



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.

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/en/US/docs/ios/mcl/123mcl/TD-Book-Wrapper.html>

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 (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 key-management wpa version 2 dot11r](#)

authentication network-eap (SSID configuration mode)

authentication open (SSID configuration mode)

authentication shared (SSID configuration mode)

B

beacon

beacon privacy guest-mode

[bgp-policy](#)

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 hold-list
[clear dot11 next-aps](#)
 clear dot11 statistics
 clear dot11 ids mfp client statistics
 clear eap sessions
 clear iapp rogue-ap-list
 clear iapp statistics
 clear ip igmp snooping membership
 clear logging
 clear vlan
 clear wlccp wds
 clear wlccp wds recovery statistics
 clock timezone
 clock summer-time
 concatenation
 configure terminal
 copy
[copy run scp://url](#)
 countermeasure tkip hold-time
[crypto key generate rsa](#)
 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 ft
debug dot11 ft-scan
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
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 association mac-list
dot11 auto-immune
[dot11 band-select parameters](#)
dot11 carrier busy
[dot11 dot11r pre-authentication](#)
[dot11 dot11r re-association timer](#)
dot11 extension aironet
dot11 extension power native
[dot11 guest username](#)
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 ssid band-select](#)
dot11 update-group-key
dot11 vlan-name
dot11 wpa handshake init-delay
dot11 wpa handshake timeout
dot1x credentials
dot1x eap profile (configuration interface mode)
dot1x eap profile (SSID configuration mode)
dot1x timeout 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 path destination](#)

[iapp path destination source](#)

iapp standby mac-address

iapp standby poll-frequency

iapp standby primary-shutdown

iapp standby timeout

ids mfp client

information-element ssid (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 admission web_passthrough](#)

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
ipv6 access-list
ipv6 address autoconfig
ipv6 address dhcp rapid-commit
ipv6 address ipv6-address link-local
ipv6 nd autoconfig
ipv6 nd cache
ipv6 nd dad
ipv6 nd na glean
ipv6 nd ns-interval
ipv6 nd reachable-time
ipv6 traffic-filter

L

l2-filter bridge-group-acl
l2-filter-block-arp
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 speed
packet timeout
packet-type (LBS configuration mode)
parent

parent timeout

parity



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

password (dot1x credentials configuration mode)

payload-encapsulation

pki-trustpoint (dot1x credentials configuration mode)

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 server](#)

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

[routing dynamic](#)

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 neighbor-ap`
`show dot11 network-map`
`show dot11 statistics client-traffic`
`show dot11 traffic-streams`
`show dot11 vlan-name`
`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 spectrum recover | status](#)
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

undebg
user (local server configuration mode)
username (dot1x credentials configuration mode)

[username privilege password](#)

V

verify

vlan (SSID configuration mode)

W

[web-auth](#)

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

workgroup-bridge timeouts assoc-response

workgroup-bridge timeouts auth-response

workgroup-bridge timeouts client-add

workgroup-bridge timeouts eap-timeout

workgroup-bridge timeouts iapp-refresh

workgroup-bridge unified-vlan-client

world-mode

wpa-psk

write memory

write terminal