



## APPENDIX **A**

# List of Supported Cisco IOS Commands

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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/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



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

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

admission-control (QOS Class interface configuration mode)




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**Note** This command is not supported on repeaters.

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admit-traffic (SSID configuration mode)




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**Note** This command is not supported on repeaters.

---

admit-traffic (QOS Class interface configuration mode)




---

**Note** This command is not supported on repeaters.

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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




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**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 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 wccp wds](#)  
[clear wccp 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](#)




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**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](#)



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**Note** This command is not supported on repeaters.

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[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](#)

[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 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 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 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**


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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](#)  
[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.

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## 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](#)




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

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[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](#)




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**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



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**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



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**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 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 stacks  
show startup-config  
show subsystems  
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)



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**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.

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## T

terminal-type



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

---

test fastethernet

test led

timeout (serial line interface)



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

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[traffic-class](#)

[traffic-stream](#)



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**Note** This command is not supported on repeaters.

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[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  
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