D-Link®
Building Networks for People

Wireless Controller CLI Reference Guide

DWC-2000

Ver. 1.0

Business Wireless Solution

CLI Reference Guide

DWC-2000 Wireless Controller ***Version 1.0***

Contents

1.0 Introduction

The command "**show Radius-Settings ?"** at the CLI prompt, gives a description of all the show commands in the branch Radius-Settings , these are as follows:

1	show Radius-Settings	Display radius configuration. A RADIUS server maintains a database of user accounts used in larger environments. If a RADIUS server already exists, it can be used for authenticating users that want to connect to the wireless network provided by this device. When multiple RADIUS servers are configured they are accessed in the same order as in the table. If first RADIUS server is not accessible, then system tries to contact the next RADIUS server. Configured Radius Servers This table displays the list of all configured RADIUS servers. If the optional argument ServerIP is specified, detailed configuration of the RADIUS server is displayed. Server IP: IP address of RADIUS authentication server Server Port: RADIUS authentication server port to send the RADIUS messages. Timeout: The time (in seconds) the device waits for a response from the RADIUS server Retries: The number of tries the router will make to the RADIUS server before giving up. Secret: RADIUS server secret. This field is only displayed if the argument ServerIP is specified.

The command "**show wlan ?"** at the CLI prompt, gives a description of all the show commands in the branch wlan , these are as follows:

1	show wlan ap_management	Display the parameters related to ap management.
2	show wlan ap_management channel_plan	Display the configured channel plan parameters.
3	show wlan ap_management power_plan	Display the configured power plan parameters.
4	show wlan ap_management oui	Local OUI Database Entries.

5	show wlan ap_management discovery	Display AP and peer controllerdiscovery parameters.
6	show wlan ap_management channel_plan status <*radio*>	Display the configured channel plan parameters.
7	show wlan ap_management channel_plan history <*radio*>	Display the channel plan history.
8	show wlan ap_management channel_plan proposed <*radio*>	Display the proposed channel adjustments.
9	show wlan ap_management power_plan status	Display the configured power plan parameters.
10	show wlan ap_management power_plan proposed	Display the proposed power adjustments.
11	show wlan ap_management oui database	Display Local OUI Database.
12	show wlan ap_management discovery status	Display Discovery parameters.
13	show wlan ap_management discovery ip_list	Display IP Poll discovery list.
14	show wlan ap_management discovery vlan_list	Display VLAN ID discovery list.
15	show wlan ap_management oui status <*ouival*>	Display Local OUI Database for a ouival.
16	show wlan ap_conf	Display AP configuration and status.
17	show wlan ap_conf capability	Display AP hardware capability.
18	show wlan ap_conf macaddr	Display AP configuration and status for specific AP.
19	show wlan ap_conf database	Display AP configuration and status.
20	show wlan network	Display network

		configuration parameters.
21	show wlan ap_conf download	Display AP code download configuration and status.
22	show wlan network status	Display network configuration parameters.
23	show wlan network networkid <*id*>	Display network configuration parameters for specific network.
24	show wlan ap_conf failure_status	Display AP association and authentication failure status.
25	show wlan ap_conf image_availability	Display WS stored AP image information.
26	show wlan ap_conf profile	Display AP profile parameters.
27	show wlan ap_conf provisioning_status	Display AP Provisioning parameteres.
28	show wlan ap_conf radio_status	Display Radio configuration.
29	show wlan ap_conf rf-scan_status	Display WS managed APs RF Scan data.
30	show wlan ap_conf status	Display WS managed AP status parameters.
31	show wlan ap_conf capability status	Display AP hardware capability.
32	show wlan ap_conf capability image_table	Display AP image capability table.
33	show wlan ap_conf capability hardware<*hw_dwl8600*|*hw_dwl3600*|*hw_dwl6600*> <*radio*>	Display AP hardware capability for specific hardware.
34	show wlan ap_conf database status	Display AP configuration and status.

35	show wlan ap_conf database macaddr <*macaddr*>	Display AP configuration and status for specific AP.
36	show wlan ap_conf profile status	Display AP profile parameters.
37	show wlan ap_conf profile radio	Display AP profile radio parameters.
38	show wlan ap_conf profile radio status <*id*> <*radio*>	Display AP profile radio parameters.
39	show wlan ap_conf profile radio auto_eligible <*id*> <*radio*>	Display supported and enabled channels for AP profile radio parameters.
40	show wlan ap_conf profile radio mcs_indices <*id*> <*radio*>	Display supported MCS indices for the AP profile radio.
41	show wlan ap_conf profile radio qos <*id*> <*radio*>	Display QoS parameters for the AP profile radio.
42	show wlan ap_conf profile radio rates <*id*> <*radio*>	Display advertised and supported rates for AP profile.
43	show wlan ap_conf profile radio tspec <*id*> <*radio*>	Display TSPEC parameters for the AP profile radio.
44	show wlan ap_conf profile radio vap <*id*> <*radio*>	Display AP profile VAP parameters.
45	show wlan ap_conf profile profileid <*profileid*>	Display AP profile parameters for specific profile.
46	show wlan ap_conf macaddr dist_tunnel_statistics <*macaddr*>	Display L2 Distributed Tunnel statistics for AP.
47	show wlan ap_conf macaddr dist_tunnel_status <*macaddr*>	Display L2 Distributed Tunnel status for AP.
48	show wlan ap_conf macaddr failure_status <*macaddr*>	Display WS managed AP failure status parameters.
49	show wlan ap_conf macaddr	Display AP

	provisioning_status <*macaddr*>	Provisioning status parameters.
50	show wlan ap_conf macaddr radio_status <*macaddr*>	Display WS managed AP radio status parameters.
51	show wlan ap_conf macaddr rf_scan_rogue_classification<*macaddr*>	Display the WIDS AP rogue classification test results.
52	show wlan ap_conf macaddr rf_scan_status <*macaddr*>	Display RF Scan AP status parameters.
53	show wlan ap_conf macaddr rf_scan_triangulation <*macaddr*>	Display signal triangulation status.
54	show wlan ap_conf macaddr statistics <*macaddr*>	Display WS managed AP statistics.
55	show wlan ap_conf macaddr status <*macaddr*>	Display WS managed AP status parameters.
56	show wlan ap_conf macaddr tspec_statistics <*macaddr*>	Display WS managed AP TSPEC statistics.
57	show wlan ap_conf macaddr tspec_status <*macaddr*>	Display WS managed AP TSPEC status.
58	show wlan client	Display AP associated client configuration and status.
59	show wlan known_client	Display the wireless Known Client(s).
60	show wlan client adhoc	Display Ad Hoc network information.
61	show wlan client detected-client	Display detected client's information.
62	show wlan client rrm	Display Radio Resource Measurement (RRM) information.

63	show wlan client summary	Display associated client summary parameters.
64	show wlan client adhoc status	Display WS detected clients on an ad-hoc network.
65	show wlan client rrm status	Show associated client Radio Resource Measurement status parameters.
66	show wlan client status	Display associated client status parameters.
67	show wlan client detected-client preauth-history	Display detected client pre-auth history status.
68	show wlan client detected-client roam-history	Display detected client roam history status.
69	show wlan client detected-client status	Display detected client status parameters.
70	show wlan client macaddr	Show associated client MAC address for specific client.
71	show wlan client macaddr detected_client	Display associated detected clients information.
72	show wlan client macaddr adhoc <*macaddr*>	Display Ad Hoc network information.
73	show wlan client macaddr client-qos	Display associated client QoS information.
74	show wlan client macaddr client-qos radius <*macaddr*>	Display associated client QoS RADIUS configuration.
75	show wlan client macaddr client-qos status <*macaddr*>	Display associated client QoS status parameters.
76	show wlan client macaddr detected_client preauth-	Display detected

	history<*macaddr*>	client pre-auth history status.
77	show wlan client macaddr detected_client roam-history <*macaddr*>	Display detected client roam history status
78	show wlan client macaddr detected_client rogue-classification<*macaddr*>	Display the WIDS Client rogue classification test results.
79	show wlan client macaddr detected_client status <*macaddr*>	Display detected client status parameters.
80	show wlan client macaddr detected_client triangulation <*macaddr*>	Display detected client signal triangulation status.
81	show wlan client macaddr dist-tunnel <*macaddr*>	Display associated client L2 Distributed Tunnel information.
82	show wlan client macaddr neighbor_ap <*macaddr*>	Display status parameters of neighbor AP seen by client
83	show wlan client macaddr rrm <*macaddr*>	Display Radio Resource Measurement (RRM) information.
84	show wlan client macaddr statistics status <*macaddr*>	Display WS managed AP client statistics.
85	show wlan client macaddr statistics	Display WS managed AP client statistics.
86	show wlan client macaddr statistics association <*macaddr*>	Display client association statistics.
87	show wlan client macaddr statistics session <*macaddr*>	Display session statistics.
88	show wlan client macaddr status <*macaddr*>	Display associated client status parameters.
89	show wlan client macaddr tspec_statistics <*macaddr*>	Display WS managed AP

		client TSPEC statistics.
90	show wlan client macaddr tspec_status <*macaddr*>	Display associated client TSPEC status parameters.
91	show wlan peer_switch	Display status for peer wireless controllers and configuration push.
92	show wlan peer_switch configuration	Display status for configuration push.
93	show wlan peer_switch peer_controller	Display status for peer wireless controllers.
94	show wlan peer_switch peer_controller status	Display status for peer wireless controllers.
95	show wlan peer_switch peer_controller configuration_status	Display configuration for peer controller configuration push groups.
96	show wlan peer_switch peer_controller configure_status	Display status for peer controller configuration push.
97	show wlan peer_switch peer_controller ip	Display status for peer wireless controller for an IP.
98	show wlan peer_switch peer_controller ap_status	Display status for peer controller managed APs.
99	show wlan peer_switch peer_controller ip status <*ipaddr*>	Display status for peer controller .
100	show wlan peer_switch peer_controller ip ap_status <*ipaddr*>	Display status for peer controllermanaged APs.
101	show wlan peer_switch peer_controller ip configure_status <*ipaddr*>	Display status for peer controller configuration push.

102	show wlan peer_switch configuration receive_status	Display status for configuration received from a peer controller.
103	show wlan peer_switch configuration request_status	Display status for a peer controller configuration push request.
104	show wlan wids_security	Display the wireless WIDS security settings.
105	show wlan wids_security client	Display the WIDS Client security configuration.
106	show wlan wids_security ap	Display the WIDS AP security configuration.
107	show wlan wids_security de_authentication	Display the AP de-authentication attack status.
108	show wlan wids_security rogue_test_descriptions	Display the WIDS AP rogue classification test descriptions.
109	show wlan multicast	Display the valid multicast transmit rates.
110	show wlan multicast txrate <*radio*>	Display the valid multicast transmit rates.
111	show wlan rates <*radio*>	Display the valid rates.
112	show wlan ssid	Display client network association information.
113	show wlan ssid status <*ssid*>	Display AP associated client configuration and status.
114	show wlan ssid client_status	Display AP associated client configuration and status.
115	show wlan switch	Display controller

		status information.
116	show wlan switch ipaddr	Display controller status information for an IP address.
117	show wlan switch certificate_request_status	Display the controller certificate request information.
118	show wlan switch client_status	Display controller to associated client status parameters.
119	show wlan switch local	Display Local wireless controller status parameters.
120	show wlan switch local client_status	Display AP associated client configuration and status.
121	show wlan switch local statistics	Display wireless controller Statistics.
122	show wlan switch local status	Display wireless controller status parameters
123	show wlan switch local tspec_statistics	Display wireless controller TSPEC statistics
124	show wlan switch local tspec_status	Display wireless controller TSPEC status parameters.
125	show wlan switch ipaddr client_status <*ipaddr*>	Display AP associated client configuration and status.
126	show wlan switch ipaddr statistics <*ipaddr*>	Display wireless controller Statistics.
127	show wlan switch ipaddr status <*ipaddr*>	Display wireless controller status parameters.
128	show wlan switch ipaddr tspec_statistics <*ipaddr*>	Display wireless controller TSPEC statistics.
129	show wlan switch ipaddr tspec_status <*ipaddr*>	Display wireless

		controller TSPEC status parameters.
130	show wlan switch provision_status	Display the controller provisioning information.
131	show wlan rrm	Display radio resource measurement (RRM) controller data.
132	show wlan rrm channel_load	Display channel load information.
133	show wlan rrm neighbors	Display neighbor information.
134	show wlan rrm neighbors status	Display neighbor information.
135	show wlan rrm neighbors ap_status <*macaddr*>	Display RRM information for a managed AP.
136	show wlan rrm channel_load current_request	Show the current channel load request, if any.
137	show wlan rrm channel_load history_status	Display channel load report history information.
138	show wlan rrm channel_load history_detail	Display information for every known report.
139	show wlan rrm channel_load request_data	Show data to use for new channel load requests.
140	show wlan device_location	Display all device location parameters.
141	show wlan device_location status	Display all device location parameters.
142	show wlan device_location ap	Display all AP Triangulation Location Table parameteres.
143	show wlan device_location ap macaadr <*macaddr*>	Display all Triangulation

		Location Table parameters for an AP.
144	show wlan device_location ap triangulation	Display all Triangulation Location Table parameters.
145	show wlan device_location ap triangulation status_all	Display Triangulation Location status parameters for all device entries in the triangulation table database.
146	show wlan device_location ap triangulation status_located	Display Triangulation Location status parameters for located device entries in the triangulation table database.
147	show wlan device_location building	Display device location building parameters.
148	show wlan device_location building number <*1-8*>	Enter a valid Building number.
149	show wlan device_location building status	Display device location building parameters.
150	show wlan device_location building floor_ap_status	Display device location AP parameters.
151	show wlan device_location building floor_status	Display device location building floor parameters.
152	show wlan device_location client	Display all Triangulation Location Table parameters.
153	show wlan device_location client triangulation	Display all Triangulation Location Table parameters.
154	show wlan device_location client triangulation status_all	Display

		Triangulation Location status parameters for all device entries in the triangulation table database.
155	show wlan device_location client triangulation status_located	Display Triangulation Location status parameters for located device entries in the triangulation table database.
156	show wlan device_location client macaadr <*macaadr*>	Display all Triangulation Location Table parameters for specific MAC Address.
157	show wlan device_location floor_status	Display On-demand location search floor status.
158	show wlan device_location global_status	Display On-demand location search global status.
159	show wlan device_location floor_status building <*building*>	Building Number.
160	show wlan device_location floor_status building_floor <*building*><*floor*>	Floor number to search for the device.
161	show wlan device_location floor_status all	Display On-demand location search floor status.

The command "**show LDAP-Settings ?"** at the CLI prompt, gives a description of all the show commands in the branch LDAP-Settings , these are as follows:

1	show LDAP-Settings	Display LDAP configuration.

The command “**show POP3-Settings ?”** at the CLI prompt, gives a description of all the show commands in the branch POP3-Settings , these are as follows:

1	show POP3-Settings	Display POP3 configuration.

The command “**show POP3-Trusted-CA ?”** at the CLI prompt, gives a description of all the show commands in the branch POP3-Trusted-CA , these are as follows:

1	show POP3-Trusted-CA	Display POP3 Trusted Certificates.

The command “**show system ?”** at the CLI prompt, gives a description of all the show commands in the branch system , these are as follows:

1	show system logging	Display Logging Configuration.
2	show system logging remote	.
3	show system logging remote setup	Display remote logging configuration.
4	show system logging facility	.
5	show system logging facility setup <*facility*>	Display logging facility configuration.
6	show system logging ipv4	.
7	show system logging ipv4 setup	Display logging configuration.
8	show system logging ipv6	.
9	show system logging ipv6 setup	Display ipv6 logs configuration.
10	show system remote_management	Display Remote management configuration.
11	show system remote_management setup	Display remote management over https configuration.
12	show system snmp <*agentIP*>	Display SNMP configuration.
13	show system status	Display system status.
14	show system dashboard	Displays the resources being used in the system currently.
15	show system time	Display TimeZone Configuration.

16	show system time setup	Display Timezone and NTP configuration.
17	show system traffic_meter	Display traffic meter configuration.
18	show system traffic_meter setup	Display traffic meter configuration.
19	show system usb	Display USB Configuration.
20	show system users	System group display mode.
21	show system group	System user display mode.
22	show system group specific <*row_id*>	Display information for given group.
23	show system group all	Display all groups on system.
24	show system users all	Display all users on system.
25	show system users specific <*row_id*>	Display information for given user.
26	show system group groupaccesscontrol <*group_id*>	Displays Group Access Control configuration for the selected group.
27	show system group access_control_browser	Displays Access Control browsers list.
28	show system group access_control_ip	Displays Access Control ips list.
29	show system firmwareVersion	Display the firmware Version.

The command "**show pop3-serverCheck ?"** at the CLI prompt, gives a description of all the show commands in the branch pop3-serverCheck , these are as follows:

1	show pop3-serverCheck	Display status of Pop3 servers.

The command "**show Radius-serverCheck ?"** at the CLI prompt, gives a description of all the show commands in the branch Radius-serverCheck , these are as follows:

1	show Radius-serverCheck	Display status of Radius servers.

The command "**show security ?"** at the CLI prompt, gives a description of all the show commands in the branch security , these are as follows:

1	show security advanced_network	show advanced firewall attack checks.
2	show security advanced_network igmp	Display igmp configuration.

The command “**show ldap-serverCheck ?”** at the CLI prompt, gives a description of all the show commands in the branch ldap-serverCheck , these are as follows:

1	show ldap-serverCheck	Display status of Ldap servers.

