



## APPENDIX **C**

# Unsupported Commands in Cisco IOS Release 12.2(52)SE

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

### 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].  
show access-lists rate-limit [destination]  
show accounting  
show ip accounting [checkpoint] [output-packets | access violations]  
show ip cache [prefix-mask] [type number]
```

### Unsupported Global Configuration Commands

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

### Unsupported Route-Map Configuration Commands

```
match ip address prefix-list prefix-list-name [prefix-list-name...]
```

# Archive Commands

## Unsupported Privileged EXEC Commands

archive config  
logging persistent  
show archive config  
show archive log

# 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 User EXEC Commands

verify

## Unsupported Global Configuration Commands

boot buffersize  
boot enable-break

## Debug Commands

### Unsupported Privileged EXEC Commands

```
debug platform cli-redirect main
debug platform configuration
```

## Embedded Event Manager

### 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] |<parameter1>|... <parameter15>|
```

### Unsupported Global Configuration Commands

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

### Unsupported Commands in Applet Configuration Mode

```
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
```

## Fallback Bridging

### Unsupported Privileged EXEC Commands

```
clear bridge [bridge-group] multicast [router-ports | groups | counts] [group-address] [interface-unit]
[counts]
clear vlan statistics
show bridge [bridge-group] circuit-group [circuit-group] [src-mac-address] [dst-mac-address]
show bridge [bridge-group] multicast [router-ports | groups] [group-address]
```

**show bridge vlan**  
**show interfaces crb**  
**show interfaces { ethernet | fastethernet } [interface | slot/port] irb**  
**show subscriber-policy range**

## Unsupported Global Configuration Commands

**bridge bridge-group acquire**  
**bridge bridge-group address mac-address {forward | discard} [interface-id]**  
**bridge bridge-group aging-time seconds**  
**bridge bridge-group bitswap\_l3\_addresses**  
**bridge bridge-group bridge ip**  
**bridge bridge-group circuit-group circuit-group pause milliseconds**  
**bridge bridge-group circuit-group circuit-group source-based**  
**bridge cmf**  
**bridge crb**  
**bridge bridge-group domain domain-name**  
**bridge irb**  
**bridge bridge-group mac-address-table limit number**  
**bridge bridge-group multicast-source**  
**bridge bridge-group protocol dec**  
**bridge bridge-group route protocol**  
**bridge bridge-group subscriber policy policy**  
**subscriber-policy policy [[no | default] packet [permit | deny]]**

## Unsupported Interface Configuration Commands

**bridge-group bridge-group cbus-bridging**  
**bridge-group bridge-group circuit-group circuit-number**  
**bridge-group bridge-group input-address-list access-list-number**  
**bridge-group bridge-group input-lat-service-deny group-list**  
**bridge-group bridge-group input-lat-service-permit group-list**  
**bridge-group bridge-group input-lsap-list access-list-number**  
**bridge-group bridge-group input-pattern-list access-list-number**  
**bridge-group bridge-group input-type-list access-list-number**  
**bridge-group bridge-group lat-compression**  
**bridge-group bridge-group output-address-list access-list-number**  
**bridge-group bridge-group output-lat-service-deny group-list**

**bridge-group** *bridge-group* **output-lat-service-permit** *group-list*  
**bridge-group** *bridge-group* **output-lsap-list** *access-list-number*  
**bridge-group** *bridge-group* **output-pattern-list** *access-list-number*  
**bridge-group** *bridge-group* **output-type-list** *access-list-number*  
**bridge-group** *bridge-group* **sse**  
**bridge-group** *bridge-group* **subscriber-loop-control**  
**bridge-group** *bridge-group* **subscriber-trunk**  
**bridge** *bridge-group* **lat-service-filtering**  
**frame-relay map bridge** *dlci* **broadcast**  
**interface bvi** *bridge-group*  
**x25 map bridge** *x.121-address* **broadcast** [*options-keywords*]

## HSRP

### 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**

## IGMP Snooping Commands

### Unsupported Global Configuration Commands

**ip igmp snooping tcn**

# Interface Commands

## Unsupported Privileged EXEC Commands

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

## Unsupported Global Configuration Commands

**interface tunnel**

## Unsupported Interface Configuration Commands

**transmit-interface** *type number*

# IP Multicast Routing

## Unsupported Privileged EXEC Commands

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

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*]

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*]

## Unsupported Global Configuration Commands

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

## Unsupported Interface Configuration Commands

```
frame-relay ip rtp header-compression [active | passive]  
frame-relay map ip ip-address dlci [broadcast] compress  
frame-relay map ip ip-address dlci rtp header-compression [active | passive]  
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]
```

## IP Unicast Routing

### 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*

## Unsupported Global Configuration Commands

**ip accounting precedence** {input | output}  
**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

**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 BGP Router Configuration Commands

**address-family** **vpn4**



**default-information originate**  
**neighbor advertise-map**  
**neighbor allowas-in**  
**neighbor default-originate**  
**neighbor description**  
**network backdoor**  
**table-map**

## Unsupported VPN Configuration Commands

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 next-hop verify-availability**  
**set ip precedence** *value*  
**set ip qos-group**  
**set metric-type internal**  
**set origin**  
**set metric-type internal**  
**set tag** *tag-value*

## MAC Address Commands

### 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.

## Unsupported Global Configuration Commands

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

## Miscellaneous

### Unsupported User EXEC Commands

`verify`

### Unsupported Privileged EXEC Commands

`file verify auto`  
`remote command`  
`show cable-diagnostics prbs`  
`test cable-diagnostics prbs`

### Unsupported Global Configuration Commands

`errdisable recovery cause unicast flood`  
`l2protocol-tunnel global drop-threshold`  
`service compress-config`  
`stack-mac persistent timer`  
`track object-number rtr`

# MSDP

## 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]
```

## 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.)

# NetFlow Commands

## Unsupported Global Configuration Commands

```
ip flow-aggregation cache
ip flow-cache entries
ip flow-export
```

# Network Address Translation (NAT) Commands

## Unsupported Privileged EXEC Commands

```
show ip nat statistics
show ip nat translations
```

# QoS

## Unsupported Global Configuration Command

priority-list

## Unsupported Interface Configuration Commands

priority-group

rate-limit

## Unsupported Policy-Map Configuration Command

class class-default where class-default is the *class-map-name*.

# RADIUS

## Unsupported Global Configuration Commands

aaa nas port extended

aaa authentication *feature* default enable

aaa authentication *feature* default line

radius-server attribute nas-port

radius-server configure

radius-server extended-portnames

# SNMP

## Unsupported Global Configuration Commands

snmp-server enable informs

snmp-server ifindex persist

# Spanning Tree

## Unsupported Global Configuration Command

`spanning-tree pathcost method {long | short}`

## Unsupported Interface Configuration Command

`spanning-tree stack-port`

# VLAN

## 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

## VTP

### Unsupported Privileged EXEC Command

vtp {password *password* | pruning | version *number*}

**Note**

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This command has been replaced by the **vtp** global configuration command.

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