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 Cisco Metro Ethernet (ME) 3400E Ethernet Access 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.

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*].

Unsupported Global Configuration Commands

access-list rate-limit *acl-index* {*precedence* | **mask** *prec-mask*}

access-list dynamic extended

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 User EXEC Command

verify

Unsupported Global Configuration Command

boot buffersize

Debug Commands

debug dot1x feature

debug platform cli-redirection main

debug platform configuration

debug qos

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-va**l [*exit value*] **exit-op** {*gt* | *ge* | *eq* | *ne* |*lt* | *le*} **exit-type { increment | rate | value**}][**average-factor <average-factor-value>**]

no trigger

tag

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

IEEE 802.1x

Unsupported Global Configuration Command

dot1x critical

Unsupported Interface Configuration Commands

dot1x auth-fail

dot1x control-direction

dot1x critical

dot1x host-mode multi-domain

dot1x mac-auth-bypass

dot1x pae

Note   The switch does not support the IEEE 802.1x MAC authentication bypass or guest VLAN features.

Unsupported Privileged EXEC Commands

clear dot1x

clear eap sessions

show eap

Unsupported Global Configuration Command

dot1x critical {eapol | recovery delay *ms*}

Unsupported Interface Configuration Commands

dot1x auth-fail {max-attempts *number*| vlan *vlan-id*}

dot1x control-direction {both | in}

dot1x critical [recovery action reinitialize | vlan *vlan-id*}

dot1x control-direction {both | in}

dot1x mac-auth-bypass

dot1x mac-reauth-req

dot1x pae

dot1x timeout rate-limit period

IGMP Snooping Commands

Unsupported Global Configuration Commands

ip igmp snooping source-only-learning

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*]

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 frame-relay ip rtp header-compression [**interface** *type number*]

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.

show ip pim vc [*group-address* | *name*] [*type number*]

show ip rtp header-compression [*type number*] [**detail**]

Unsupported Global Configuration Commands

All **ip dvmrp** commands

ip multicast-routing vrf *vrf-name*

ip pim accept-rp {*address* | **auto-rp**} [*group-access-list-number*]

ip pim message-interval *seconds*

ip pim register-rate-limit

Unsupported Interface Configuration Commands

frame-relay ip rtp header-compression [**active** | **passive**]

frame-relay map ip *ip-address dlci* [**broadcast**] **compress**

frame-relay map ip *ip-address dlci* **rtp header-compression** [**active** | **passive**]

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 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 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*

show ipv6 (all)

Unsupported Global Configuration Commands

ip accounting-list *ip-address wildcard*

ip as-path access-list

ip accounting-transits *count*

ip cef accounting [**per-prefix**] [**non-recursive**]

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

dampening

ip load-sharing [**per-packet**]

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 precedence** *value*
>
> **set ip** *qos-group*
>
> **set metric-type internal**
>
> **set origin**
>
> **set metric-type internal**
>
> **set tag** *tag-value*

MAC Address

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 multicaset

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

archive config

file verify auto

remote command all

show archive config

show archive log

show cable-diagnostics prbs

show power inline

test cable-diagnostics prbs

Unsupported Global Configuration Commands

exception crashinfo

errdisable detect cause dhcp-rate-limit

errdisable recovery cause dhcp-rate-limit

errdisable recovery cause unicast flood

l2protocol-tunnel global drop-threshold

memory reserve critical

power inline consumption default *wattage*

service compress-config

stack-mac persistent timer

track *object-number* **rtr**

Unsupported show platform Commands

show platform ip unicast vrf {**compaction** | **tcam-label**}

show platform ipv6 unicast

show platform tb

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.)

NetFlow

Unsupported Global Configuration Commands

ip flow-aggregation cache

ip flow-cache entries

ip flow-export

QoS

Unsupported Global Configuration Command

priority-list

Unsupported Interface Configuration Command

priority-group

Unsupported policy-map Class Police Configuration Mode Command

conform-color *class-map* **police configuration**

RADIUS

Unsupported Global Configuration Commands

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

SNMP

Unsupported Global Configuration Commands

snmp-server enable informs

snmp-server ifindex persist

Spanning Tree

Unsupported Global Configuration Command

spanning-tree pathcost method {long | short}

spanning-tree transmit hold-count

Unsupported Interface Configuration Command

spanning-tree stack-port

Storm Control

Note   Although visible in the command line interface, commands for configuring small-frame thresholds are not needed on the switch because the existing broadcast storm disable feature correctly handles small frames.

Unsupported Global Configuration Command

errdisable detect cause small-frame

errdisable recovery cause small-frame

Unsupported Interface Configuration Command

small-frame violation rate

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