



## APPENDIX **B**

# Unsupported Commands in Cisco IOS Release 12.2(58)SE

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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**

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

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### 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**

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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.

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## 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