The command “**show net ?”** at the CLI prompt, gives a description of all the show commands in the branch net , these are as follows:

1	show net bandwidth	.
2	show net bandwidth profile	.
3	show net bandwidth profile setup	Show list of Available Bandwidth Profile(s).
4	show net bandwidth traffic_selector	.
5	show net bandwidth traffic_selector setup	Show list of Available Traffic Selector(s).
6	show net lan dhcp	.
7	show net lan dhcp reserved_ip	.
8	show net lan dhcp reserved_ip setup	Show list of DHCP Reserved Addresses.
9	show net lan dhcp leased_clients	.
10	show net lan dhcp leased_clients list	Show list of Available DHCP Leased Clients.
11	show net ethernet	Show Ethernet interfaces.
12	show net lan	.
13	show net lan ipv4	.
14	show net lan ipv4 setup	Show LAN Configuration.
15	show net lan ipv6	.
16	show net lan ipv6 setup	Show LAN Configuration.
17	show net statistics <*interface*>	Show Interface Statistics.
18	show net mode	.
19	show net mode setup	Display IP MODE configuration.
20	show net port	.
21	show net port management	.
22	show net port management	Display port management

	setup	configuration.
23	show net radvd	.
24	show net radvd setup	Display RADVD configuration.
25	show net routing dynamic	Show dynamic routing setup.
26	show net routing dynamic setup	Show dynamic routing Setup.
27	show net routing	Displays routing setup.
28	show net routing static	.
29	show net routing static ipv4	.
30	show net routing static ipv4 setup	Show all the configured IPV4 routes.
31	show net routing static ipv6	.
32	show net routing static ipv6 setup	Show all the configured IPV6 routes.
33	show net captivePortal	
34	show net captivePortal billing_profile *<row_id>*	
35	show net captivePortal all_billing_profile	
36	show net vlan	
37	show net vlan configuration	
38	show net multivlan	show vlan server status.
39	show net multivlan subnet	show vlan server status.
40	show net multivlan subnet status	Display vlan server status.
41	show net port-vlan	show Port vlan status.
42	show net port-vlan status	Display Port vlan status.

The command "**wlan ?"** at the CLI prompt, gives a description of all the configuration commands in the branch wlan , these are as follows:

1	wlan ap_management	AP Management.
2	wlan ap_management manual	Request administrative commands/actions for managed access points.
3	wlan ap_management ap_database	Enter AP Database configuration mode.
4	wlan ap_management rf_management	Configure power plan and channel

		plan related parameters.
5	wlan ap_management poll_list	Configure IP address to poll,VLAN ID for L2 discovery or specific discovery method.
6	wlan ap_management poll_list discovery	Configure specific discovery method.
7	wlan ap_management oui_database	Configure Local OUI Database.
8	wlan ap_management manual configure <*macaddr*>	wlan ap_management manual configuration mode.
9	wlan ap_management ap_database add <*macaddr*>	wlan ap-management ap-database configuration mode.
10	wlan ap_management ap_database edit <*macaddr*>	wlan ap-management ap-database configuration mode.
11	wlan ap_management ap_database delete <*macaddr*>	wlan ap-management ap-database delete an mac-address.
12	wlan ap_management rf_management configure	wlan ap-management rf-management configuration mode.
13	wlan ap_management poll_list configure	wlan ap-management poll-list configuration mode.
14	wlan ap_management poll_list delete_ip_address <*ipaddr*>	wlan ap-management ap-database configuration mode.
15	wlan ap_management poll_list delete_vlan_list <*id*>	wlan ap-management poll-list delete an vlanid.
16	wlan ap_management poll_list discovery configure	wlan ap-management poll-

		list configuration mode.
17	wlan ap_management oui_database add	wlan ap-management oui-database configuration mode.
18	wlan ap_management oui_database delete *<ouival>*	wlan ap-management ap-database delete an oui value.
19	wlan ap_profile	Enter the AP Profile configuration mode.
20	wlan network	Enter Network configuration mode.
21	wlan ap_profile QoS	AP Profile QoS configuration.
22	wlan ap_profile radio	AP Profile Radio configuration.
23	wlan ap_profile ssid	AP Profile Ssid configuration.
24	wlan ap_profile add *<profileid>*	wlan ap_profile configuration mode.
25	wlan ap_profile edit *<profileid>*	wlan ap_profile configuration mode.
26	wlan ap_profile delete *<profileid>*	Delete a AP Profile.
27	wlan ap_profile copy *<sourceprofileid>* *<destprofileid>*	Copy an existing AP profile to a new AP profile.
28	wlan ap_profile radio configure *<profileid>* *<radio>*	wlan ap_profile radio configuration mode.
29	wlan ap_profile QoS configure *<profileid>* *<radio>*	wlan ap_profile QoS configuration mode.
30	wlan network configure *<networkid>*	wlan network configuration mode.
31	wlan network delete *<networkId>*	Delete a network Profile.
32	wlan ap_profile ssid configure *<profileid>* *<radio>*	Ssid for AP Profile.
33	wlan ap_profile apply *<profileid>*	Apply a AP Profile.
34	wlan captivePortal	Captive Portal Configuration Changes.

35	wlan captivePortal Ssid	SSID configure.
36	wlan captivePortal ssid configure <*ssid*>	Configure a SSID to associate to captive Portal.
37	wlan captivePortal ssid show	Show the ssid.
38	wlan client	Configure known client parameters.
39	wlan client add <*macaddr*>	wlan client configuration mode.
40	wlan client edit <*macaddr*>	wlan client configuration mode.
41	wlan client delete <*macaddr*>	wlan client configuration mode.
42	wlan peer_controller	Configure peer controller configuration push groups.
43	wlan peer_controller configure	wlan peer_controller configuration mode.
44	wlan peer_controller push_configuration <*ipaddr*>	Start the configuration push for one peer controllers.
45	wlan wids_security	Configure the WIDS security parameters.
46	wlan wids_security ap	Configure the WIDS security parameters for AP.
47	wlan wids_security client	Configure WIDS Client Security Parameters.
48	wlan wids_security ap configure	wlan wids_security ap configuration mode.
49	wlan wids_security client configure	wlan wids_security client configuration mode.
50	wlan wlan_global_setting	Wireless Global Configuration.
51	wlan wlan_global_setting ap_validation	Configure the AP validation method.
52	wlan wlan_global_setting	RADIUS related

	radius_server	parameters.
53	wlan wlan_global_setting country	country code for the wireless network.
54	wlan wlan_global_setting ap_validation configure	wlan ap_validation configuration mode.
55	wlan wlan_global_setting radius_server configure	wlan radius_server configuration mode.
56	wlan wlan_global_setting country configure	wlan country configuration mode.
57	wlan wlan_global_setting wireless_switch <*enable*>	Enable/Disable the wireless controller.

The command "**license ?"** at the CLI prompt, gives a description of all the configuration commands in the branch license , these are as follows:

1	license list	List license on the device
2	license activate <*activationKey*>	activate a license on the device.

The command "**system ?"** at the CLI prompt, gives a description of all the configuration commands in the branch system, these are as follows:

1	system POP3_Settings	System POP3 configuration commands.
2	system NT-Domain-Settings	Configure NT-Domain Settings
4	system LDAP_Settings	Configure LDAP Settings
5	system POP3_Settings POP3_Server_Configuration	Configure POP3 Server
6	system POP3_Settings POP3_Trusted_CA	Upload POP3 trusted Certificates
7	system logging	.
8	system logging ipv4	System logging configuration.
9	system logging facility	System log Facility configuration.
10	system logging remote	System remoteLogging configuration.
11	system logging ipv6	System ipv6 logs configuration.
12	system logging ipv4 configure	System logging

		configuration mode.
13	system logging facility configure <*facility*>	System logging facility configuration mode.
14	system logging remote configure	System remote Logging configuration mode.
15	system logging ipv6 configure	System ipv6 logs configuration mode.
16	system Radius-Settings	Configure Radius-Settings.
17	system remote_management	Remote Mgmt Setup.
18	system remote_management https	Remote Mgmt Setup for https.
19	system remote_management https configure	Configure remote management support for https.
20	system remote_management telnet configure	Configure remote management support for telnet.
21	system snmp	System SNMP configuration.
22	system snmp trap	System SNMP trap configuration.
23	system snmp sys	System SNMP system configuration.
24	system snmp access	System SNMP Access Configuration.
25	system snmp users	System SNMP v3 User Configuration.
26	system snmp trap configure <*agent_ip*>	SNMP trap configuration mode.
27	system snmp trap delete <*agent_ip*>	Delete a SNMP trap configuration.
28	system snmp users configure <*user*>	SNMP v3 User list configuration changes.
29	system snmp sys configure	SNMP system configuration mode.
30	system snmp access add	SNMP access configuration mode.
31	system snmp access edit <*rowid*>	SNMP configuration mode.
32	system snmp access delete <*rowid*>	SNMP access configuration mode.
33	system time	System time configuration mode.

34	system time configure	System time configuration mode.
35	system traffic_meter	Traffic meter Configuration setup.
36	system traffic_meter configure	Traffic meter configuration mode.
37	system usb	USB Configuration.
38	system usb usb1	USB1 Configuration.
39	system usb usb1 configure	USB1 Configuration.
40	system usb usb2	USB2 Configuration.
41	system usb usb2 configure	USB2 Configuration.
42	system users	System user configuration commands.
43	system group	System group configuration commands.
44	system group add	System groups add. mode.
45	system group edit <*row_id*>	System groups edit mode.
46	system group delete <*row_id*>	System groups delete mode.
47	system users add	System users add mode.
48	system users edit <*row_id*>	System users edit mode.
49	system users delete <*row_id*>	System users delete mode.
50	system group groupaccesscontrol	Group access control.
51	system group groupaccesscontrol configure <*group_id*>	Group access control configuration.
52	system group access_control_browser	List of browsers for which login policies can be applied.
53	system group access_control_browser add	Add a browser to Access Control browsers list.
54	system group access_control_browser delete <*row_id*>	Delete a browser from Access Control browsers list.
55	system group access_control_ip	List of ips for which login policies can be applied.

56	system group access_control_ip add	Add an ip to Access Control ips list.
57	system group access_control_ip delete <*row_id*>	Delete an ip from Access Control ips list.

The command "**util ?"** at the CLI prompt, gives a description of all the configuration commands in the branch util , these are as follows:

1	util restore-factory-defaults	Revert to factory default settings.
2	util system_check	System check options.
3	util system_check ping <*ip_address*>	Ping an Internet Address.
4	util system_check dns_lookup <*dns*>	To retrieve the IP address of a Web, FTP, Mail or any other Server on the Internet.
5	util system_check traceroute <*ip_address*>	Display all the routers present between the destination IP address and this router.
6	util system_check display_IPV4_routingtable	Display IPV4 Routing Table.
7	util system_check capturePackets	Allows you to capture all packets that pass through the selected interface.
8	util system_check capturePackets start <*interface*>	Start the packet capture.
9	util system_check capturePackets	Display

	avail_interfaces	available interfaces for packet capture.
10	util system_check capturePackets stop	Stop the packet capture.
11	util system_check capturePackets download <*fileName*> <*ipAddr*>	Download the packet capture to the host machine.
12	util reboot	Reboot the system.
13	util schedule-reboot <*enable_reboot*>	Reboot the system.
14	util usb_test <*ipAddr*> <*fileName*>	To test the USB.
15	util backup_configuration <*fileName*> <*ipAddr*>	Download the backup configuration file to the host machine.
16	util restore_configuration <*IpAddr*> <*FileName*>	To restore the configuraton.
17	util firmware_upgrade <*IpAddr*> <*FileName*>	To upgrade the firmware.

The command "**qos ?**" at the CLI prompt, gives a description of all the configuration commands in the branch qos , these are as follows:

1	qos lan	Configure qos parameters for lan.
2	qos lan trustmode	Trustmode configuration in the controller.
3	qos lan trustmode cos	Configure cos based QoS on lan.
4	qos lan trustmode dscp	Configure dscp based QoS on lan.
5	qos lan cos-to-dscp-remarking	Enable cos-to-dscp-remarking.
6	qos lan queue	Queue

		scheduling and management configuration.
7	qos lan cos-map	Configures the cos-map for the controller port.
8	qos lan dscp-map	Configures the cos-map for the controller port.
9	qos lan queue management	lan queue management configuration.
10	qos lan queue scheduling-algo	lan queue scheduling algorithm configuration.
11	qos lan status	Display status of lan QoS.
12	qos lan enable	Enable QoS on LAN.
13	qos lan disable	Disable QoS on LAN.
14	qos lan trustmode show	Show the trustmode on the controller.
15	qos lan trustmode cos enable <*lanPort*>	Configures CoS LAN, QoS has to be enabled first.
16	qos lan trustmode dscp enable <*lanPort*>	Configures DSCP on LAN, QoS has to be enabled first.
17	qos lan cos-map configure <*cosValue*> <*priorityQueue*>	Configure cos map for qos.
18	qos lan cos-map show	Show the cos-map for qos.
19	qos lan dscp-map show	Display dscp priority mapping on controller.
20	qos lan dscp-map configure <*dscpValue*> <*priorityQueue*>	Configure DSCP map for qos.
21	qos lan cos-to-dscp-remarking enable	Enables cos-to-dscp remarking.

22	qos lan cos-to-dscp-remarking disable	Disables cos-to-dscp remarking.
23	qos lan cos-to-dscp-remarking status	Display status of cos-to-dscp-remarking.
24	qos lan cos-to-dscp-remarking configure <*cosValue*> <*dscpValue*>	Configures cos-to-dscp remarking.
25	qos lan queue management show	Queue management configuration show.
26	qos lan queue scheduling-algo set <*sched-algo*>	Set the queue scheduling algorithm on the LAN.
27	qos lan queue scheduling-algo show	Show the queue scheduling algorithm on the LAN.

The command "**net ?"** at the CLI prompt, gives a description of all the configuration commands in the branch net , these are as follows:

1	net bandwidth	.
2	net bandwidth profile	It gives options to add/edit/delete a bandwidth profile.
3	net bandwidth profile enable <*enable*>	It allows you to enable/disable bandwidth profiles.
4	net bandwidth profile add	It allows you to add a bandwidth profile.
5	net bandwidth profile edit <*row_id*>	It allows you to edit a bandwidth profile.
6	net bandwidth profile delete <*row_id*>	It allows to you delete a bandwidth profile.
7	net bandwidth traffic_selector	It gives you options to add/edit/delete a traffic selector for a bandwidth profile.
8	net bandwidth traffic_selector add	It allows you to add a traffic selector for a bandwidth profile.
9	net bandwidth traffic_selector	It allows you to edit a

	edit <*row_id*>	traffic selector for a bandwidth profile.
10	net bandwidth traffic_selector delete <*row_id*>	It allows you to delete a traffic selector for a bandwidth profile.
11	net lan dhcp	DHCP setup.
12	net lan dhcp reserved_ip	DHCP Reserved IPs setup.
13	net lan dhcp reserved_ip configure <*mac_address*>	DHCP Reserved IPs add/edit mode.
14	net lan dhcp reserved_ip delete <*mac_address*>	Delete a specific reserved ip entry.
15	net ethernet	Ethernet configuration.
16	net ethernet configure <*interface_name*>	Ethernet configuration mode.
17	net lan	LAN setup.
18	net lan default_route	Default Route for LAN/VLAN configuration page.
19	net lan ipv4	.
20	net lan ipv4 configure	IPv4 LAN configuration mode.
21	net lan default_route configure	Default Route on LAN/VLAN configuration mode.
22	net lan ipv6	.
23	net lan ipv6 configure	IPv6 LAN configuration mode.
24	net lan ipv6 pool	.
25	net lan ipv6 pool configure <*ipv6PoolStartAddr*>	IPv6 LAN configuration add/edit mode.
26	net lan ipv6 pool delete <*ipv6PoolStartAddr*>	IPv6 LAN configuration delete.
27	net mode	IP Mode Setup
28	net mode configure	IP Mode configuration mode.
29	net port	.
30	net port management	Port management configuration setup.
31	net port management configure <*portName*>	Port management configuration mode.
32	net radvd	RADVD configuration setup.

33	net radvd pool	RADVD configuration setup.
34	net radvd configure	RADVD configuration mode.
35	net radvd pool add	RADVD Pool configuration mode.
36	net radvd pool edit <*row_id*>	RADVD Pool configuration mode.
37	net radvd pool delete <*row_id*>	RADVD pool configuration mode.
38	net routing dynamic	Configure the routes dynamically.
39	net routing dynamic configure	Configure the routes dynamically.
40	net routing	Configure routing mode, static and dynamic route(s).
41	net routing static	Configure the routes.
42	net routing static ipv4	Configure the routes.
43	net routing static ipv6	Configure the IPV6 routes.
44	net routing static ipv4 configure <*name*>	Add new static routes.
45	net routing static ipv6 configure <*name*>	Add new IPV6 static routes.
46	net routing static ipv4 delete <*name*>	Delete a specific route.
47	net routing static ipv6 delete <*name*>	Delete a specific IPV6 route.
48	net routing static ipv4 deleteAll	Delete all the configured routes.
49	net routing static ipv6 deleteAll	Delete all the configured IPV6 routes.
50	net captivePortal	Captive Portal Configuration Changes.
51	net captivePortal billing_profile	Billing Profile.
52	net captivePortal billing_profile add	Add a billing profile.
53	net captivePortal billing_profile edit <*row_id*>	Edit a billing profile.
54	net captivePortal billing_profile delete <*row_id*>	Delete a Billing Profile.
55	net port-vlan	Port vlan.

