during the current CLI session. Displays statistics. Disables the Modbus TCP Server. Enables the Modbus TCP Server. Stores the current configuration in permanent memory.
modbus (modbus) level commands additional port <number> clrscrn default response timeout exit kill connection <index> no additional port response timeout <milliseconds> show show connections show history show statistics tcp server state disable tcp server state enable write</milliseconds></index></number>	Sets an additional TCP server port. Clears the screen. Restores the default Modbus Response Timeout. Exits to the config level. Kills modbus connection selected by index from show connections. Removes the additional TCP server port. Sets the Modbus Response Timeout in milliseconds. Displays the current configuration. Displays connections. Displays the last 20 commands entered during the current CLI session. Displays statistics. Disables the Modbus TCP Server. Enables the Modbus TCP Server.
modbus (modbus) level commands additional port <number> clrscrn default response timeout exit kill connection <index> no additional port response timeout <milliseconds> show show connections show history show statistics tcp server state disable tcp server state enable write modem (tunnel-modem:3) level commands</milliseconds></index></number>	Sets an additional TCP server port. Clears the screen. Restores the default Modbus Response Timeout. Exits to the config level. Kills modbus connection selected by index from show connections. Removes the additional TCP server port. Sets the Modbus Response Timeout in milliseconds. Displays the current configuration. Displays connections. Displays the last 20 commands entered during the current CLI session. Displays statistics. Disables the Modbus TCP Server. Enables the Modbus TCP Server. Stores the current configuration in permanent memory.
modbus (modbus) level commands additional port <number> clrscrn default response timeout exit kill connection <index> no additional port response timeout <milliseconds> show show connections show history show statistics tcp server state disable tcp server state enable write modem (tunnel-modem:3) level commands clrscrn</milliseconds></index></number>	Sets an additional TCP server port. Clears the screen. Restores the default Modbus Response Timeout. Exits to the config level. Kills modbus connection selected by index from show connections. Removes the additional TCP server port. Sets the Modbus Response Timeout in milliseconds. Displays the current configuration. Displays connections. Displays the last 20 commands entered during the current CLI session. Displays statistics. Disables the Modbus TCP Server. Enables the Modbus TCP Server. Stores the current configuration in permanent memory. Clears the screen. Sets the CONNECT string used in modem emulation.

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: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 mo-
	dem emulation.
reassert	Asserts tunnel modem status with current configured val-
	ues.
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.
	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1

verbose response disable	Does not send Modem Response Codes.
verbose response enable	Sends Modern Response Codes out on the Serial Line.
write	Stores the current configuration in permanent memory.
ntp (config-clock-ntp) level commands	process and countries against the political contributions of t
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.
on scheduled reboot (config-action:on sched	uled reboot) level commands
cirscrn	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.
http post	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.
packing (tunnel-packing:3) level commands	<u> </u>
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 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></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:2) level command	s
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></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 command	s
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 threshold s>	Sets the threshold (byte count). If the queued data reaches this threshold then the data will be sent. - sets the threshold (bytes) = 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></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:3) level commands	
clrscrn	Clears the screen.
no password	Exits to the next higher level.
1.0 passifora	Removes the password so connections will be accepted unchallenged.
password <text></text>	Removes the password so connections will be accepted unchallenged. Sets the password required on the network side of the tunnel to begin a connection.
<u> </u>	unchallenged. Sets the password required on the network side of the
password <text></text>	unchallenged. Sets the password required on the network side of the tunnel to begin a connection. Inhibits any prompting for password on the network side
password <text> prompt disable</text>	unchallenged. Sets the password required on the network side of the tunnel to begin a connection. Inhibits any prompting for password on the network side of the tunnel. Sets up so a user on the network side of the tunnel will be
password <text> prompt disable prompt enable</text>	unchallenged. Sets the password required on the network side of the tunnel to begin a connection. Inhibits any prompting for password on the network side of the tunnel. Sets up so a user on the network side of the tunnel will be prompted for a password.
password <text> prompt disable prompt enable show show history write</text>	unchallenged. Sets the password required on the network side of the tunnel to begin a connection. Inhibits any prompting for password on the network side of the tunnel. Sets up so a user on the network side of the tunnel will be prompted for a password. Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory.
password <text> prompt disable prompt enable show show history</text>	unchallenged. Sets the password required on the network side of the tunnel to begin a connection. Inhibits any prompting for password on the network side of the tunnel. Sets up so a user on the network side of the tunnel will be prompted for a password. Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory.
password <text> prompt disable prompt enable show show history write</text>	unchallenged. Sets the password required on the network side of the tunnel to begin a connection. Inhibits any prompting for password on the network side of the tunnel. Sets up so a user on the network side of the tunnel will be prompted for a password. Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory.
password <text> prompt disable prompt enable show show history write password (tunnel-accept-password:2) level commands clrscrn exit</text>	unchallenged. Sets the password required on the network side of the tunnel to begin a connection. Inhibits any prompting for password on the network side of the tunnel. Sets up so a user on the network side of the tunnel will be prompted for a password. 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 next higher level.
password <text> prompt disable prompt enable show show history write password (tunnel-accept-password:2) level commands clrscrn</text>	unchallenged. Sets the password required on the network side of the tunnel to begin a connection. Inhibits any prompting for password on the network side of the tunnel. Sets up so a user on the network side of the tunnel will be prompted for a password. Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory.

	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 commands	
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.
port forwarding rule 1 (config-portforwarding:1) level o	ommands
port forwarding rule 1 (config-portforwarding:1) level of clrscrn	ommands Clears the screen.
clrscrn	Clears the screen.
clrscrn default protocol	Clears the screen. Restores the default value of the protocol (Both).
clrscrn default protocol exit	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> =</text>
clrscrn default protocol exit friendly name <text></text>	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 Sets the original WAN destination IP address for port for-</text>
clrscrn default protocol exit friendly name <text> ingress ip address <text></text></text>	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 Sets the original WAN destination IP address for port forwarding rule. Sets the LAN destination IP address for port forwarding</text>
clrscrn default protocol exit friendly name <text> ingress ip address <text> ip address <text></text></text></text>	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 Sets the original WAN destination IP address for port forwarding rule. Sets the LAN destination IP address for port forwarding rule.</text>
clrscrn default protocol exit friendly name <text> ingress ip address <text> ip address <text> no friendly name</text></text></text>	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 Sets the original WAN destination IP address for port forwarding rule. Sets the LAN destination IP address for port forwarding rule. Remove the friendly name. Clears the original WAN destination IP address for port</text>
clrscrn default protocol exit friendly name <text> ingress ip address <text> ip address <text> no friendly name no ingress ip address</text></text></text>	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 Sets the original WAN destination IP address for port forwarding rule. Sets the LAN destination IP address for port forwarding rule. Remove the friendly name. Clears the original WAN destination IP address for port forwarding rule. Clears the LAN destination IP address for port forwarding rule.</text>
clrscrn default protocol exit friendly name <text> ingress ip address <text> ip address <text> no friendly name no ingress ip address no ip address</text></text></text>	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 Sets the original WAN destination IP address for port forwarding rule. Sets the LAN destination IP address for port forwarding rule. Remove the friendly name. Clears the original WAN destination IP address for port forwarding rule. Clears the LAN destination IP address for port forwarding rule.</text>
clrscrn default protocol exit friendly name <text> ingress ip address <text> ip address <text> no friendly name no ingress ip address no ip address no port or range</text></text></text>	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 Sets the original WAN destination IP address for port forwarding rule. Sets the LAN destination IP address for port forwarding rule. Remove the friendly name. Clears the original WAN destination IP address for port forwarding rule. Clears the LAN destination IP address for port forwarding rule. Clears the LAN destination IP address for port forwarding rule. Clears the WAN port or range for port forwarding rule.</text>
clrscrn default protocol exit friendly name <text> ingress ip address <text> ip address <text> no friendly name no ingress ip address no ip address no port or range no target port</text></text></text>	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 Sets the original WAN destination IP address for port forwarding rule. Sets the LAN destination IP address for port forwarding rule. Remove the friendly name. Clears the original WAN destination IP address for port forwarding rule. Clears the LAN destination IP address for port forwarding rule. Clears the WAN port or range for port forwarding rule. Clears the LAN destination port for port forwarding rule.</text>
clrscrn default protocol exit friendly name <text> ingress ip address <text> ip address <text> no friendly name no ingress ip address no ip address no port or range no target port port forwarding rule <number></number></text></text></text>	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 Sets the original WAN destination IP address for port forwarding rule. Sets the LAN destination IP address for port forwarding rule. Remove the friendly name. Clears the original WAN destination IP address for port forwarding rule. Clears the LAN destination IP address for port forwarding rule. Clears the LAN destination IP address for port forwarding rule. Clears the WAN port or range for port forwarding rule. Change to config gateway port forwarding level. Sets the WAN port or range for port forwarding rule.</text>
clrscrn default protocol exit friendly name <text> ingress ip address <text> ip address <text> no friendly name no ingress ip address no ip address no port or range no target port port forwarding rule <number> port or range <text></text></number></text></text></text>	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 Sets the original WAN destination IP address for port forwarding rule. Sets the LAN destination IP address for port forwarding rule. Remove the friendly name. Clears the original WAN destination IP address for port forwarding rule. Clears the LAN destination IP address for port forwarding rule. Clears the LAN destination IP address for port forwarding rule. Clears the WAN port or range for port forwarding rule. Clears the LAN destination port for port forwarding rule. Sets the WAN port or range for port forwarding level. Sets the WAN port or range for port forwarding rule. <etext> = port or range.</etext></text>
clrscrn default protocol exit friendly name <text> ingress ip address <text> ip address <text> no friendly name no ingress ip address no ip address no port or range no target port port forwarding rule <number> port or range <text> protocol both</text></number></text></text></text>	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 Sets the original WAN destination IP address for port forwarding rule. Sets the LAN destination IP address for port forwarding rule. Remove the friendly name. Clears the original WAN destination IP address for port forwarding rule. Clears the LAN destination IP address for port forwarding rule. Clears the LAN destination IP address for port forwarding rule. Clears the WAN port or range for port forwarding rule. Clears the LAN destination port for port forwarding rule. Change to config gateway port forwarding level. Sets the WAN port or range for port forwarding rule. <text> = port or range. Sets the protocol to Both (TCP and UDP).</text></text>

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 LAN destination port for port forwarding rule. <text> = port.</text>
write	Stores the current configuration in permanent memory.
port forwarding rule 2 (config-portforwarding:2) level o	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 <text></text>	Sets the original WAN destination IP address for port forwarding rule.
ip address <text></text>	Sets the LAN destination IP address for port forwarding rule.
no friendly name	Remove the friendly name.
no ingress ip address	Clears the original WAN destination IP address for port forwarding rule.
no ip address	Clears the LAN destination IP address for port forwarding rule.
no port or range	Clears the WAN port or range for port forwarding rule.
no target port	Clears the LAN 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 WAN port or range for port forwarding rule.

