



## Unsupported Commands in Cisco IOS Release 15.0(2)SE and Later

This appendix lists some of the command-line interface (CLI) commands that appear when you enter the question mark (?) at the Catalyst 3750-X or 3560-X switch prompt but are not supported in this release, either because they are not tested or because of Catalyst 3750-X or 3560-X switch hardware limitations. This is not a complete list. The unsupported commands are listed by software feature and command mode.

**Note**

In addition to those listed, Layer 3 commands are not supported on switches running the LAN base feature set.

## 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

These commands are supported only on Catalyst 3750-X switches.

## Unsupported Privileged EXEC Commands

`debug platform cli-redirectation main`  
`debug platform configuration`

## Embedded Event Manager

### Unsupported Privileged EXEC Commands

`event manager scheduler clear`  
`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>|`  
`show event manager detector`  
`show event manager version`

### Unsupported Global Configuration Commands

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

### Unsupported Commands in Applet Configuration Mode

`attribute (EEM)`  
`correlate`  
`event rpc`  
`event snmp-notification`  
`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**  
**trigger (EEM)**

## Unsupported Commands in Event Trigger Configuration Mode

**event owner**  
**event owner**

## Embedded Syslog Manager

### Unsupported Global Configuration Commands

All

### Unsupported Privileged EXEC Commands

All

## 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 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
```

### Unsupported Global Configuration Commands

```
ip accounting precedence {input | output}
ip accounting-list ip-address wildcard
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 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 vpnv4**  
**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 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
```

## 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  
remote command  
show cable-diagnostics prbs  
test cable-diagnostics prbs

## Unsupported Global Configuration Commands

logging discriminator  
errdisable recovery cause unicast flood  
l2protocol-tunnel global drop-threshold  
memory reserve critical  
service compress-config  
stack-mac persistent timer (supported on Catalyst 3750-X switches only)  
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

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

logging discriminator *discr-name* [[*facility*] [*mnemonics*] [*msg-body*] { **drops** *string* | **includes** *string*}] [**severity** { **drops** *sev-num* | **includes** *sev-num*}] [**rate-limit** *msglimit*]

logging buffered discriminator

# 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**

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

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