



APPENDIX A

Appendix A: Cisco Wireless LAN Controller Compatibility Matrix

The Cisco wireless LAN Solution command line interface (CLI) operates on all controllers. The commands that operate on any individual controller, like the Cisco Wireless LAN Controller Module (WLCM), are a subset of these commands. This compatibility matrix can be used to determine commands that are specific to individual controllers.

The following similarities are useful to note:

- The column for the WLCM controller also applies for the 2006 controller.
- The column for the 4400 series of controllers also applies for the 4100, which supports these features.

Appendix Legend:

•	Command exists on this controller.
----	Command does not exist on this controller.
	Command did not exist on specific controller when last reviewed.

Command Line Interface Syntax	WLCM	WiSM	4400
clear ap-config	•	•	•
clear arp	•	•	•
clear config	•	•	•
clear ext-webauth-url	•	•	•
clear redirect-url	•	•	•
clear stats mobility	•	•	•
clear stats port <i>port</i>	•	•	•
clear stats switch	•	•	•
clear transfer	•	•	•
clear traplog	•	•	•
clear webimage	•	•	•
clear webmessage	•	•	•
clear webtitle	•	•	•

Command Line Interface Syntax	WLCM	WiSM	4400
config {802.11a 802.11b} l2roam rf-params min-rssi <i>rssi-value</i> roam-hyst <i>hyst_value</i> scan-thres <i>thres_value</i> trans-time <i>time_value</i>	•	•	•
config 802.11a antenna extAntGain <i>antenna_gain</i> Cisco_AP	•	•	•
config 802.11a antenna diversity {enable sideA sideB} Cisco_AP	•	•	•
config 802.11a antenna mode {omni sectorA sectorB} Cisco_AP	•	•	•
config 802.11a antenna selection {internal external} Cisco_AP	•	•	•
config 802.11a beaconperiod <i>time_units</i>	•	•	•
config 802.11a channel {global {auto once off} Cisco_AP {global channel}}	•	•	•
config 802.11a disable {network Cisco_AP}	•	•	•
config 802.11a dtim <i>period</i>	•	•	•
config 802.11a dtpc {enable disable}	•	•	•
config 802.11a enable {network Cisco_AP}	•	•	•
config 802.11a fragmentation <i>threshold</i>	•	•	•
config 802.11a pico-cell {enable disable}	•	•	•
config 802.11a rate {disabled mandatory supported} <i>rate</i>	•	•	•
config 802.11a txPower {global {auto once <i>power_level</i>} Cisco_AP {global <i>power_level</i>}}	•	•	•
config 802.11b 11gSupport {enable disable}	•	•	•
config 802.11b antenna diversity {enable sideA sideB} Cisco_AP	•	•	•
config 802.11b antenna extAntGain <i>antenna_gain</i> Cisco_AP	•	•	•
config 802.11b antenna selection {internal external} Cisco_AP	•	•	•
config 802.11b beaconperiod <i>milliseconds</i>	•	•	•
config 802.11b channel {global {auto once off} {Cisco_AP {global channel}}}	•	•	•
config 802.11b disable {network Cisco_AP}	•	•	•
config 802.11b dtim <i>period</i>	•	•	•
config 802.11b dtpc {enable disable}	•	•	•
config 802.11b enable {network Cisco_AP}	•	•	•
config 802.11b fragmentation <i>threshold</i>	•	•	•
config 802.11b pico-cell {enable disable}	•	•	•
config 802.11b preamble {short long}	•	•	•
config 802.11b rate {disabled mandatory supported} <i>rate</i>	•	•	•
config 802.11b txPower {global {auto <i>power_level</i>} Cisco_AP {global <i>power_level</i>}}	•	•	•
config 802.11h channelswitch	•		•
config 802.11h powerconstraint	•		•
config 802.11h setchannel	•		•
config acl apply	•	•	•