no friendly name	Remove the friendly name.
no ingress ip address	Clears the original WAN destination IP address for port forwarding rule.
no ip address	Clears the LAN destination IP address for port forwarding rule.
no port or range	Clears the WAN port or range for port forwarding rule.
no target port	Clears the LAN 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 WAN 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 LAN 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.
exit friendly name <text></text>	Exits to the config-gateway level. Set the friendly name for port forwarding rule <text> = friendly name</text>
	Set the friendly name for port forwarding rule <text> =</text>
friendly name <text></text>	Set the friendly name for port forwarding rule <text> = friendly name Sets the original WAN destination IP address for port for-</text>
friendly name <text> ingress ip address <text></text></text>	Set the friendly name for port forwarding rule <text> = friendly name Sets the original WAN destination IP address for port forwarding rule. Sets the LAN destination IP address for port forwarding</text>
friendly name <text> ingress ip address <text> ip address <text></text></text></text>	Set the friendly name for port forwarding rule <text> = friendly name Sets the original WAN destination IP address for port forwarding rule. Sets the LAN destination IP address for port forwarding rule.</text>
friendly name <text> ingress ip address <text> ip address <text> no friendly name</text></text></text>	Set the friendly name for port forwarding rule <text> = friendly name Sets the original WAN destination IP address for port forwarding rule. Sets the LAN destination IP address for port forwarding rule. Remove the friendly name. Clears the original WAN destination IP address for port</text>
friendly name <text> ingress ip address <text> ip address <text> no friendly name no ingress ip address</text></text></text>	Set the friendly name for port forwarding rule <text> = friendly name Sets the original WAN destination IP address for port forwarding rule. Sets the LAN destination IP address for port forwarding rule. Remove the friendly name. Clears the original WAN destination IP address for port forwarding rule. Clears the LAN destination IP address for port forwarding rule.</text>
friendly name <text> ingress ip address <text> ip address <text> no friendly name no ingress ip address no ip address</text></text></text>	Set the friendly name for port forwarding rule <text> = friendly name Sets the original WAN destination IP address for port forwarding rule. Sets the LAN destination IP address for port forwarding rule. Remove the friendly name. Clears the original WAN destination IP address for port forwarding rule. Clears the LAN destination IP address for port forwarding rule.</text>
friendly name <text> ingress ip address <text> ip address <text> no friendly name no ingress ip address no ip address no port or range</text></text></text>	Set the friendly name for port forwarding rule <text> = friendly name Sets the original WAN destination IP address for port forwarding rule. Sets the LAN destination IP address for port forwarding rule. Remove the friendly name. Clears the original WAN destination IP address for port forwarding rule. Clears the LAN destination IP address for port forwarding rule. Clears the WAN port or range for port forwarding rule.</text>
friendly name <text> ingress ip address <text> ip address <text> no friendly name no ingress ip address no ip address no port or range no target port</text></text></text>	Set the friendly name for port forwarding rule <text> = friendly name Sets the original WAN destination IP address for port forwarding rule. Sets the LAN destination IP address for port forwarding rule. Remove the friendly name. Clears the original WAN destination IP address for port forwarding rule. Clears the LAN destination IP address for port forwarding rule. Clears the WAN port or range for port forwarding rule. Clears the LAN destination port forwarding rule.</text>
friendly name <text> ingress ip address <text> ip address <text> no friendly name no ingress ip address no ip address no port or range no target port port forwarding rule <number></number></text></text></text>	Set the friendly name for port forwarding rule <text> = friendly name Sets the original WAN destination IP address for port forwarding rule. Sets the LAN destination IP address for port forwarding rule. Remove the friendly name. Clears the original WAN destination IP address for port forwarding rule. Clears the LAN destination IP address for port forwarding rule. Clears the WAN port or range for port forwarding rule. Clears the LAN destination port for port forwarding rule. Change to config gateway port forwarding level. Sets the WAN port or range for port forwarding rule.</text>
friendly name <text> ingress ip address <text> ip address <text> no friendly name no ingress ip address no ip address no port or range no target port port forwarding rule <number> port or range <text></text></number></text></text></text>	Set the friendly name for port forwarding rule <text> = friendly name Sets the original WAN destination IP address for port forwarding rule. Sets the LAN destination IP address for port forwarding rule. Remove the friendly name. Clears the original WAN destination IP address for port forwarding rule. Clears the LAN destination IP address for port forwarding rule. Clears the WAN port or range for port forwarding rule. Clears the LAN destination port for port forwarding rule. Change to config gateway port forwarding level. Sets the WAN port or range for port forwarding rule. Sets the WAN port or range for port forwarding rule.</text>
friendly name <text> ingress ip address <text> ip address <text> no friendly name no ingress ip address no ip address no port or range no target port port forwarding rule <number> port or range <text> protocol both</text></number></text></text></text>	Set the friendly name for port forwarding rule <text> = friendly name Sets the original WAN destination IP address for port forwarding rule. Sets the LAN destination IP address for port forwarding rule. Remove the friendly name. Clears the original WAN destination IP address for port forwarding rule. Clears the LAN destination IP address for port forwarding rule. Clears the WAN port or range for port forwarding rule. Clears the LAN destination port for port forwarding rule. Clears the WAN port or range for port forwarding rule. Sets the WAN port or range for port forwarding rule. Sets the WAN port or range for port forwarding rule. Sets the protocol to Both (TCP and UDP).</text>
friendly name <text> ingress ip address <text> ip address <text> no friendly name no ingress ip address no ip address no port or range no target port port forwarding rule <number> port or range <text> protocol both protocol tcp</text></number></text></text></text>	Set the friendly name for port forwarding rule <text> = friendly name Sets the original WAN destination IP address for port forwarding rule. Sets the LAN destination IP address for port forwarding rule. Remove the friendly name. Clears the original WAN destination IP address for port forwarding rule. Clears the LAN destination IP address for port forwarding rule. Clears the WAN port or range for port forwarding rule. Clears the LAN destination port for port forwarding rule. Change to config gateway port forwarding level. Sets the WAN port or range for port forwarding rule. Sets the protocol to Both (TCP and UDP). Sets the protocol to TCP.</text>
friendly name <text> ingress ip address <text> ip address <text> no friendly name no ingress ip address no ip address no port or range no target port port forwarding rule <number> port or range <text> protocol both protocol tcp protocol udp</text></number></text></text></text>	Set the friendly name for port forwarding rule <text> = friendly name Sets the original WAN destination IP address for port forwarding rule. Sets the LAN destination IP address for port forwarding rule. Remove the friendly name. Clears the original WAN destination IP address for port forwarding rule. Clears the LAN destination IP address for port forwarding rule. Clears the WAN port or range for port forwarding rule. Clears the LAN destination port for port forwarding rule. Change to config gateway port forwarding level. Sets the WAN port or range for port forwarding rule. <text> = port or range. Sets the protocol to Both (TCP and UDP). Sets the protocol to UDP.</text></text>

state enable	Enables the port forwarding rule.
target port <text></text>	Sets the LAN destination port for port forwarding rule. <text> = port.</text>
write	Stores the current configuration in permanent memory.
port forwarding rule 5 (config-portforwarding:5) 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 <text></text>	Sets the original WAN destination IP address for port forwarding rule.
ip address <text></text>	Sets the LAN destination IP address for port forwarding rule.
no friendly name	Remove the friendly name.
no ingress ip address	Clears the original WAN destination IP address for port forwarding rule.
no ip address	Clears the LAN destination IP address for port forwarding rule.
no port or range	Clears the WAN port or range for port forwarding rule.
no target port	Clears the LAN 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 WAN 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 LAN 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 of	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 <text></text>	Sets the original WAN destination IP address for port forwarding rule.
ip address <text></text>	Sets the LAN destination IP address for port forwarding rule.
no friendly name	Remove the friendly name.
no ingress ip address	Clears the original WAN destination IP address for port forwarding rule.

no ip address	Clears the LAN destination IP address for port forwarding rule.
no port or range	Clears the WAN port or range for port forwarding rule.
no target port	Clears the LAN 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 WAN 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 LAN destination port for port forwarding rule. <text> = port.</text>
write	Stores the current configuration in permanent memory.
port forwarding rule 7 (config-portforwardi	ng: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 <text></text>	Sets the original WAN destination IP address for port forwarding rule.
ip address <text></text>	Sets the LAN destination IP address for port forwarding rule.
no friendly name	Remove the friendly name.
no ingress ip address	Clears the original WAN destination IP address for port forwarding rule.
no ip address	Clears the LAN destination IP address for port forwarding rule.
no port or range	Clears the WAN port or range for port forwarding rule.
no target port	Clears the LAN 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 WAN 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 LAN 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 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 <text></text>	Sets the original WAN destination IP address for port forwarding rule.
ip address <text></text>	Sets the LAN destination IP address for port forwarding rule.
no friendly name	Remove the friendly name.
no ingress ip address	Clears the original WAN destination IP address for port forwarding rule.
no ip address	Clears the LAN destination IP address for port forwarding rule.
no port or range	Clears the WAN port or range for port forwarding rule.
no target port	Clears the LAN 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 WAN port or range for port forwarding rule. <pre><text> = port or range.</text></pre>
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 LAN destination port for port forwarding rule. <pre><text> = port.</text></pre>
write	Stores the current configuration in permanent memory.
python 1 (config-applications-python:1) level cor	mmands
clrscrn	Clears the screen.
exit	Exits to the next higher level.
filename <text></text>	Sets the script path.
no filename	Clear the script path.
no output	Clear the script output path.
no parameters	Clear the script parameters.
onshutdown disable	Do not run the script on shutdown.
onshutdown enable	Run the script on shutdown.
onstart disable	Do not run the script on startup.
onstart enable	Run the script on startup.
output <text></text>	Sets the script output path.
parameters <text></text>	Sets the script parameters.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current
·	

exit	Exits to the next higher level.
	Clears the screen.
python 4 (config-applications-python:4) level comman	
write	Stores the current configuration in permanent memory.
state enable	Enables script.
state disable	Disables script.
show history	Displays the last 20 commands entered during the current CLI session.
show	Shows the current configuration.
parameters <text></text>	Sets the script parameters.
output <text></text>	Sets the script output path.
onstart enable	Run the script on startup.
onstart disable	Do not run the script on startup.
onshutdown enable	Run the script on shutdown.
onshutdown disable	Do not run the script on shutdown.
no parameters	Clear the script parameters.
no output	Clear the script output path.
no filename	Clear the script path.
filename <text></text>	Sets the script path.
exit	Exits to the next higher level.
clrscrn	Clears the screen.
python 3 (config-applications-python:3) level comman	1
write	Stores the current configuration in permanent memory.
state enable	Enables script.
state disable	Disables script.
show history	Displays the last 20 commands entered during the current CLI session.
show	Shows the current configuration.
parameters <text></text>	Sets the script parameters.
output <text></text>	Sets the script output path.
onstart enable	Run the script on startup.
onstart disable	Do not run the script on startup.
onshutdown enable	Run the script on shutdown.
onshutdown disable	Do not run the script on shutdown.
no parameters	Clear the script parameters.
no output	Clear the script output path.
no filename	Clear the script path.
filename <text></text>	Sets the script path.
exit	Exits to the next higher level.
clrscrn	Clears the screen.
python 2 (config-applications-python:2) level comman	
write	Stores the current configuration in permanent memory.
state enable	Enables script.
state disable	Disables script.
	CLI session.

filename <text></text>	Sets the script path.
no filename	Clear the script path.
no output	Clear the script output path.
no parameters	Clear the script parameters.
onshutdown disable	Do not run the script on shutdown.
onshutdown enable	Run the script on shutdown.
onstart disable	Do not run the script on startup.
onstart enable	
	Run the script on startup.
output <text></text>	Sets the script output path.
parameters <text></text>	Sets the script parameters.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
state disable	Disables script.
state enable	Enables script.
write	Stores the current configuration in permanent memory.
qos (config-ethernet-qos:usb0) 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-wlan-qos:wlan0) level commands	
cirscrn	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
	Disables QoS.
state disable	
state enable	Enables QoS.

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serial (tunnel-serial:3) level commands	
write	Stores the current configuration in permanent memory.
wpax	Enters the next lower level.
wep	Enters the next lower level.
suite wpa2-wpa mixed	Sets the security suite to WPA2/WPA Mixed Mode.
suite wep	Sets the security suite to WEP.
suite none	Sets the security suite to None.
show history	Displays the last 20 commands entered during the current CLI session.
show	Displays the current configuration.
passphrase <text></text>	Sets the passphrase. Maximum 63 characters. <text> = put quotes around characters that make up the passphrase. Please refer to other equipment manuals to determine the recommended passphrase input style. NOTE: Lantronix recommends using a passphrase of 20 characters or more for maximum security. Spaces and punctuation characters are permitted.</text>
no passphrase	Removes the passphrase.
key type passphrase	Sets the key type to passphrase.
key type hex	Sets the key type to hex.
exit	Exit to the profiles level
default suite	Restores the security method (suite) to the default value (None).
default key type	Restores the key type to the default value (passphrase).
clrscrn	Clears the screen.
basic	still have the original settings. Switch to basic level
apply wlan	Try out WLAN settings without saving them to Flash. If the settings do not work, when you reboot the device, it will
advanced	Switch to advanced level
security (config-profile-security:lantronix_default_adl	
trace route <host> <protocol></protocol></host>	Trace route to destination using TCP, ICMP, or UDP
trace route <host></host>	Trace route to destination
tcpdump <parameters></parameters>	dump traffic on a network
show rules	show system rules
show routes	show system routing table
show history show lines	Displays the last 20 commands entered during the current CLI session. Show line information
show	Show system information
ping6 <host> <count> <timeout></timeout></count></host>	Ping destination n times with x timeout (in seconds)
ping6 <host> <count></count></host>	Ping destination n times with 5 second timeout
ping6 <host></host>	Ping destination continuously with 5 second timeout
ping <host> <count> <timeout></timeout></count></host>	Ping destination n times with x timeout (in seconds)
ping <host> <count></count></host>	Ping destination n times with 5 second timeout
ping <host></host>	Ping destination continuously with 5 second timeout
	ed string.

