



Unsupported Commands in Cisco IOS Release 12.2(58)EZ

This appendix lists some of the command-line interface (CLI) commands that appear when you enter the question mark (?) at the CGR 2010 ESM 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.

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Access Control List Commands

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-redirect 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

power inline port priority *high* | *low*
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 dci* [**broadcast**] **compress**
frame-relay map ip *ip-address dci* **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 vpnv4
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 multicaset`
`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* | *team-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
```

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
```