



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-redirection 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_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

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
```



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
 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**

This command has been replaced by the **vtp** global configuration command.
