



APPENDIX **B**

Unsupported Commands in Cisco IOS Release 12.2(58)SE

This appendix lists some of the command-line interface (CLI) commands that appear when you enter the question mark (?) at the Cisco 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 Privileged EXEC Command

clear ip cgmp

Unsupported Interface Configuration Command

ip cgmp

CGMP 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-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

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 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 ipv6 (all)

Unsupported Global Configuration Commands

ip accounting-list *ip-address wildcard*

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 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
```

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`
`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`

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