



Unsupported Commands in Cisco IOS Release 12.2(53)EX

This appendix lists some of the command-line interface (CLI) commands that appear when you enter the question mark (?) at the Cisco CGS 2520 switch prompt but are not supported in this release, either because they are not tested or because of switch hardware limitations. This is not a complete list. The unsupported commands are listed by software feature and command mode.

Access Control List Command

Unsupported Global Configuration Commands

access-list rate-limit *acl-index* {*precedence* | **mask** *prec-mask*}
access-list dynamic extended

Unsupported Privileged EXEC Commands

access-enable [*host*] [**timeout** *minutes*]
access-template [*access-list-number* | *name*] [*dynamic-name*] [*source*] [*destination*] [**timeout** *minutes*]
clear access-template [*access-list-number* | *name*] [*dynamic-name*] [*source*] [*destination*].

ARP Commands

Unsupported Global Configuration Commands

arp *ip-address hardware-address smds*
arp *ip-address hardware-address srp-a*
arp *ip-address hardware-address srp-b*

Unsupported Interface Configuration Commands

arp probe
ip probe proxy

Boot Loader Commands

Unsupported Global Configuration Command

boot buffersize

Unsupported User EXEC Command

verify

Debug Commands

debug dot1x feature
debug platform cli-redirection main
debug platform configuration
debug qos

Embedded Event Manager Commands

Unsupported Applet Configuration Commands

no event interface name *[interface-name]* parameter *[counter-name]* entry-val *[entry counter value]*
entry-op { *gt* | *ge* | *eq* | *ne* | *lt* | *le* } [entry-type { *increment* | *rate* | *value* } [exit-val *[exit value]* exit-op
{ *gt* | *ge* | *eq* | *ne* | *lt* | *le* } exit-type { *increment* | *rate* | *value* }][average-factor *<average-factor-value>*]
no trigger
tag

Unsupported Global Configuration Commands

no event manager directory user repository *[url location]*
event manager applet *[applet-name]* maxrun

Unsupported Privileged EXEC Commands

event manager update user policy [*policy-filename* | *group* [*group name expression*]] | *repository* [*url location*]

Parameters are not supported for this command:

event manager run [*policy name*] |<*paramater1*>|... <*paramater15*>|

HSRP Commands

Unsupported Global Configuration Commands

interface Async

interface BVI

interface Dialer

interface Group-Async

interface Lex

interface Multilink

interface Virtual-Template

interface Virtual-Tokenring

Unsupported Interface Configuration Commands

mtu

standby mac-refresh *seconds*

standby use-bia

IEEE 802.1x Commands

Unsupported Interface Configuration Commands

dot1x credentials



Note

The **dot1x credentials** *profile* global configuration command is still supported.

dot1x max-start

Unsupported Privileged EXEC Commands

`clear eap sessions`
`dot1x re-authenticate`
`show eap`

IGMP Snooping Commands

Unsupported Global Configuration Commands

`ip igmp snooping source-only-learning`

Interface Commands

Unsupported Global Configuration Commands

`interface tunnel`

Unsupported Interface Configuration Commands

`transmit-interface type number`

Unsupported Privileged EXEC Commands

`show interfaces [interface-id | vlan vlan-id] [crb | fair-queue | irb | mac-accounting | precedence | irb
| random-detect | rate-limit | shape]`

IP Multicast Routing Commands

Unsupported Global Configuration Commands

All `ip dvmrp` commands
`ip multicast-routing vrf vrf-name`
`ip pim accept-rp {address | auto-rp} [group-access-list-number]`
`ip pim message-interval seconds`
`ip pim register-rate-limit`

Unsupported Interface Configuration Commands

frame-relay ip rtp header-compression [**active** | **passive**]

frame-relay map ip *ip-address dlc* [**broadcast**] **compress**

frame-relay map ip *ip-address dlc* **rtp header-compression** [**active** | **passive**]

All **ip dvmrp** commands

ip igmp helper-address *ip-address*

ip multicast helper-map {*group-address* | **broadcast**} {*broadcast-address* | *multicast-address*} *extended-access-list-number*

ip multicast rate-limit {**in** | **out**} [**video** | **whiteboard**] [**group-list** *access-list*] [**source-list** *access-list*] *kbps*

ip multicast ttl-threshold *ttl-value* (instead, use the **ip multicast boundary** *access-list-number* interface configuration command)

ip multicast use-functional

ip pim minimum-vc-rate *pps*

ip pim multipoint-signalling

ip pim nbma-mode

ip pim vc-count *number*

ip rtp compression-connections *number*

ip rtp header-compression [**passive**]

Unsupported Privileged EXEC Commands

clear ip rtp header-compression [*type number*]

clear ip dvmrp route commands

debug ip dvmrp commands

The **debug ip packet** command displays packets received by the switch CPU. It does not display packets that are hardware-switched.

The **debug ip mcache** command affects packets received by the switch CPU. It does not display packets that are hardware-switched.

The **debug ip mpacket [detail]** [*access-list-number* [*group-name-or-address*]] command affects only packets received by the switch CPU. Because most multicast packets are hardware-switched, use this command only when you know that the route will forward the packet to the CPU.

debug ip pim atm

show frame-relay ip rtp header-compression [**interface** *type number*]

show ip dvmrp route commands

The **show ip mcache** command displays entries in the cache for those packets that are sent to the switch CPU. Because most multicast packets are switched in hardware without CPU involvement, you can use this command, but multicast packet information is not displayed.

