



## APPENDIX **C**

# Unsupported Commands in Cisco IOS Release 12.2(37)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-E or 3560-E switch prompt but are not supported in this release, either because they are not tested or because of Catalyst 3750-E or 3560-E 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

## Debug Commands



**Note**

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

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### Unsupported Privileged EXEC Commands

debug platform cli-redirection main  
debug platform configuration

# 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 ten

## 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** *vpn4*  
**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
remote command (supported on Catalyst 3750-E switches only)
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**  
**stack-mac persistent timer** (supported on Catalyst 3750-E 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.)

## 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`

# 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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