



APPENDIX **A**

List of Supported Cisco IOS Commands

This appendix lists the Cisco IOS commands that access points and bridges support. Cisco IOS commands that are not in this list have not been tested on access points and bridges and might not be supported.

Commands related to wireless LANs are described in [Chapter 2, “Cisco IOS Commands for Access Points and Bridges”](#) and appear in blue in this list. You can click those commands to browse to a description of the command. You can find descriptions and usage instructions for the rest of the commands in this list in the *Cisco IOS Release 12.3 Master Indexes*. Click this URL to browse to the master indexes:

<http://www.cisco.com/univercd/cc/td/doc/product/software/ios123/index.htm>

A

aaa accounting
aaa accounting delay-start
aaa accounting update
aaa authentication
aaa authentication login
[aaa authentication login default local cache](#)
[aaa authorization exec default local cache](#)
[aaa cache profile](#)
[aaa pod server](#)
aaa new-model
aaa pod server access-class



Note The **access-class** command is supported only on access points that have a console port.

access-list
[accounting \(SSID configuration mode\)](#)

admission-control (QOS Class interface configuration mode)



Note This command is not supported on repeaters.

admit-traffic (SSID configuration mode)



Note This command is not supported on repeaters.

admit-traffic (QOS Class interface configuration mode)



Note This command is not supported on repeaters.

anonymous-id (dot1x credentials configuration mode)

antenna

ampdu

archive download-sw

archive upload

arp

authentication (local server configuration mode)

authentication client

authentication key-management

authentication network-eap (SSID configuration mode)

authentication open (SSID configuration mode)

authentication shared (SSID configuration mode)

B

beacon

beacon privacy guest-mode

boot buffersize

boot ios-break

boot mode-button

boot upgrade

bridge



Note The **bridge 1 protocol ieee** command is not supported on access points and bridges. You cannot disable this command unless you reboot the unit.

bridge aging-time

bridge forward-time

bridge hello-time
bridge max-age
bridge priority
bridge protocol ieee
bridge-group block-unknown-source
bridge-group input-address-list
bridge-group input-pattern-list
bridge-group input-type-list
bridge-group output-address-list
bridge-group output-pattern-list
bridge-group output-type-list
bridge-group path-cost
bridge-group port-protected
bridge-group priority
bridge-group spanning-disabled
bridge-group subscriber-loop-control
bridge-group source-learning
bridge-group unicast-flooding
broadcast-key

C

cache authentication profile
cache authorization profile
cache expiry
cca
cd
cdp enable
cdp holdtime
cdp run
cdp timer
channel
channel-match (LBS configuration mode)
class-map
clear access-list counters
clear cdp counters
clear cdp table
clear dot11 aaa authentication mac-authen filter-cache

clear dot11 cckm-statistics
 clear dot11 client
 clear dot11 ids mfp client statistics
 clear dot11 hold-list
 clear dot11 statistics
 clear eap sessions
 clear iapp rogue-ap-list
 clear iapp statistics
 clear ip igmp snooping membership
 clear logging
 clear vlan
 clear wlcsp wds
 clear wlcsp wds recovery statistics
 clock timezone
 clock summer-time
 concatenation
 configure terminal
 copy
 countermeasure tkip hold-time
 crypto pki authenticate
 crypto pki enroll
 crypto pki import
 crypto pki trustpoint
 cw-max (QOS Class interface configuration mode)
 cw-min (QOS Class interface configuration mode)

D

databits



Note The **databits** command is supported only on access points that have a console port.

debug aaa pod
 debug cdp adjacency
 debug cdp events
 debug cdp packets
 debug dot11
 debug dot11 aaa

`debug dot11 cac`



Note This command is not supported on repeaters.