The **show ip mpacket** commands are supported but are only useful for packets received at the switch CPU. If the route is hardware-switched, the command has no effect because the CPU does not receive the packet and cannot display it.

show ip pim vc [*group-address* | *name*] [*type number*]

show ip rtp header-compression [*type number*] [**detail**]

IP Unicast Routing Commands

Unsupported BGP Router Configuration Commands

address-family vpv4
default-information originate
neighbor advertise-map
neighbor allowas-in
neighbor default-originate
neighbor description
network backdoor
table-map

Unsupported Global Configuration Commands

ip accounting-list *ip-address wildcard*
ip as-path access-list
ip accounting-transits *count*
ip cef accounting [*per-prefix*] [*non-recursive*]
ip cef traffic-statistics [*load-interval seconds*] [*update-rate seconds*]
ip flow-aggregation
ip flow-cache
ip flow-export
ip gratuitous-arps
ip local
ip prefix-list
ip reflexive-list
router egp
router isis
router iso-igrp
router mobile

router odr
router static

Unsupported Interface Configuration Commands

dampening
ip load-sharing [per-packet]
ip accounting
ip load-sharing [per-packet]
ip mtu *bytes*
ip ospf dead-interval minimal hello-multiplier *multiplier*
ip verify
ip unnumbered *type number*
All **ip security** commands

Unsupported Privileged EXEC or User EXEC Commands

clear ip accounting [checkpoint]
clear ip bgp *address* flap-statistics
clear ip bgp prefix-list
debug ip cef stats
show cef [drop | not-cef-switched]
show ip accounting [checkpoint] [output-packets | access-violations]
show ip bgp dampened-paths
show ip bgp inconsistent-as
show ip bgp regexp *regular expression*
show ip prefix-list *regular expression*
show ipv6 (all)

Unsupported Route Map Commands

match route-type for policy-based routing (PBR)
set as-path {tag | prepend *as-path-string*}
set automatic-tag
set dampening *half-life reuse suppress max-suppress-time*
set default interface *interface-id* [*interface-id*.....]
set interface *interface-id* [*interface-id*.....]
set ip default next-hop *ip-address* [*ip-address*.....]
set ip destination *ip-address mask*

set ip precedence *value*
set ip *qos-group*
set metric-type *internal*
set origin
set metric-type *internal*
set tag *tag-value*

Unsupported VPN Configuration Commands

All

MAC Address Commands

Unsupported Global Configuration Commands

mac-address-table *aging-time*
mac-address-table *notification*
mac-address-table *static*

Unsupported Privileged EXEC Commands

show mac-address-table
show mac-address-table *address*
show mac-address-table *aging-time*
show mac-address-table *count*
show mac-address-table *dynamic*
show mac-address-table *interface*
show mac-address-table *multicast*
show mac-address-table *notification*
show mac-address-table *static*
show mac-address-table *vlan*
show mac address-table *multicast*



Note Use the **show ip igmp snooping groups** privileged EXEC command to display Layer 2 multicast address-table entries for a VLAN.

Miscellaneous Commands

Unsupported Global Configuration Commands

exception crashinfo
errdisable detect cause dhcp-rate-limit
errdisable recovery cause dhcp-rate-limit
errdisable recovery cause unicast flood
l2protocol-tunnel global drop-threshold
memory reserve critical
power inline consumption default *wattage*
service compress-config

Unsupported Privileged EXEC Commands

archive config
file verify auto
remote command all
show archive config
show archive log
show cable-diagnostics prbs
show power inline
test cable-diagnostics prbs
stack-mac persistent timer
track *object-number* rtr

Unsupported show platform Commands

show platform ip unicast vrf { compaction | tcam-label}
show platform ipv6 unicast
show platform tb

Unsupported User EXEC Commands

verify

MSDP Commands

Unsupported Global Configuration Commands

ip msdp default-peer *ip-address* | *name* [**prefix-list** *list*] (Because BGP/MBGP is not supported, use the **ip msdp peer** command instead of this command.)

Unsupported Privileged EXEC Commands

show access-expression

show exception

show location

show pm LINE

show smf [*interface-id*]

show subscriber-policy [*policy-number*]

show template [*template-name*]

NetFlow Commands

Unsupported Global Configuration Commands

ip flow-aggregation cache

ip flow-cache entries

ip flow-export

QoS Commands

Unsupported Global Configuration Command

priority-list

Unsupported Interface Configuration Command

priority-group

Unsupported policy-map Class Police Configuration Mode Command

`conform-color class-map police configuration`

RADIUS Commands

Unsupported Global Configuration Commands

`aaa authentication feature default enable`
`aaa authentication feature default line`
`aaa nas port extended`
`authentication command bounce-port ignore`
`authentication command disable-port ignore`
`radius-server attribute nas-port`
`radius-server configure`
`radius-server extended-portnames`

SNMP Commands

Unsupported Global Configuration Commands

`snmp-server enable informs`
`snmp-server ifindex persist`

Spanning Tree Commands

Unsupported Global Configuration Command

`spanning-tree pathcost method {long | short}`
`spanning-tree transmit hold-count`

Unsupported Interface Configuration Command

`spanning-tree stack-port`

Storm Control Commands



Note

Although visible in the command line interface, commands for configuring small-frame thresholds are not needed on the switch because the existing broadcast storm disable feature correctly handles small frames.

Unsupported Global Configuration Command

errdisable detect cause small-frame
errdisable recovery cause small-frame

Unsupported Interface Configuration Command

small-frame violation rate

VLAN Commands

Unsupported Global Configuration Command

vlan internal allocation policy {ascending | descending}

Unsupported User EXEC Commands

show running-config vlan
show vlan ifindex
vlan database

Unsupported VLAN Database Commands

vtp
vlan