



## APPENDIX **D**

# Unsupported Commands in Cisco IOS Release 12.2(50)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 Catalyst 3750 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. These unsupported commands are listed by software feature and command mode:

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## 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 Global Configuration Commands

```
boot buffersize
```

# 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] |<paramater1>|... <paramater15>|
```

## 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*]

## High Availability

### Unsupported SSO-Aware HSRP Commands

All

## 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*] [**distributed**]

**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 dlc* [**broadcast**] **compress**

**frame-relay map ip** *ip-address dlc* **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 SLA

### Unsupported MPLS Health Monitor Commands

All

### Unsupported Ethernet Gatekeeper Registration Commands

All

### Unsupported VoIP Call Setup Probe Commands

All

## 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 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*

## IPv6

## IPv4-v6 Tunneling Commands

All

## Layer 3

## BGP

All commands for these features:

- BGP Support for Dual AS Configuration for Network AS Migrations
- BGP Support for IP Prefix Import from Global Table into a VRF Table
- BGP Support for Named Extended Community Lists
- BGP Support for Sequenced Entries in Extended Community Lists
- BGP Support for TTL Security Check
- BGP Route-Map Policy List Support
- BGP Next Hop Propagation
- BGP Policy Accounting
- BGP Policy Accounting output interface accounting
- BGP Link Bandwidth
- BGP Hybrid CLI Support
- BGP Cost Community
- BGP Dynamic Update Peer-Groups
- BGP Conditional Route Injection
- BGP Configuration Using Peer Templates
- BGP Increased Support of Numbered as-path Access Lists to 500

## Other Unsupported BGP Commands

**address-family l2vpn**

**address-family vpnv4**

**bgp-policyclear bgp nsapaddress-family nsap**

**clear bgp nsap dampening**

**clear bgp nsap external**

**clear bgp nsap flap-statistics**

**clear bgp nsap peer-group**

**clear ip bgp ipv6**

**clear ip bgp l2vpn**

**clear ip bgp vpnv4**

**clear ip bgp vpnv6**

**ha-mode graceful-restartip extcommunity-list redistribute (BGP to ISO IS-IS)**

**ip policy-listredistribute (ISO IS-IS to BGP)**

**match extcommunity**

**neighbor ha-mode graceful-restart**

**neighbor sooredistribute dvmrp**

**neighbor ttl-securityset extcommunity**

**set extcommunity cost**

**show bgp nsap**

show bgp nsap community  
show bgp nsap community-list  
show bgp nsap dampening  
show bgp nsap dampened-paths  
show bgp nsap filter-list  
show bgp nsap flap-statistics  
show bgp nsap inconsistent-as  
show bgp nsap neighbors  
show bgp nsap paths  
show bgp nsap quote-regexp  
show bgp nsap regexp  
show bgp nsap summary  
show ip bgp ipv4 multicast  
show ip bgp ipv4 multicast summary  
show ip bgp l2vpn  
show ip bgp vpnv4  
show ip extcommunity-list  
show ip policy-list

## OSPF

area sham-link  
ignore lsa mospf  
nsf ietf  
nsf ietf helper disable  
nsf ietf helper strict-lsa-checking  
show ip ospf sham-links

## VRF aware AAA

All

# 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`



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**Note** Use the `show ip igmp snooping groups` privileged EXEC command to display Layer 2 multicast address-table entries for a VLAN.

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## 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`  
`show cable-diagnostics prbs`  
`test cable-diagnostics prbs`

### Unsupported Global Configuration Commands

`errdisable recovery cause unicast flood`  
`l2protocol-tunnel global drop-threshold`  
`memory reserve critical`  
`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.)

# Multicast

## Unsupported BiDirectional PIM Commands

All

## Unsupported Multicast Routing Manager Commands

All

## Unsupported IP Multicast Rate Limiting Commands

All

## Unsupported UDLR Commands

All

## Unsupported Multicast Over GRE Commands

All

# 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
```

## SNMPv3

### Unsupported 3DES Encryption Commands

All

## 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**

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

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