



Unsupported Commands in Cisco IOS Release 15.3(1)S

This appendix lists some of the command-line interface (CLI) commands that appear when you enter the question mark (?) at the Cisco Metro Ethernet (ME) 3800X and ME 3600X 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. The unsupported commands are listed by software feature and command mode or they are listed by command mode under “Other Unsupported Commands.”

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Access Control List Commands

Privileged EXEC Mode

```
access-enable [host] [timeout minutes]  
access-template  
clear access-template  
show arp access-list
```

Global Configuration Mode

```
arp access-list  
access-list rate-limit acl-index {precedence | mask prec-mask}  
access-list dynamic extended
```

Address Resolution Protocol (ARP) Commands

Global Configuration Mode

```
arp ip-address hardware-address smds  
arp ip-address hardware-address srp-a  
arp ip-address hardware-address srp-b
```

Interface Configuration Mode

```
arp probe
```

Hot Standby Routing Protocol (HSRP) Commands

Global Configuration Mode

```
interface Async  
interface BVI  
interface Dialer  
interface Group-Async  
interface Lex  
interface Virtual-Template  
interface Virtual-Tokenring
```

IGMP Snooping Commands

Global Configuration Mode

ip igmp snooping source-only-learning

IP Multicast Routing Commands

Privileged EXEC Mode

clear ip dvmrp route commands

debug ip dvmrp commands

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 ip dvmrp route commands

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.

Global Configuration Mode

All **ip dvmrp** commands

ip multicast-routing vrf vrf-name

ip pim accept-rp

ip pim register-rate-limit

Interface Configuration Mode

All **ip dvmrp** commands

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 pim nbma-mode

IP Network Address Translation (NAT) Commands

Privileged EXEC Mode

show ip nat portblock
show ip nat statistics
show ip nat translations

Global Configuration Mode

ip nat create
ip nat inside
ip nat log
ip nat service
ip nat translation

Interface Configuration Mode

ip nat inside
ip nat outside

IP Unicast Routing Commands

Privileged EXEC or User EXEC Mode

clear ip accounting [**checkpoint**]
clear ip bgp *address* flap-statistics
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 ipv6 (all)

Global Configuration Mode

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 reflexive-list
router iso-igrp
router mobile
router odr

Interface Configuration Mode

dampening
ip accounting
ip load-sharing [*per-packet*]
ip mtu *bytes*
ip ospf dead-interval minimal hello-multiplier *multiplier*
ip unnumbered *type number*
All **ip security** commands

BGP Router Configuration Mode

default-information originate
neighbor advertise-map
neighbor allowas-in
neighbor default-originate
neighbor description
network backdoor
table-map

Route Map Configuration Mode

match route-type for policy-based routing (PBR)
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 precedence *value*
set ip qos-group
set metric-type internal
set origin
set metric-type internal

VPN Configuration Mode

All

Multiprotocol Label Switching (MPLS) Commands

Privileged EXEC or User EXEC Mode

debug ip rsvp hello [*detail | stats*]
debug ip rsvp sso
debug mpls traffic-eng exp
debug mpls traffic-eng forwarding-adjacency
debug mpls traffic-eng ha
show ip rsvp fast-reroute
show ip rsvp hello [*instance | statistics*]
show mpls traffic-eng exp
show mpls traffic-eng forwarding-adjacency

Global Configuration Mode

ip rsvp signalling hello {*graceful-restart*}
mpls traffic-eng auto-bw
mpls traffic-eng lsp

Interface Configuration Mode

Physical Interfaces

```
ip rsvp bandwidth {mam | rdm}
ip rsvp signalling hello [dscp | fast-reroute | graceful-restart | refresh | reroute]
mpls traffic-eng srlg
```

Tunnel Interfaces

```
tunnel mpls traffic-eng auto-bw
tunnel mpls traffic-eng backup-bw
tunnel mpls traffic-eng exp
tunnel mpls traffic-eng exp-bundle
tunnel mpls traffic-eng forwarding-adjacency
tunnel mpls traffic-eng path-option dynamic attributes
tunnel mpls traffic-eng path-option explicit name attributes
tunnel mpls traffic-eng path-selection
```

Routing Configuration Mode

```
interface auto-template
mpls traffic-eng mesh-group (ISIS mode)
mpls traffic-eng multicast-intact (ISIS mode and OSPF mode)
tunnel destination mesh-group
```

Multicast Source Discovery Protocol (MSDP) Commands

Privileged EXEC Mode

```
show access-expression
show exception
show pm LINE
show smf [interface-id]
show subscriber-policy [policy-number]
show template [template-name]
```

Global Configuration Mode

`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

Global Configuration Mode

`ip flow-aggregation cache`

`ip flow-cache entries`

Quality of Service (QoS) Commands

Global Configuration Mode

`priority-list`

Interface Configuration Mode

`priority-group`

RADIUS Commands

Global Configuration Mode

`aaa authentication feature default enable`

`aaa authentication feature default line`

`aaa nas port extended`

`authentication command bounce-port ignore`

`authentication command disable-port ignore`

`radius-server attribute nas-port`

`radius-server configure`

`radius-server extended-portnames`

Simple Network Management Protocol (SNMP) Commands

Global Configuration Mode

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

Spanning Tree Commands

Global Configuration Mode

```
spanning-tree pathcost method {long | short}
spanning-tree transmit hold-count
```

Interface Configuration Mode

```
spanning-tree stack-port
```

VLAN Commands

Global Configuration Mode

```
vlan internal allocation policy {ascending | descending}
```

Global Configuration Mode

```
vlan internal allocation policy {ascending | descending}
```

VLAN Configuration Mode

```
remote-span
```

Other Unsupported Commands

Privileged EXEC and User EXEC Mode

renew ip dhcp snooping database
test cable-diagnostics prbs
verify

Clear Commands

All clear dot1x commands
clear ip arp inspection
All clear ip dhcp snooping commands
All clear ipv6 commands

Debug Commands

All debug dot1x commands
All debug ip dhcp snooping commands
debug ip verify source packet
All debug platform commands

Show Commands

show archive log
show cable-diagnostics prbs
All show dot1x commands
show ip arp inspection
All show ip dhcp snooping commands
All show ip source binding commands
show ip verify source
All show ipv6 commands
All show platform commands
show table-map

Global Configuration Mode

All dot1x commands
All event manager commands
exception crashinfo

errdisable detect cause dhcp-rate-limit
errdisable recovery cause dhcp-rate-limit
interface tunnel
All **ip arp inspection** commands
All **ip dhcp snooping** commands
ip source binding
ip sticky-arp
All **macro auto** commands
memory reserve critical
service compress-config

Interface Configuration Mode

All **dot1x** commands
All **ip arp inspection** commands
All **ip dhcp snooping** commands
ip sticky-arp ignore
ip tcp adjust-mss
ip verify source [tracking | vlan]
transmit-interface *type number*

■ Other Unsupported Commands