



APPENDIX C

Unsupported Commands in Cisco IOS Release 12.2(50)SE

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



Note

This section applies only to the Catalyst Switch Module 3110.

Unsupported Privileged EXEC Commands

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

Embedded Event Manager



Note

This section applies only to the Catalyst Switch Module 3110.

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



Note

This section applies only to the Catalyst Switch Module 3110.

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_13_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



Note

This section applies only to the Catalyst Switch Module 3110.

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 dlcid [broadcast] compress
```

```
frame-relay map ip ip-address dlcid 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 vpv4
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 (only on the Catalyst Switch Module 3110)

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 (only on the Catalyst Switch Module 3110)

track *object-number* rtr

MSDP



Note

This section applies only to the Catalyst Switch Module 3110.

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
```

VTP

Unsupported Privileged EXEC Command

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

**Note**

This command has been replaced by the `vtp` global configuration command.