Command Line Interface Syntax	WLCM	WiSM	4400
config acl create	•	•	•
config acl delete	•	•	•
config acl rule	•	•	•
config advanced 802.11a channel foreign {enable disable}	•	•	•
config advanced 802.11a channel load {enable disable}	•	•	•
config advanced 802.11a channel noise {enable disable}	•	•	•
config advanced 802.11a channel update	•	•	•
config advanced 802.11a factory	•	•	•
config advanced 802.11a group-mode {auto off}	•	•	•
config advanced 802.11a logging channel {on off}	•	•	•
config advanced 802.11a logging coverage {on off}	•	•	•
config advanced 802.11a logging foreign {on off}	•	•	•
config advanced 802.11a logging load {on off}	•	•	•
config advanced 802.11a logging noise {on off}	•	•	•
config advanced 802.11a logging performance {on off}	•	•	•
config advanced 802.11a logging txpower {on off}	•	•	•
config advanced 802.11a monitor channel-list {all country dca}	•	•	•
config advanced 802.11a monitor coverage <i>seconds</i>	•	•	•
config advanced 802.11a monitor load <i>seconds</i>	•	•	•
config advanced 802.11a monitor mode {enable disable}	•	•	•
config advanced 802.11a monitor noise <i>seconds</i>	•	•	•
config advanced 802.11a monitor signal <i>seconds</i>	•	•	•
config advanced 802.11a profile clients {global Cisco_AP} <i>clients</i>	•	•	•
config advanced 802.11a profile coverage {global Cisco_AP} <i>dBm</i>	•	•	•
config advanced 802.11a profile customize Cisco_AP {on off}	•	•	•
config advanced 802.11a profile exception {global Cisco_AP} <i>percent</i>	•	•	•
config advanced 802.11a profile foreign {global Cisco_AP} <i>percent</i>	•	•	•
config advanced 802.11a profile level {global Cisco_AP} <i>clients</i>	•	•	•
config advanced 802.11a profile noise {global Cisco_AP} <i>value</i>	•	•	•
config advanced 802.11a profile throughput {global Cisco_AP} <i>value</i>	•	•	•
config advanced 802.11a profile utilization {global Cisco_AP} <i>percent</i>	•	•	•
config advanced 802.11a receiver {default rxstart}	•	•	•
config advanced 802.11a txpower-update	•	•	•
config advanced 802.11b 7920VSIEConfig {call-admission-limit <i>limit</i> G711-CU-Quantum <i>quantum</i> }	•	•	•

Command Line Interface Syntax	WLCM	WiSM	4400
config advanced 802.11b channel foreign {enable disable}	•	•	•
config advanced 802.11b channel load {enable disable}	•	•	•
config advanced 802.11b channel noise {enable disable}	•	•	•
config advanced 802.11b channel update	•	•	•
config advanced 802.11b factory	•	•	•
config advanced 802.11b group-mode {auto off}	•	•	•
config advanced 802.11b logging channel {on off}	•	•	•
config advanced 802.11b logging coverage {on off}	•	•	•
config advanced 802.11b logging foreign {on off}	•	•	•
config advanced 802.11b logging load {on off}	•	•	•
config advanced 802.11b logging noise {on off}	•	•	•
config advanced 802.11b logging performance {on off}	•	•	•
config advanced 802.11b logging txpower {on off}	•	•	•
config advanced 802.11b monitor channel-list {all country dca}	•	•	•
config advanced 802.11b monitor coverage <i>seconds</i>	•	•	•
config advanced 802.11b monitor load <i>seconds</i>	•	•	•
config advanced 802.11b monitor mode {enable disable}	•	•	•
config advanced 802.11b monitor noise <i>seconds</i>	•	•	•
config advanced 802.11b monitor signal <i>seconds</i>	•	•	•
config advanced 802.11b profile clients {global <i>Cisco_AP</i>} <i>clients</i>	•	•	•
config advanced 802.11b profile coverage {global <i>Cisco_AP</i>} <i>dBm</i>	•	•	•
config advanced 802.11b profile customize <i>Cisco_AP</i> {on off}	•	•	•
config advanced 802.11b profile exception {global <i>Cisco_AP</i>} <i>percent</i>	•	•	•
config advanced 802.11b profile foreign {global <i>Cisco_AP</i>} <i>percent</i>	•	•	•
config advanced 802.11b profile level {global <i>Cisco_AP</i>} <i>clients</i>	•	•	•
config advanced 802.11b profile noise {global <i>Cisco_AP</i>} <i>dBm</i>	•	•	•
config advanced 802.11b profile throughput {global <i>Cisco_AP</i>} <i>rate</i>	•	•	•
config advanced 802.11b profile utilization {global <i>Cisco_AP</i>} <i>percent</i>	•	•	•
config advanced 802.11b receiver {default rxstart}	•	•	•
config advanced 802.11b txpower-update	•	•	•
config advanced client-handoff <i>num_of_retries</i>	•	•	•
config advanced statistics {enable disable}	•	•	•
config advanced timers ap-discovery-timeout <i>seconds</i>	•	•	•
config advanced timers ap-heartbeat-timeout <i>seconds</i>	•	•	•
config advanced timers auth-timeout <i>seconds</i>	•	•	•