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.
serial (tunnel-serial:2) 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.
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 2048	Generate DSA public and private keys
host generate dsa 4096	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 2048	Generate RSA public and private keys
host generate rsa 4096	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.
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 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 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.

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write Stores the current configuration in permanent memory. snmp trap (config-action-snmp_trap:on scheduled reboot) level commands alarm message <text> Sets the message to be sent when the alarm turns on.</text>	state disable	Does not send SNMP Trap.
snmp trap (config-action-snmp_trap:on scheduled reboot) level commands alarm message <text> Sets the message to be sent when the alarm turns on.</text>	state enable	Sends SNMP Trap when alarm condition is met.
alarm message <text> Sets the message to be sent when the alarm turns on.</text>	write	Stores the current configuration in permanent memory.
	snmp trap (config-action-snmp_trap:on scheduled reb	oot) level commands
clrscrn Clears the screen.	alarm message <text></text>	Sets the message to be sent when the alarm turns on.
	cirscrn	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 cha	ange) 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 commands	
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.
default privacy protocol	Restores to default SNMPv3 privacy encryption method: DES for agent.
default read community	Restores the SNMP read-only community to default: public
default security	Restores to default SNMPv3 security method: Authentication, No Privacy for agent.
default system description	Restores the SNMP system description to its default.
default system name	Restores the SNMP system name to default: the product name.
default version	Restores to default SNMP version v2c for agent.
default write community	Clears the SNMP read/write community to default: private

exit	Evita to the payt higher level
	Exits to the next higher level.
no authentication password	Clears authentication password for agent.
no privacy password	Clears privacy password for agent.
no system contact	Clears the SNMP system contact.
no username	Clears SNMPv3 username for agent.
privacy password <text></text>	Sets password used for privacy encryption for agent.
privacy protocol aes	Uses AES for privacy encryption for agent.
privacy protocol des	Uses DES for privacy encryption for agent.
read community <text></text>	Sets the SNMP read-only community string. <text> = name of the read-only community string to be set.</text>
security authentication and privacy	Authentication and Privacy for agent.
security authentication but no privacy	Authentication, No Privacy for agent.
security no authentication and no priv	No Authentication, No Privacy for agent.
show	Shows the current configuration.
show engine id	Displays the SNMP agent engine ID.
show history	Displays the last 20 commands entered during the current CLI session.
state disable	Disables the SNMP agent.
state enable	Enables the SNMP agent.
system contact <text></text>	Sets the SNMP system contact information. <text> = system contact information.</text>
system description <text></text>	Sets the SNMP system description. <text> = description of device.</text>
system name <text></text>	Sets the SNMP system name. <text> = SNMP system name.</text>
username <text></text>	Sets SNMPv3 username for agent.
version snmpv1	Uses SNMPv1 for agent.
version snmpv2c	Uses SNMPv2c for agent.
version snmpv3	Uses SNMPv3 for agent.
write	Stores the current configuration in permanent memory.
write community <text></text>	Sets the SNMP read-write community string. <text> = name of the read-write community string to be set.</text>
ssh (ssh) level commands	
client	Enters the SSH Client configuration level.
clrscrn	Clears the screen.
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 <number></number>	Sets the maximum allowed concurrent incoming SSH
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	sessions. <number> = number of sessions.</number>
port <number></number>	Sets the local port that the SSH server uses. <number> =</number>
port <td>local port number.</td>	local port 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.
credentials	Enters the SSL credentials configuration level.
delete csr	Delete generated CSR (Certificate Signing Request).
exit	Exits to the enable level.
generate csr	Generate a new CSR (Certificate Signing Request).
show history	Displays the last 20 commands entered during the current CLI session.
trusted authorities	Enters the SSL configuration level.
view csr	View generated CSR (Certificate Signing Request).
write	Stores the current configuration in permanent memory.
static leases 1 (config-dhcpd-static_leases:1) level con	nmands
clrscrn	Clears the screen.
exit	Exits to the config-dhcpd level.
ip address <ip address=""></ip>	Sets the reserved IP address.
ipv6 address <ipv6 address="" prefix=""></ipv6>	Sets the reserved IPv6 address. IPv6 addresses are written in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix
no ip address	Clears the reserved IP address.
no ipv6 address	Clears the reserved IPv6 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 2 (config-dhcpd-static_leases:2) level con	nmands
clrscrn	Clears the screen.
exit	Exits to the config-dhcpd level.
ip address <ip address=""></ip>	Sets the reserved IP address.
ipv6 address <ipv6 address="" prefix=""></ipv6>	Sets the reserved IPv6 address. IPv6 addresses are written in eight groups of four hexadecimal digits separated by colons, such as

2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix
Clears the reserved IP address.
Clears the reserved IPv6 address.
Removes the MAC Address.
Displays the current configuration.
Displays the last 20 commands entered during the current CLI session.
Change to dhcpd static lease 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 reserved IPv6 address. IPv6 addresses are written in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix
Clears the reserved IP address.
Clears the reserved IPv6 address.
Removes the MAC Address.
Displays the current configuration.
Displays the last 20 commands entered during the current CLI session.
Change to dhcpd static lease 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 reserved IPv6 address. IPv6 addresses are written in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix
Clears the reserved IP address.
Clears the reserved IPv6 address.
Removes the MAC Address.
Displays the current configuration.
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 5 (config-dhcpd-static_leases:5) level co	-
clrscrn	Clears the screen.
exit	Exits to the config-dhcpd level.
ip address <ip address=""></ip>	Sets the reserved IP address.
ipv6 address <ipv6 address="" prefix=""></ipv6>	Sets the reserved IPv6 address. IPv6 addresses are written in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix
no ip address	Clears the reserved IP address.
no ipv6 address	Clears the reserved IPv6 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 6 (config-dhcpd-static_leases:6) level co	mmands
clrscrn	Clears the screen.
exit	Exits to the config-dhcpd level.
ip address <ip address=""></ip>	Sets the reserved IP address.
ipv6 address <ipv6 address="" prefix=""></ipv6>	Cata the recomined ID: Caddress ID: Caddress or write
ipvo address sipvo address/prenx-	Sets the reserved IPv6 address. IPv6 addresses are written in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix
no ip address	ten in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size
	ten in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix
no ip address	ten in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix Clears the reserved IP address.
no ip address no ipv6 address	ten in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix Clears the reserved IP address. Clears the reserved IPv6 address.
no ip address no ipv6 address no mac address	ten in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix Clears the reserved IP address. Clears the reserved IPv6 address. Removes the MAC Address.
no ip address no ipv6 address no mac address show	ten in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix Clears the reserved IP address. Clears the reserved IPv6 address. Removes the MAC Address. Displays the current configuration. Displays the last 20 commands entered during the current
no ip address no ipv6 address no mac address show show history	ten in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix Clears the reserved IP address. Clears the reserved IPv6 address. Removes the MAC Address. Displays the current configuration. Displays the last 20 commands entered during the current CLI session.
no ip address no ipv6 address no mac address show show history static leases < number>	ten in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix Clears the reserved IP address. Clears the reserved IPv6 address. Removes the MAC Address. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Change to dhcpd static lease level. Stores the current configuration in permanent memory.
no ip address no ipv6 address no mac address show show history static leases < number> write	ten in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix Clears the reserved IP address. Clears the reserved IPv6 address. Removes the MAC Address. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Change to dhcpd static lease level. Stores the current configuration in permanent memory.
no ip address no ipv6 address no mac address show show history static leases <number> write static leases 7 (config-dhcpd-static_leases:7) level co</number>	ten in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix Clears the reserved IP address. Clears the reserved IPv6 address. Removes the MAC Address. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Change to dhcpd static lease level. Stores the current configuration in permanent memory.
no ip address no ipv6 address no mac address show show history static leases <number> write static leases 7 (config-dhcpd-static_leases:7) level co</number>	ten in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix Clears the reserved IP address. Clears the reserved IPv6 address. Removes the MAC Address. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Change to dhcpd static lease level. Stores the current configuration in permanent memory.

	2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix
no ip address	Clears the reserved IP address.
no ipv6 address	Clears the reserved IPv6 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 8 (config-dhcpd-static_leases:8) level con	nmands
clrscrn	Clears the screen.
exit	Exits to the config-dhcpd level.
ip address <ip address=""></ip>	Sets the reserved IP address.
ipv6 address <ipv6 address="" prefix=""></ipv6>	Sets the reserved IPv6 address. IPv6 addresses are written in eight groups of four hexadecimal digits separated by colons, such as 2001:0db8:85a3:0000:0000:8a2e:0370:7334 Network address ranges are written in CIDR notation. A network is denoted by the first address in the block (ending in all zeroes), a slash (/), and a decimal value equal to the size in bits of the prefix
no ip address	Clears the reserved IP address.
no ipv6 address	Clears the reserved IPv6 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 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 <text></text>	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 <text></text>	Sets the IP address and network mask for static route network.
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
5.0.7	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 2 (config-staticroute:2) 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 <text></text>	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 <text></text>	Sets the IP address and network mask for static route network.
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 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 <text></text>	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 <text></text>	Sets the IP address and network mask for static route network.
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 <text></text>	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 <text></text>	Sets the IP address and network mask for static route network.
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 5 (config-staticroute:5) 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 <text></text>	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 <text></text>	Sets the IP address and network mask for static route network.
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 6 (config-staticroute:6) level commands	garana appropriate the second
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 <text></text>	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 <text></text>	Sets the IP address and network mask for static route network.
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 7 (config-staticroute:7) 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 <text></text>	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 <text></text>	Sets the IP address and network mask for static route network.
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 8 (config-staticroute:8) level commands	geraler in permanent memory.
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</text>
	name
gateway <text></text>	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 <text></text>	Sets the IP address and network mask for static route network.
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.
atata dipabla	
state disable	Disables the static route.
state disable	Enables the static route.
state enable	Enables the static route.
state enable static route <number></number>	Enables the static route. Change to config gateway static route level.
state enable static route < <i>number</i> > write	Enables the static route. Change to config gateway static route level.
state enable static route <number> write syslog (config-syslog) level commands</number>	Enables the static route. Change to config gateway static route level. Stores the current configuration in permanent memory.
state enable static route <number> write syslog (config-syslog) level commands clrscrn</number>	Enables the static route. Change to config gateway static route level. Stores the current configuration in permanent memory. Clears the screen.
state enable static route <number> write syslog (config-syslog) level commands clrscrn default remote port</number>	Enables the static route. Change to config gateway static route level. Stores the current configuration in permanent memory. Clears the screen. Restores the default syslog remote port.
state enable static route <number> write syslog (config-syslog) level commands clrscrn default remote port default severity log level</number>	Enables the static route. Change to config gateway static route level. Stores the current configuration in permanent memory. Clears the screen. Restores the default syslog remote port. Restores the default to no logging.
state enable static route <number> write syslog (config-syslog) level commands clrscrn default remote port default severity log level exit</number>	Enables the static route. Change to config gateway static route level. Stores the current configuration in permanent memory. Clears the screen. Restores the default syslog remote port. Restores the default to no logging. Returns to the config level. Sets the address of the syslog recipient. <text> = IP ad-</text>
state enable static route <number> write syslog (config-syslog) level commands clrscrn default remote port default severity log level exit host <text></text></number>	Enables the static route. Change to config gateway static route level. Stores the current configuration in permanent memory. Clears the screen. Restores the default syslog remote port. Restores the default to no logging. Returns to the config level. Sets the address of the syslog recipient. <text> = IP address or name of the host.</text>
state enable static route <number> write syslog (config-syslog) level commands clrscrn default remote port default severity log level exit host <text> no host</text></number>	Enables the static route. Change to config gateway static route level. Stores the current configuration in permanent memory. Clears the screen. Restores the default syslog remote port. Restores the default to no logging. Returns to the config level. Sets the address of the syslog recipient. <text> = IP address or name of the host. Removes the address of the syslog recipient. Sets the syslog remote port. <number> = number of the</number></text>
state enable static route <number> write syslog (config-syslog) level commands clrscrn default remote port default severity log level exit host <text> no host remote port <number></number></text></number>	Enables the static route. Change to config gateway static route level. Stores the current configuration in permanent memory. Clears the screen. Restores the default syslog remote port. Restores the default to no logging. Returns to the config level. Sets the address of the syslog recipient. <text> = IP address or name of the host. Removes the address of the syslog recipient. Sets the syslog remote port. <number> = number of the remote port used when making a syslog connection.</number></text>
state enable static route <number> write syslog (config-syslog) level commands clrscrn default remote port default severity log level exit host <text> no host remote port <number> severity log level alert</number></text></number>	Enables the static route. Change to config gateway static route level. Stores the current configuration in permanent memory. Clears the screen. Restores the default syslog remote port. Restores the default to no logging. Returns to the config level. Sets the address of the syslog recipient. <text> = IP address or name of the host. Removes the address of the syslog recipient. Sets the syslog remote port. <number> = number of the remote port used when making a syslog connection. Log only Alert and more severe events.</number></text>
state enable static route <number> write syslog (config-syslog) level commands clrscrn default remote port default severity log level exit host <text> no host remote port <number> severity log level alert severity log level critical</number></text></number>	Enables the static route. Change to config gateway static route level. Stores the current configuration in permanent memory. Clears the screen. Restores the default syslog remote port. Restores the default to no logging. Returns to the config level. Sets the address of the syslog recipient. <text> = IP address or name of the host. Removes the address of the syslog recipient. Sets the syslog remote port. <number> = number of the remote port used when making a syslog connection. Log only Alert and more severe events. Log only Critical and more severe events.</number></text>
state enable static route <number> write syslog (config-syslog) level commands clrscrn default remote port default severity log level exit host <text> no host remote port <number> severity log level alert severity log level debug severity log level debug</number></text></number>	Enables the static route. Change to config gateway static route level. Stores the current configuration in permanent memory. Clears the screen. Restores the default syslog remote port. Restores the default to no logging. Returns to the config level. Sets the address of the syslog recipient. <text> = IP address or name of the host. Removes the address of the syslog recipient. Sets the syslog remote port. <number> = number of the remote port used when making a syslog connection. Log only Alert and more severe events. Log all events.</number></text>
state enable static route <number> write syslog (config-syslog) level commands clrscrn default remote port default severity log level exit host <text> no host remote port <number> severity log level alert severity log level critical severity log level debug severity log level emergency</number></text></number>	Enables the static route. Change to config gateway static route level. Stores the current configuration in permanent memory. Clears the screen. Restores the default syslog remote port. Restores the default to no logging. Returns to the config level. Sets the address of the syslog recipient. <text> = IP address or name of the host. Removes the address of the syslog recipient. Sets the syslog remote port. <number> = number of the remote port used when making a syslog connection. Log only Alert and more severe events. Log only Critical and more severe events. Log only Emergency events.</number></text>
state enable static route <number> write syslog (config-syslog) level commands clrscrn default remote port default severity log level exit host <text> no host remote port <number> severity log level alert severity log level debug severity log level debug severity log level emergency severity log level error</number></text></number>	Enables the static route. Change to config gateway static route level. Stores the current configuration in permanent memory. Clears the screen. Restores the default syslog remote port. Restores the default to no logging. Returns to the config level. Sets the address of the syslog recipient. <text> = IP address or name of the host. Removes the address of the syslog recipient. Sets the syslog remote port. <number> = number of the remote port used when making a syslog connection. Log only Alert and more severe events. Log only Critical and more severe events. Log only Emergency events. Log only Error and more severe events.</number></text>
state enable static route <number> write syslog (config-syslog) level commands clrscrn default remote port default severity log level exit host <text> no host remote port <number> severity log level alert severity log level debug severity log level debug severity log level emergency severity log level error severity log level information</number></text></number>	Enables the static route. Change to config gateway static route level. Stores the current configuration in permanent memory. Clears the screen. Restores the default syslog remote port. Restores the default to no logging. Returns to the config level. Sets the address of the syslog recipient. <text> = IP address or name of the host. Removes the address of the syslog recipient. Sets the syslog remote port. <number> = number of the remote port used when making a syslog connection. Log only Alert and more severe events. Log only Critical and more severe events. Log only Emergency events. Log only Error and more severe events. Log only Information and more severe events.</number></text>