56	net port-vlan edit <*portname*>	vlan port name range 1-4 .
57	net vlan-membership	vlan-membership.
58	net vlan-membership edit <*port*>	Net vlan membership for the port.
59	net multivlan	Multivlan server configure.
60	net multivlan subnet	Multivlan Server configure.
61	net multiVlan subnet edit <*vlanID*>	Multivlan server edit mode.
62	net vlan	vlan Configuration Changes.
63	net vlan config	vlan configuration .
64	net vlan config add <*vlan_id*>	Add a vlan.
65	net vlan config edit <*vlan_Id*>	Edit a configured vlan.
66	net vlan config delete <*VlanId*>	Delete a vlan.
67	net vlan config enable	Enable vlan. configuration.
68	net vlan config disable	Disable vlan configuration.

2.0 Configuration commands under branch WLAN

2.1 wlan ap_management manual configure <*macaddr*>

S.No	Command Name	Description	Type and Description
1	<*macaddr*>	wlan ap_management manual configuration mode.	MAC address AA:BB:CC:DD:EE:FF where each part is in the range 00-FF
2	save	Save ap management configuration changes.	
3	cancel	Roll back ap management configuration changes.	
4	exit	Save ap management configuration changes and current mode.	
5	radio	Configure radio on a managed access points.	Wireless radio interface
6	channel	Configure managed access points channel value.	Unsigned integer
7	power	Enter the transmit power.	Range of power percentage

8	debug	Enable/Disable debugging on Managed AP.	
9	debug passwd	Enter the admin password for the AP (the default is admin.	String
10	debug passwd_confirm	Enter the admin password again.	String
11	debug enable_debug	Enable/Disable debugging on Managed AP.	Boolean choice
12	reset	Reset a WS managed AP.	Boolean choice

2.2 wlan ap_management ap_database add *<macaddr>*

S.No	Command Name	Description	Type and Description
1	*<macaddr>*	wlan ap-management ap-database configuration mode.	MAC address AA:BB:CC:DD:EE:FF where each part is in the range 00-FF
2	save	Save ap-database configuration changes.	
3	cancel	Roll back ap-database configuration changes.	
4	exit	Save ap-database configuration changes and current mode.	
5	mode	Configure the AP Managed mode.	AP mode
6	location	Configure the AP location description.	String
7	password	Configure the AP Authentication Password.	String
8	profileid *<1-16>*	Set the AP Profile ID to use for configuration.	AP Profile ID
9	ssid	Configure the stand-alone AP expected SSID.	String
10	channel	Configure the stand-alone AP expected channel.	Unsigned integer
11	wds_mode	Configure the stand-alone AP expected WDS mode.	Stand-alone AP expected WDS mode
12	security_mode	Configure the stand-alone AP expected security mode.	Stand Alone AP Security mode
13	wired-mode	Configure the stand-alone	

		AP expected wired network mode.	Stand-alone AP expected wired network mode
14	radio1-802.11a/n	Configure fixed radio channel/power settings.	
15	radio2-802.11b/g/n	Configure fixed radio channel/power settings.	
16	radio1-802.11a/n channel	Configure a fixed channel for the radio.	Unsigned integer
17	radio1-802.11a/n power	Configure a fixed transmit power for the radio.	Range of power percentage
18	radio2-802.11b/g/n channel	Configure a fixed channel for the radio.	Unsigned integer
19	radio2-802.11b/g/n power	Configure a fixed transmit power for the radio.	Range of power percentage

2.3 wlan ap_management ap_database edit *<macaddr>*

S.No	Command Name	Description	Type and Description
1	*<macaddr>*	wlan ap-management ap-database configuration mode.	MAC address AA:BB:CC:DD:EE:FF where each part is in the range 00-FF
2	save	Save ap-database configuration changes.	
3	cancel	Roll back ap-database configuration changes.	
4	exit	Save ap-database configuration changes and current mode.	
5	mode	Configure the AP Managed mode	AP mode
6	location	Configure the AP location description.	String
7	password	Configure the AP Authentication Password.	String
8	profileid *<1-16>*	Set the AP Profile ID to use for configuration.	AP Profile ID
9	ssid	Configure the stand-alone AP expected SSID.	String
10	channel	Configure the stand-alone AP expected channel.	Unsigned integer
11	wds_mode	Configure the stand-alone AP expected WDS mode.	Stand-alone AP expected WDS

			mode
12	security_mode	Configure the stand-alone AP expected security mode.	Stand Alone AP Security Mode
13	wired-mode	Configure the stand-alone AP expected wired network mode.	Stand-alone AP expected wired network mode
14	radio1-802.11a/n	Configure fixed radio channel/power settings.	
15	radio2-802.11b/g/n	Configure fixed radio channel/power settings.	
16	radio1-802.11a/n channel	Configure a fixed channel for the radio.	Unsigned integer
17	radio1-802.11a/n power	Configure a fixed transmit power for the radio.	Range of power percentage
18	radio2-802.11b/g/n channel	Configure a fixed channel for the radio.	Unsigned integer
19	radio2-802.11b/g/n power	Configure a fixed transmit power for the radio.	range of power percentage

2.4 wlan ap_management ap_database delete <*macaddr*>

S.No	Command Name	Description	Type and Description
1	<*macaddr*>	wlan ap-management ap-database delete an mac-address	MAC address AA:BB:CC:DD:EE:FF where each part is in the range 00-FF

2.5 wlan ap_management rf_management configure

S.No	Command Name	Description	Type and Description
1	save	Save rf management configuration changes.	
2	cancel	Roll back configuration changes.	
3	exit	Save rf management configuration changes and current mode.	
4	channel_plan	Configure the channel plan parameters.	
5	power_plan	Configure the power plan parameters.	
6	channel_plan plan	Specify radio frequency band.	Radio frequency Band
7	channel_plan mode	Set the mode of channel plan assignment.	Channel Plan Mode

8	channel_plan history_depth <*0-10*>	Configure the number of the channel algorithm iterations that WS remembers.	Unsigned integer
9	channel_plan interval <*6-24*>	Configure the interval for applying and computing channel adjustments.	Unsigned integer
10	channel_plan time	Configure the scheduled time for applying and computing channel adjustments.	String
11	power_plan interval <*15-1440*>	Configure the interval for applying and computing channel adjustments.	Unsigned integer
12	power_plan mode	Set the mode of power plan assignment.	Mode of Power Plan

2.6 wlan ap_management poll_list configure

S.No	Command Name	Description	Type and Description
1	save	Save poll list configuration changes.	
2	cancel	Roll back poll list configuration changes.	
3	exit	Save poll list configuration changes and current mode.	
4	vlan	Configure a VLAN ID for L2 discovery.	vlan id possible values
5	ip_address	Configure IP address to poll.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255

2.7 wlan ap_management poll_list delete_ip_address <*ipaddr*>

S.No	Command Name	Description	Type and Description
1	<*ipaddr*>	wlan ap-management ap-database configuration mode.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255

2.8 wlan ap_management poll_list delete_vlan_list <*id*>

S.No	Command Name	Description	Type and Description
1	<*id*>	wlan ap-management poll-list delete an vlanid.	Unsigned integer

2.9 wlan ap_management poll_list discovery configure

S.No	Command Name	Description	Type and Description
1	save	Save poll-list discovery configuration changes.	
2	cancel	Roll back poll-list discovery configuration changes.	
3	exit	Save poll-list discovery configuration changes and current mode.	
4	discovery	Enable/Disable specific discovery method.	
5	discovery enable_L2/VLAN	Enable/Disable the discovery of APs and peer controllers using L2 multicast frames.	Boolean choice
6	discovery enable_L3/IP	Enable/Disable the discovery of APs and peer controllers using IP polling method.	Boolean choice

2.10 wlan ap_management oui_database add

S.No	Command Name	Description	Type and Description
1	save	Save oui database configuration changes.	
2	cancel	Roll back oui database configuration changes.	
3	exit	Save discovery oui database changes and current mode.	
4	value	Configure Local OUI Database.	String
5	description	Configure Local OUI Database.	String

2.11 wlan ap_management oui_database delete *<ouival>*

S.No	Command Name	Description	Type and Description
1	*<ouival>*	wlan ap-management ap-database delete an oui value.	String

2.12 wlan ap_profile add *<profileid>*

S.No	Command Name	Description	Type and Description
1	*<profileid>*	wlan ap_profile configuration mode.	AP Profile ID
2	save	Save AP Profile settings.	
3	exit	Save AP Profile settings and exit current mode.	
4	cancel	Roll back AP Profile settings changes.	
5	profile_name	Configure a name for the AP Profile.	

			String
6	hardware_type	Configure hardware type.	AP Hardware Types
7	vlanid	Configure the wired network detection vlan id.	vlan id possible values

2.13 wlan ap_profile edit *<profileid>*

S.No	Command Name	Description	Type and Description
1	*<profileid>*	wlan ap_profile configuration mode.	AP Profile ID
2	save	Save AP Profile settings.	
3	exit	Save AP Profile settings and exit current mode.	
4	cancel	Roll back AP Profile settings changes.	
5	profile_name	Configure a name for the AP Profile.	String
6	hardware_type	Configure hardware type.	AP Hardware Types
7	vlanid	Configure the wired network detection vlan id.	vlan id possible values

2.14 wlan ap_profile delete *<profileid>*

S.No	Command Name	Description	Type and Description
1	*<profileid>*	Delete a AP Profile.	AP Profile ID

2.15 wlan ap_profile copy <sourceprofileid> <destprofileid>

S.No	Command Name	Description	Type and Description
1	*<sourceprofileid> <destprofileid>*	Copy an existing AP profile to a new AP profile.	AP Profile ID AP Profile ID

2.16 wlan ap_profile radio configure *<profileid> <radio>*

S.No	Command Name	Description	Type and Description
1	*<profileid> <radio>*	wlan ap_profile radio configuration mode.	AP Profile ID wireless radio interface
2	save	Save AP profile radio settings.	
3	exit	Save AP profile radio settings and exit	

		current mode.	
4	cancel	Roll back AP profile radio settings changes.	
5	mode	Configure the physical mode for the radio interface.	
6	enable	Enable/Disable the radio operational mode.	Boolean choice
7	state_isolation	Enable/Disable Station Isolation.	Boolean choice
8	rts_threshold	Configure the RTS threshold.	Unsigned integer
9	enable_load_balancing	Enable load balancing parameters for the radio.	Boolean choice
10	load_utilization	Configure the percentage utilization.	Range of power percentage
11	maximum_clients	Configure the maximum number of simultaneous client associations allowed.	Unsigned integer
12	rf_scan_otherchannels	Enable/Disable scan of other channels.	Boolean choice
13	rf_scan_sentry	Set the scan mode to sentry.	Boolean choice
14	dtm_period	Configure the DTIM period.	Unsigned integer
15	beacon_interval	Configure the beacon interval.	Unsigned integer
16	automatic_channel	Enable/Disable the Automatic Power Save Delivery mode for the radio.	Boolean choice
17	automatic_power	Enable/Disable auto power adjustment.	Boolean choice
18	initial_power	Configure a default power setting for the radio.	Range of power percentage
19	rate	Configure data rates for the radio.	
20	rate basic	Configure basic client rates.	Unsigned integer
21	rate supported	Configure supported client rates.	Unsigned integer
22	channel_auto_eligble	Enable/Disable channel auto-eligibility for client connections.	Unsigned integer

2.17 wlan ap_profile QoS configure *<profileid> <radio>*

S.No	Command Name	Description	Type and

			Description
1	*<profileid> <radio>*	wlan ap_profile QoS configuration mode	AP Profile ID wireless radio interface
2	save	Save AP profile QoS configuration.	
3	exit	Save and exit current mode.	
4	cancel	Roll back AP Profile QoS settings changes.	
5	enable_wmm_mode	Enable/Disable WMM mode.	Boolean choice
6	edca	Select between AP EDCA parameters or Station EDCA parameters to Configure.	AP EDCA parameters or Station EDCA parameters
7	edca_queue	Select which EDCA queue to configure(background, best-effort, video, voice)	EDCA Parameters
8	aifs	Configure the Arbitration Inter-frame Spacing time.	Unsigned integer
9	cwmin	Configure the upper limit of the range from which the initial random backoff wait time is determined.	Unsigned integer
10	cwmax	Configure the upper limit for the doubling of the random backoff value.	Unsigned integer
11	max_burst	Configure the maximum burst duration.	Unsigned integer

2.18 wlan network configure *<networkid>*

S.No	Command Name	Description	Type and Description
1	*<networkid>*	wlan network configuration mode.	WLAN Network ID
2	save	Save Network settings.	
3	exit	Save Network settings and exit current mode.	
4	cancel	Roll back Network settings changes.	
5	ssid	Configure the SSID for the network.	String
6	hide_ssid	Enable/Disable hiding the SSID for the network.	Boolean choice
7	ignore_broadcast	Enable/Disable deny broadcast	

		mode for the network.	Boolean choice
8	security-mode	Configure security mode for network.	802.11 Security Types
9	wpa2	Configure WPA2.	
10	wpa2 key-caching	wpa2 options for network.	
11	wpa2 key-caching holdtime	wpa2 key holdtime for network.	WPA2 key caching hold-time [0-Default value]
12	wpa2 pre-auth	wpa2 pre-authentication for network.	
13	wpa2 pre-auth set	wpa type for network.	WPA2 pre-authentication
14	wpa2 pre-auth limit	wpa2 pre-authentication limit for network.	WPA2 pre-authentication limit [0-Default value]
15	dot1x	wpa2 refresh rate for network.	
16	dot1x bcast-key-refresh-rate	wpa2 refresh rate for network.	WPA2 broadcast key refresh rate [0-Default value]
17	dot1x session-key-refresh-rate	wpa2 session key refresh rate for network.	WPA2 session key refresh rate [0 - Disable]
18	wpa	Configure WPA.	
19	wpa cipher	wpa type for network.	WPA Cipher Types
20	wpa key	wpa type for network	
21	wpa key value	wpa type for network.	String
22	wpa key enc-value	wpa type for network.	String
23	wpa version	wpa type for network.	WPA version Types
24	wep	Configure WEP.	
25	wep auth	wep type authentication for network.	Static WEP Type
26	wep key	Configure WEP key related parameters.	
27	wep key index	Configure WEP key related	

		parameters.	
28	wep key index tx	Configure WEP key related parameters.	WEP key index type (1-4)
29	wep key index value	Configure WEP key related parameters.	String
30	wep key index enc	Configure WEP key related parameters.	String
31	wep key type	Configure WEP key related parameters.	Static WEP Type
32	wep key length	Configure WEP key related parameters.	WEP key length
33	wep tx-key	Configure the WEP transfer key index.	WEP key index type (1-4)
34	vlan	Configure the default VLAN ID.	Unsigned integer
35	mac_authentication	Configure client MAC authentication parameters.	Wireless network mac authentication type
36	redirect_mode	Configure the redirect mode for the network.	Network redirect mode
37	redirect_url	Configure the HTTP redirect URL for the network.	String
38	arp_suppression	Enable/Disable Wireless ARP Suppression for the network.	Boolean choice
39	dist_tunnel	Enable/Disable distributed tunneling mode for the network.	Boolean choice
40	radius_parm	Configure RADIUS related parameters.	
41	radius_parm accounting	Enable/Disable RADIUS accounting function.	Boolean choice
42	radius_parm server_name	Configure Authentication/Accounting RADIUS Server Name.	
43	radius_parm server_name auth	Configure Authentication RADIUS Server Name.	String
44	radius_parm server_name acct	Configure Accounting RADIUS Server Name.	String
45	radius_parm use_network_configuration	Enable/Disable override of Network RADIUS configuration.	Boolean choice

2.19 wlan network delete *<networkId>*

S.No	Command Name	Description	Type and Description
1	*<networkId>*	Delete a network Profile	WLAN Network ID

2.20 wlan ap_profile ssid configure *<profileid> <radio>*

S.No	Command Name	Description	Type and Description
1	*<profileid> <radio>*	Ssid for AP Profile.	AP Profile ID wireless radio interface
2	save	Save AP profile ssid settings.	
3	exit	Save AP profile ssid settings and exit current mode.	
4	cancel	Roll back AP profile ssid settings changes.	
5	vap	Configure the SSID for the network.	WLAN VAP ID
6	enable	Enable/Disable the VAP operational mode.	Boolean choice
7	networkid	Configure the SSID for the network.	WLAN Network ID

2.21 wlan ap_profile apply *<profileid>*

S.No	Command Name	Description	Type and Description
1	*<profileid>*	Apply a AP Profile.	AP Profile ID

2.22 wlan captivePortal ssid configure *<ssid>*

S.No	Command Name	Description	Type and Description
1	*<ssid>*	Configure a SSID to associate to captive Portal.	String
2	save	Save captive portal SSID configuration changes.	
3	exit	Save captive portal SSID changes and exit current mode.	
4	cancel	Roll back configuration changes.	
5	showCP-profiles	Available captive portal profiles.	
6	accessType	Access Type for the SSID to be configure.	Captive Portal Type for SSID
7	permanent-user	Access Type is Permanent User.	
8	permanent-user auth-mode	Authentication-server for user.	Authentication Type for Captive Portal user

9	permanent-user auth-type	Authentication-type for user.	Radius Authentication type
10	permanent-user CP-profile	Captive portal profile for user.	Captive Portal Profile ID
11	temporary-user	Access Type is Temporary User.	
12	temporary-user CP-profile	Captive portal profile for user.	Captive Portal Profile ID