Command Line Interface Syntax	WLCM	WiSM	4400
config advanced timers eap-timeout <i>seconds</i>	----	•	•
config advanced timers eap-identify-request-delay	----		----
config ap add <i>MAC port {enable disable} IP_address</i>	----	•	•
config ap bhrate {11a 11b 11g}	•	•	•
config ap bhrate <i>rate Cisco_AP</i>	•	•	•
config ap bridgegroupname {set <i>groupname</i> delete} <i>Cisco_AP</i>	•	•	•
config ap bridging {enable disable} <i>Cisco_AP</i>	•	•	•
config ap core-dump {enable <i>IP_address filename {compress uncompress}</i> disable} { <i>Cisco_AP</i> all}	•	•	•
config ap crash-file clear-all	•	•	•
config ap crash-file delete <i>filename</i>	•	•	•
config ap crash-file get-crash-file <i>Cisco_AP</i>	•	•	•
config ap crash-file get-radio-core-dump <i>Slot_ID Cisco_AP</i>	•	•	•
config ap delete <i>MAC</i>	----	•	•
config ap disable <i>Cisco_AP</i>	•	•	•
config ap enable <i>Cisco_AP</i>	•	•	•
config ap group-name <i>groupname Cisco_AP</i>	•	•	•
config ap led-state {enable disable} <i>Cisco_AP</i>	•	•	•
config ap location <i>location Cisco_AP</i>	•	•	•
config ap mode {local reap monitor rogue sniffer bridge} <i>Cisco_AP</i>	•	•	•
config ap name <i>new_name old_name</i>	•	•	•
config ap port <i>MAC port</i>	----	•	•
config ap power injector {enable disable} <i>Cisco_AP MAC</i>	•	•	•
config ap power pre-standard {enable disable} <i>Cisco_AP</i>	•	•	•
config ap primary-base <i>controller_name Cisco_AP</i>	•	•	•
config ap remote-debug {enable disable exc-command <i>cmd</i> } <i>Cisco_AP</i>	•	•	•
config ap reporting-period <i>period</i>	•	•	•
config ap reset <i>Cisco_AP</i>	•	•	•
config ap role {rooftop poletop auto} <i>Cisco_AP</i>	•	•	•
config ap rst-button {enable disable} <i>Cisco_AP</i>	•	•	•
config ap secondary-base <i>controller_name Cisco_AP</i>	•	•	•
config ap sniff 802.11a {enable disable} <i>channel ip_address Cisco_AP</i>	•	•	•
config ap sniff 802.11b {enable disable} <i>channel ip_address Cisco_AP</i>	•	•	•
config ap static-ip {enable disable} <i>Cisco_AP ip_address net_mask gateway</i>	•	•	•

Command Line Interface Syntax	WLCM	WiSM	4400
config ap stats-timer <i>period Cisco_AP</i>	•	•	•
config ap tertiary-base <i>controller_name Cisco_AP</i>	•	•	•
config ap tftp-downgrade <i>IP_address filename Cisco_AP</i>	•	•	•
config ap wlan {add delete enable disable} {802.11a 802.11b} <i>wlan_id Cisco_AP</i>	•	•	•
config auth-list add {mic ssc} <i>AP_MAC [AP_key]</i>	•	•	•
config auth-list ap-policy {authorize-ap {enable disable} ssc {enable disable}}	•	•	•
config auth-list delete <i>AP_MAC</i>	•	•	•
config boot {primary backup}	•	•	•
config certificate {generate {webadmin webauth} compatibility {on off}}	•	•	•
config client deauthenticate <i>MAC</i>	•	•	•
config country <i>country_code</i>	•	•	•
config custom-web ext-webauth-mode {enable disable}	•	•	•
config custom-web ext-webauth-url <i>URL</i>	•	•	•
config custom-web ext-webserver {add delete} <i>index IP_address</i>	----	•	•
config custom-web redirectUrl <i>URL</i>	•	•	•
config custom-web weblogo {enable disable}	•	•	•
config custom-web webmessage <i>message</i>	•	•	•
config custom-web webtitle <i>title</i>	•	•	•
config database <i>size</i>	•	•	•
config dhcp address-pool	•	•	•
config dhcp create-scope	•	•	•
config dhcp default-router	•	•	•
config dhcp delete-scope	•	•	•
config dhcp disable	•	•	•
config dhcp dns-servers	•	•	•
config dhcp domain	•	•	•
config dhcp enable	•	•	•
config dhcp lease	•	•	•
config dhcp netbios-name-server	•	•	•
config dhcp network	•	•	•
config exclusionlist {add delete description}	•	•	•
config interface acl {ap-manager management <i>interface_name</i> } {ACL none}	•	•	•