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 <number></number>	Sets the maximum allowed concurrent incoming Telnet sessions. <number> = number of sessions.</number>
port <number></number>	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></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	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	Enters the tunnel level. line> = number of the tunnel line (serial port) to be configured.
usb <line></line>	Enters the usb level. line> = number of the line (usb 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 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	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 line>	Enters the tunnel level. line> = number of the tunnel line (serial port) to be configured.
usb <line></line>	Enters the usb level. line> = number of the line (usb port) to be configured.
write	Stores the current configuration in permanent memory.
terminal 3 (config-terminal:3) 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>	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	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 line>	Enters the tunnel level. line> = number of the tunnel line (serial port) to be configured.
usb <line></line>	Enters the usb level. line> = number of the line (usb port) to be configured.
write	Stores the current configuration in permanent memory.

terminal network (config-terminal:network) level comm	nands
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 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	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 <line></line>	Enters the tunnel level. line> = number of the tunnel line (serial port) to be configured.
usb <line></line>	Enters the usb level. line> = number of the line (usb 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 the trap community string to be set.</text>
default authentication protocol	Restores to default SNMPv3 authentication method: MD5 for traps.

default privacy protocol Restores to default SNMPv3 privacy encryption method: DES for traps. Restores to default SNMPv3 security method: Authentication, No Privacy for traps. Restores to default SNMP version v2c for traps. 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. Deletes the secondary SNMP trap host. Clears shiMPv3 usermame for traps. Deletes the secondary SNMP trap host. Clears SNMPv3 usermame for traps. Sets the primary SNMP trap host. text = IP address or hostname of SNMP trap host. text = IP address or hostname of SNMP trap host. text = IP address or hostname of SNMP trap host. text = IP address or hostname of SNMP trap host. text = IP address or hostname of SNMP trap host. text = IP address or hostname of SNMP trap host. text = IP address or hostname of SNMP trap host. text = IP address or hostname of SNMP trap host. text = IP address or hostname of SNMP trap host. text = IP address or hostname of SNMP trap host. text = IP address or hostname of SNMP trap host. text = IP address or hostname of SNMP trap roceiver. 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. Security no authentication and no priv Show shistory Uses SNMPv1 for traps. Version snmpv1 Uses SNMPv2 to traps. Version snmpv2 Uses SNMPv3 to traps. Version snmpv3 Uses SNMPv3 for traps. Version snmpv4 Version snmpv4 Uses SNMPv3 for traps. Version snmpv5 Uses SNMPv3 for traps. Version snmpv6 Version snmpv7 Uses SNMPv3 for traps. Version	default community	Restores the SNMP trap community to default: public
DES for traps.	,	
tion, 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. Deletes the primary SNMP trap host. no privacy password no secondary destination Deletes the secondary SNMP trap host. Clears SNMPv3 username for traps. Deletes the secondary SNMP trap host. Clears SNMPv3 username for traps. Sets the primary SNMP trap host. <text> = IP address or hostname of SNMP trap host. <text> = IP address or hostname of SNMP trap post. <text> = IP address or hostname of SNMP trap post. <text> = IP address or hostname of SNMP trap post. <text> = IP address or hostname of SNMP trap post. <text> = IP address or hostname of SNMP trap post. <text> = IP address or hostname of SNMP trap post. <text> = IP address or hostname of SNMP trap post. <text> = IP address or hostname of SNMP trap post. <text> = IP address or hostname of SNMP trap host. <text> = IP address or hostname of SNMP trap host. <text> = IP address or hostname of SNMP trap host. <text> = IP address or hostname of SNMP trap host. <text> = IP address or hostname of SNMP trap host. <text> = IP address or hostname of SNMP trap post. <text> = IP address or hostname of SNMP trap host. <text> = IP address or hostname of SNMP trap receiver. Security authentication and privacy Authentication and Privacy for traps. security authentication but no privacy Authentication, No Privacy for traps. Security authentication and no priv No Authentication, No Privacy for traps. Security authentication and no priv No Authentication, No Privacy for traps. Security authentication and no priv Show she current configuration. Show history Uses SNMPv3 username for traps. Version snmpv1 Uses SNMPv3 username for traps. Version snmpv2 Uses SNMPv3 username for traps. Version snmpv3 Uses SNMPv3 to traps. Version snmpv4 Uses SNMPv3 username for traps. Version snmpv4 Uses SNMPv3 to traps. Version snmpv5 Version snmpv6 Uses SNMPv3 to tr</text></text></text></text></text></text></text></text></text></text></text></text></text></text></text></text></text>	, , ,	
exit no authentication password Clears authentication password for traps. on primary destination Deletes the primary SNMP trap host. no privacy password Clears privacy password for traps. on secondary destination Deletes the secondary SNMP trap host. no userame Clears SNMPv3 username for traps. Primary destination < fetz/> Sets the primary SNMP trap host. < fetz/> Privacy password < Clears SNMPv3 username for traps. Sets the primary SNMP trap host. < fetz/> Privacy password < fetz/> Sets the primary SNMP trap host. < fetz/> Privacy protocol des Uses AES for privacy encryption for traps. Privacy protocol des Uses DES for privacy encryption for traps. Secondary destination < fetz/> Sets the secondary SNMP trap host. < fetz/> Sets the secondary SNMP trap host. < fetz/> Security authentication and privacy Security authentication and privacy Authentication and Privacy for traps. Security authentication but no privacy Authentication, No Privacy for traps. Security authentication and no priv Authentication, No Privacy for traps. Security authentication and no priv No Authentication, No Privacy for traps. Security authentication and no priv No Authentication, No Privacy for traps. Security authentication and no priv No Authentication, No Privacy for traps. Security authentication and no priv No Authentication, No Privacy for traps. Security authentication and no priv No Authentication, No Privacy for traps. Security no authentication and no priv No Authentication, No Privacy for traps. Security no authentication and no priv Show Isomatication and no priv Uses SNMPv3 username for traps. Uses SNMPv3 to traps. Uses SNMPv3 for traps. Uses SNMPv3 for traps. Uses SNMPv3 for traps. Write Stores the current configuration in permanent memory. Intested authority <cert> Index displayed by "show authority" command. Privacy formand. Privacy formands Stores the current configuration in permanent me</cert>	default security	
no authentication password no primary destination no privacy password no privacy password no secondary destination Deletes the primary SNMP trap host. no username Clears SNMPv3 username for traps. primary destination <pre> Clears SNMPv3 username for traps. Primary destination <pre> Clears SNMPv3 username for traps. Primary destination </pre> Clears SNMPv3 username for traps. Sets the primary SNMP trap host. <pre> clears SNMPv3 username for traps. Privacy password <pre> primary destination <pre> clears SNMPv3 username for traps. Privacy password <pre> privacy password <pre> privacy password <pre> clears SNMPv3 username for traps. Privacy password <pre> privacy protocol aes Dest for privacy encryption for traps. Privacy protocol des Uses AES for privacy encryption for traps. Privacy protocol des Uses DES for privacy encryption for traps. Security authentication and privacy Authentication and Privacy encryption for traps. Security authentication but no privacy Authentication and Privacy for traps. Security authentication but no privacy Authentication, No Privacy for traps. Security authentication and no priv No Authentication, No Privacy for traps. Security no authentication and no priv No Authentication, No Privacy for traps. Show show istory Displays the last 20 commands entered during the current CLI session. Username <pre> text> Sets SNMPv2 username for traps. Version snmpv1 Uses SNMPv3 for traps. Version snmpv2 Uses SNMPv3 for traps. Version snmpv3 Version snmpv4 Version snmpv4 Version snmpv4 Version snmpv5 Version snmpv6 Version snmpv7 Version snmpv7 Version snmpv7 Version snmpv7 Version snmpv8 Version snmpv8 Version snmpv8 Version snmpv9 Vers</pre></pre></pre></pre></pre></pre></pre></pre></pre>	default version	Restores to default SNMP version v2c for traps.
no primary destination no privacy password Clears privacy password for traps. no secondary destination Deletes the secondary SNMP trap host. no username Clears SNMPv3 username for traps. Sets the primary SNMP trap host. < text> = IP address or hostname of SNMP vap receiver. privacy password <fext> Sets she primary SNMP trap host. < text> = IP address or hostname of SNMP vap receiver. privacy protocol aes Uses AES for privacy encryption for traps. privacy protocol des Uses AES for privacy encryption for traps. secondary destination <fext> Sets the secondary SNMP trap host. < text> = IP address or hostname of SNMP trap host. < text> = IP address or hostname of SNMP trap host. < text> = IP address or hostname of SNMP trap host. < text> = IP address or hostname of SNMP trap receiver. 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. security no authentication and no priv No Authentication, No Privacy for traps. security no authentication and no priv Show Shows the current configuration. show history Displays the last 20 commands entered during the current CLI session. username <fext> Sets SNMPv3 username for traps. version snmpv1 Uses SNMPv1 for traps. version snmpv2 Uses SNMPv3 for traps. version snmpv3 Uses SNMPv3 for traps. version snmpv4 Uses SNMPv3 for traps. version snmpv3 Uses SNMPv3 for traps. version snmpv4 Uses SNMPv3 for traps. version snmpv6 Uses SNMPv3 for traps. version snmpv7 Uses SNMPv3 for traps. version snmpv6 Uses SNMPv3 for traps. version snmpv7 Uses SNMPv3 for traps. version snmpv6 Uses SNMPv3 for traps. version snmpv7 Uses SN</fext></fext></fext>	exit	Exits to the next higher level.
no privacy password no secondary destination Deletes the secondary SNMP trap host. no username Clears SNMPv3 username for traps. privacy password <fext> Sets the primary SNMP trap host. <fext> = IP address or hostname of SNMP trap post. <fext> = IP address or hostname of SNMP trap post. <fext> = IP address or hostname of SNMP trap post. <fext> = IP address or hostname of SNMP trap receiver. privacy password <fext> Sets password used for privacy encryption for traps. privacy protocol des Uses AES for privacy encryption for traps. Uses DES for privacy encryption for traps. Sets the secondary SNMP trap host. <fext> = IP address or hostname of SNMP trap receiver. 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. security authentication and no priv No Authentication, No Privacy for traps. security no authentication and no priv No Authentication, No Privacy for traps. Security no authentication and no priv Shows the current configuration. bisplays the last 20 commands entered during the current CLI session. Uses SNMPv1 for traps. version snmpv1 Uses SNMPv1 for traps. version snmpv2 Uses SNMPv2 for traps. version snmpv3 Uses SNMPv3 for traps. version snmpv4 Uses SNMPv3 for traps. version snmpv3 Uses SNMPv3 for traps. version snmpv4 Uses SNMPv3 for traps. version snmpv3 Uses SNMPv3 for traps. version snmpv4 Uses SNMPv3 for traps. version snmpv4 Uses SNMPv3 for traps. version snmpv5 Uses SNMPv3 for traps. version snmpv6 Uses SNMPv3 for traps. version snmpv7 Uses SNMPv3 for traps. version snmpv6 Uses SNMPv3 for traps. version snmpv7 Uses SNMPv3 for traps. version snmpv6 Uses SNMPv3 for traps. version snmpv7 Uses SNMPv3 for traps. version snmpv6 Uses SNMPv3 for traps. version snmpv7 Uses SNMPv3 for traps. version snmpv7 Uses SNMPv3 for traps. version snmpv6 Uses SNMPv3 for traps. version snmpv6 Uses SNMPv3 for t</fext></fext></fext></fext></fext></fext></fext>	no authentication password	Clears authentication password for traps.