2.23 wlan client add *<macaddr>*

S.No	Command Name	Description	Type and Description
1	*<macaddr>*	wlan client configuration mode.	MAC address AA:BB:CC:DD:EE:FF where each part is in the range 00-FF
2	save	Save client configuration changes.	
3	cancel	Roll back client configuration changes.	
4	exit	Save client configuration changes and current mode.	
5	name	Configure a Known Client name.	String
6	action	Configure a Known Client authentication action.	Known Client Authentication Action

2.24 wlan client edit *<macaddr>*

S.No	Command Name	Description	Type and Description
1	*<macaddr>*	wlan client configuration mode.	MAC address AA:BB:CC:DD:EE:FF where each part is in the range 00-FF
2	save	Save client configuration changes.	
3	cancel	Roll back client configuration changes.	
4	exit	Save client configuration changes and current mode.	
5	name	Configure a Known Client name.	String
6	action	Configure a Known Client authentication action.	Known Client Authentication Action

2.25 wlan client delete *<macaddr>*

S.No	Command Name	Description	Type and Description

1	*<macaddr>*	wlan client configuration mode.	MAC address AA:BB:CC:DD:EE:FF where each part is in the range 00-FF

2.26 wlan peer_controller configure

S.No	Command Name	Description	Type and Description
1	save	Save peer controller configuration changes.	
2	cancel	Roll back peer controller configuration changes.	
3	exit	Save peer controller configuration changes and current mode.	
4	enable_global	Enable/Disable global configuration push to peer controllers.	Boolean choice
5	enable_discovery	Enable/Disable discovery configuration push to peer controllers.	Boolean choice
6	enable_channel/power	Enable/Disable channel and power configuration push to peer controllers.	Boolean choice
7	enable_ap_database	Enable/Disable AP database configuration push to peer controllers.	Boolean choice
8	enable_device_location	Enable/Disable device location configuration push to peer controllers.	Boolean choice
9	enable_ap_profile	Enable/Disable AP profile and network configuration push to peer controllers.	Boolean choice
10	enable_known_client	Enable/Disable known client configuration push to peer controllers.	Boolean choice
11	enable_captive_portal	Enable/Disable Captive Portal configuration push to peer controllers.	Boolean choice
12	enable_radius_client	Enable/Disable RADIUS client configuration push to peer controllers.	Boolean choice
13	enable_QoS_acl	Enable/Disable QoS ACL configuration push to peer controllers.	Boolean choice
14	enable_QoS_diffserv	Enable/Disable QoS DiffServ configuration push to peer controllers.	Boolean choice
15	enable_wds_group	Enable/Disable wds group configuration push to peer controllers.	Boolean choice

2.27 wlan peer_controller push_configuration *<ipaddr>*

S.No	Command Name	Description	Type and Description
1	*<ipaddr>*	Start the configuration push for one peer controllers.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255

2.28 wlan wids_security ap configure

S.No	Command Name	Description	Type and Description
1	save	Save Wids Security settings.	
2	exit	Save Configurable wids security settings and exit current mode.	
3	cancel	Roll back Configurable wids security settings changes.	
4	admin_config_rogue	Enable Rogue reporting for admin configured Rogue AP's.	Boolean choice
5	ap_chan_illegal	Enable or disable Rogue reporting for AP's is operating on an illegal channel.	Boolean choice
6	ap_de_auth_attack	Enable or disable the AP de-authentication attack.	Boolean choice
7	fakeman_ap_chan_invalid	Enable or disable Rogue reporting for fake managed AP's detected with an invalid channel.	Boolean choice
8	fakeman_ap_managed_ssid	Enable or disable Rogue reporting for fake managed AP's detected with a managed SSID.	Boolean choice
9	fakeman_ap_no_ssid	Enable or disable Rogue reporting for APs detected with no SSID.	Boolean choice
10	managed_ap_ssid_invalid	Enable or disable Rogue reporting for managed AP's detected with an invalid SSID.	Boolean choice
11	managed_ssid_secu_bad	Enable or disable Rogue reporting for AP's detected with managed SSID's and an invalid security configuration.	Boolean choice
12	standalone_cfg_invalid	Enable or disable Rogue reporting for standalone AP's operating with unexpected configuration.	Boolean choice
13	unknown_ap_managed_ssid	Enable or disable Rogue reporting for unknown AP's detected with a managed SSID.	Boolean choice
14	unmanaged_ap_wired	Enable or disable Rogue reporting for unmanaged AP's on a wired network	Boolean choice
15	rogue_det_trap_interval	Configure the Rogue detected trap interval.	Unsigned integer
16	wired_detection_interval	Configure the wired network detection	

		interval.	Unsigned integer
17	wds_device_unexpected	Enable or disable Rogue reporting for detection of unexpected WDS devices.	Boolean choice

2.29 wlan wids_security client configure

S.No	Command Name	Description	Type and Description
1	save	Save wids client settings.	
2	exit	Save wids client settings and exit current mode.	
3	cancel	Roll back wids client settings changes.	
4	auth_with_unknown_ap	Enable or Disable the Known Client is authenticated with unknown AP test.	Boolean choice
5	configured_auth_rate	Enable or Disable the configured rate of 802.11 Auth Requests test.	Boolean choice
6	configured_deauth_rate	Enable or Disable the configured rate of 802.11 Deauth Requests test.	Boolean choice
7	configured_probe_rate	Enable or Disable the configured rate of 802.11 Probe Requests test.	Boolean choice
8	known_client_database	Enable or Disable the client present in Known DB Test	Boolean choice
9	max_auth_failure	Enable or Disable the Maximum number of Authentication Failures test.	Boolean choice
10	oui_database	Enable or Disable the client present in OUI DB Test.	Boolean choice
11	threat_mitigation	Enable or Disable Client Threat Mitigation.	Boolean choice
12	known_db_location	Configure the Known Client database location.	wireless ap validation type
13	known_db_radius_server_name	Configure the Known Client database server name.	String
14	rogue_det_trap_interval	Set the Rogue Detection Trap Interval.	Unsigned integer
15	threshold_interval_deauth	Configure the De-Authentication Requests Threshold Interval.	Unsigned

			integer
16	threshold_value_deauth	Configure the De-Authentication Requests Threshold Value.	Unsigned integer
17	threshold_value_auth	Configure the Authentication Requests Threshold Value.	Unsigned integer
18	threshold_interval_probe	Configure the Probe Requests Threshold Value.	Unsigned integer
19	threshold_value_probe	Configure the Probe Requests Threshold Value.	Unsigned integer
20	threshold_auth_failure	Configure the Authentication Failures Threshold Value.	Unsigned integer

2.30 wlan wlan_global_setting ap_validation configure

S.No	Command Name	Description	Type and Description
1	save	Save ap validation configuration changes.	
2	cancel	Roll back ap validation configuration changes.	
3	exit	Save ap validation configuration changes and current mode.	
4	validation	Use local AP database or configured RADIUS server to validate discovered APs.	wireless ap validation type
5	authentication	Enable/Disable AP authentication mode.	Boolean choice

2.31 wlan wlan_global_setting radius_server configure

S.No	Command Name	Description	Type and Description
1	save	Save radius server configuration changes.	
2	cancel	Roll back radius server configuration changes.	
3	exit	Save radius server configuration changes and current mode.	
4	authentication_server_name	Configure Authentication RADIUS Server Name.	String
5	accounting_server_name	Configure Accounting RADIUS Server Name.	String
6	accounting_enable	Enable/Disable RADIUS accounting function.	Boolean choice

2.32 wlan wlan_global_setting country configure

S.No	Command Name	Description	Type and Description
1	save	Save country configuration changes.	
2	cancel	Roll back country configuration changes.	
3	exit	Save country configuration changes and current mode.	
4	country	Enter a country code.	Country Code

2.33 wlan wlan_global_setting wireless_controller *<enable>*

S.No	Command Name	Description	Type and Description
1	*<enable>*	Enable/Disable the wireless controller.	Boolean choice

3.0 Configuration commands under branch LICENSE

3.1 license list

S.No	Command Name	Description	Type and Description
1	list	List all licenses configured on the device.	
2	activate	Activate a license on the device.	

3.2 license activate *<activationKey>*

S.No	Command Name	Description	Type and Description
1	*<activationKey>*	Activate a license on the device.	Invalid Activation Key, please enter key with length of 25 characters.
2	list	List all licenses configured on the device.	
3	activate	Activate a license on the device.	

4.0 Configuration commands under branch SYSTEM

4.1 system NT-Domain-Settings

S.No	Command Name	Description	Type and Description
1	save	Save NT Domain configuration changes.	
2	exit	Save NT Domain configuration changes and exit.	
3	cancel	Roll back configuration changes.	

4	Authentication_Server_1	Set primary server IP address.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
5	Authentication_Server_2	Set second alternative server IP address.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
6	Authentication_Server_3	Set third alternative server IP address.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
7	workgroup	Set NT Domain Workgroup.	String
8	second_workgroup	Set second alternative Workgroup.	String
9	third_workgroup	Set Third alternative Workgroup.	String
10	timeout	Set NT Domain server connection timeout.	Unsigned integer
11	retries	Set NT Domain server connection retry attempts.	Unsigned integer
12	serverCheck	Check the reachability of configured servers.	

4.2 system RADIUS_Settings

NULL

4.3 system LDAP_Settings

S.No	Command Name	Description	Type and Description
1	save	Save LDAP configuration changes.	
2	exit	Save LDAP configuration changes and exit.	
3	cancel	Roll back configuration changes.	
4	Authentication_Server_1	Set primary server IP address.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
5	Authentication_Server_2	Set second	

		alternative server IP address.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
6	Authentication_Server_3	Set third alternative server IP address.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
7	LDAP_Base_DN	Set LDAP Base DN	String
8	Second_LDAP_Base_DN	Set second alternative LDAP Base DN	String
9	Third_LDAP_Base_DN	Set third alternative LDAP Base DN	String
10	LDAPAttribute1	Set LDAP Attribute 1	String
11	LDAPAttribute2	Set LDAP Attribute 2	String
12	LDAPAttribute3	Set LDAP Attribute 3	String
13	LDAPAttribute4	Set LDAP Attribute 4	String
14	timeout	Set LDAP server connection timeout.	Unsigned integer
15	retries	Set LDAP server connection retry attempts.	Unsigned integer
16	serverCheck	Check the reachability of configured servers.	

4.4 system POP3_Settings POP3_Server_Configuration

S.No	Command Name	Description	Type and Description
1	save	Save POP3 configuration changes.	
2	exit	Save POP3 configuration changes and exit.	
3	cancel	Roll back configuration changes.	
4	Authentication_Server_1	Set primary server.	String
5	Authentication_Server_2	Set secondary server.	String
6	Authentication_Server_3	Set optional server.	String

7	Authentication_Port_1	Set port for primary server.	Port number
8	Authentication_Port_2	Set port for secondary server.	Port number
9	Authentication_Port_3	Set port for optional server.	Port number
10	SSL_Enable_1	Enable SSL for primary server.	Boolean choice
11	SSL_Enable_2	Enable SSL for secondary server.	Boolean choice
12	SSL_Enable_3	Enable SSL for optional server.	Boolean choice
13	CA_File_1	CAFILE for primary server.	String
14	CA_File_2	CAFILE for secondary server.	String
15	CA_File_3	CAFILE for optional server.	String
16	serverCheck	Check the reachability of configured servers.	

4.5 system POP3_Settings POP3_Trusted_CA

S.No	Command Name	Description	Type and Description
1	exit	Exit POP3_Trusted_CA.	
2	add	Add a certificate.	String IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
3	delete	Delete a certificate.	String

4.6 system logging ipv4 configure

S.No	Command Name	Description	Type and Description
1	save	Save logging configuration changes.	
2	exit	Save logging configuration changes and exit current mode.	
3	cancel	Roll back logging configuration changes.	
4	unicast_traffic_logs	All Unicast Traffic logs Enable/Disable	Boolean choice

5	broadcast_or_multicast_traffic_logs	All Broadcast/Multicast Traffic logs Enable/Disable	Boolean choice
6	source_mac_filter_logs	Source mac filter logs Enable/Disable	Boolean choice
7	bandwidth_limit_logs	Bandwidth Limit logs Enable/Disable	Boolean choice
8	ftp_logs	FTP logs Enable/Disable	Boolean choice
9	icmp_invalid_logs	Invalid ICMP Packets logs Enable/Disable	Boolean choice
10	icmp_redirect_logs	Redirected ICMP Packets logs Enable/Disable	Boolean choice
11	log_invalid_packet	Log invalid packet Enable/Disable	Boolean choice

4.7 system logging facility configure *<facility>*

S.No	Command Name	Description	Type and Description
1	*<facility>*	System logging facility configuration mode.	Logging Facility Type.
2	save	Save log facility configuration changes.	
3	exit	Save log facility configuration changes and exit current mode.	
4	cancel	Roll back log facility configuration changes.	
5	level_options_set	Set level options. This command can be run multiple times in this view to set different level options.	Logging Facility Type. Logging Level Options Type. Boolean choice

4.8 system logging remote configure

S.No	Command Name	Description	Type and Description
1	save	Save remote logging configuration changes.	
2	exit	Save remote logging configuration changes and exit current mode.	
3	cancel	Roll back remote logging configuration changes.	
4	log_identifier	Set the log identifier	

		prefixed to both, e-mail and Syslog messages.	String
5	email_logs_enable	Set whether or not system emails scheduled logs.	Boolean choice
6	email_server	Set options for emailing of logs.	String
7	return_email	Set email address SMTP server replies are sent.	String
8	send_to_email	Set email address where logs and alerts will be sent.	String
9	smtp_auth	Set SMTP authentication details.	
10	smtp_auth type	Set SMTP authentication types.	SMTP Authentication Types.
11	smtp_auth username	Set SMTP authentication username (for plain and CRAM-MD5 auth).	String
12	smtp_auth password	Set SMTP authentication password (for plain and CRAM-MD5 auth).	String
13	identd_from_smtp_server_enable	Enable/Disable the identd from smtp server.	Boolean choice
14	schedule	Set schedule for sending log by email.	
15	schedule unit	Set schedule unit.	Schedule Unit Types.
16	schedule day	Set schedule day.	Schedule Day Types.
17	schedule time	Set schedule time.	Schedule Time Units Types.
18	schedule meridiem	Set schedule meridiem.	Schedule Meridiem Types.

19	syslog_server	syslog	
20	syslog_server server_name1	server1	
21	syslog_server server_name2	server2	
22	syslog_server server_name3	server3	
23	syslog_server server_name4	server4	
24	syslog_server server_name5	server5	
25	syslog_server server_name6	server6	
26	syslog_server server_name7	server7	
27	syslog_server server_name8	server8	
28	syslog_server server_name1 enable	Boolean Choice Y/N	Boolean choice
29	syslog_server server_name1 name	Set Syslog server.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
30	syslog_server server_name1 severity	Set Syslog severity.	syslog server severity types
31	syslog_server server_name1 facility	Set Syslog facility.	syslog server facility ID types
32	syslog_server server_name2 enable	Boolean Choice Y/N	Boolean choice
33	syslog_server server_name2 name	Set Syslog server.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
34	syslog_server server_name2 severity	Set Syslog severity.	syslog server severity types
35	syslog_server server_name2 facility	Set Syslog facility.	syslog server facility ID types
36	syslog_server server_name3 enable	Boolean Choice Y/N	Boolean choice
37	syslog_server server_name3 name	Set Syslog server.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
38	syslog_server server_name3 severity	Set Syslog severity.	syslog server severity

			types
39	syslog_server server_name3 facility	Set Syslog facility.	syslog server facility ID types
40	syslog_server server_name4 enable	Boolean Choice Y/N	Boolean choice
41	syslog_server server_name4 name	Set Syslog server.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
42	syslog_server server_name4 severity	Set Syslog severity.	syslog server severity types
43	syslog_server server_name4 facility	Set Syslog facility.	syslog server facility ID types
44	syslog_server server_name5 enable	Boolean Choice Y/N	Boolean choice
45	syslog_server server_name5 name	Set Syslog server.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
46	syslog_server server_name5 severity	Set Syslog severity.	syslog server severity types
47	syslog_server server_name5 facility	Set Syslog facility.	syslog server facility ID types
48	syslog_server server_name6 enable	Boolean Choice Y/N	Boolean choice
49	syslog_server server_name6 name	Set Syslog server.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
50	syslog_server server_name6 severity	Set Syslog severity.	syslog server severity types
51	syslog_server server_name6 facility	Set Syslog facility.	syslog server facility ID types
52	syslog_server server_name7 enable	Boolean Choice Y/N	Boolean choice

53	syslog_server server_name7 name	Set Syslog server.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
54	syslog_server server_name7 severity	Set Syslog severity.	syslog server severity types
55	syslog_server server_name7 facility	Set Syslog facility.	syslog server facility ID types
56	syslog_server server_name8 enable	Boolean Choice Y/N	Boolean choice
57	syslog_server server_name8 name	Set Syslog server.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
58	syslog_server server_name8 severity	Set Syslog severity.	syslog server severity types
59	syslog_server server_name8 facility	Set Syslog facility.	syslog server facility ID types

4.9 system logging ipv6 configure

S.No	Command Name	Description	Type and Description
1	save	Save ipv6 logging configuration changes.	
2	exit	Save ipv6 logging configuration changes and exit current mode.	
3	cancel	Roll back ipv6 logging configuration changes.	
4	lan_option_accept_enable	Enable/Disable logging for the LAN to option Accept packets	Boolean choice
5	lan_option_drop_enable	Enable/Disable logging for the LAN to option Dropped packets	Boolean choice
6	option_lan_accept_enable	Enable/Disable logging for the option to LAN Accept packets	Boolean choice
7	option_lan_drop_enable	Enable/Disable logging for the option to LAN Dropped packets	Boolean choice

4.10 system Radius-Settings

S.No	Command Name	Description	Type and Description

1	save	Save RADIUS configuration changes.	
2	exit	Save RADIUS configuration changes and exit current mode.	
3	cancel	Roll back configuration changes.	
4	primary-radius-server	Set Primary RADIUS server IP address.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
5	secondary-radius-server	Set Secondary RADIUS server IP address.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
6	optional-radius-server	Set Optional RADIUS server IP address.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
7	primary-server-authentication-port	Set Primary RADIUS server port.	Port number
8	secondary-server-authentication-port	Set Secondary RADIUS server port.	Port number
9	optional-server-authentication-port	Set Optional RADIUS server port.	Port number
10	primary-server-secret	Set Primary RADIUS server secret.	String
11	secondary-server-secret	Set Secondary RADIUS server secret.	String
12	optional-server-secret	Set Optional RADIUS server secret.	String
13	primary-server-timeout	Set primary server connection timeout.	
14	secondary-server-timeout	Set secondary server connection timeout.	
15	optional-server-timeout	Set optional server connection timeout.	
16	primary-server-retries	Set primary server connection retry attempts.	number in range of 1 to 9
17	secondary-server-retries	Set secondary server connection retry attempts.	number in range of 1 to 9
18	optional-server-retries	Set optional server connection retry attempts.	number in range of 1 to 9
19	serverCheck	Check the reachability of	

		configured servers.	

