



APPENDIX **B**

Unsupported Commands in Cisco IOS Release 15.0(2)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

Embedded Syslog Manager

Unsupported Global Configuration Commands

All

Unsupported Privileged EXEC Commands

All

Debug Commands

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 dci 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 *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 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 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 **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**

`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 vpv4
clear ip bgp vpv6
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

logging discriminator

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`

`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`

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*}

This command has been replaced by the **vtp** global configuration command.