no secondary destination Deletes the secondary SNMP trap host. no username Clears SNMP/3 username for traps. Sets the primary SNMP trap host. < text> = IP address or hostname of SNMP trap receiver. privacy password <fext> Sets password used for privacy encryption for traps. privacy protocol aes privacy protocol des privacy protocol des secondary destination <fext> Sets password used for privacy encryption for traps. Uses DES for privacy encryption for traps. Sets the secondary SNMP trap host. <text> = IP address or hostname of SNMP trap receiver. Security authentication and privacy 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. Shows the current configuration. Show history Displays the last 20 commands entered during the current CLI session. username <fext> Sets SNMPv3 username for traps. Version snmpv1 Uses SNMPv1 for traps. version snmpv2 Uses SNMPv2c for traps. version snmpv3 Uses SNMPv3 for traps. version snmpv1 Uses SNMPv3 for traps. Version snmpv3 Uses SNMPv3 for traps. Version snmpv4 Uses SNMPv3 for traps. Version snmpv6 Uses SNMPv3 for traps. Version snmpv7 Uses SNMPv3 for traps. Version snmpv6 Uses SNMPv3 for traps. Version snmpv7 Uses SNMPv3 for traps. Version snmpv7 Uses SNMPv3 for traps. Version snmpv6 Uses SNMPv3 for traps. Version snmpv7 Uses SNMPv3 for traps. Version snmpv6 Uses SNMPv3 for traps. Version snmpv7 Uses SNMPv3 for traps. Version snmpv6 Uses SNMPv3 for traps. Version snmpv7 Uses SNMPv3 for traps. Version snmpv6 Uses SNMPv3 for traps. Version snmpv7 Uses SNMPv3 for traps.</fext></text></fext></fext>	no primary destination	Deletes the primary SNMP trap host.
no username Clears SNMPv3 username for traps.	no privacy password	Clears privacy password for traps.
primary destination <fext> Sets the primary SNMP trap host. <text> = IP address or hostname of SNMP trap receiver. Sets password used for privacy encryption for traps. Uses AES for privacy encryption for traps. Uses DES for privacy encryption for traps. Uses DES for privacy encryption for traps. Uses DES for privacy encryption for traps. Sets the secondary SNMP trap host. <text> = IP address or hostname of SNMP trap host. <text> = IP address or hostname of SNMP trap host. <text> = IP address or hostname of SNMP trap receiver. Security authentication and privacy Authentication, No 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 show authentication and entered during the current CLI session. Username <fext> Sets SNMPv3 username for traps. Version snmpv1 Version snmpv2 Version snmpv2 Uses SNMPv1 for traps. Version snmpv2 Version snmpv3 Uses SNMPv3 for traps. Version snmpv3 Version snmpv4 Version snmpv4 Version snmpv5 Version snmpv6 Version snmpv7 Uses SNMPv3 for traps. Version snmpv6 Version snmpv7 Uses SNMPv3 for traps. Version snmpv7 Version snmpv8 Version snmpv8 Version snmpv8 Version snmpv8 Version snmpv9 Version snmpv9 Version snmpv9 Version snmpv8 Version snmpv9 Version snmpv9 Version snmpv9 Version snmpv1 Version snmpv8 Version snmpv9 Version snmpv8 Version snmpv8 Version snmpv9 Version snmpv9</fext></text></text></text></text></fext>	no secondary destination	Deletes the secondary SNMP trap host.
hostname of SNMP trap receiver. privacy password <pre> privacy protocol aes privacy protocol des privacy protocol des privacy protocol des gecondary destination <pre></pre></pre>	no username	Clears SNMPv3 username for traps.
privacy protocol aes privacy protocol des privacy protocol fraps privacy protocol des privacy for traps. protocol des privacy	primary destination <text></text>	Sets the primary SNMP trap host. <text> = IP address or hostname of SNMP trap receiver.</text>
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Sets the secondary SNMP trap host. <pre> security authentication and privacy security authentication but no privacy security authentication and no priv security no authentication and no priv security no authentication and no priv No Authentication, No Privacy for traps. security no authentication and no priv Show Shows the current configuration. Show history Displays the last 20 commands entered during the current CLI session. Sets SNMPv3 username for traps. version snmpv1 Uses SNMPv1 for traps. version snmpv2 Uses SNMPv2 for traps. version snmpv3 Uses SNMPv3 for traps. version snmpv3 Uses SNMPv3 for traps. version snmpv4 Uses SNMPv3 for traps. version snmpv4 Uses SNMPv3 for traps. version snmpv5 Version snmpv6 Version snmpv7 Uses SNMPv3 for traps. Version snmpv7 Uses SNMPv3 for traps. Version snmpv7 Version snmpv8 Version snmpv9 Version snmpv1 Version snmpv1 Version snmpv1 Version snmpv9 Version snmpv9 Version snmpv9 Version snmpv1 Version snmpv9 Version snmpv9 Version snmpv9 Version snmpv9 Version snmpv9 Version snmpv1 Version snmpv9 Version snmpv1 Version snmpv9 Version snmpv9 Version snmpv1 Version snmpv9 Version snmpv1 Version snmpv9 Version snmpv9 Version snmpv9 Version snmpv1 Version snmpv9 Vers</pre>	privacy protocol aes	Uses AES for privacy encryption for traps.
or hostname of SNMP trap receiver. security authentication and privacy security authentication but no privacy security authentication but no privacy security authentication but no privacy security no authentication and no priv No Authentication, No Privacy for traps. No Authentication, No Privacy for traps. Shows the current configuration. Shows the current configuration. Displays the last 20 commands entered during the current CLI session. username <text> Sets SNMPv3 username for traps. version snmpv1 Uses SNMPv1 for traps. version snmpv2c Uses SNMPv2 for traps. version snmpv3 Uses SNMPv3 for traps. version snmpv3 version snmpv3 write Stores the current configuration in permanent memory. trusted authorities (ssI-auth) level commands add Adds an Authority Certificate. clears the screen. exit Exits to the ssI level. no intermediate authority <cert> Removes an Intermediate Authority Certificate. <cert> = index displayed by "show authority" command. no trusted authority <cert> Removes a Trusted Authority Certificate. <cert> = index displayed by "show authority" command. show Displays Authority Certificate Information. 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 clear counters Zeros all tunnel counters</cert></cert></cert></cert></text>	privacy protocol des	Uses DES for privacy encryption for traps.
security authentication but no privacy security no authentication and no priv show Shows the current configuration. Show history Displays the last 20 commands entered during the current CLI session. Sets SNMPv3 username for traps. Version snmpv1 Uses SNMPv1 for traps. Version snmpv2 Version snmpv3 Uses SNMPv2 for traps. Version snmpv3 Uses SNMPv3 for traps. Version snmpv4 Version snmpv4 Version snmpv5 Version snmpv6 Version snmpv7 Version snmpv7 Version snmpv8 Version snmpv8 Version snmpv9 Versio	secondary destination <text></text>	Sets the secondary SNMP trap host. <text> = IP address or hostname of SNMP trap receiver.</text>
security no authentication and no priv show Shows the current configuration. Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Username <text> Sets SNMPv3 username for traps. Version snmpv1 Uses SNMPv1 for traps. Version snmpv2c Uses SNMPv2c for traps. Version snmpv3 Uses SNMPv3 for traps. Version snmpv3 Write Stores the current configuration in permanent memory. **trusted authorities (ssl-auth) level commands** add Adds an Authority Certificate. Clears the screen. exit Exits to the ssl level. no intermediate authority <cert> Removes an Intermediate Authority Certificate. <cert> = index displayed by "show authority" command. no trusted authority <cert> Removes a Trusted Authority Certificate. <cert> = index displayed by "show authority" command. show Displays Authority Certificate Information. 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 Clear counters Zeros all tunnel counters</cert></cert></cert></cert></text>	security authentication and privacy	Authentication and Privacy for traps.
show show history Shows the current configuration.	security authentication but no privacy	Authentication, No Privacy for traps.
show history Displays the last 20 commands entered during the current CLI session. 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. Clears the screen. exit Exits to the ssl level. no intermediate authority <cert> Removes an Intermediate Authority Certificate. <cert> = index displayed by "show authority" command. no trusted authority <cert> Removes a Trusted Authority Certificate. <cert> = index 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 Clear counters Zeros all tunnel counters</cert></cert></cert></cert>	security no authentication and no priv	No Authentication, No Privacy for traps.
CLI session.	show	Shows the current configuration.
version snmpv1 version snmpv2c version snmpv3	show history	Displays the last 20 commands entered during the current CLI session.
version snmpv2c 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> Removes an Intermediate Authority Certificate. <cert> = index displayed by "show authority" command. no trusted authority <cert> Removes a Trusted Authority Certificate. <cert> = index displayed by "show authority" command. show Displays Authority Certificate Information. blow bistory 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 clear counters Zeros all tunnel counters</cert></cert></cert></cert>	username <text></text>	Sets SNMPv3 username for traps.
version snmpv3 write Stores the current configuration in permanent memory. trusted authorities (ssl-auth) level commands add Adds an Authority Certificate. Clears the screen. exit Exits to the ssl level. no intermediate authority <cert> Removes an Intermediate Authority Certificate. <cert> = index 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 Clear counters Zeros all tunnel counters</cert></cert>	version snmpv1	Uses SNMPv1 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> Removes an Intermediate Authority Certificate. <cert> = index displayed by "show authority" command. no trusted authority <cert> Removes a Trusted Authority Certificate. <cert> = index 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</cert></cert></cert></cert>	version snmpv2c	Uses SNMPv2c for traps.
add Adds an Authority Certificate. clrscrn Clears the screen. exit Exits to the ssl level. no intermediate authority <cert> Removes an Intermediate Authority Certificate. <cert> = index displayed by "show authority" command. no trusted authority <cert> Removes a Trusted Authority Certificate. <cert> = index 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</cert></cert></cert></cert>	version snmpv3	Uses SNMPv3 for traps.
add Adds an Authority Certificate. clrscrn Clears the screen. exit Exits to the ssl level. no intermediate authority <cert> Removes an Intermediate Authority Certificate. <cert> = index displayed by "show authority" command. no trusted authority <cert> Removes a Trusted Authority Certificate. <cert> = index 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</cert></cert></cert></cert>	write	Stores the current configuration in permanent memory.
clrscrn exit Exits to the ssl level. no intermediate authority <cert> Removes an Intermediate Authority Certificate. <cert> = index displayed by "show authority" command. no trusted authority <cert> Removes a Trusted Authority Certificate. <cert> = index displayed by "show authority" command. show Displays Authority Certificate Information. 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 clear counters Zeros all tunnel counters</cert></cert></cert></cert>	trusted authorities (ssl-auth) level commands	
exit Exits to the ssl level. Removes an Intermediate Authority Certificate. <cert> = index displayed by "show authority" command. Removes a Trusted Authority Certificate. <cert> = index displayed by "show authority" command. Removes a Trusted Authority Certificate. <cert> = index displayed by "show authority" command. Show Displays Authority Certificate Information. 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. show connection statistics Clear counters Zeros all tunnel counters</cert></cert></cert>	add	Adds an Authority Certificate.
no intermediate authority <cert> Removes an Intermediate Authority Certificate. <cert> = index displayed by "show authority" command. Removes a Trusted Authority Certificate. <cert> = index 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. show connection statistics Clear counters Zeros all tunnel counters</cert></cert></cert>	clrscrn	Clears the screen.
index displayed by "show authority" command. Removes a Trusted Authority Certificate. <cert> = index 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</cert>	exit	Exits to the ssl level.
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	no intermediate authority <cert></cert>	
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	no trusted authority <cert></cert>	
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	show	Displays Authority Certificate Information.
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	show history	Displays the last 20 commands entered during the current CLI session.
accept Enters the accept level for this tunnel. auto show statistics show connection statistics clear counters Zeros all tunnel counters	write	Stores the current configuration in permanent memory.
auto show statistics show connection statistics clear counters Zeros all tunnel counters	tunnel 1 (tunnel:1) level commands	
clear counters Zeros all tunnel counters	accept	Enters the accept level for this tunnel.
	auto show statistics	show connection statistics
clrscrn Clears the screen.	clear counters	Zeros all tunnel counters
	clrscrn	Clears the screen.

