A P P E N D I X **C**

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."

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 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 [**bfd** | **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 {**bfd** | **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 [**bfd** | **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 verify source [**tracking** | **vlan**]

transmit-interface *type number*