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/en/US/products/sw/iosswrel/ps5187/products_product_indices_list.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)

■   **B**

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

C

D

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 wlccp wds

clear wlccp 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

■   E

E

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

L

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

N

N

P

✎

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

✎

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

R

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

■ **S**

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

W