`debug dot11 dot11radio`

`debug dot11 ids`

`debug dot11 ids mfp`

`debug eap`

`debug iapp`

`debug interface fastethernet`

`debug ip http authentication`

`debug ip http ssi`

`debug ip http tokens`

`debug ip http transactions`

`debug ip http url`

`debug ip igmp snooping`

`debug radius local-server`

`debug vlan packets`

`debug wlccp ap`

`debug wlccp ap mn---tbd`

`debug wlccp ap rm enhanced-neighbor-list`

`debug wlccp packet`

`debug wlccp rmlib`

`debug wlccp wds`

`delete`

`description (dot1x credentials configuration mode)`

`dfs band`

`dir`

`disable`

`disconnect`

`distance`

`dot11 aaa authentication attributes service-type login-only`

`dot11 aaa authentication mac-authen filter-cache`

`dot11 aaa csid`

`dot11 activity-timeout`

`dot11 adjacent-ap age-timeout`

`dot11 antenna-alignment`

`dot11 arp-cache`

dot11 arp-cache
dot11 extension aironet
dot11 extension power native
dot11 holdoff-time
dot11 ids eap attempts
dot11 ids mfp
dot11 igmp snooping-helper
dot11 lbs
dot11 linktest
dot11 location isocc
dot11 mbssid
dot11 meter
dot11 network-map
dot11 phone
dot11 priority-map avvid
dot11 qos class
dot11 ssid
dot11 update-group-key
dot11 vlan-name
dot11 wpa handshake timeout
dot1x credentials
dot1x eap profile (configuration interface mode)
dot1x eap profile (SSID configuration mode)
dot1x reauth-period
dot1x timeout supp-response
duplex

E

eap profile
eapfast authority
eapfast pac expiry
eapfast server-key
enable
encapsulation dot1q
encryption
encryption key
encryption mode ciphers

encryption mode wep
end
erase
exception core-file
exception crashinfo buffersize
exception crashinfo file
exception dump
exception flash
exception memory
exec-timeout
exit

F

fair-queue
fixed-slot (QOS Class interface configuration mode)
format
fragment-threshold
full-duplex

G

group (local server configuration mode)
guard-interval
guest-mode (SSID configuration mode)

H

half-duplex
help
hold-queue
holdoff-time
hostname

I

iapp standby mac-address
iapp standby poll-frequency

[iapp standby primary-shutdown](#)
[iapp standby timeout](#)
[ids mfp client](#)
[information-element ssidl \(SSID configuration mode\)](#)
[infrastructure-client](#)
[infrastructure-ssid \(SSID configuration mode\)](#)
[interface](#)
[interface dot11 \(LBS configuration mode\)](#)
[interface dot11radio](#)
[interface fastethernet](#)

**Caution**

Access points and bridges do not support the **interface loopback** command. Configuring a loopback interface might generate an IAPP GENINFO storm on your network.

[interface virtual-dot11Radio](#)
[ip access-group](#)
[ip access-list](#)
[ip address](#)
[ip address dhcp](#)
[ip default-gateway](#)
[ip dhcp-server](#)
[ip domain-lookup](#)
[ip http authentication](#)
[ip http help-path](#)
[ip http path](#)
[ip http port](#)
[ip http server](#)
[ip igmp snooping vlan](#)
[ip name-server](#)
[ip redirection](#)
[ip telnet](#)

L

[l2-filter bridge-group-acl](#)
[l2-filter-block-arp](#)

**Note**

[led display](#)

[led flash](#)

length



Note The **length** command is supported only on access points that have a console port.

line

logging

[logging buffered](#)

[logging snmp-trap](#)

logging console

logging history

logging history size

logging facility

logging monitor

logging on

logging rate-limit

logging trap

login

logout



Note The **loopback** command is not supported on access points and bridges.

M

[match \(class-map configuration\)](#)

[max-associations \(SSID configuration mode\)](#)

[mbssid](#)

[mbssid \(SSID configuration mode\)](#)

[method \(eap profile configuration mode\)](#)

[method \(LBS configuration mode\)](#)

[mobile station](#)

[mobility network-id](#)

monitor



Note The **monitor** command is supported only on access points that have a console port.

more

multicast address (LBS configuration mode)

N

nas (local server configuration mode)

P

packet max-retries

packet retries

packet timeout

packet speed

packet-type (LBS configuration mode)

parent

parent

parity



Note The **parity** command is supported only on access points that have a console port.

password (dot1x credentials configuration mode)

payload-encapsulation

ping

policy-map

power client

power inline negotiation

power local

preamble-short

privilege



Note The **privilege** command is supported only on access points that have a console port.

probe-response gratuitous

pwd

R

radius local-server pac-generate

radius-server attribute

radius-server deadtime
radius-server host
[radius-server local](#)
radius-server retransmit
radius-server timeout
radius-server vsa send accounting
reload
[rts](#)

S

[server-address \(LBS configuration mode\)](#)
service-policy output
service sequence-number
service timestamps
session-timeout



Note The **session-timeout** command is supported only on access points that have a console port.