	Entare the compact level for this turnel
connect	Enters the connect level for this tunnel.
disconnect	Enters the disconnect level for this tunnel.
exit	Exits to the enable level.
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.
usb	Enters the usb level. line> = number of the line (usb 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>	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.
usb <line></line>	Enters the usb level. line> = number of the line (usb port) to be configured.
write	Stores the current configuration in permanent memory.
tunnel 3 (tunnel:3) 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	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	Enters the tunnel level. line> = number of the tunnel line (serial port) to be configured.
usb	Enters the usb level. line> = number of the line (usb port) to be configured.
write	Stores the current configuration in permanent memory.
unreachable host detection (config-vpn-unreachable_	host dataction:1) level commands
amountable host detection (coming-vpin-dimeachable_	ilost_detection. i) level collinalids
cirscrn	Clears the screen.
clrscrn	Clears the screen.
clrscrn default max tries	Clears the screen. Restores the default connecion error threshold.
clrscrn default max tries default ping interval	Clears the screen. Restores the default connecion error threshold. Restores the default ping interval.
clrscrn default max tries default ping interval exit	Clears the screen. Restores the default connecion error threshold. Restores the default ping interval. Exits to the next higher level.
clrscrn default max tries default ping interval exit host <text></text>	Clears the screen. Restores the default connecion error threshold. Restores the default ping interval. Exits to the next higher level. Sets the host name. <text> = host name to Ping. Sets the connection error threshold. If <pings> attempts go unanswered, the device will restart the VPN connec-</pings></text>
clrscrn default max tries default ping interval exit host <text> max tries <number></number></text>	Clears the screen. Restores the default connecion error threshold. Restores the default ping interval. Exits to the next higher level. Sets the host name. <text> = host name to Ping. Sets the connection error threshold. If <pings> attempts go unanswered, the device will restart the VPN connection.</pings></text>
clrscrn default max tries default ping interval exit host <text> max tries <number> no host</number></text>	Clears the screen. Restores the default connecion error threshold. Restores the default ping interval. Exits to the next higher level. Sets the host name. <text> = host name to Ping. Sets the connection error threshold. If <pings> attempts go unanswered, the device will restart the VPN connection. Clears the host name.</pings></text>
clrscrn default max tries default ping interval exit host <text> max tries <number> no host ping interval <minutes></minutes></number></text>	Clears the screen. Restores the default connecion error threshold. Restores the default ping interval. Exits to the next higher level. Sets the host name. <text> = host name to Ping. Sets the connection error threshold. If <pings> attempts go unanswered, the device will restart the VPN connection. Clears the host name. Sets the ping interval.</pings></text>
clrscrn default max tries default ping interval exit host <text> max tries <number> no host ping interval <minutes> show</minutes></number></text>	Clears the screen. Restores the default connecion error threshold. Restores the default ping interval. Exits to the next higher level. Sets the host name. <text> = host name to Ping. Sets the connection error threshold. If <pings> attempts go unanswered, the device will restart the VPN connection. Clears the host name. Sets the ping interval. Shows the current configuration. Displays the last 20 commands entered during the current</pings></text>
clrscrn default max tries default ping interval exit host <text> max tries <number> no host ping interval <minutes> show show history</minutes></number></text>	Clears the screen. Restores the default connecion error threshold. Restores the default ping interval. Exits to the next higher level. Sets the host name. <text> = host name to Ping. Sets the connection error threshold. If <pings> attempts go unanswered, the device will restart the VPN connection. Clears the host name. Sets the ping interval. Shows the current configuration. Displays the last 20 commands entered during the current CLI session.</pings></text>
clrscrn default max tries default ping interval exit host <text> max tries <number> no host ping interval <minutes> show show history write</minutes></number></text>	Clears the screen. Restores the default connecion error threshold. Restores the default ping interval. Exits to the next higher level. Sets the host name. <text> = host name to Ping. Sets the connection error threshold. If <pings> attempts go unanswered, the device will restart the VPN connection. Clears the host name. Sets the ping interval. Shows the current configuration. Displays the last 20 commands entered during the current CLI session.</pings></text>
clrscrn default max tries default ping interval exit host <text> max tries <number> no host ping interval <minutes> show show history write usb 1 (usb-line:1) level commands</minutes></number></text>	Clears the screen. Restores the default connecion error threshold. Restores the default ping interval. Exits to the next higher level. Sets the host name. <text> = host name to Ping. Sets the connection error threshold. If <pings> attempts go unanswered, the device will restart the VPN connection. Clears the host name. Sets the ping interval. Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory.</pings></text>
clrscrn default max tries default ping interval exit host <text> max tries <number> no host ping interval <minutes> show show history write usb 1 (usb-line:1) level commands auto show statistics</minutes></number></text>	Clears the screen. Restores the default connecion error threshold. Restores the default ping interval. Exits to the next higher level. Sets the host name. <text> = host name to Ping. Sets the connection error threshold. If <pings> attempts go unanswered, the device will restart the VPN connection. Clears the host name. Sets the ping interval. Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory. Continuously displays line statistics.</pings></text>
clrscrn default max tries default ping interval exit host <text> max tries <number> no host ping interval <minutes> show show history write usb 1 (usb-line:1) level commands auto show statistics clear line counters</minutes></number></text>	Clears the screen. Restores the default connecion error threshold. Restores the default ping interval. Exits to the next higher level. Sets the host name. <text> = host name to Ping. Sets the connection error threshold. If <pings> attempts go unanswered, the device will restart the VPN connection. Clears the host name. Sets the ping interval. Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory. Continuously displays line statistics. Sets the serial counters to zero.</pings></text>
clrscrn default max tries default ping interval exit host <text> max tries <number> no host ping interval <minutes> show show history write usb 1 (usb-line:1) level commands auto show statistics clear line counters clrscrn</minutes></number></text>	Clears the screen. Restores the default connecion error threshold. Restores the default ping interval. Exits to the next higher level. Sets the host name. <text> = host name to Ping. Sets the connection error threshold. If <pings> attempts go unanswered, the device will restart the VPN connection. Clears the host name. Sets the ping interval. Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory. Continuously displays line statistics. Sets the serial counters to zero. Clears the screen.</pings></text>
clrscrn default max tries default ping interval exit host <text> max tries <number> no host ping interval <minutes> show show history write usb 1 (usb-line:1) level commands auto show statistics clear line counters clrscrn command mode always</minutes></number></text>	Clears the screen. Restores the default connecion error threshold. Restores the default ping interval. Exits to the next higher level. Sets the host name. <text> = host name to Ping. Sets the connection error threshold. If <pings> attempts go unanswered, the device will restart the VPN connection. Clears the host name. Sets the ping interval. Shows the current configuration. Displays the last 20 commands entered during the current CLI session. Stores the current configuration in permanent memory. Continuously displays line statistics. Sets the serial counters to zero. Clears the screen. Sets the current line to always be in command mode. Disables user-defined serial boot string to be echoed in</pings></text>

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>
default line mode	Restores the default usb line mode.
default threshold	Restores the factory default threshold.
exit	Exits to the enable level
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 usb-cdc-acm	Sets the usb line interface to USB-CDC-ACM.
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.
line mode ethernet device	Sets the usb line to ethernet device mode.
line mode host	Sets the usb line to host mode.
line mode serial device	Sets the usb line to serial device mode.
name <text></text>	Sets the name for this usb 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 usb line speed.
no name	Removes the name of this usb line.
protocol none	Uses no protocol on the usb line.
protocol tunnel	Applies Modbus RTU protocol on the usb line.
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 statistics	Shows the line statistics.
show usb line	Displays the current configuration.
state disable	Disables the usb line so data cannot be sent/received.
state enable	Enables the usb line so data can be sent/received.
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.
threshold bytes>	Sets the threshold in bytes. After this many bytes are received, they are forwarded without delay.

tunnel <line></line>	Enters the tunnel level. line> = number of the tunnel line (serial port) to be configured.
usb <line></line>	Enters the usb level. line> = number of the line (usb port) to be configured.
write	Stores the current configuration in permanent memory.
usb0 link state change (config-action:usb0 link state c	
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.
http post	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.
user management (config-user-management) level con	nmands
admin password <text></text>	Sets the CLI login password.
clrscrn	Clears the screen.
default admin password	Restores the default CLI login password.
exit	Exits to the configuration 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.
virtual ip 1 (config-virtual-interface:1) level commands	
clrscrn	Clears the screen.
exit	Exits to the config-gateway level.
ip address <text></text>	Sets the Virtual IP address.
lan ip address <text></text>	Sets the LAN IP address.
name <text></text>	Sets the name. <text> = name.</text>
no ip address	Clears the Virtual IP address.
no lan ip address	Clears the LAN IP address.
no name	Clears the name.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
state disable	Disables Virtual IP instance.
state enable	Enables Virtual IP instance.
write	Stores the current configuration in permanent memory.
virtual ip 2 (config-virtual-interface:2) level commands	
clrscrn	Clears the screen.

