



APPENDIX **C**

Unsupported Commands in Cisco IOS Release 12.2(52)SE

This appendix lists some of the command-line interface (CLI) commands that are displayed when you enter the question mark (?) at the Catalyst 3750 Metro switch prompt but are not supported in this release, either because they are not tested, or because of Catalyst 3750 Metro 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].`

Unsupported Global Configuration Commands

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

`access-list dynamic extended`

ARP

Unsupported Global Configuration Commands

`arp ip-address hardware-address smds`

`arp ip-address hardware-address srp-a`

`arp ip-address hardware-address srp-b`

`ip arp track`

Unsupported Interface Configuration Commands

arp probe
ip probe proxy

Boot Loader Commands

Unsupported User EXEC Command

verify

Unsupported Global Configuration Command

boot buffersize

Clustering

Unsupported Global Configuration Command

cluster commander-address
cluster discovery hop-count
cluster enable
cluster holdtime
cluster member
cluster outside-interface
cluster run
cluster standby-group
cluster timer

Unsupported Privileged EXEC Commands

show cluster
show cluster candidates
show cluster members

Debug

Unsupported Privileged EXEC Commands

```
debug cluster
debug platform cli-redirect main
debug platform configuration
debug platform ipc
debug platform led stack
```

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

IEEE 802.1x

Unsupported Global Configuration Command

`dot1x critical`

Unsupported Interface Configuration Commands

`dot1x control-direction`

`dot1x critical`

`dot1x host-mode multi-domain`



Note

Entering this command can put the port in error-disabled state.

`dot1x mac-auth-bypass [eap | timeout activity {value}] interface configuration command`



Note

The switch does not support IEEE 802.1x MAC authentication bypass.

`dot1x pae`

`dot1x host-mode multi-domain`

IGMP Snooping

Unsupported Global Configuration Commands

`ip igmp snooping report-suppression`

`ip igmp snooping source-only-learning`

`ip igmp snooping tcn`

Interfaces

Unsupported Privileged EXEC Command

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

Unsupported Global Configuration Command

interface tunnel

Unsupported Interface Configuration Commands

bandwidth { *bandwidth-kbps* | **percent** *percent* }

random-detect [**dscp-based** | **precedence-based**]

random-detect dscp *dscp min-threshold max-threshold mark-prob-denominator*

random-detect exponential-weighting-constant *weight*

random-detect precedence *ip-precedence min-threshold max-threshold mark-prob-denominator*

switchport broadcast *level*

switchport multicast *level*

switchport unicast *level*



Note

The **switchport broadcast**, **switchport multicast**, and **switchport unicast** commands have been replaced by the **storm-control** { **broadcast** | **multicast** | **unicast** } **level** *level* [*.level*] interface configuration command.

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

ip pim register-rate-limit

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

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 arp track

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
ip route *destip mask next-hop track object-num*
router egp
router-isis
router iso-igrp
router mobile
router odr
router static

Unsupported Interface Configuration Commands

dampening
ip accounting
ip accounting precedence {input | output}
ip load-sharing [per-packet]
ip mtu *bytes*
ip ospf dead-interval minimal hello-multiplier *multiplier*
ip route-cache
ip verify
ip unnumbered *type number*
 All **ip security** commands

Unsupported BGP Router Configuration Commands

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

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*

Miscellaneous

Unsupported User EXEC Commands

verify

Unsupported Privileged EXEC Command

file verify auto

Unsupported User EXEC Command

show mac-address-table multicast

Unsupported Global Configuration Commands

errdisable detect cause dhcp-rate-limit
errdisable recovery cause dhcp-rate-limit
errdisable recovery cause unicast flood
memory reserve critical

MPLS

Unsupported Privileged EXEC or User EXEC Commands

```

debug ip rsvp hello [bfd | detail | stats]
debug ip rsvp sso
debug mpls traffic-eng exp
debug mpls traffic-eng forwarding-adjacency
debug mpls traffic-eng ha
show ip rsvp fast-route
show ip rsvp hello [instance | statistics]
show mpls traffic-eng exp
show mpls traffic-eng forwarding-adjacency

```

Unsupported Global Configuration Commands

```

ip rsvp signalling hello {bfd | graceful-restart}
mpls traffic-eng auto-bw
mpls traffic-eng lsp

```

Unsupported Interface Configuration Commands

Physical Interfaces

```

ip rsvp bandwidth {mam | rdm}
ip rsvp signalling hello [bfd | dscp | fast-reroute | graceful-restart | refresh | reroute]
mpls traffic-eng srlg

```

Tunnel Interfaces

```

tunnel mpls traffic-eng auto-bw
tunnel mpls traffic-eng backup-bw
tunnel mpls traffic-eng exp
tunnel mpls traffic-eng exp-bundle
tunnel mpls traffic-eng forwarding-adjacency
tunnel mpls traffic-eng path-option dynamic attributes
tunnel mpls traffic-eng path-option explicit name attributes
tunnel mpls traffic-eng path-selection

```

Unsupported Routing Commands

`interface auto-template`
`mpls traffic-eng mesh-group` (ISIS mode)
`mpls traffic-eng multicast-intact` (ISIS mode and OSPF mode)
`tunnel destination mesh-group`

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.)

QoS

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**

authentication command bounce-port ignore
 authentication command disable-port ignore
 radius-server attribute nas-port
 radius-server configure
 radius-server extended-portnames

SNMP

Unsupported Global Configuration Commands

snmp-server enable informs
 snmp-server enable traps flash insertion
 snmp-server enable traps flash removal
 snmp-server ifindex persist

Spanning Tree

Unsupported Global Configuration Commands

spanning-tree etherchannel guard misconfig
 spanning-tree pathcost method {long | short}

Unsupported Interface Configuration Command

spanning-tree stack-port

Virtual Forwarding Infrastructure (VFI)

Unsupported Global Configuration Commands

12 vfi *vfi-name* manual
 All VFI configuration mode commands

Unsupported Privileged EXEC Commands

debug vfi
 show vfi

VLAN

Unsupported vlan-config Command

```
private-vlan
```

Unsupported Privileged EXEC Command

```
show running-config vlan
```

Unsupported User EXEC Command

```
show vlan ifindex
```

VTP

Unsupported Privileged EXEC Command

```
vtp {password password | pruning | version number} private-vlan
```

**Note**

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