Command Line Interface Syntax	WLCM	WiSM	4400
config interface address { ap-manager <i>IP_address netmask gateway</i> management <i>IP_address netmask gateway</i> service-port <i>IP_address netmask</i> virtual <i>IP_address</i> <i>interface-name IP_address netmask gateway</i> }	•	•	•
config interface ap-manager <i>interface_name</i> { enable disable }	----	•	•
config interface create <i>interface_name vlan-id</i>	•	•	•
config interface delete <i>interface-name</i>	•	•	•
config interface dhcp { ap-manager <i>server1 [server2]</i> management <i>server1 [server2]</i> service-port { enable disable } <i>interface-name server1 [server2]</i> }	•	•	•
config interface hostname virtual <i>DNS_host</i>	•	•	•
config interface port { ap-manager management <i>interface_name</i> } <i>port1 [port2]</i>	•	•	•
config interface vlan { ap-manager management <i>interface-name</i> } <i>vlan</i>	•	•	•
config known ap { add alert delete } <i>MAC</i>	•	•	•
config load-balancing { status { enable disable } window <i>clients</i> }	•	•	•
config location add <i>location [description]</i>	•	•	•
config location delete <i>location</i>	•	•	•
config location description <i>location_name description</i>	•	•	•
config location disable	•	•	•
config location enable	•	•	•
config location interface-mapping { add <i>location_name wlan_id interface_name</i> delete <i>location_name wlan_id</i> }	•	•	•
config login session close { <i>session_id</i> all }	•	•	•
config macfilter add	•	•	•
config macfilter delete	•	•	•
config macfilter description	•	•	•
config macfilter interface	•	•	•
config macfilter mac-delimiter	•	•	•
config macfilter radius-compat { cisco free other }	•	•	•
config macfilter wlan-id <i>MAC wlan_id</i>	•	•	•
config mgmtuser add <i>username password</i> { read-write read-only } [<i>description</i>]	•	•	•
config mgmtuser delete <i>username</i>	•	•	•
config mgmtuser description <i>username description</i>	•	•	•
config mgmtuser password <i>username password</i>	•	•	•
config mobility group anchor { add delete } <i>wlan_id IP_address</i>	•	•	•
config mobility group domain <i>domain_name</i>	•	•	•

Command Line Interface Syntax	WLCM	WiSM	4400
config mobility group member {add <i>MAC IP_address [group_name]</i> delete <i>MAC</i> }	•	•	•
config mobility secure-mode {enable disable}	----	•	•
config mobility statistics reset	•	•	•
config msglog level critical	•	•	•
config msglog level error	•	•	•
config msglog level security	•	•	•
config msglog level verbose	•	•	•
config msglog level warning	•	•	•
config nac acl {none <i>acl-name</i> }	•	•	•
config nac add <i>index IP_address port secret</i>	•	•	•
config nac delete	•		•
config nac disable	•		•
config nac enable	•		•
config netuser add <i>username password wlan_id [description]</i>	•	•	•
config netuser delete <i>username</i>	•	•	•
config netuser description <i>username description</i>	•	•	•
config netuser maxUserLogin <i>count</i>	•	•	•
config netuser password <i>username password</i>	•	•	•
config netuser wlan-id <i>username wlan_id</i>	•	•	•
config network allow-old-bridge-aps {enable disable}	•	•	•
config network ap-fallback {enable disable}	•	•	•
config network apple-talk {enable disable}	----	•	•
config network arptimeout <i>seconds</i>	•	•	•
config network arpunicast {enable disable}	•	•	•
config network bridging-shared-secret <i>shared_secret</i>	•	•	•
config network broadcast {enable disable}			
config network fast-ssid-change {enable disable}	•	•	•
config network master-base {enable disable}	•	•	•
config network mgmt-via-wireless {enable disable}	•	•	•
config network multicast global {enable disable}	•	•	•
config network otap-mode {enable disable}	•	•	•
config network peer-blocking {enable disable}	•	•	•
config network rf-network-name <i>name</i>	•	•	•
config network secureweb {enable disable}	•	•	•
config network ssh {enable disable}	•	•	•
config network telnet {enable disable}	•	•	•
config network usertimeout <i>seconds</i>	•	•	•