exit	Exits to the config-gateway level.
ip address <text></text>	Sets the Virtual IP address.
lan ip address <text></text>	Sets the LAN IP address.
name <text></text>	Sets the name. <text> = name.</text>
no ip address	Clears the Virtual IP address.
no lan ip address	Clears the LAN IP address.
no name	Clears the name.
show	
	Displays the last 20 commands entered during the current
show history	Displays the last 20 commands entered during the current CLI session.
state disable	Disables Virtual IP instance.
state enable	Enables Virtual IP instance.
write	Stores the current configuration in permanent memory.
virtual ip 3 (config-virtual-interface:3) level commands	
clrscrn	Clears the screen.
exit	Exits to the config-gateway level.
ip address <text></text>	Sets the Virtual IP address.
lan ip address <text></text>	Sets the LAN IP address.
name <text></text>	Sets the name. <text> = name.</text>
no ip address	Clears the Virtual IP address.
no lan ip address	Clears the LAN IP address.
no name	Clears the name.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
state disable	Disables Virtual IP instance.
state enable	Enables Virtual IP instance.
write	Stores the current configuration in permanent memory.
vpn 1 (config-vpn:1) level commands	
aggressive mode disable	Disables aggressive mode.
aggressive mode enable	Enables aggressive mode.
authentication mode psk	Sets the authentication mode to PSK.
authentication mode rsa	Sets the authentication mode to RSA.
authentication mode xauth	Sets the authentication mode to XAUTH.
clrscrn	Clears the screen.
connection name <text></text>	Sets the name. <text> = name.</text>
connection type host to host	Sets the connection type to Host to Host.
connection type host to subnet	Sets the connection type to Host to Subnet.
create new local rsa key	Create new Local RSA key
default authentication mode	Restores the default authentication mode.
default connection type	Restores the default connection type.
default esp authentication	Restores the default ESP authentication.
default esp dh group	Restores the default ESP DH Group.
default esp encryption	Restores the default ESP encryption.
default ike authentication	Restores the default IKE authentication.
uciault ike authentication	INCOLOTES LITE UETAULL TINE AULITETILICALIUTI.

default ike dh group	Restores the default IKE DH Group.
default ike encryption	Restores the default IKE encryption.
default ike life time	Restores the default IKE lifetime.
default interface	Restores the default interface.
default local key length	Restores the default linerace. Restores the default local RSA key length.
default remote peer type	Restores the default remote peer type.
default sa life time	Restores the default SA lifetime.
default type	Restores the default transport type.
esp authentication any	Sets ESP authentication to any.
esp authentication md5	Sets ESP authentication to MD5.
esp authentication sha1	Sets ESP authentication to SHA1.
esp dh group any	Sets ESP DH Group to any.
esp dh group dh2	Sets ESP DH Group to DH2.
esp dh group dh5	Sets ESP DH Group to DH5.
esp encryption 3des	Sets ESP encryption to 3DES.
esp encryption aes128	Sets ESP encryption to AES-128.
esp encryption aes256	Sets ESP encryption to AES-256.
esp encryption any	Sets ESP encryption to any.
exit	Exits to the config level.
ike authentication any	Sets IKE authentication to any.
ike authentication md5	Sets IKE authentication to MD5.
ike authentication sha1	Sets IKE authentication to SHA1.
ike dh group any	Sets IKE DH Group to any.
ike dh group dh2	Sets IKE DH Group to DH2.
ike dh group dh5	Sets IKE DH Group to DH5.
ike encryption 3des	Sets IKE encryption to 3DES.
ike encryption aes128	Sets IKE encryption to AES-128.
ike encryption aes256	Sets IKE encryption to AES-256.
ike encryption any	Sets IKE encryption to any.
ike life time <hours></hours>	Sets the IKE lifetime.
interface <text></text>	Sets the interface. <text> = interface.</text>
local id <text></text>	Sets the local id. <text> = local id.</text>
local key length bits>	Sets the local RSA key length.
local next hop <text></text>	Sets the local next hop. <text> = local next hop.</text>
local subnet <text></text>	Sets the local subnet. <text> = local subnet.</text>
mode configuration disable	Disables mode configuration.
mode configuration enable	Enables mode configuration.
nat traversal disable	Disables NAT traversal.
nat traversal enable	Enables NAT traversal.
no connection name	Clears the name.
no local id	Clears the local id.
no local next hop	Clears the local next hop.
no local subnet	Clears the local subnet.
no password	Clears the password.
no psk	Clears the pre shared key.
P	

no remote endpoint	Clears the remote end point.
no remote id	Clears the remote id.
no remote key	Clears the remote key.
no remote next hop	Clears the remote next hop.
no remote rsa key	Clears the remote RSA key.
no remote subnet	Clears the remote subnets.
no username	Clears the username.
password <text></text>	Sets the password. <text> = password.</text>
perfect forward secrecy disable	Disables perfect forward secrecy (PFS).
perfect forward secrecy enable	Enables perfect forward secrecy (PFS).
psk <text></text>	Sets the pre shared key (PSK). <text> = pre shared key.</text>
remote endpoint <text></text>	Sets the remote end point. <text> = remote end point.</text>
remote id <text></text>	Sets the remote id. <text> = remote id.</text>
remote key <text></text>	Sets the remote key. <text> = remote key.</text>
remote next hop <text></text>	Sets the remote next hop. <text> = remote next hop.</text>
remote peer type cisco	Sets the remote peer type to cisco.
remote peer type ietf	Sets the remote peer type to ietf.
remote rsa key <text></text>	Sets the remote RSA key. <text> = remote RSA key.</text>
remote subnet <text></text>	Sets the remote subnets. <text> = remote subnets.</text>
sa life time <hours></hours>	Sets the SA lifetime.
show	Displays the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
show local rsa key	Show Local RSA key
show logs	Show logs
show status	Show VPN status
state disable	Disables VPN tunnel.
state enable	Enables VPN tunnel.
type transport	Sets the transport type to transport.
type tunnel	Sets the transport type to tunnel.
unreachable host detection	Enters the next lower level.
username <text></text>	Sets the username. <text> = username.</text>
vpn <instance></instance>	Change to vpn level.
write	Stores the current configuration in permanent memory.
wep (config-profile-security-wep:lantronix_default_adl	noc) level commands
apply wlan	Try out WLAN settings without saving them to Flash. If the settings do not work, when you reboot the device, it will still have the original settings.
authentication open	Sets the type of authentication to open.
authentication shared	Sets the type of authentication to shared.
clrscrn	Clears the screen.
default authentication	Restores the authentication type to the default value (open).
default key size	Restores the key size to the default value (40 bits).
default tx key index	Restores the tx key index to the default value (1).
exit	Exits to the next higher level.

key <instance></instance>	Enters the next lower level. Specify the instance for the next lower level.
key size 104	Sets the key size to 104 bits.
key size 40	Sets the key size to 40 bits.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
tx key index 1	Selects key 1 for transmission encryption.
tx key index 2	Selects key 2 for transmission encryption.
tx key index 3	Selects key 3 for transmission encryption.
tx key index 4	Selects key 4 for transmission encryption.
write	Stores the current configuration in permanent memory.
wlan profiles (config-profiles) level commands	
apply wlan	Try out WLAN settings without saving them to Flash. If the settings do not work, when you reboot the device, it will still have the original settings.
clrscrn	Clears the screen.
create <profile name=""></profile>	Create a new profile name
delete <profile name=""></profile>	Delete existing profile by name
edit <profile name=""></profile>	View or edit an existing profile
exit	Exits to the config level.
show	Show existing profile names
show history	Displays the last 20 commands entered during the current
I .	CLI session.
write	Stores the current configuration in permanent memory.
write wlan0 link state change (config-action:wlan0 link state	Stores the current configuration in permanent memory.
	Stores the current configuration in permanent memory.
wlan0 link state change (config-action:wlan0 link state	Stores the current configuration in permanent memory. change) level commands
wlan0 link state change (config-action:wlan0 link state clrscrn	Stores the current configuration in permanent memory. change) level commands Clears the screen.
wlan0 link state change (config-action:wlan0 link state clrscrn default delay	Stores the current configuration in permanent memory. e change) level commands Clears the screen. Resets alarm processing delay to its default value. Sets the delay in processing the alarm. Alarm actions will
wlan0 link state change (config-action:wlan0 link state clrscrn default delay delay <seconds></seconds>	Stores the current configuration in permanent memory. change) level commands Clears the screen. Resets alarm processing delay to its default value. Sets the delay in processing the alarm. Alarm actions will not be executed if the cause is corrected within this time.
wlan0 link state change (config-action:wlan0 link state clrscrn default delay delay <seconds></seconds>	Stores the current configuration in permanent memory. change) level commands Clears the screen. Resets alarm processing delay to its default value. Sets the delay in processing the alarm. Alarm actions will not be executed if the cause is corrected within this time. Enters the next lower level.
wlan0 link state change (config-action:wlan0 link state clrscrn default delay delay <seconds> email exit</seconds>	Stores the current configuration in permanent memory. change) level commands Clears the screen. Resets alarm processing delay to its default value. Sets the delay in processing the alarm. Alarm actions will not be executed if the cause is corrected within this time. Enters the next lower level. Exits to the config alarm level.
wlan0 link state change (config-action:wlan0 link state clrscrn default delay delay <seconds> email exit ftp put</seconds>	Stores the current configuration in permanent memory. change) level commands Clears the screen. Resets alarm processing delay to its default value. Sets the delay in processing the alarm. Alarm actions will not be executed if the cause is corrected within this time. Enters the next lower level. Exits to the config alarm level. Enters the next lower level.
wlan0 link state change (config-action:wlan0 link state clrscrn default delay delay <seconds> email exit ftp put http post</seconds>	Stores the current configuration in permanent memory. change) level commands Clears the screen. Resets alarm processing delay to its default value. Sets the delay in processing the alarm. Alarm actions will not be executed if the cause is corrected within this time. Enters the next lower level. Exits to the config alarm level. Enters the next lower level. Enters the next lower level.
wlan0 link state change (config-action:wlan0 link state clrscrn default delay delay <seconds> email exit ftp put http post show</seconds>	Stores the current configuration in permanent memory. change) level commands Clears the screen. Resets alarm processing delay to its default value. Sets the delay in processing the alarm. Alarm actions will not be executed if the cause is corrected within this time. Enters the next lower level. Exits to the config alarm level. Enters the next lower level. Enters the next lower level. Displays the current configuration. Displays the last 20 commands entered during the current
wlan0 link state change (config-action:wlan0 link state clrscrn default delay delay <seconds> email exit ftp put http post show show history</seconds>	Stores the current configuration in permanent memory. change) level commands Clears the screen. Resets alarm processing delay to its default value. Sets the delay in processing the alarm. Alarm actions will not be executed if the cause is corrected within this time. Enters the next lower level. Exits to the config alarm level. Enters the next lower level. Enters the next lower level. Displays the current configuration. Displays the last 20 commands entered during the current CLI session.
wlan0 link state change (config-action:wlan0 link state clrscrn default delay delay <seconds> email exit ftp put http post show show history show status</seconds>	Stores the current configuration in permanent memory. change) level commands Clears the screen. Resets alarm processing delay to its default value. Sets the delay in processing the alarm. Alarm actions will not be executed if the cause is corrected within this time. Enters the next lower level. Exits to the config alarm level. Enters the next lower level. Enters the next lower level. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Displays statistics.
wlan0 link state change (config-action:wlan0 link state clrscrn default delay delay <seconds> email exit ftp put http post show show history show status snmp trap</seconds>	Stores the current configuration in permanent memory. change) level commands Clears the screen. Resets alarm processing delay to its default value. Sets the delay in processing the alarm. Alarm actions will not be executed if the cause is corrected within this time. Enters the next lower level. Exits to the config alarm level. Enters the next lower level. Enters the next lower level. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Displays statistics. Enters the next lower level. Stores the current configuration in permanent memory.
wlan0 link state change (config-action:wlan0 link state clrscrn default delay delay <seconds> email exit ftp put http post show show history show status snmp trap write</seconds>	Stores the current configuration in permanent memory. change) level commands Clears the screen. Resets alarm processing delay to its default value. Sets the delay in processing the alarm. Alarm actions will not be executed if the cause is corrected within this time. Enters the next lower level. Exits to the config alarm level. Enters the next lower level. Enters the next lower level. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Displays statistics. Enters the next lower level. Stores the current configuration in permanent memory.
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wlan0 link state change (config-action:wlan0 link state clrscrn default delay delay <seconds> email exit ftp put http post show show history show status snmp trap write wpax (config-profile-security-wpax:lantronix_default_apply wlan</seconds>	Stores the current configuration in permanent memory. change) level commands Clears the screen. Resets alarm processing delay to its default value. Sets the delay in processing the alarm. Alarm actions will not be executed if the cause is corrected within this time. Enters the next lower level. Exits to the config alarm level. Enters the next lower level. Enters the next lower level. Displays the current configuration. Displays the last 20 commands entered during the current CLI session. Displays statistics. Enters the next lower level. Stores the current configuration in permanent memory. adhoc) level commands Try out WLAN settings without saving them to Flash. If the settings do not work, when you reboot the device, it will still have the original settings.

