



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

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

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

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 statistics](#)  
[clear wlccp wds](#)  
[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 arp-cache  
dot11 association mac-list  
dot11 carrier busy  
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)

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

information-element ssid1 (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 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-type \(LBS configuration mode\)](#)

[packet speed](#)

[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](#)

[ping](#)

[preamble-short](#)

[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 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 priority

wlccp wnm ip address

workgroup-bridge client-vlan

world-mode

wpa-psk