Command Line Interface Syntax	WLCM	WiSM	4400
config network web-auth-port <i>port</i>	•	•	•
config network webmode {enable disable}	•	•	•
config network zero-config {enable disable}	•	•	•
config pmk-cache delete {all <i>MAC</i> }	•	•	•
config port adminmode {all <i>port</i> } {enable disable}	•	•	•
config port autoneg {all <i>port</i> } {enable disable}	----	•	•
config port linktrap {all <i>port</i> } {enable disable}	•	•	•
config port multicast appliance <i>port</i> {enable disable}	----	•	•
config port physicalmode {all <i>port</i> } {100h 100f 10h 10f}	----	•	•
config port power {all <i>port</i> } {enable disable}	•	•	•
config prompt	•	•	•
config qos queue_length {bronze silver gold platinum} <i>length</i>	•	•	•
config radius acct add <i>index ip_address port</i> {ascii hex} <i>secret</i>	•	•	•
config radius acct delete <i>index</i>	•	•	•
config radius acct disable <i>index</i>	•	•	•
config radius acct enable <i>index</i>	•	•	•
config radius acct network <i>index</i>	•	•	•
config radius acct ipsec authentication {hmac-md5 hmac-sha1} <i>index</i>	•	•	•
config radius acct ipsec disable <i>index</i>	•	•	•
config radius acct ipsec enable <i>index</i>	•	•	•
config radius acct ipsec encryption {3des aes des}	•	•	•
config radius acct ipsec ike {dh-group {group-1 group-2 group-5} lifetime <i>seconds</i> phase1 {aggressive main}} <i>index</i>	•	•	•
config radius acct network <i>index</i> {enable disable}	•	•	•
config radius acct retransmit-timeout <i>index timeout</i>	•	•	•
config radius auth add <i>index ip_address port</i> {ascii hex} <i>secret</i>	•	•	•
config radius auth delete <i>index</i>	•	•	•
config radius auth disable <i>index</i>	•	•	•
config radius auth enable <i>index</i>	•	•	•
config radius auth ipsec authentication {hmac-md5 hmac-sha1} <i>index</i>	•	•	•
config radius auth ipsec disable <i>index</i>	•	•	•
config radius auth ipsec enable <i>index</i>	•	•	•
config radius auth ipsec encryption {3des aes des} <i>index</i>	•	•	•
config radius auth ipsec ike {dh-group {group-1 group-2 group-5} lifetime <i>seconds</i> phase1 {aggressive main}} <i>index</i>	•	•	•
config radius auth management <i>index</i> {enable disable}	•	•	•

Command Line Interface Syntax	WLCM	WiSM	4400
config radius auth network <i>index</i> {enable disable}	•	•	•
config radius auth retransmit-timeout <i>index timeout</i>	•	•	•
config radius auth rfc3576 {enable disable} <i>index</i>	•	•	•
config radius backward compatibility {enable disable}	•	•	•
config radius callStationIdType {ipAddr macAddr ap-macAddr}	•	•	•
config rfid auto-timeout {enable disable}	•	•	•
config rfid status {enable disable}	•	•	•
config rfid timeout <i>seconds</i>	•	•	•
config rogue adhoc {acknowledged alert contain} <i>MAC</i>	•	•	•
config rogue ap {acknowledged alert contain known} <i>MAC</i>	•	•	•
config rogue client {alert contain} <i>MAC</i>	•	•	•
config route add <i>ip_address netmask gateway</i>	----	•	•
config route delete <i>ip_address</i>	----	•	•
config serial baudrate {1200 2400 4800 9600 19200 38400 57600 115200}	•	•	•
config serial timeout <i>minutes</i>	•	•	•
config sessions maxsessions <i>session_num</i>	•	•	•
config sessions timeout <i>timeout</i>	•	•	•
config snmp community accessmode {ro rw} <i>name</i>	•	•	•
config snmp community create <i>name</i>	•	•	•
config snmp community delete <i>name</i>	•	•	•
config snmp community ipaddr <i>ip_address ip_mask name</i>	•	•	•
config snmp community mode {enable disable} <i>name</i>	•	•	•
config snmp syscontact <i>contact</i>	•	•	•
config snmp syslocation <i>location</i>	•	•	•
config snmp trapreceiver create <i>name ip_address</i>	•	•	•
config snmp trapreceiver delete <i>name</i>	•	•	•
config snmp trapreceiver mode {enable disable} <i>name</i>	•	•	•
config snmp v3user create <i>username</i> {ro rw} {none hmacmd5 hmacsha} {none des} [<i>auth_key</i>] [<i>encrypt_key</i>]	•	•	•
config snmp v3user delete <i>username</i>	•	•	•
config snmp version {v1 v2 v3} {enable disable}	•	•	•
config spanningtree port mode {off 802.1d fast} {port all}	----	•	•
config spanningtree port pathcost {cost auto} {port all}	----	•	•
config spanningtree port priority <i>priority_num port</i>	----	•	•
config spanningtree switch bridgepriority <i>priority_num</i>	----	•	•
config spanningtree switch forwarddelay <i>seconds</i>	----	•	•