default authentication Restores the authentication method to the default value (PSK). Restores the eap-tits protocol options to the default (EAP-MSCHAP V2). default fast option Restores the FAST authentication protocol option to the default (MD5). default fast provisioning Restores the FAST provisioning to the default (Authenticated). Restores the FAST provisioning to the default (Authenticated). Restores the PEAP authentication protocol options to the default pap option Restores the PEAP authentication protocol options to the default pmf Restores PMF to the default value (Disabled). Restores PMF to the default value (Disabled). Sets the EAP-TTLS authentication protocol option to CHAP. Restores PMF to the default value (Disabled). Sets the EAP-TTLS authentication protocol option to EAP-MD5. eap-titls option eap-md5 Sets the EAP-TTLS authentication protocol option to EAP-MD5. eap-titls option eap-mschapv2 Sets the EAP-TTLS authentication protocol option to EAP-MD5. sets the EAP-TTLS authentication protocol option to MSCHAP V2. eap-titls option mschapv2 Sets the EAP-TTLS authentication protocol option to MSCHAP V2. eap-titls option mschapv2 Sets the EAP-TTLS authentication protocol option to MSCHAP V2. eap-titls option pap Sets the EAP-TTLS authentication protocol option to MSCHAP V2. eap-titls option pap Sets the EAP-TTLS authentication protocol option to MSCHAP V2. eap-titls option pap Sets the EAP-TTLS authentication protocol option to MSCHAP V2. eap-titls option pap Sets the EAP-TTLS authentication protocol option to MSCHAP V2. sets the EAP-TTLS authentication protocol option to MSCHAP V2. eap-titls option pap Sets the EAP-TTLS authentication protocol option to MSCHAP V2. sets the EAP-TTLS authentication protocol option to MSCHAP V2. sets the EAP-TTLS authentication protocol option to MSCHAP V2. sets the EAP-TTLS authentication protocol option to MSCHAP V2. sets the FAST authentication protocol option to MD5. sets the FAST provisioning option to Dathenticated. sets the	credentials <text></text>	Selects the RSA certificate by configured name.
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## MD5. ## Sets the EAP-TTLS authentication protocol option to EAP-MSCHAP V2. ## EAP-TTLS authentication protocol option to EAP-MSCHAP V2. ## EAP-TTLS authentication protocol option to MSCHAP. ## EAP-TTLS authentication protocol option to MSCHAP V2. ## EAP-TTLS authentication protocol option to MSCHAP V2. ## Eap-ttls option pap ## Sets the EAP-TTLS authentication protocol option to PAP. ## Exits to the next higher level. ## Exits to the next higher level. ## Exits to the next higher level. ## Exits option md5 ## Exits to the next higher level. ## Exits option md5 ## Sets the FAST authentication protocol option to MD5. ## Exits option md5 ## Exits to the next higher level. ## Exits option md5 ## Exits to the next higher level. ## Exits option md5 ## Exits to the next higher level. ## Exits	eap-ttls option chap	
mSCHAP V2. eap-ttls option mschap Sets the EAP-TTLS authentication protocol option to MSCHAP. eap-ttls option mschapv2 Sets the EAP-TTLS authentication protocol option to MSCHAP V2. eap-ttls option pap Sets the EAP-TTLS authentication protocol option to PAP. exit Exits to the next higher level. Exits to the next higher level. Sets the FAST authentication protocol option to GTC. fast option md5 Sets the FAST authentication protocol option to MD5. Sets the FAST authentication protocol option to MD5. fast option mschapv2 Sets the FAST authentication protocol option to MD5. Sets the FAST authentication protocol option to MD5. Sets the FAST provisioning option to Authenticated. Sets the FAST provisioning option to Authenticated. Sets the FAST provisioning option to Both. Sets the FAST provisioning option to Unauthenticated. Sets the FAST provisioning option to Unauthenticated. Sets the FAST provisioning option to Unauthenticated. Sets the IEEE 802.1x protocol to EAP-TLS. See8 802.1x eap-ttls Sets the IEEE 802.1x protocol to EAP-TTLS. see8 802.1x leap Sets the IEEE 802.1x protocol to FAST. Sets the IEEE 802.1x protocol to FAST. Sets the IEEE 802.1x protocol to PEAP. Sets the IEEE 802.1x protocol to PEAP. Sets the IEEE 802.1x protocol to PEAP. Sets WPAX key. 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" 12.3a bC "12.3a bC "12.3a bC" 12.3a bC "12.3a bC "12.3a bC "12.3a bC" 12.3a bC "12.3a bC	eap-ttls option eap-md5	
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fast provisioning authenticated Sets the FAST provisioning option to Authenticated. Sets the FAST provisioning option to Both. Sets the FAST provisioning option to Both. Sets the FAST provisioning option to Unauthenticated. ieee 802.1x eap-tls Sets the IEEE 802.1x protocol to EAP-TLS. ieee 802.1x eap-tls Sets the IEEE 802.1x protocol to EAP-TLS. ieee 802.1x fast Sets the IEEE 802.1x protocol to FAST. ieee 802.1x leap Sets the IEEE 802.1x protocol to FAST. ieee 802.1x peap Sets the IEEE 802.1x protocol to LEAP. ieee 802.1x peap Sets the IEEE 802.1x protocol to PEAP. inner credentials <text> Sets the IEEE 802.1x protocol to PEAP. Selects the RSA certificate by configured name. key <hexadecimal> Sets WPAx key. 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 Note that quotes must enclose the value if it contains spaces. key text <text> Sets WPAx key. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. Clears the RSA certificate name. Clears the RSA certificate name.</text></hexadecimal></text>	fast option md5	Sets the FAST authentication protocol option to MD5.
fast provisioning both fast provisioning unauthenticated Sets the FAST provisioning option to Both. Sets the FAST provisioning option to Unauthenticated. Sets the FAST provisioning option to Unauthenticated. Sets the IEEE 802.1x protocol to EAP-TLS. Sets the IEEE 802.1x protocol to EAP-TLS. Sets the IEEE 802.1x protocol to FAST. Sets the IEEE 802.1x protocol to FAST. Sets the IEEE 802.1x protocol to LEAP. Sets the IEEE 802.1x protocol to LEAP. Sets the IEEE 802.1x protocol to PEAP. Sets the IEEE 802.1x protocol to PEAP. Sets the IEEE 802.1x protocol to PEAP. Sets the RSA certificate by configured name. Sets WPAx key. 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. Key text <text> Sets WPAx key. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. Clears the RSA certificate name. Clears the RSA certificate name.</text>	fast option mschapv2	
fast provisioning unauthenticated Sets the FAST provisioning option to Unauthenticated. Sets the IEEE 802.1x protocol to EAP-TLS. See 802.1x eap-ttls Sets the IEEE 802.1x protocol to EAP-TLS. See 802.1x fast Sets the IEEE 802.1x protocol to FAST. See 802.1x leap Sets the IEEE 802.1x protocol to LEAP. Sets the IEEE 802.1x protocol to LEAP. See 802.1x peap Sets the IEEE 802.1x protocol to PEAP. Sets the IEEE 802.1x protocol to PEAP. Sets the IEEE 802.1x protocol to PEAP. Selects the RSA certificate by configured name. Key <hexadecimal> Sets WPAx key. 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. Key text <text> Sets WPAx key. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. Clears the RSA certificate name. Clears the RSA certificate name.</text></hexadecimal>	fast provisioning authenticated	Sets the FAST provisioning option to Authenticated.
ieee 802.1x eap-tls ieee 802.1x eap-tls Sets the IEEE 802.1x protocol to EAP-TLS. ieee 802.1x fast Sets the IEEE 802.1x protocol to EAP-TLS. ieee 802.1x fast Sets the IEEE 802.1x protocol to FAST. ieee 802.1x leap Sets the IEEE 802.1x protocol to LEAP. ieee 802.1x peap Sets the IEEE 802.1x protocol to PEAP. inner credentials <text> Selects the RSA certificate by configured name. key <hexadecimal> Sets WPAx key. 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. key text <text> Sets WPAx key. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. Clears the RSA certificate name. Clears the RSA certificate name.</text></hexadecimal></text>	fast provisioning both	Sets the FAST provisioning option to Both.
ieee 802.1x eap-ttls ieee 802.1x fast Sets the IEEE 802.1x protocol to FAST. ieee 802.1x leap Sets the IEEE 802.1x protocol to FAST. ieee 802.1x protocol to LEAP. ieee 802.1x peap Sets the IEEE 802.1x protocol to LEAP. inner credentials <text> Sets the IEEE 802.1x protocol to PEAP. Selects the RSA certificate by configured name. Key <hexadecimal> Sets WPAx key. 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. Key text <text> Sets WPAx key. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. Clears the RSA certificate name. Clears the RSA certificate name.</text></hexadecimal></text>	fast provisioning unauthenticated	Sets the FAST provisioning option to Unauthenticated.
ieee 802.1x fast ieee 802.1x leap Sets the IEEE 802.1x protocol to EAP. ieee 802.1x peap Sets the IEEE 802.1x protocol to PEAP. inner credentials <text> Selects the RSA certificate by configured name. key <hexadecimal> Sets WPAx key. 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. key text <text> Sets WPAx key. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. Clears the RSA certificate name. Clears the RSA certificate name. Clears the RSA certificate name.</text></hexadecimal></text>	ieee 802.1x eap-tls	Sets the IEEE 802.1x protocol to EAP-TLS.
ieee 802.1x leap Sets the IEEE 802.1x protocol to LEAP. ieee 802.1x peap Sets the IEEE 802.1x protocol to PEAP. inner credentials <text> Selects the RSA certificate by configured name. key <hexadecimal> Sets WPAx key. 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 12:3a.bc Note that quotes must enclose the value if it contains spaces. key text <text> Sets WPAx key. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. Clears the RSA certificate name. Clears the RSA certificate name.</text></hexadecimal></text>	ieee 802.1x eap-ttls	Sets the IEEE 802.1x protocol to EAP-TTLS.
ieee 802.1x peap Sets the IEEE 802.1x protocol to PEAP. Selects the RSA certificate by configured name. key <hexadecimal> Sets WPAx key. 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. key text <text> Sets WPAx key. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. Clears the RSA certificate name. Clears the RSA certificate name.</text></hexadecimal>	ieee 802.1x fast	Sets the IEEE 802.1x protocol to FAST.
inner credentials <text> Selects the RSA certificate by configured name. Key <hexadecimal> Sets WPAx key. 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. Key text <text> Sets WPAx key. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. To credentials Clears the RSA certificate name. Clears the RSA certificate name.</text></hexadecimal></text>	ieee 802.1x leap	Sets the IEEE 802.1x protocol to LEAP.
key <hexadecimal> Sets WPAx key. 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. key text <text> Sets WPAx key. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. no credentials Clears the RSA certificate name. Clears the RSA certificate name.</text></hexadecimal>	ieee 802.1x peap	Sets the IEEE 802.1x protocol to PEAP.
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. key text <text> Sets WPAx key. Each byte is represented by a single character. Note that quotes must enclose the value if it contains spaces. no credentials Clears the RSA certificate name. Clears the RSA certificate name.</text>	inner credentials <text></text>	Selects the RSA certificate by configured name.
character. Note that quotes must enclose the value if it contains spaces. no credentials Clears the RSA certificate name. Clears the RSA certificate name.	key <hexadecimal></hexadecimal>	optional punctuation: 123ABC "12 3A BC" 12,3A,BC 12.3a.bc 12:3a:bc Note that quotes must enclose the val-
no inner credentials Clears the RSA certificate name.	key text <text></text>	character. Note that quotes must enclose the value if it
	no credentials	Clears the RSA certificate name.
no key Removes WPAx key.	no inner credentials	Clears the RSA certificate name.
	no key	Removes WPAx key.

no password	Clears the password.
no username	Clears the user name.
password <text></text>	Sets the value for the password. <text> = put quotes around the characters (max 63).</text>
peap option eap-md5	Sets the PEAP authentication protocol option to EAP-MD5.
peap option eap-mschapv2	Sets the PEAP authentication protocol option to EAP-MSCHAP V2.
peap option eap-tls	Sets the PEAP authentication protocol option to EAP-TLS.
pmf disabled	Disables PMF.
pmf optional	Makes PMF optional.
pmf required	Makes PMF required.
show	Shows the current configuration.
show history	Displays the last 20 commands entered during the current CLI session.
username <text></text>	Sets the value of the username. <text> = value in characters (max 63).</text>
validate certificate disable	Server certificate will not be verified.
validate certificate enable	Server certificate will be verified.
write	Stores the current configuration in permanent memory.
xml (xml) level commands	
clrscrn	Clears the screen.
exit	Exits to the enable level.
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 <group list=""></group>	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