4.11 system remote_management https configure

S.No	Command Name	Description	Type and Description
1	save	Save access Management changes for https.	
2	exit	Save access Management changes for https and exit current mode.	
3	cancel	Roll back Remote Mgmt changes.	
4	enable	Enable/disable remote mgmt over https.	Boolean choice
5	type	Enable/disable remote mgmt over https.	Unsigned integer
6	from_address	Set the starting IP in case of range, and the IP to be allowed access in case of granting access to a particular machine	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
7	end_address	Set the Ending IP in case of range.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
8	port	Set the port you want to use for HTTP.	Unsigned integer
9	enable_remote_snmp	Enable/disable remote snmp.	Boolean choice

4.12 system remote_management telnet configure

S.No	Command Name	Description	Type and Description
1	save	Save access Management changes for telnet.	
2	exit	Save access Management changes for telnet and exit current mode.	
3	cancel	Roll back changes to Remote Mgmt.	
4	enable	Enable/disable Remote mgmt over telnet.	Boolean choice
5	type	The kind of access you want to allow.	Unsigned integer
6	from_address	Set the starting IP range, and	

		allow the IP to grant access to a particular machine.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
7	to_address	Set the Ending IP in case of range.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255

4.13 system snmp trap configure *<agent_ip>*

S.No	Command Name	Description	Type and Description
1	*<agent_ip>*	SNMP trap configuration mode.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
2	save	Save SNMP trap configuration changes.	
3	exit	Save SNMP trap configuration changes and exit current mode.	
4	cancel	Roll back SNMP configuration changes.	
5	agent	The IP address of the SNMP agent.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
6	snmp_version	Snmp Version v1/v2/v3	String
7	port	Which SNMP trap port the trap messages will be sent to.	Port number
8	community	The community string to which the agent belongs. Most agents are configured to listen for traps in the Public community.	String

4.14 system snmp trap delete *<agent_ip>*

S.No	Command Name	Description	Type and Description
1	*<agent_ip>*	Delete a SNMP trap configuration.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255

4.15 system snmp users configure *<user>*

S.No	Command Name	Description	Type and Description
1	*<user>*	SNMP v3 User list configuration changes.	SNMPv3 user list type.

2	save	Save SNMP trap configuration changes.	
3	exit	Save SNMP v3 Users configuration changes and exit current mode.	
4	cancel	Roll back SNMP v3 Users configuration changes.	
5	security_level	Authentication and privacy settings.	Security level type for SNMPv3 user list.
6	authentication_algo	Choose between MD5 or SHA authentication.	SNMPv3 user list authentication algorithm type.
7	privacy_algorithm	DES-56 privacy is available for authentication negotiation.	SNMPv3 user list privacy algorithm type.
8	authentication_password	Shared authentication password with the SNMPv3 user.	String.
9	privacy_password	Shared privacy password with the SNMPv3 user.	String.

4.16 system snmp sys configure

S.No	Command Name	Description	Type and Description
1	save	Save SNMP system configuration changes.	
2	cancel	Roll back SNMP configuration changes.	
3	exit	Save SNMP system configuration changes and exit current mode.	
4	sys-contact	Set system contact information.	String.
5	sys-location	Set system location information.	String.
6	sys-name	Set system name information.	String.

4.17 system snmp access add

S.No	Command Name	Description	Type and Description
1	save	Save SNMP access control configuration changes.	
2	exit	Save SNMP access configuration changes and exit current mode.	
3	cancel	Roll back SNMP configuration changes.	

4	agent	The IP address of the SNMP agent.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
5	subnet_mask	The network mask used to determine the list of allowed SNMP managers. To allow any IP on the network to manage the device, enter 255.255.255.0. For a specific host, enter 255.255.255.255. To allow global access, enter 0.0.0.0.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
6	accessType	Which SNMP trap port that the trap messages will be sent to.	SNMP access type for SNMP community.
7	community	The community string to which the agent belongs. Most agents are configured to listen for traps in the Public community.	String

4.18 system snmp access edit *<rowid>*

S.No	Command Name	Description	Type and Description
1	*<rowid>*	SNMP configuration mode.	Unsigned integer.
2	save	Save SNMP access control configuration changes.	
3	exit	Save SNMP access configuration changes and exit current mode.	
4	cancel	Roll back SNMP configuration changes.	
5	agent	The IP address of the SNMP agent.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
6	subnet_mask	The network mask used to determine the list of allowed SNMP managers. To allow any IP on the network to manage the device, enter 255.255.255.0. For a specific host, enter 255.255.255.255. To allow global access, enter 0.0.0.0.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
7	accessType	Which SNMP trap port the trap messages will be sent to.	SNMP access type for SNMP community
8	community	The community string to which the agent belongs. Most agents are configured to listen for traps in the Public community.	String

4.19 system snmp access delete <*rowid*>

S.No	Command Name	Description	Type and Description
1	<*rowid*>	SNMP access configuration mode.	Unsigned integer.

4.20 system time configure

S.No	Command Name	Description	Type and Description
1	save	Save time configuration changes.	
2	exit	Save time configuration changes and current mode.	
3	cancel	Roll back time configuration changes.	
4	timezone	Timezone.	Timezone.
5	auto_daylight	Specify whether system automatically adjusts for daylight savings time.	Boolean choice.
6	configure_ntp_servers	Specify whether to use NTP servers or if user will set the date and time.	Boolean choice.
7	use_default_servers	Specify whether to use system default NTP servers.	Boolean choice.
8	ntp_server1	Set NTP server#1.	String.
9	ntp_server2	Set NTP server#2.	String
10	ntp_year	Set year for the date.	Year.
11	ntp_month	Set month for the date.	Month in the format MM(01-12)
12	ntp_day	Set day for the date.	Day in the format DD(01-31)
13	ntp_hour	Set hour for the date.	HH(00-23) using 24 hour clock
14	ntp_minutes	Set minutes for the date.	Minute in the format MM(00-59)
15	ntp_seconds	Set seconds for the date.	Second in the format SS(00-59)
16	ntp_sync_interval	Set seconds for the date.	Unsigned integer.

4.21 system traffic_meter configure

S.No	Command Name	Description	Type and Description
1	save	Save traffic meter configuration changes.	
2	exit	Save traffic meter configuration changes and exit current mode.	
3	cancel	Roll back traffic meter configuration changes.	
4	enable	Enable/Disable the traffic meter.	Boolean choice.
5	limit_type	Set traffic Limit Type 0(No limit), 1(Download only), 2(Both Directions)	Traffic meter types.
6	monthly_limit	Set monthly limit for the traffic meter.	Unsigned integer.
7	increase_limit_enable	Enable/Disable whether you can increase limit of the traffic meter.	Boolean choice.
8	increase_limit_by	Set a value for increasing the limit of the traffic meter.	Unsigned integer.
9	counter	Set the traffic counter as either a specific time or restart counter.	Traffic counter type.
10	time_hour	Set hours for restart time.	HH(00-23) using 24 hour clock
11	time_minute	Set minutes for restart time.	minute in the format MM(00-59)
12	day_of_month	Set day of the month.	Calendar day of the month.
13	send_email_report	***Enable/Disable send email report.***	Boolean choice.
14	block_type	Set block Traffic type 0(block all traffic) 1(block all traffic except email)	Block traffic type.
15	send_email_alert	Enable/Disable send email alert.	Boolean choice.

4.22 system usb usb1 configure

S.No	Command Name	Description	Type and Description
1	save	Save Configurable OPTION settings.	
2	exit	Save configurable OPTION settings and exit current mode.	
3	cancel	Roll back Configurable OPTION settings	

		changes.	
4	enable	Enable USB1	Boolean choice.
5	printer_enable	Enable printer USB	Boolean choice.
6	Storage_enable	Enable Storage USB	Boolean choice.
7	usb_type	Select the USB type 3G_USB_ADAPTOR/USB_Disc	USB device type.

4.23 system usb usb2 configure

S.No	Command Name	Description	Type and Description
1	save	Save USB1 settings.	
2	exit	Save USB2 settings and exit current mode.	
3	cancel	Roll back changes to Configurable OPTION settings.	
4	enable	Enable USB2.	Boolean choice.
5	printer_enable	Enable printer.	Boolean choice.
6	Storage_enable	Enable USB2.	Boolean choice.
7	usb_type	Select the USB type 3G_USB_ADAPTOR/USB_Disc	USB device type.

4.24 system group add

S.No	Command Name	Description	Type and Description
1	save	Save system group configuration changes.	
2	exit	Save system group configuration changes and exit current mode.	
3	cancel	Roll back system group configuration changes.	
4	groupname	Enter the Group Name here.	String.
5	description	Enter a brief description of a group here.	String.
6	Privilege_Type	Select the privilege type for a group.	
7	Privilege_Type Admin	Give ADMIN privilege to a group.	Boolean choice.
8	Privilege_Type sslvpn	Give sslvpn privilege to a group.	Boolean choice.

9	Privilege_Type L2TP	Give L2TP privilege to a group.	Boolean choice.
10	Privilege_Type Pptp	Give Pptp privilege to a group.	Boolean choice.
11	Privilege_Type Xauth	Give Xauth privilege to a group.	Boolean choice.
12	Privilege_Type Guest	Give Guest privilege to a group.	Boolean choice.
13	Privilege_Type RuntimeAuth	Give RuntimeAuth privilege to a group.	Boolean choice.
14	grouptimeOut	Enter the time out for a group.	Idle timeout value for user.
15	SSLVPN_Settings	SSLVPN configuration for a group.	String Supported authentication type.

4.25 system group edit *<row_id>*

S.No	Command Name	Description	Type and Description
1	*<row_id>*	System group edit mode.	Unsigned integer.
2	save	Save system group configuration changes.	
3	exit	Save system group configuration changes and exit current mode.	
4	cancel	Roll back system group configuration changes.	
5	description	Enter a brief description of a group here.	String.

4.26 system group delete *<row_id>*

S.No	Command Name	Description	Type and Description
1	*<row_id>*	Delete system group's mode.	Unsigned integer

4.27 system users add

S.No	Command Name	Description	Type and Description
1	save	Save changes to system user configuration.	
2	exit	Save changes to system user configuration and exit current mode.	
3	cancel	Roll back changes to system user configuration.	
4	username	Enter username here.	String.

5	FirstName	Enter the user's first name here.	String.
6	LastName	Enter the user's last name here.	String.
7	password	Enter the password here.	String.
8	password_confirm	Re-Enter the password here.	String.
9	groupname	Enter the group name here.	String.

4.28 system users edit *<row_id>*

S.No	Command Name	Description	Type and Description
1	*<row_id>*	Edit mode for system users.	Unsigned integer.
2	save	Save changes to the system user's configuration.	
3	exit	Save changes to the system user's configuration and exit current mode.	
4	cancel	Roll back changes to the system user's configuration.	
5	FirstName	Enter the user's first name here.	String.
6	LastName	Enter the user's last name here.	String.
7	change_password	Change the user's password.	String. String. String.

4.29 system users delete *<row_id>*

S.No	Command Name	Description	Type and Description
1	*<row_id>*	Delete system user mode.	Unsigned integer.

4.30 system group groupaccesscontrol configure <group_id>

S.No	Command Name	Description	Type and Description
1	*<group_id>*	Group access control configuration.	Unsigned integer.
2	save	Save changes to group access control configuration.	
3	exit	Save changes to group	

		access control configuration and exit current mode.	
4	cancel	Roll back changes to group access control configuration.	
5	deny_login	Deny login.	Boolean choice.
6	deny_login_Option	Deny login option.	Boolean choice.
7	allow_login_from_defined_ips	Login from IP.	Boolean choice.
8	allow_login_from_defined_browsers	Login from browser.	Boolean choice.

4.31 system group access_control_browser add

S.No	Command Name	Description	Type and Description
1	save	Save configuration changes to the group access control browser.	
2	exit	Save configuration changes to the group access control browser and exit current mode.	
3	cancel	Roll back configuration changes to the group access control browser.	
4	group_id	Group id.	Unsigned integer.
5	browser_name	Browser name.	Supported browsers.

4.32 system group access_control_browser delete *<row_id>*

S.No	Command Name	Description	Type and Description
1	*<row_id>*	Delete a browser from the Access Control browser list.	Unsigned integer.

4.33 system group access_control_ip add

S.No	Command Name	Description	Type and Description
1	save	Save changes to group access control IP configuration.	

2	exit	Save changes to group access control IP configuration and exit current mode.	
3	cancel	Roll back changes to group access control IP configuration.	
4	group_id	Group ID.	Unsigned integer.
5	address_type	Address type.	Source address type for users IP policy.
6	source_address	Set the source address.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
7	mask_length	Set the source network mask length.	Number in range of 1 to 32

4.34 system group access_control_ip delete *<row_id>*

S.No	Command Name	Description	Type and Description
1	*<row_id>*	Delete an IP from Access Control IPS list.	Unsigned integer.

5.0 Configuration commands under branch UTIL

5.1 util system_check ping *<ip_address>*

S.No	Command Name	Description	Type and Description
1	*<ip_address>*	Ping an Internet Address.	String.

5.2 util system_check dns_lookup *<dns>*

S.No	Command Name	Description	Type and Description
1	*<dns>*	Retrieves the IP address of a Web, FTP, Mail or any other Server on the Internet.	String.

5.3 util system_check traceroute *<ip_address>*

S.No	Command Name	Description	Type and Description
1	*<ip_address>*	Display all the routers present between the destination IP address and this router.	String.

5.4 util system_check capturePackets start *<interface>*

S.No	Command Name	Description	Type and Description

1	*<interface>*	Start the packet capture.	Enter "**util system_check capturePackets avail_interfaces"** command to get the available interfaces for packet capture.

5.5 util system_check capturePackets download *<fileName> <ipAddr>*

S.No	Command Name	Description	Type and Description
1	*<fileName> <ipAddr>*	Download the packet capture to the host machine.	String IP address AAA.BBB.CCC.DDD where each part is in the range 0-255

5.6 util schedule-reboot *<enable_reboot>*

S.No	Command Name	Description	Type and Description
1	*<enable_reboot>*	Reboot the system.	Boolean choice.

5.7 util usb_test *<ipAddr> <fileName>*

S.No	Command Name	Description	Type and Description
1	*<ipAddr> <fileName>*	To test the USB.	String.

5.8 util backup_configuration *<fileName> <ipAddr>*

S.No	Command Name	Description	Type and Description
1	*<fileName> <ipAddr>*	Download the backup configuration file to the host machine.	String IP address AAA.BBB.CCC.DDD where each part is in the range 0-255

5.9 util restore_configuration *<IpAddr> <FileName>*

S.No	Command Name	Description	Type and Description
1	*<IpAddr> <FileName>*	For restoring the configuration.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255 String.

5.10 util firmware_upgrade *<IpAddr> <FileName>*

S.No	Command Name	Description	Type and Description
1	*<IpAddr> <FileName>*	For upgrading the firmware.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255 String.

6.0 Configuration commands under branch QOS

6.1 qos lan status

S.No	Command Name	Description	Type and Description
1	lan status	Displays the status of LAN QoS.	
2	lan enable	Enables QoS on LAN.	
3	lan disable	Disables QoS on LAN.	
4	lan trustmode	Configures trust mode configuration for the controller port.	
5	lan trustmode status	Shows the trust mode configuration in the controller.	
6	lan trustmode cos	Configures CoS based QoS for the controller port.	
7	lan trustmode dscp	Configures DSCP based QoS for the controller port.	
8	lan cos-map	Configures the CoS map for the controller port.	
9	lan trustmode cos enable	Configures trust mode CoS based QoS on LAN.	
10	lan trustmode dscp enable	Configures trust mode as DSCP QoS on LAN.	
11	lan cos-map show	Shows the CoS map for the LAN.	
12	lan cos-map configure	Configures CoS map for QoS.	
13	lan dscp-map	Configures the DSCP-map for the controller.	
14	lan dscp-map show	Displays DSCP priority mapping on controller.	
15	lan dscp-map configure	Configures DSCP map for QoS.	
16	lan cos-to-dscp-remarking enable	Enables CoS to DSCP remarking.	
17	lan cos-to-dscp-remarking disable	Disables CoS to DSCP remarking.	
18	lan queue	Queue scheduling and management configuration.	
19	lan queue management	LAN queue management configuration.	
20	lan queue management show	Shows queue management configuration.	
21	lan queue scheduling-algo	Configures queue scheduling algorithm.	
22	lan queue scheduling-algo set	Sets the queue scheduling algorithm on the LAN.	
23	lan queue scheduling-algo show	Shows the queue scheduling algorithm on the LAN.	

