



APPENDIX **C**

Unsupported Commands in Cisco IOS Release 12.2(52)SE

This appendix lists some of the command-line interface (CLI) commands that appear when you enter the question mark (?) at the IE 3000 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
```

Debug Commands

Unsupported Privileged EXEC Commands

```
debug platform cli-redirect 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*]

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]`

`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 *tvl-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 vpv4
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`



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
 track *object-number* rtr
 stack-mac persistent timer

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`

`vlan database`

Unsupported VLAN Database Commands

`vtp`

`vlan`

VTP

Unsupported Privileged EXEC Commands

`vtp { password password | pruning | version number }`

**Note**

This command has been replaced by the **vtp** global configuration command.
