Unsupported Commands in Cisco IOS Release 12.2(53)SE2

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
Appendix C  Unsupported Commands in Cisco IOS Release 12.2(53)SE2

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

d debug platform cli-redirection main
d 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] | <paramater1>... <paramater15>|
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
Fallback Bridging

Unsupported Commands in Event Trigger Configuration Mode

event owner

event owner

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-Isap-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 dclei 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
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 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)
Unsupported Commands in Cisco IOS Release 12.2(53)SE2

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

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]
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 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

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

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.)
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
Unsupported Commands in Cisco IOS Release 12.2(53)SE2

SNMP

Unsupported Global Configuration Commands

- `snmp-server enable informs`
- `snmp-server ifindex persist`

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

\texttt{vtp \{password password | pruning | version number\}}

\textbf{Note} \hspace{1cm} This command has been replaced by the \texttt{vtp} global configuration command.