24	lan cos-to-dscp-remarking configure	Disables CoS to DSCP remarking.	

6.2 qos lan enable

S.No	Command Name	Description	Type and Description
1	lan status	Displays the status of LAN QoS.	
2	lan enable	Enables QoS on LAN.	
3	lan disable	Disables QoS on LAN.	
4	lan trustmode	Configures the trust mode configuration in the controller.	
5	lan trustmode status	Shows the trust mode configuration on the controller.	
6	lan trustmode cos	Configures CoS based QoS for a controller port.	
7	lan trustmode dscp	Configures DSCP based QoS for a controller port.	
8	lan cos-map	Configures a CoS map for the controller port.	
9	lan trustmode cos enable	Configures a trust mode CoS based QoS for LAN.	
10	lan trustmode dscp enable	Configures trust mode as DSCP QoS for LAN.	
11	lan cos-map show	Shows the CoS map for the LAN.	
12	lan cos-map configure	Configures CoS map for QoS.	
13	lan dscp-map	Configures the DSCP map for a controller.	
14	lan dscp-map show	Displays DSCP priority mapping on a controller.	
15	lan dscp-map configure	Configures DSCP map for QoS.	
16	lan cos-to-dscp-remarking enable	Enables CoS to DSCP remarking.	
17	lan cos-to-dscp-remarking disable	Disables CoS to DSCP remarking.	
18	lan queue	Queue scheduling and management configuration.	
19	lan queue management	LAN queue management configuration.	
20	lan queue management show	Shows a queue management configuration.	
21	lan queue scheduling-algo	Configures a queue scheduling algorithm.	
22	lan queue scheduling-algo set	Sets the queue scheduling algorithm on the LAN.	

23	lan queue scheduling-algo show	Shows the queue scheduling algorithm on the LAN.	
24	lan cos-to-dscp-remarking configure	Disables CoS to DSCP remarking.	

6.3 qos lan disable

S.No	Command Name	Description	Type and Description
1	lan status	Displays the status of LAN QoS.	
2	lan enable	Enables QoS on LAN.	
3	lan disable	Disables QoS on LAN.	
4	lan trustmode	Configures trust mode configuration for the controller.	
5	lan trustmode status	Shows the trust mode configuration on the controller.	
6	lan trustmode cos	Configures CoS based QoS for a controller port.	
7	lan trustmode dscp	Configures DSCP based QoS for a controller port.	
8	lan cos-map	Configures the CoS map for a controller port.	
9	lan trustmode cos enable	Configures trust mode CoS based QoS on LAN.	
10	lan trustmode dscp enable	Configures trust mode as DSCP QoS on LAN.	
11	lan cos-map show	Shows the CoS map for the LAN.	
12	lan cos-map configure	Configures CoS map for QoS.	
13	lan dscp-map	Configures a DSCP map for the controller.	
14	lan dscp-map show	Displays DSCP priority mapping on the controller.	
15	lan dscp-map configure	Configures DSCP map for QoS.	
16	lan cos-to-dscp-remarking enable	Enables CoS to DSCP remarking.	
17	lan cos-to-dscp-remarking disable	Disables CoS to DSCP remarking.	
18	lan queue	Queues scheduling and management configuration.	
19	lan queue management	LAN queue management configuration.	
20	lan queue management show	Queues management configuration show.	
21	lan queue scheduling-algo	Configures a queue scheduling algorithm.	

22	lan queue scheduling-algo set	Sets the queue scheduling algorithm in the LAN controller.	
23	lan queue scheduling-algo show	Shows the queue scheduling algorithm in the LAN controller.	
24	lan cos-to-dscp-remarking configure	Disables CoS to DSCP remarking.	

6.4 qos lan trustmode cos enable *<lanPort>*

S.No	Command Name	Description	Type and Description
1	*<lanPort>*	Configures CoS LAN, QoS has to be enabled first.	LAN port on the controller.
2	lan status	Displays the status of LAN QoS.	
3	lan enable	Enables QoS on LAN.	
4	lan disable	Disables QoS on LAN.	
5	lan trustmode	Configures trust mode configuration for the controller.	
6	lan trustmode status	Shows trust mode configuration in the controller.	
7	lan trustmode cos	Configures CoS based QoS for a controller port.	
8	lan trustmode dscp	Configures DSCP based QoS for a controller port.	
9	lan cos-map	Configures the CoS map for a controller port.	
10	lan trustmode cos enable	Configures a trust mode CoS based QoS on LAN.	
11	lan trustmode dscp enable	Configures trust mode as DSCP QoS on LAN.	
12	lan cos-map show	Shows the CoS map for LAN.	
13	lan cos-map configure	Configures CoS map for QoS.	
14	lan dscp-map	Configures the DSCP map for a controller port.	
15	lan dscp-map show	Displays DSCP priority mapping on controller.	
16	lan dscp-map configure	Configures DSCP map for QoS.	
17	lan cos-to-dscp-remarking enable	Enables CoS to DSCP remarking.	
18	lan cos-to-dscp-remarking disable	Disables CoS to DSCP remarking.	
19	lan queue	Queues scheduling and management configuration.	
20	lan queue management	LAN queue management	

		configuration.	
21	lan queue management show	Shows queue management configuration.	
22	lan queue scheduling-algo	Configures a queue scheduling algorithm.	
23	lan queue scheduling-algo set	Sets the queue scheduling algorithm on the LAN.	
24	lan queue scheduling-algo show	Shows the queue scheduling algorithm on the LAN.	
25	lan cos-to-dscp-remarking configure	Disables CoS to DSCP remarking.	

6.5 qos lan trustmode dscp enable *<lanPort>*

S.No	Command Name	Description	Type and Description
1	*<lanPort>*	Configures DSCP on LAN, QoS has to be enabled first.	Lan Port on the controller
2	lan status	Displays status of LAN QoS.	
3	lan enable	Enables QoS on LAN.	
4	lan disable	Disables QoS on LAN.	
5	lan trustmode	Configures trust mode configuration on the controller.	
6	lan trustmode status	Shows the trust mode configuration in the controller	
7	lan trustmode cos	Configures CoS based QoS on a controller port.	
8	lan trustmode dscp	Configures DSCP based QoS on a controller port.	
9	lan cos-map	Configures the CoS map on a controller port.	
10	lan trustmode cos enable	Configures trust mode CoS based QoS on LAN.	
11	lan trustmode dscp enable	Configures trust mode as DSCP QoS on LAN.	
12	lan cos-map show	Shows the CoS map for the LAN.	
13	lan cos-map configure	Configures CoS map for QoS.	
14	lan dscp-map	Configures the DSCP map for LAN the controller.	
15	lan dscp-map show	Displays DSCP priority mapping on the controller.	
16	lan dscp-map configure	Configures a DSCP map for QoS.	
17	lan cos-to-dscp-remarking enable	Enables COS to DSCP remarking.	

18	lan cos-to-dscp-remarking disable	Disables COS to DSCP remarking.	
19	lan queue	Queues scheduling and management configuration.	
20	lan queue management	The LAN queue management configuration.	
21	lan queue management show	Shows the queues management configuration.	
22	lan queue scheduling-algo	Configures queue scheduling algorithm.	
23	lan queue scheduling-algo set	Sets the queue scheduling algorithm on the LAN.	
24	lan queue scheduling-algo show	Shows the queue scheduling algorithm on the LAN.	
25	lan cos-to-dscp-remarking configure	Disables CoS to DSCP remarking.	

6.6 qos lan cos-map configure *<cosValue> <priorityQueue>*

S.No	Command Name	Description	Type and Description
1	*<cosValue> <priorityQueue>*	Configures a CoS map for QoS.	CoS value to be configured. Priority of the QoS Queue.
2	lan status	Displays the status of LAN QoS.	
3	lan enable	Enables QoS on LAN.	
4	lan disable	Disables QoS on LAN.	
5	lan trustmode	Configures trust mode configuration on the controller.	
6	lan trustmode status	Shows the trust mode configuration on the controller.	
7	lan trustmode cos	Configures CoS based QoS on a controller.	
8	lan trustmode dscp	Configures DSCP based QoS for a controller port.	
9	lan cos-map	Configures a CoS map for the controller port.	
10	lan trustmode cos enable	Configures a trust mode CoS based QoS on LAN.	
11	lan trustmode dscp enable	Configures trust mode as DSCP QoS on LAN.	
12	lan cos-map show	Shows the CoS map for LAN.	

13	lan cos-map configure	Configures CoS map for QoS.	
14	lan dscp-map	Configures a DSCP map for the controller.	
15	lan dscp-map show	Displays DSCP priority mapping for the controller.	
16	lan dscp-map configure	Configures DSCP map for QoS.	
17	lan cos-to-dscp-remarking enable	Enables CoS to DSCP remarking.	
18	lan cos-to-dscp-remarking disable	Disables CoS to DSCP remarking.	
19	lan queue	Queues scheduling and management configuration.	
20	lan queue management	LAN queue management configuration.	
21	lan queue management show	Shows queue management configuration.	
22	lan queue scheduling-algo	Configures a queue scheduling algorithm.	
23	lan queue scheduling-algo set	Sets the queue scheduling algorithm on the LAN.	
24	lan queue scheduling-algo show	Show the queue scheduling algorithm on the LAN.	
25	lan cos-to-dscp-remarking configure	Disables CoS to DSCP remarking.	

6.7 qos lan dscp-map configure *<dscpValue> <priorityQueue>*

S.No	Command Name	Description	Type and Description
1	*<dscpValue> <priorityQueue>*	Configures DSCP map for QoS.	DSCP value to be configured based on priority in the QoS queue.
2	lan status	Displays status of LAN QoS.	
3	lan enable	Enables QoS on LAN.	
4	lan disable	Disables QoS on LAN.	
5	lan trustmode	Configures trust mode configuration for the controller.	
6	lan trustmode status	Shows the trust mode configuration on the controller.	
7	lan trustmode cos	Configures CoS based QoS for a controller	

		port.	
8	lan trustmode dscp	Configures DSCP based QoS for a controller port.	
9	lan cos-map	Configures the CoS map for a controller port.	
10	lan trustmode cos enable	Configures trust mode CoS based QoS on LAN.	
11	lan trustmode dscp enable	Configures trust mode as DSCP QoS on LAN.	
12	lan cos-map show	Shows the CoS map for LAN.	
13	lan cos-map configure	Configures CoS map for QoS.	
14	lan dscp-map	Configures the DSCP map on the controller.	
15	lan dscp-map show	Displays DSCP priority mapping on the controller.	
16	lan dscp-map configure	Configures DSCP map for QoS.	
17	lan cos-to-dscp-remarking enable	Enables CoS to DSCP. Remarking.	
18	lan cos-to-dscp-remarking disable	Disables CoS to DSCP remarking.	
19	lan queue	Queue scheduling and management configuration.	
20	lan queue management	LAN queue management configuration.	
21	lan queue management show	Shows queue management configuration.	
22	lan queue scheduling-algo	Configures queue scheduling algorithm.	
23	lan queue scheduling-algo set	Sets the queue scheduling algorithm for the LAN.	
24	lan queue scheduling-algo show	Shows queue scheduling algorithm on	

		the LAN.	
25	lan cos-to-dscp-remarking configure	Disables CoS to DSCP remarking.	

6.8 qos lan cos-to-dscp-remarking enable

S.No	Command Name	Description	Type and Description
1	lan status	Displays status of LAN QoS.	
2	lan enable	Enables QoS on LAN.	
3	lan disable	Disables QoS on LAN.	
4	lan trustmode	Configures trust mode configuration for the controller.	
5	lan trustmode status	Shows trust mode configuration on the controller.	
6	lan trustmode cos	Configures CoS based QoS for a controller port.	
7	lan trustmode dscp	Configures DSCP based QoS for a controller port.	
8	lan cos-map	Configures a CoS map for a controller port.	
9	lan trustmode cos enable	Configures a trust mode CoS based QoS on LAN.	
10	lan trustmode dscp enable	Configures a trust mode as DSCP QoS on LAN.	
11	lan cos-map show	Shows a CoS map for LAN.	
12	lan cos-map configure	Configures CoS map for QoS.	
13	lan dscp-map	Configures a DSCP map for the controller.	
14	lan dscp-map show	Displays DSCP priority mapping on the controller.	
15	lan dscp-map configure	Configures a DSCP map for QoS.	
16	lan cos-to-dscp-remarking enable	Enables CoS to DSCP remarking.	
17	lan cos-to-dscp-remarking disable	Disables CoS to DSCP remarking.	
18	lan queue	Queues scheduling and management configuration.	
19	lan queue management	LAN queue management configuration.	
20	lan queue management show	Shows a queue management configuration.	
21	lan queue scheduling-algo	Configures a queue scheduling algorithm.	

22	lan queue scheduling-algo set	Sets the queue scheduling algorithm on the LAN.	
23	lan queue scheduling-algo show	Shows the queue scheduling algorithm on the LAN.	
24	lan cos-to-dscp-remarking configure	Disables CoS to DSCP remarking.	

6.9 qos lan cos-to-dscp-remarking disable

S.No	Command Name	Description	Type and Description
1	lan status	Displays the status of LAN QoS.	
2	lan enable	Enables QoS on LAN.	
3	lan disable	Disables QoS on LAN.	
4	lan trustmode	Configures trust mode configuration on the controller.	
5	lan trustmode status	Shows trust mode configuration on the controller.	
6	lan trustmode cos	Configures a CoS based QoS on a controller port.	
7	lan trustmode dscp	Configures DSCP based QoS for a controller port.	
8	lan cos-map	Configures a CoS map for a controller port.	
9	lan trustmode cos enable	Configures a trust mode CoS based QoS on LAN.	
10	lan trustmode dscp enable	Configures trust mode as DSCP QoS on LAN.	
11	lan cos-map show	Shows a CoS map for LAN.	
12	lan cos-map configure	Configures a CoS map for QoS.	
13	lan dscp-map	Configures a DSCP map for the controller.	
14	lan dscp-map show	Displays DSCP priority mapping on the controller.	
15	lan dscp-map configure	Configures a DSCP map for QoS.	
16	lan cos-to-dscp-remarking enable	Enables CoS to DSCP remarking.	
17	lan cos-to-dscp-remarking disable	Disables CoS to DSCP remarking.	
18	lan queue	Queues scheduling and management configuration.	
19	lan queue management	LAN queue management configuration.	
20	lan queue management show	Shows the queue management configuration.	

21	lan queue scheduling-algo	Configures the queue scheduling algorithm.	
22	lan queue scheduling-algo set	Sets the queue scheduling algorithm on the LAN.	
23	lan queue scheduling-algo show	Shows the queue scheduling algorithm on the LAN.	
24	lan cos-to-dscp-remarking configure	Disables CoS to DSCP remarking.	

6.10 qos lan cos-to-dscp-remarking status

S.No	Command Name	Description	Type and Description
1	lan status	Displays the status of LAN QoS.	
2	lan enable	Enables QoS on LAN.	
3	lan disable	Disables QoS on LAN.	
4	lan trustmode	Configures trust mode configuration on the controller.	
5	lan trustmode status	Shows trust mode configuration on the controller.	
6	lan trustmode cos	Configures a CoS based QoS for the controller port.	
7	lan trustmode dscp	Configures a DSCP based QoS for the controller port.	
8	lan cos-map	Configures a CoS map for the controller port.	
9	lan trustmode cos enable	Configures a trust mode CoS based QoS on LAN.	
10	lan trustmode dscp enable	Configures trust mode as DSCP QoS on LAN.	
11	lan cos-map show	Shows a CoS map for LAN.	
12	lan cos-map configure	Configures a CoS map for QoS.	
13	lan dscp-map	Configures a DSCP map for the controller.	
14	lan dscp-map show	Displays DSCP priority mapping for the controller.	
15	lan dscp-map configure	Configures a DSCP map for QoS.	
16	lan cos-to-dscp-remarking enable	Enables CoS to DSCP remarking.	
17	lan cos-to-dscp-remarking disable	Disables CoS to DSCP remarking.	
18	lan queue	Queues a scheduling and management configuration.	
19	lan queue management	LAN queue management configuration.	

20	lan queue management show	Shows a queue management configuration.	
21	lan queue scheduling-algo	Configures a queue scheduling algorithm.	
22	lan queue scheduling-algo set	Sets a queue scheduling algorithm on the LAN.	
23	lan queue scheduling-algo show	Shows a queue scheduling algorithm in the LAN.	
24	lan cos-to-dscp-remarking configure	Disables CoS to DSCP remarking.	

6.11 qos lan cos-to-dscp-remarking configure <*cosValue*> <*dscpValue*>

S.No	Command Name	Description	Type and Description
1	<*cosValue*> <*dscpValue*>	Configures CoS to DSCP remarking.	CoS value to be configured. DSCP value to be configured.
2	lan status	Displays the status of LAN QoS.	
3	lan enable	Enables QoS on LAN.	
4	lan disable	Disables Qos on LAN.	
5	lan trustmode	Configures trust mode configuration on the controller.	
6	lan trustmode status	Shows trust mode configuration on the controller.	
7	lan trustmode cos	Configures a CoS based QoS on a controller port.	
8	lan trustmode dscp	Configures a DSCP based QoS on a controller port.	
9	lan cos-map	Configures a CoS map for the controller port.	
10	lan trustmode cos enable	Configures trust mode CoS based QoS on LAN.	
11	lan trustmode dscp enable	Configures trust mode as DSCP QoS on LAN.	
12	lan cos-map show	Shows a CoS map for LAN.	
13	lan cos-map configure	Configures a CoS map for QoS.	
14	lan dscp-map	Configures a DSCP map for the controller.	
15	lan dscp-map show	Displays DSCP priority mapping for a controller.	