Command Line Interface Syntax	WLCM	WiSM	4400
config spanningtree switch hellotime <i>seconds</i>	----	•	•
config spanningtree switch maxage <i>seconds</i>	----	•	•
config spanningtree switch mode {enable disable}	----	•	•
config switchconfig flowcontrol {enable disable}	•	•	•
config switchconfig mode {L2 L3}	----	•	•
config syslog { <i>ip_address</i> disable}	•	•	•
config sysname	•	•	•
config time manual <i>MM/DD/YY HH:MM:SS</i>	•	•	•
config time ntp {interval <i>seconds</i> server <i>index ip_address</i> }	•	•	•
config time timezone {enable disable} <i>delta_hours delta_mins</i>	•	•	•
config trapflags 802.11-Security wepDecryptError {enable disable}	•	•	•
config trapflags aaa {auth servers} {enable disable}	•	•	•
config trapflags ap {register interfaceUp} {enable disable}	•	•	•
config trapflags authentication {enable disable}	•	•	•
config trapflags client {802.11-disassociate 802.11-deauthenticate 802.11-authfail 802.11-assocfail excluded} {enable disable}	•	•	•
config trapflags configsave {enable disable}	•	•	•
config trapflags ipsec {esp-auth esp-reply invalidSPI ike-neg suite-neg invalid-cookie} {enable disable}	•	•	•
config trapflags linkmode {enable disable}	•	•	•
config trapflags multiusers {enable disable}	•	•	•
config trapflags rogueap {enable disable}	•	•	•
config trapflags rrm-params {tx-power channel antenna} {enable disable}	•	•	•
config trapflags rrm-profile {load noise interference coverage} {enable disable}	•	•	•
config trapflags stpmode {enable disable}	----	•	•
config trapflags wps {enable disable}	•	•	•
config watchlist add {mac <i>MAC</i> username <i>username</i> }	•	•	•
config watchlist delete {mac <i>MAC</i> username <i>username</i> }	•	•	•
config watchlist disable	•	•	•
config watchlist enable	•	•	•
config wlan 7920-support {ap-cac-limit client-cac-limit} {enable disable} <i>wlan_id</i>	•	•	•
config wlan 802.11e {allow disable require} <i>wlan_id</i>	•	•	•
config wlan aaa-override {enable disable} { <i>wlan_id</i> foreignAp}	•	•	•
config wlan broadcast-ssid {enable disable} <i>wlan_id</i>	•	•	•
config wlan create { <i>wlan_id wlan_name</i> foreignAp}	•	•	•

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config wlan delete { <i>wlan_id</i> foreignAp }	•	•	•
config wlan dhcp_server { <i>wlan_id</i> foreignAp } <i>ip_address</i> [required]	•	•	•
config wlan disable { <i>wlan_id</i> foreignAp }	•	•	•
config wlan enable { <i>wlan_id</i> foreignAp }	•	•	•
config wlan exclusionlist { <i>wlan_id</i> foreignAp } { enabled disabled <i>seconds</i> }	•	•	•
config wlan interface { <i>wlan_id</i> foreignAp } <i>interface-name</i>	•	•	•
config wlan IPv6support { enable disable } <i>wlan_id</i>	•	•	•
config wlan mac-filtering { enable disable } { <i>wlan_id</i> foreignAp }	•	•	•
config wlan mobility anchor { add delete } <i>wlan_id ip_address</i>	•	•	•
config wlan qos { <i>wlan_id</i> foreignAp } { bronze silver gold platinum }	•	•	•
config wlan radio <i>wlan_id</i> { all 802.11a 802.11bg 802.11g 802.11ag }	•	•	•
config wlan radius_server { auth acct } { add <i>wlan_id server_id</i> delete <i>wlan_id</i> { all <i>server_id</i> } }	•	•	•
config wlan security 802.1X { enable disable encryption } { <i>wlan_id</i> foreignAp } [40 104 128]	•	•	•
config wlan security cranite { enable disable } { <i>wlan_id</i> foreignAp }	----	•	•
config wlan security fortress { enable disable } { <i>wlan_id</i> foreignAp }	----	•	•
config wlan security ipsec authentication { hmac-md5 hmac-sha-1 } { <i>wlan_id</i> foreignAp }	----	•	•
config wlan security ipsec config qotd <i>ip_address</i> { <i>wlan_id</i> foreignAp }	----	•	•
config wlan security ipsec disable { <i>wlan_id</i> foreignAp }	----	•	•
config wlan security ipsec enable { <i>wlan_id</i> foreignAp }	----	•	•
config wlan security ipsec encryption { 3des aes des } { <i>wlan_id</i> foreignAp }	----	•	•
config wlan security ipsec ike authentication { certificates pre-share-key xauth-psk } { <i>wlan_id</i> foreignAp } [<i>key</i>]	----	•	•
config wlan security ipsec ike contivity { enable disable } { <i>wlan_id</i> foreignAp }	----	•	•
config wlan security ipsec ike dh-group { <i>wlan_id</i> foreignAp } { group-1 group-2 group-5 }	----	•	•
config wlan security ipsec ike lifetime { <i>wlan_id</i> foreignAp } <i>seconds</i>	----	•	•
config wlan security ipsec ike phase1 { aggressive main } { <i>wlan_id</i> foreignAp }	----	•	•