[short-slot-time](#)
show access-lists
show boot
[show boot mode-button](#)
show bridge
show bridge group
show buffers
show cdp
show cdp entry
show cdp interface
show cdp neighbors
show cdp traffic
show clock
[show controllers dot11radio](#)
show controllers fastethernet
show debugging
show dhcp server
[show dot11 aaa authentication mac-authen filter-cache](#)
[show dot11 adjacent-ap](#)

[show dot11 associations](#)

[show dot11 bssid](#)

[show dot11 cac](#)



Note This command is not supported on repeaters.

[show dot11 carrier busy](#)

[show dot11 directed-roam](#)

[show dot11 ids eap](#)

[show dot11 ids mfp](#)

[show dot11 network-map](#)

[show dot11 statistics client-traffic](#)

[show dot11 traffic-streams](#)

[show dot1x](#)

[show dot1x credentials](#)

[show eap registrations](#)

[show eap sessions](#)

[show environment](#)

[show file information](#)

[show file systems](#)

[show flash](#)

[show history](#)

[show hosts](#)

[show html users](#)

[show iapp rogue-ap-list](#)

[show iapp standby-parms](#)

[show iapp statistics](#)

[show interfaces dot11radio](#)

[show interfaces dot11radio aaa](#)

[show interfaces dot11radio statistics](#)

[show interfaces fastethernet](#)

[show ip access-list](#)



Note The **show ip local** command is not supported on access points and bridges.

[show ip igmp snooping groups](#)

[show ip igmp snooping vlan](#)

[show led flash](#)

show line
show logging
show memory
[show power-injector](#)
show privilege
show processes
show queueing
show radius
[show radius local-server statistics](#)
show registry
show running-config
[show running-config ssid](#)
show sessions
show smf
show snmp
show snmp engineID
show snmp group
show snmp user
[show spanning-tree](#)
show stacks
show startup-config
show subsys
show tech-support
show terminal
show users
show version
show vlan
[show wlccp](#)
[show wlccp ap mn](#)
[show wlccp ap rm enhanced-neighbor-list](#)
shutdown
snmp ifindex
snmp-server
snmp-server chassis-id
snmp-server community
snmp-server contact
[snmp-server enable traps](#)
[snmp-server enable traps envmon temperature](#)

[snmp-server group](#)

snmp-server host

[snmp-server location](#)

snmp-server system-shutdown

[snmp-server user](#)

[snmp-server view](#)

snmp trap link-status

[speed \(Ethernet interface\)](#)

[speed \(radio interface\)](#)

speed (serial line interface)



Note The **speed** (serial line interface) command is supported only on access points that have a console port.

[speed ofdm](#)

[ssid](#)

[station-role](#)

[station-role install](#)

stopbit



Note The **stop bit** command is supported only on access points that have a console port.

T

terminal-type



Note The **terminal-type** command is supported only on access points that have a console port.

test fastethernet

test led

timeout (serial line interface)



Note The **timeout** (serial line interface) command is supported only on access points that have a console port.

[traffic-class](#)

[traffic-stream](#)



Note This command is not supported on repeaters.

transmit-op (QOS Class interface configuration mode)

U

undebug

user (local server configuration mode)

username (dot1x credentials configuration mode)

V

verify

vlan (SSID configuration mode)

W

width

wlccp ap eap profile

wlccp ap username

wlccp authentication-server

wlccp wds aaa authentication mac-authen filter-cache

wlccp wds mode wds-only

wlccp wds priority

wlccp wnm ip address

workgroup-bridge client-vlan

world-mode

wpa-psk