16	lan dscp-map configure	Configures a DSCP map for QoS.	
17	lan cos-to-dscp-remarking enable	Enables CoS to DSCP remarking.	
18	lan cos-to-dscp-remarking disable	Disables CoS to DSCP remarking.	
19	lan queue	Queue scheduling and management configuration.	
20	lan queue management	LAN queue management configuration.	
21	lan queue management show	Shows the queue management configuration.	
22	lan queue scheduling-algo	Configures a queue scheduling algorithm.	
23	lan queue scheduling-algo set	Sets a queue scheduling algorithm for the LAN.	
24	lan queue scheduling-algo show	Shows a queue scheduling algorithm for the LAN.	
25	lan cos-to-dscp-remarking configure	Disables CoS to DSCP remarking.	

6.12 qos lan queue scheduling-algo set <*sched-algo*>

S.No	Command Name	Description	Type and Description
1	*<sched-algo>*	Sets a queue scheduling algorithm for the LAN.	Selects a QoS Scheduling Algorithm type.
2	lan status	Displays the status of LAN QoS.	
3	lan enable	Enables QoS on LAN.	
4	lan disable	Disables QoS on LAN.	
5	lan trustmode	Configures trust mode configuration on the controller.	
6	lan trustmode status	Shows trust mode configuration on the controller.	
7	lan trustmode cos	Configures a CoS based QoS on a controller port.	
8	lan trustmode dscp	Configures a DSCP based QoS on a controller port.	
9	lan cos-map	Configures a CoS map for the controller port.	
10	lan trustmode cos enable	Configures a trust mode CoS based QoS on LAN.	
11	lan trustmode dscp	Configures trust mode as a	

	enable	DSCP QoS on LAN.	
12	lan cos-map show	Shows the CoS map for LAN.	
13	lan cos-map configure	Configures a CoS map for QoS.	
14	lan dscp-map	Configures a DSCP map for the controller.	
15	lan dscp-map show	Displays DSCP priority mapping on a controller.	
16	lan dscp-map configure	Configures a DSCP map for QoS.	
17	lan cos-to-dscp-remarking enable	Enables CoS to DSCP remarking.	
18	lan cos-to-dscp-remarking disable	Disables CoS to DSCP remarking.	
19	lan queue	Queue scheduling and management configuration.	
20	lan queue management	LAN queue management configuration.	
21	lan queue management show	Shows queue management configuration.	
22	lan queue scheduling-algo	Configures a queue scheduling algorithm.	
23	lan queue scheduling-algo set	Sets the queue scheduling algorithm in the LAN.	
24	lan queue scheduling-algo show	Shows a queue scheduling algorithm in the LAN.	
25	lan cos-to-dscp-remarking configure	Disables CoS to DSCP remarking.	

7.0 Configuration commands under branch NET

7.1 net bandwidth profile enable <*enable*>

S.No	Command Name	Description	Type and Description
1	<*enable*>	It allows you to enable/disable bandwidth profiles.	Boolean choice

7.2 net bandwidth profile add

S.No	Command Name	Description	Type and Description
1	save	Saves bandwidth profile configuration changes.	
2	exit	Saves bandwidth profile configuration changes and exits current mode.	
3	cancel	Rolls back bandwidth profile	

		configuration changes.	
4	name	Unique profile name.	String.
5	type	Profile type, priority or rate.	Bandwidth profile type.
6	priority	Priority.	Bandwidth priority type.
7	minimum_rate	Minimum bandwidth provided by user.	Minimum bandwidth rate 0-Max bandwidth Kbps.
8	maximum_rate	Maximum bandwidth provided by user.	Maximum bandwidth rate 100-100000 Kbps.

7.3 net bandwidth profile edit *<row_id>*

S.No	Command Name	Description	Type and Description
1	*<row_id>*	It allows you to edit the bandwidth profile.	Unsigned integer.
2	save	Saves the bandwidth profile configuration changes.	
3	exit	Saves the bandwidth profile configuration changes and exits current mode.	
4	cancel	Rolls back bandwidth profile configuration changes.	
5	name	Unique profile name.	String.
6	type	Profile type, priority or rate.	Bandwidth profile type.
7	priority	Priority.	Bandwidth priority type.
8	minimum_rate	Minimum bandwidth provided by user.	Minimum bandwidth rate 0-Max bandwidth Kbps.
9	maximum_rate	Maximum bandwidth provided by user.	Maximum bandwidth rate 100-100000 Kbps.

7.4 net bandwidth profile delete *<row_id>*

S.No	Command Name	Description	Type and Description
1	*<row_id>*	It allows you to delete a bandwidth profile.	Unsigned integer.

7.5 net bandwidth traffic_selector add

S.No	Command Name	Description	Type and Description
1	save	Saves traffic selector configuration changes.	
2	exit	Saves traffic selector configuration changes and exits current mode.	
3	cancel	Rolls back traffic selector configuration changes.	
4	profile_name	Profile name.	String.
5	service_name	Service name.	String.
6	match_type	IP /MAC address.	Traffic selector match type.
7	ip_address	IP address.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
8	mac_address	MAC address.	MAC address AA:BB:CC:DD:EE:FF where each part is in the range 00-FF
9	port_name	Port name.	Traffic selectors and port types.
10	vlan_id	Vlan ID.	Unsigned integer.

7.6 net bandwidth traffic_selector edit *<row_id>*

S.No	Command Name	Description	Type and Description
1	*<row_id>*	It allows you to edit a traffic selector for a bandwidth profile.	Unsigned integer.
2	save	Saves traffic selector configuration changes.	
3	exit	Saves traffic selector configuration changes and exits current mode.	
4	cancel	Rolls back traffic selector configuration changes.	
5	profile_name	Profile name.	String.
6	service_name	Service name.	

			String.
7	match_type	IP /MAC address.	Traffic selector match type.
8	ip_address	IP address.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
9	mac_address	MAC address.	MAC address AA:BB:CC:DD:EE:FF where each part is in the range 00-FF
10	port_name	Port Name.	Traffic selectors port types.
11	vlan_id	Vlan ID.	Unsigned integer.

7.7 net bandwidth traffic_selector delete *<row_id>*

S.No	Command Name	Description	Type and Description
1	*<row_id>*	It allows you to delete a traffic selector for a bandwidth profile.	Unsigned integer.

7.8 net lan dhcp reserved_ip configure *<mac_address>*

S.No	Command Name	Description	Type and Description
1	*<mac_address>*	DHCP reserved IPs add/edit mode.	MAC address AA:BB:CC:DD:EE:FF where each part is in the range 00-FF
2	save	Saves DHCP reserved IPs configuration changes.	
3	exit	Saves DHCP reserved IPs configuration changes and exits current mode.	
4	cancel	Rolls back DHCP reserved IPs configuration changes.	
5	ip_address	Sets IP address to be reserved.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255

7.9 net lan dhcp reserved_ip delete *<mac_address>*

S.No	Command Name	Description	Type and Description
1	*<mac_address>*	Deletes a specific	

		reserved IP entry.	MAC address AA:BB:CC:DD:EE:FF where each part is in the range 00-FF

7.10 net ethernet configure *<interface_name>*

S.No	Command Name	Description	Type and Description
1	*<interface_name>*	Ethernet configuration mode.	String.
2	save	Saves Ethernet configuration changes.	
3	exit	Saves Ethernet configuration changes and exit current mode.	
4	cancel	Rolls back configuration changes.	
5	vlan-enable	Enables/disables VLAN for this interface.	Boolean choice.
6	native-vlan	Enables/disables the native VLAN status.	Boolean choice.
7	vlanid	Set VLAN Id.	Unsigned integer

7.11 net lan ipv4 configure

S.No	Command Name	Description	Type and Description
1	save	Saves LAN configuration changes.	
2	exit	Saves LAN configuration changes and exits current mode.	
3	cancel	Rolls back LAN configuration changes.	
4	static	Configures LAN Settings.	
5	static address	Sets system LAN IP address.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
6	static subnet_mask	Sets a system LAN subnet mask.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
7	dhcp	Configures DHCP Settings.	
8	dhcp mode	Sets DHCP mode.	DHCPv4 modes.
9	dhcp start_address	Sets DHCP server’s start address.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255

10	dhcp end_address	Sets DHCP server's end address.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
11	dhcp default_gw	Sets DHCP default gateway.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
12	dhcp primary_dns	Sets a primary DNS server.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
13	dhcp secondary_dns	Sets a secondary DNS server.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
14	dhcp wins_server	Sets a WINS Server address.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
15	dhcp lease_time	Sets system lease time.	Number in range of 1 to 262800
16	dhcp domain_name	Sets the DHCP domain name.	String.
17	dhcp relay_gateway	Sets the DHCP relay gateway address.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
18	dns	Configures DNS settings.	
19	dns host_name	Configures DNS settings.	
20	dns host_name mapping	Configures DNS host name mapping.	
21	dns host_name mapping 1	Configures DNS host name mapping for the 1st row.	
22	dns host_name mapping 2	Configures DNS host name mapping for the 2nd Row.	
23	dns host_name mapping 3	Configures DNS host name mapping for the 3rd row.	
24	dns host_name mapping 4	Configures DNS host name mapping for the 4th row.	
25	dns host_name mapping 5	Configures DNS host name mapping for the 5th row.	
26	dns host_name mapping 6	Configures DNS host name mapping for the 6th row.	

27	dns host_name mapping 7	Configures DNS host name mapping for the 7th row.	
28	dns host_name mapping 8	Configures DNS host name mapping for the 8th row.	
29	dns host_name mapping 1 host_name	Sets host name.	String.
30	dns host_name mapping 1 ipaddress	Sets host name.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
31	dns host_name mapping 2 host_name	Sets host name.	String.
32	dns host_name mapping 2 ipaddress	Sets host name.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
33	dns host_name mapping 3 host_name	Sets host name.	String.
34	dns host_name mapping 3 ipaddress	Sets host name.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
35	dns host_name mapping 4 host_name	Sets host name.	String.
36	dns host_name mapping 4 ipaddress	Sets host name.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
37	dns host_name mapping 5 host_name	Sets host name.	String.
38	dns host_name mapping 5 ipaddress	Sets host name.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
39	dns host_name mapping 6 host_name	Sets host name.	String.
40	dns host_name mapping 6 ipaddress	Sets host name.	IP address AAA.BBB.CCC.DDD where each part is in the range

			0-255
41	dns host_name mapping 7 host_name	Sets host name.	String.
42	dns host_name mapping 7 ipaddress	Sets host name.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
43	dns host_name mapping 8 host_name	Sets host name.	String.
44	dns host_name mapping 8 ipaddress	Sets host name.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
45	proxy	Configures the LAN proxies.	
46	proxy dns_enable	Enables/Disables a DNS proxy.	Boolean choice.

7.12 net lan default_route configure

S.No	Command Name	Description	Type and Description
1	save	Saves configuration changes.	
2	exit	Saves configuration changes and exits current mode.	
3	cancel	Rolls back configuration changes.	
4	gateway	Please enter default route.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
5	enable	Enables the default route feature on LAN/VLAN.	Boolean choice.
6	enableSNAT	Enables SNAT in the interface for which a default route can be entered.	Boolean choice.
7	dnsServer	Please enter resolver IP address.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255

7.13 net lan ipv6 configure

S.No	Command Name	Description	Type and Description
1	save	Saves LAN	

		configuration changes.	
2	exit	Saves LAN configuration changes and exits current mode.	
3	cancel	Rolls back LAN configuration changes.	
4	static	Sets system LAN Settings.	
5	static address	Sets system LAN IP address.	IP address abcd:abcd:abcd:abcd:abcd:abcd:abcd:abcd where each part is in the range [0-9A-Fa-f:]
6	static prefix_value	Prefix length.	Unsigned integer.
7	dhcp	Sets system LAN Settings.	
8	dhcp server_enable	Sets DHCPv6 server status.	Boolean choice.
9	dhcp mode	DHCPv6 Mode	DHCPv6 mode.
10	dhcp domain_name	DHCP server domain name.	String.
11	dhcp server_preference	Server preference. number	Unsigned integer.
12	dhcp dns_type	DNS server type.	DHCPv6 DNS server types.
13	dhcp primary_dns	Primary DNS server.	IP address abcd:abcd:abcd:abcd:abcd:abcd:abcd:abcd where each part is in the range [0-9A-Fa-f:]
14	dhcp secondary_dns	Secondary DNS server.	IP address abcd:abcd:abcd:abcd:abcd:abcd:abcd:abcd where each part is in the range [0-9A-Fa-f:]
15	dhcp rebind_time	Rebind time.	Number in range of 0 to 604800

7.14 net lan ipv6 pool configure *<ipv6PoolStartAddr>*

S.No	Command Name	Description	Type and Description
1	*<ipv6PoolStartAddr>*	IPv6 LAN configuration	IP address

		add/edit mode.	abcd:abcd:abcd:abcd:abcd:abcd:abcd:abcd where each part is in the range [0-9A-Fa-f:]
2	save	Saves LAN configuration changes.	
3	exit	Saves LAN configuration changes and exits current mode.	
4	cancel	Rolls back LAN configuration changes.	
5	start_address	Sets DHCPv6 start IP address.	IP address abcd:abcd:abcd:abcd:abcd:abcd:abcd:abcd where each part is in the range [0-9A-Fa-f:]
6	end_address	Sets DHCPv6 end IP address.	IP address abcd:abcd:abcd:abcd:abcd:abcd:abcd:abcd where each part is in the range [0-9A-Fa-f:]
7	prefix_value	Prefix length.	Unsigned integer.

7.15 net lan ipv6 pool delete *<ipv6PoolStartAddr>*

S.No	Command Name	Description	Type and Description
1	*<ipv6PoolStartAddr>*	Deletes IPv6 LAN configuration.	IP address abcd:abcd:abcd:abcd:abcd:abcd:abcd:abcd where each part is in the range [0-9A-Fa-f:]

7.16 net mode configure

S.No	Command Name	Description	Type and Description
1	save	Saves IP Mode configuration changes.	
2	exit	Saves IP Mode configuration changes and exits current mode.	
3	cancel	Rolls back IP Mode configuration changes.	
4	ip_type	Selects IPv4 only or IPv4/IPv6 mode.	Selects the IP address type.

7.17 net port management configure *<portName>*

S.No	Command Name	Description	Type and

			Description
1	*<portName>*	Port management configuration mode.	Port name.
2	save	Saves port management configuration changes.	
3	exit	Saves port management configuration changes and exits current mode.	
4	cancel	Rolls back port management configuration changes.	
5	enable	Enables/Disables the port status.	Boolean choice.
6	auto_negotiation_enable	Allows the gateway and network to determine the optimal port settings.	Boolean choice
7	duplex_mode	Choose between Half Duplex and Full Duplex based on the port support. The default is Full Duplex for all ports.	select the duplex mode
8	speed	One of three port speeds can be selected: 10 Mbps, 100 Mbps and 1000 Mbps (i.e. 1 Gbps). The default setting is 1000 Mbps for all ports.	select the speed

7.18 net radvd configure

S.No	Command Name	Description	Type and Description
1	save	Saves radvd configuration changes.	
2	exit	Saves radvd configuration changes and exits current mode.	
3	cancel	Rolls back radvd configuration changes.	
4	enable	Enables the radvd process to allow stateless auto configuration of the IPv6 LAN network.	Boolean choice
5	mode	Selects N to send router advertisements (RA's) to all interfaces else Y	radvd advertisement mode type.
6	interval	The time in seconds between sending unsolicited multicast RA's. The default is 30 seconds.	PPPOE idle timeout Type.
7	flags	RA Flags.	
8	flags managed_enable	Enable to use the administered/stateful protocol for address auto configuration.	Boolean choice.
9	flags other_enable	When the other flag is selected the host uses administered/stateful protocol of other (i.e.	Boolean choice.

		non-address) Auto configuration information.	
10	preference	Choose between low/medium/high for the preference associated with this Controller's RADVD process	radvd preference type.
11	mtu	This is used in RA's to ensure all nodes on the network use the same MTU value in the cases where the LAN MTU is not well known. The default is 1500.	MTU size.
12	life_time	The lifetime in seconds of the route. The default is 3600 seconds.	Unsigned integer.

7.19 net radvd pool add

S.No	Command Name	Description	Type and Description
1	save	Saves the radvd Pool configuration changes.	
2	exit	Saves the radvd Pool configuration changes and exits current mode.	
3	cancel	Rolls back the radvd Pool configuration changes.	
4	prefix_type	Selects the prefix type either as 6to4 or Global/Local/ISATAP.	ipv6 prefix type.
5	sla_id	The SLA ID (Site-Level Aggregation Identifier) in the 6to4 address prefix is set for the interface ID on which the advertisements are sent.	Unsigned integer.
6	prefix_address	Specifies the IPv6 network address.	String.
7	prefix_length	The prefix length variable is a decimal value that indicates the number of contiguous, higher order bits of the address that make up the network portion of the address.	Unsigned integer.
8	prefix_life_time	The length of time over which the requesting router is allowed to use the prefix.	Unsigned integer.