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config wlan security l2tp authentication {hmac-md5 hmac-sha-1} <i>wlan_id</i>	----	•	•
config wlan security l2tp disable <i>wlan_id</i>	----	•	•
config wlan security l2tp enable <i>wlan_id</i>	----	•	•
config wlan security l2tp encryption {3des aes des} <i>wlan_id</i>	----	•	•
config wlan security l2tp ike dh-group <i>wlan_id</i> {group-1 group-2 group-5}	----	•	•
config wlan security l2tp ike lifetime <i>wlan_id</i> <i>seconds</i>	----	•	•
config wlan security l2tp ike phase1 main <i>wlan_id</i>	----	•	•
config wlan security passthru {enable disable} { <i>wlan_id</i> foreignAp } [<i>ip_address</i>]	•	•	•
config wlan security static-wep-key authentication {shared-key open} <i>wlan_id</i>	•	•	•
config wlan security static-wep-key disable <i>wlan_id</i>	•	•	•
config wlan security static-wep-key enable <i>wlan_id</i>	•	•	•
config wlan security static-wep-key encryption <i>wlan_id</i> {40 104 128} {hex ascii} <i>key</i> <i>key-index</i>	•	•	•
config wlan security web-auth {acl enable disable} { <i>wlan_id</i> foreignAp } [{ <i>acl_name</i> none}]	•	•	•
config wlan security web-passthrough acl { <i>wlan_id</i> foreignAp } { <i>acl_name</i> none}	•	•	•
config wlan security web-passthrough disable { <i>wlan_id</i> foreignAp }	•	•	•
config wlan security web-passthrough email-input {enable disable} { <i>wlan_id</i> foreignAp }	•	•	•
config wlan security web-passthrough enable { <i>wlan_id</i> foreignAp }	•	•	•
config wlan security wpa1 disable <i>wlan_id</i>	•	•	•
config wlan security wpa1 enable <i>wlan_id</i>	•	•	•
config wlan security wpa1 pre-shared-key {enable disable} <i>wlan_id</i> <i>key</i>	•	•	•
config wlan security wpa2 disable <i>wlan_id</i>	•	•	•
config wlan security wpa2 enable <i>wlan_id</i>	•	•	•
config wlan security wpa2 pre-shared-key {enable disable} <i>wlan_id</i> <i>key</i>	•	•	•
config wlan security wpa2 tkip {enable disable} <i>wlan_id</i>	•	•	•
config wlan security wpa2 wpa-compatible {enable disable} <i>wlan_id</i>	•	•	•
config wlan timeout { <i>wlan_id</i> foreignAp } <i>seconds</i>	•	•	•
config wlan wmm {allow disable require} <i>wlan_id</i>	•	•	•
debug aaa	•		•
debug airewave-director	•		•

Command Line Interface Syntax	WLCM	WiSM	4400
debug arp	•		•
debug bcast	•		•
debug crypto			•
debug dhcp	•		•
debug disable-all	•		•
debug dot11	•		•
debug dot1x	•		•
debug l2age	•		•
debug lwapp	•		•
debug mac	•		•
debug mobility	•		•
debug nac	•		•
debug ntp	•		•
debug pem	•		•
debug pm	•		•
debug poe	•		•
debug rbc	•		•
debug snmp	•		•
debug transfer	•		•
debug wcp	•	•	•
debug wps	•	•	•
save config	•	•	•
transfer download certpassword	•	•	•
transfer download datatype	•	•	•
transfer download filename <i>filename</i>	•	•	•
transfer download mode tftp	•	•	•
transfer download path <i>path</i>	•	•	•
transfer download serverip <i>ip_address</i>	•	•	•
transfer download start	•	•	•
transfer download tftpMaxRetries <i>retries</i>	•	•	•
transfer download tftpPktTimeout <i>timeout</i>	•	•	•
transfer encrypt {enable disable set-key <i>key</i> }	•	•	•
transfer upload datatype {config crashfile errorlog radio-core-dump signature systemtrace traplog}	•	•	•
transfer upload filename <i>filename</i>	•	•	•
transfer upload mode tftp	•	•	•
transfer upload path <i>path</i>	•	•	•
transfer upload serverip <i>ip_address</i>	•	•	•

