



Unsupported Commands in Cisco IOS Release 12.2(60)EZ

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

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 dlcid [broadcast] compress

frame-relay map ip ip-address dlcid 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 *vpn4*
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

Metro-Ethernet 3.0 (ITU-T Y.1731)

Unsupported Global Configuration Commands

ethernet y1731 loss LMM domain *domain-name* {*evc evc-id* | *vlan vlan-id*} {*mpid target-mp-id* |
mac-address target-address} CoS *CoS* {*source* {*mpid source-mp-id* | *mac-address source-address*}}

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
```

