



## Unsupported Commands in Cisco IOS Release 12.2(55)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:

- [Access Control Lists, page C-2](#)
- [Archive Commands, page C-2](#)
- [Boot Loader Commands, page C-3](#)
- [Embedded Event Manager, page C-3](#)
- [Debug Commands, page C-4](#)
- [Fallback Bridging, page C-4](#)
- [High Availability, page C-6](#)
- [HSRP, page C-6](#)
- [IGMP Snooping Commands, page C-6](#)
- [Interface Commands, page C-7](#)
- [IP Multicast Routing, page C-7](#)
- [IP SLA, page C-8](#)
- [IP Unicast Routing, page C-9](#)
- [IPv6, page C-11](#)
- [Layer 3, page C-11](#)
- [MAC Address Commands, page C-13](#)
- [Miscellaneous, page C-14](#)
- [MSDP, page C-14](#)
- [Multicast, page C-15](#)
- [NetFlow Commands, page C-15](#)
- [Network Address Translation \(NAT\) Commands, page C-15](#)
- [QoS, page C-16](#)
- [RADIUS, page C-16](#)

- [SNMP](#), page C-16
- [SNMPv3](#), page C-17
- [Spanning Tree](#), page C-17
- [VLAN](#), page C-17
- [VTP](#), page C-18

## 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-redirectation 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** *dldci 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 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* *dci* [**broadcast**] **compress**  
**frame-relay map ip** *ip-address* *dci* **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 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** *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* 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 vpv4**  
**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

# 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.

---