Command Line Interface Syntax	WLCM	WiSM	4400
transfer upload start	•	•	•
show 802.11a	•	•	•
show 802.11b	•	•	•
show 802.11h	•	•	•
show acl	•	•	•
show advanced 802.11a channel	•	•	•
show advanced 802.11a group	•	•	•
show advanced 802.11a logging	•	•	•
show advanced 802.11a monitor	•	•	•
show advanced 802.11a profile	•	•	•
show advanced 802.11a receiver	•	•	•
show advanced 802.11a summary	•	•	•
show advanced 802.11a txpower	•	•	•
show advanced 802.11b channel	•	•	•
show advanced 802.11b group	•	•	•
show advanced 802.11b logging	•	•	•
show advanced 802.11b monitor	•	•	•
show advanced 802.11b profile	•	•	•
show advanced 802.11b receiver	•	•	•
show advanced 802.11b summary	•	•	•
show advanced 802.11b txpower	•	•	•
show advanced client-handoff	•	•	•
show advanced eap	•		•
show advanced max-1x-sessions	•		•
show advanced probe-limit	•		•
show advanced rate	•		•
show advanced send-disassoc-on-handoff	•		•
show advanced statistics	•	•	•
show advanced timers	•	•	•
show advanced timers eap-identity-request-delay	----	----	----
show ap auto-rf	•	•	•
show ap bhmode	•		•
show ap bhrate	•		•
show ap config	•	•	•
show ap core-dump	•	•	•
show ap crash-file	•	•	•
show ap stats	•	•	•

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show ap summary	•	•	•
show ap wlan	•	•	•
show arp switch	•	•	•
show auth-list	•	•	•
show boot	•	•	•
show certificate compatibility	•	•	•
show certificate summary	•	•	•
show client ap	•	•	•
show client detail	•	•	•
show client summary	•	•	•
show client username	•	•	•
show country	•	•	•
show cpu	•	•	•
show custom-web	•	•	•
show database summary	•	•	•
show debug	•	•	•
show dhcp	•	•	•
show eventlog	•	•	•
show exclusionlist	•	•	•
show ike	•	•	•
show interface	•	•	•
show inventory	•	•	•
show ipsec	•	•	•
show known ap	•	•	•
show l2tp	•	•	•
show load-balancing	•	•	•
show location summary	•	•	•
show loginsession	•	•	•
show macfilter	•	•	•
show mesh linkrate	•	•	•
show mesh neigh	•	•	•
show mesh path	•	•	•
show mesh stats	•	•	•
show mesh summary	•	•	•
show mgmtuser	•	•	•
show mobility anchor	•	•	•
show mobility statistics	•	•	•

Command Line Interface Syntax	WLCM	WiSM	4400
show mobility summary	•	•	•
show msglog	•	•	•
show nac statistics	•	•	•
show nac summary	•	•	•
show netuser	•	•	•
show network summary	•	•	•
show pmk-cache	•	•	•
show port	•	•	•
show qos queue_length all	•	•	•
show radius acct statistics	•	•	•
show radius auth statistics	•	•	•
show radius rfc3576 statistics	•	•	•
show radius summary	•	•	•
show rfid config	•	•	•
show rfid detail	•	•	•
show rfid summary	•	•	•
show rogue adhoc detailed	•	•	•
show rogue adhoc summary	•	•	•
show rogue ap clients	•	•	•
show rogue ap detailed	•	•	•
show rogue ap summary	•	•	•
show rogue client detailed	•	•	•
show rogue client summary	•	•	•
show route summary	•	•	•
show rules	•	•	•
show run-config	•	•	•
show serial	•	•	•
show sessions	•	•	•
show snmpcommunity	•	•	•
show snmptrap	•	•	•
show snmpv3user	•	•	•
show snmpversion	•	•	•
show spanningtree port	----	•	•
show spanningtree switch	----	•	•
show stats port	•	•	•
show stats switch	•	•	•
show switchconfig	•	•	•

Command Line Interface Syntax	WLCM	WiSM	4400
show sysinfo	•	•	•
show syslog	•	•	•
show tech-support	•	•	•
show time	•	•	•
show trapflags	•	•	•
show traplog	•	•	•
show watchlist	•	•	•
show wlan	•	•	•
show wps	•		•