



APPENDIX **D**

Unsupported Commands in Cisco IOS Release 12.2(37)SE

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

boot buffersize

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_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

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 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
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 Privileged EXEC Commands

`file verify auto`

`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`
`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
aaa nas port extended
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 Commands

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

**Note**

This command has been replaced by the **vtp** global configuration command.