7.20 net radvd pool edit *<row_id>*

S.No	Command Name	Description	Type and Description
1	*<row_id>*	radvd Pool configuration mode.	Unsigned integer.
2	save	Saves radvd Pool configuration changes.	
3	exit	Saves radvd Pool configuration changes and exits current mode.	
4	cancel	Rolls back radvd Pool configuration changes.	

5	prefix_type	Allows the prefix type to be selected as either 6to4 or Global/Local/ISATAP.	ipv6 prefix type.
6	sla_id	The SLA ID (Site-Level Aggregation Identifier) in the 6to4 address prefix is set for the interface ID on which the advertisements are sent.	Unsigned integer.
7	prefix_address	It specifies the IPv6 network address.	String.
8	prefix_length	The prefix length variable is a decimal value that indicates the number of contiguous, higher order bits of the address that make up the network portion of the address.	Unsigned integer.
9	prefix_life_time	The length of time over which the requesting router is allowed to use the prefix.	Unsigned integer.

7.21 net radvd pool delete *<row_id>*

S.No	Command Name	Description	Type and Description
1	*<row_id>*	radvd pool configuration mode.	Unsigned integer.

7.22 net routing dynamic configure

S.No	Command Name	Description	Type and Description
1	save	Saves dynamic route changes.	
2	exit	Saves dynamic routes changes and exits current mode.	
3	cancel	Rolls back RIP configuration changes.	
4	direction	RIP direction none, In only, out only, both.	RIP direction
5	version	Rip version	RIP version
6	authentication_enable	Enables/disables authentication for RIP-2B/2M.	Boolean choice.
7	first_key	First MD5 key.	
8	first_key id_number	First MD5 key Id.	Unsigned integer.
9	first_key authentication_id	First MD5 Authentication key.	String.
10	first_key valid_from	First MD5 key not valid before entered date.	
11	first_key valid_from month	Month in which MD5 authentication key validity starts.	Month in the format MM(01-12)

12	first_key valid_from day	Day in which MD5 authentication key validity starts.	Day in the format DD(01-31)
13	first_key valid_from year	Year in which MD5 authentication key validity starts.	Year.
14	first_key valid_from hour	Hour in which MD5 authentication key validity starts.	HH(00-23) using 24 hour clock
15	first_key valid_from minute	Minute in which MD5 authentication key validity starts.	Minute in the format MM(00-59)
16	first_key valid_from second	Second in which MD5 authentication key validity starts.	Second in the format SS(00-59)
17	first_key valid_to	First MD5 Key is not valid after entered date.	
18	first_key valid_to month	Month in which MD5 authentication key validity ends.	Month in the format MM(01-12)
19	first_key valid_to day	Day in which MD5 authentication key validity ends.	Day in the format DD(01-31)
20	first_key valid_to year	Year in which MD5 authentication key validity ends.	Year.
21	first_key valid_to hour	Hour in which MD5 authentication key validity ends.	HH(00-23) using 24 hour clock
22	first_key valid_to minute	Minute in which MD5 authentication key validity ends.	Minute in the format MM(00-59)
23	first_key valid_to second	Second in which MD5 authentication key validity ends.	Second in the format SS(00-59)
24	second_key	Second MD5 key parameters.	
25	second_key id_number	Second MD5 key ID.	Unsigned integer.
26	second_key authentication_id	Second MD5 authentication key.	String.
27	second_key valid_from	Second MD5 key not valid before entered date.	
28	second_key valid_to	Second MD5 key not valid after entered date.	
29	second_key valid_from month	Month in which MD5 authentication key validity starts.	Month in the format

			MM(01-12)
30	second_key valid_from day	Day in which MD5 authentication key validity starts.	Day in the format DD(01-31)
31	second_key valid_from year	Year in which MD5 authentication key validity starts.	Year.
32	second_key valid_from hour	Hour in which MD5 authentication key validity starts.	HH(00-23) using 24 hour clock
33	second_key valid_from minute	Minute in which MD5 authentication key validity starts.	Minute in the format MM(00-59)
34	second_key valid_from second	Second in which MD5 authentication key validity starts.	Second in the format SS(00-59)
35	second_key valid_to month	Month in which MD5 authentication key validity ends.	Month in the format MM(01-12)
36	second_key valid_to day	Day in which MD5 authentication key validity ends.	Day in the format DD(01-31)
37	second_key valid_to year	Year in which MD5 authentication key validity ends.	Year.
38	second_key valid_to hour	Hour in which MD5 authentication key validity ends.	HH(00-23) using 24 hour clock
39	second_key valid_to minute	Minute in which MD5 authentication key validity ends.	Minute in the format MM(00-59)
40	second_key valid_to second	Second in which MD5 authentication key validity ends.	Second in the format SS(00-59)

7.23 net routing static ipv4 configure <*name*>

S.No	Command Name	Description	Type and Description
1	<*name*>	Adds new static routes.	String.
2	save	Saves static route changes.	
3	exit	Saves static routes changes and exits current mode.	
4	cancel	Rolls back route configuration changes.	
5	destination_address	Sets the destination IP.	IP address AAA.BBB.CCC.DDD where each part is in the range

			0-255
6	subnet_mask	Sets the subnet for this rule.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
7	gateway_address	Sets the gateway IP.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
8	interface	Sets the interface for which the rule applies.	OPTION interface type.
9	metric	Sets the metric for this route.	Unsigned integer.
10	private_flag	Defines whether the route can be shared with other gateways when RIP is enabled.	Boolean choice.
11	active_flag	Defines whether it's an active route.	Boolean choice.

7.24 net routing static ipv6 configure <*name*>

S.No	Command Name	Description	Type and Description
1	<*name*>	Adds new IPV6 static routes.	String.
2	save	Saves IPV6 static route changes.	
3	exit	Saves IPV6 static route changes and exits current mode.	
4	cancel	Rolls back IPV6 route configuration changes.	
5	destination_address	Sets the IPV6 destination IP.	IP address abcd:abcd:abcd:abcd:abcd:abcd:abcd:abcd where each part is in the range [0-9A-Fa-f:]
6	prefix	Sets the prefix length for this rule.	Unsigned integer.
7	gateway_address	Sets the	

		gateway IPV6.	IP address abcd:abcd:abcd:abcd:abcd:abcd:abcd:abcd where each part is in the range [0-9A-Fa-f:]
8	interface	Sets the interface for which the rule applies.	Selects the IPV6 interface type.
9	metric	Sets the metric for this route.	Unsigned integer.
10	active_flag	Defines whether it's an active IPV6 route.	Boolean choice.

7.25 net routing static ipv4 delete <*name*>

S.No	Command Name	Description	Type and Description
1	<*name*>	Deletes a specific route.	String.

7.26 net routing static ipv6 delete <*name*>

S.No	Command Name	Description	Type and Description
1	<*name*>	Deletes a specific IPV6 route.	String.

7.27 net captivePortal billing_profile add

S.No	Command Name	Description	Type and Description
1	save	Saves captive portal billing profile configuration changes.	
2	exit	Saves captive portal billing profile changes and exits current mode.	
3	cancel	Rolls back configuration changes.	
4	profile_name	Each profile will be having a profile name to identify itself.	String.
5	profile_description	This is the description of the profile.	String.
6	allow_multiple_login	Checking this option will allow multiple users to use the same captive portal login credentials created for this profile to login simultaneously.	Boolean choice.
7	allow_customization_at_frontdesk	Allows a customized account on frontdesk, checking this option enables frontdesk users to give a customized account name for the	Boolean choice.

		captive portal users being created on that profile.	
8	allow_batch_frontdesk	Allows batch generation on frontdesk, checking this option enables frontdesk users to generate a batch of temporary CP users at one click.	Boolean choice.
9	session_timeout	Idle timeout for CP users generated for this profile.	Unsigned integer.
10	alert_customize	Shows alert messages on the login page while the rest of usage time/traffic is under a specified value.	
11	alert_customize type	The type (Hours/Days/MB/GB) of alert check that you want to specify.	
12	alert_customize value	Enter a value here in Hours/Days/MB/GB to get an alert message when usage time/traffic left reaches the desired limit.	Unsigned integer.
13	enable_begin_end_time	Limitations on duration basis.	Boolean choice.
14	valid_begin	There are 3 types of limiting user access by duration. Start While Account Created: Activate account when user is created. Start While Account Login: Activate account when the user first logs in using their credentials. Begin From: Activate account from this date.	
15	valid_begin start_created	Activates Start While Account Created.	
16	valid_begin start_login	Activates Start While Account Login.	
17	valid_begin_type	Selects between: Start While Account Created/Start While Account Login/Begin From	
18	valid_begin start_created type	Specifies the type (day/hours) of value.	
19	valid_begin start_created value	Specifies the Start Created Value. The account will expire after this	Unsigned

		value.	integer.
20	valid_begin start_login value	Specifies the Start Login Value. The account will expire after this value.	Unsigned integer.
21	valid_begin start_login type	Specifies the type(day/hours) of the value.	
22	valid_begin begin_time	Begin From.	String.
23	allow_modify_duration	Checking this option enables the frontdesk user to modify duration limits.	Boolean choice.
24	allow_modify_usage	Checking this option enables the frontdesk user to modify usage limits.	Boolean choice.
25	max_usage_time	Limits the time usage.	
26	max_usage_traffic	Limits the traffic usage.	
27	max_usage_time value	Specifies the max time usage value.	Unsigned integer.
28	max_usage_time enable	Maximum time a user can stay logged in before his account expires.	Boolean choice.
29	max_usage_time type	Specifies the type (day/hours) of the maximum time usage value.	
30	max_usage_traffic value	Specifies the max traffic usage value.	Unsigned integer.
31	max_usage_traffic enable	Maximum traffic users can use before his account expires.	Boolean choice.
32	max_usage_traffic type	Specifies the type(day/hours) of max traffic usage value.	

7.28 net captivePortal billing_profile edit *<row_id>*

S.No	Command Name	Description	Type and Description
1	*<row_id>*	Edits a billing profile.	Unsigned integer.
2	save	Saves captive portal billing profile configuration changes.	
3	exit	Saves captive portal billing profile changes and exits current mode.	
4	cancel	Rolls back configuration changes.	

5	profile_name	Each profile will be having a profile name to identify itself.	String.
6	profile_description	This is the description of the profile.	String.
7	allow_multiple_login	Checking this option will allow multiple users to use the same captive portal login credentials created for this profile to login simultaneously.	Boolean choice.
8	allow_customization_at_frontdesk	Allows a customized account on frontdesk, checking this option enables the frontdesk user to give a customized account name to the captive portal users being created on this profile.	Boolean choice.
9	allow_batch_frontdesk	Allows batch generation on frontdesk, checking this option enables frontdesk users to generate a batch of temporary CP users at one click.	Boolean choice.
10	session_timeout	Idle timeout for CP users generated for this profile.	Unsigned integer.
11	alert_customize	Shows an alert message on the login page while the rest of usage time/traffic is under a specified value.	
12	alert_customize type	The type(Hours/Days/MB/GB) of alert check you want to specify.	
13	alert_customize value	Enters a value here in Hours/Days/MB/GB to get an alert message when usage time/traffic left reaches the desired limit.	Unsigned integer.
14	enable_begin_end_time	Limitations on Duration basis.	Boolean choice.
15	valid_begin	There are 3 ways of limiting user access by duration. Start While Account Created: Activate account when user is created. Start While Account Login: Activate account when user first logs in using their credentials. Begin From: Activate account from this date.	

16	valid_begin start_created	Activates Start While Account Created.	
17	valid_begin start_login	Activates Start While Account Login.	
18	valid_begin_type	Select between: Start While Account Created, Start While Account Login, Begin From.	
19	valid_begin start_created type	Specifies the type (day/hours) of value.	
20	valid_begin start_created value	Specifies the usage period (hours or days) of this account that is activate when the account is created. The account will expire after this period.	Unsigned integer.
21	valid_begin start_login value	Specifies the usage period (hours or days) of this account that is activate when the user logs in for the first time. The account will expire after this period.	Unsigned integer.
22	valid_begin start_login type	Specifies the type (day/hours) of value.	
23	valid_begin begin_time	Specifies the account is active from a specific time and date.	String.
24	allow_modify_duration	Checking this option enables frontdesk users to modify duration limits.	Boolean choice.
25	allow_modify_usage	Checking this option enables frontdesk users to modify usage limits.	Boolean choice.
26	max_usage_time	Limits the time usage.	
27	max_usage_traffic	Limits the traffic usage.	
28	max_usage_time value	Value specifies the maximum time usage.	Unsigned integer.
29	max_usage_time enable	Maximum time users can stay logged in before the account expires.	Boolean choice.
30	max_usage_time type	Specifies the type (day/hours) of maximum time usage.	
31	max_usage_traffic value	Value specifies the maximum traffic usage.	Unsigned integer.
32	max_usage_traffic enable	Maximum traffic users can use before their account expires.	Boolean choice.

33	max_usage_traffic type	Specifies the type (day/hours) of max traffic usage value.	

7.29 net captivePortal billing_profile delete *<row_id>*

S.No	Command Name	Description	Type and Description
1	*<row_id>*	Deletes a Billing Profile.	Unsigned integer.

7.30 net port-vlan edit *<portname>*

S.No	Command Name	Description	Type and Description
1	*<portname>*	VLAN port name range 1-4.	Captive portal profile ID
2	save	Saves VLAN configuration changes.	
3	exit	Saves VLAN changes and exits current mode.	
4	cancel	Rolls back configuration changes.	
5	mode	Port VLAN mode.	Captive portal profile ID.
6	pvid	Port VLAN ID.	VLAN ID possible values.

7.31 net vlan-membership edit *<port>*

S.No	Command Name	Description	Type and Description
1	*<port>*	Net VLAN membership for the port.	Captive portal profile ID.
2	save	Saves VLAN membership configuration changes.	
3	cancel	Rolls back VLAN membership configuration changes.	
4	exit	Saves VLAN membership configuration changes and exits current mode.	
5	membership	VLAN membership list on this port.	
6	membership add	Add VLAN membership on this port. Use a comma to separate VLAN ID values.	String.
7	membership remove	Remove VLAN membership on this port. Use a comma to separate VLAN ID values.	String.

7.32 net multiVlan subnet edit *<vlanID>*

S.No	Command Name	Description	Type and Description

1	*<vlanID>*	Multi-VLAN server edit mode.	VLAN ID possible values.
2	save	Saves Multi-VLAN server configuration changes.	
3	cancel	Rolls back Multi-VLAN server configuration changes.	
4	exit	Saves Multi-VLAN server configuration changes and exits current mode.	
5	ip-address	IP of given Multi-VLAN subnet VLAN.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
6	subnet-mask	Add subnet mask for Multi-VLAN.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
7	dhcp-mode	Selects the DHCP Mode.	DHCPv4 modes.
8	domain-name	Domain name for VLAN.	String.
9	start-ip	Starting IP address of the DHCP mode.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
10	end-ip	Ending IP of the VLAN.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
11	default-gateway	Default gateway for the VLAN.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
12	primary-dns	Primary DNS for the VLAN.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
13	secondary-dns	Secondary DNS for the VLAN.	IP address AAA.BBB.CCC.DDD where each part is in the range 0-255
14	lease-time	Lease time for the VLAN.	Number in range of 1 to 24.
15	relay-gateway	Relay gateway for the VLAN.	IP address AAA.BBB.CCC.DDD

			where each part is in the range 0-255
16	enable-dns-proxy	Relay gateway for the VLAN.	Boolean choice.

7.33 net vlan config add *<vlan_id>*

S.No	Command Name	Description	Type and Description
1	*<vlan_id>*	Add a VLAN.	VLAN ID possible values.
2	save	Saves VLAN configuration changes.	
3	exit	Saves VLAN changes and exits current mode.	
4	cancel	Rolls back configuration changes.	
5	vlan-name	Name for VLAN.	String.
6	inter-vlan-routing	Enables/Disables inter-VLAN Routing.	Boolean choice.
7	showCP-profiles	Available captive portal profiles.	
8	captive-portal-type	Access type for the SSID to be configured.	Captive portal type for SSID.
9	permanent-user	Access type for permanent user.	
10	permanent-user auth-mode	Authentication server for user.	Authentication type for captive portal user.
11	permanent-user auth-type	Authentication type for user.	Radius authentication type.
12	permanent-user CP-profile	Captive portal profile for user.	Captive portal profile ID.
13	temporary-user	Access type is a temporary user.	
14	temporary-user CP-profile	Captive portal profile for user.	Captive portal profile ID.

7.34 net vlan config edit *<vlan_Id>*

S.No	Command Name	Description	Type and Description
1	*<vlan_Id>*	Edits a configured VLAN.	VLAN ID possible values.
2	save	Saves VLAN configuration changes.	
3	exit	Saves VLAN changes and exits current mode.	
4	cancel	Rolls back configuration changes.	

5	vlan-name	Name for VLAN.	String.
6	inter-vlan-routing	Enables/disables inter-VLAN routing.	Boolean choice.
7	showCP-profiles	Available captive portal profiles.	
8	captive-portal-type	Access Type for the SSID to be configured.	Captive Portal Type for SSID.
9	permanent-user	Access type for permanent user.	
10	permanent-user auth-mode	Authentication server for user.	Authentication type for captive portal user.
11	permanent-user auth-type	Authentication type for user.	Radius authentication type.
12	permanent-user CP-profile	Captive portal profile for user.	Captive portal profile ID.
13	temporary-user	Access type for temporary user.	
14	temporary-user CP-profile	Captive portal profile for user.	Captive portal profile ID.

7.35 net vlan config delete <*VlanId*>

S.No	Command Name	Description	Type and Description
1	<*VlanId*>	Delete a VLAN.	VLAN ID possible values