List of Supported Commands for Cisco ME 2600X Series Ethernet Access Switch

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Document Release History

Publication Date	Comments
March 19, 2013	Initial release of the document.
September 3, 2013	IPv6 and SSH commands are introduced for this release.

The console may display additional commands, keywords or arguments that are not supported on Cisco ME 2600X. This guide lists only the commands supported on Cisco ME 2600X.

Each command is a hyperlink, and takes you to the command specific documentation available on Cisco.com.

Configuration Commands

aaa accounting {**system** | **network** | **exec** | **connection** | **commands** *level*} {**default** | *list-name*} {**start-stop** | **stop-only** | **none**} **group** *group-name* [*method1* [*method2...*]]

aaa authentication banner *delimiter string delimiter*

aaa authentication enable default *method1* [*method2...*]

aaa authentication fail-message *delimiter string delimiter*

aaa authentication login default [**group** {**radius** [**group tacacs+**] [**local**] | **loginrad**} | **methodname** | **tacacs+ local**]

aaa authentication password-prompt *text-string*

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aaa authorization {**network** | **exec** | **commands** *level* | **reverse-access** | **configuration** | **ipmobile**} {**default** | *list-name*} [*method1* [*method2...*]]

aaa new-model

bandwidth {*kbps* | [**remaining**] **percent** *percentage*}

bandwidth remaining ratio *ratio*

boot system flash sdflash:*filename*

bridge-domain *bridge-domain-id*

bridge-domain *bridge-id* [**split-horizon**]

cdp enable

cdp run

channel-group *channel-number* **mode** {**active** | **passive**}

class {*class-name* | **class-default**}

class-map [**match-any**]| [**match-all**] *class-map-name*

clear ip dhcp snooping database statistics

clear ip icmp rate-limit [*interface-type interface-number*]

clear mac-address-table [**address** *mac-address*] [**interface** *type number*] [**bridge-domain** *bridgedomain-id*]

config-register *0xvalue*

configure terminal

control-plane

copy [**running-config startup-config** | **tftp: ramdisk:**]

crypto key export rsa *key-label* **pem** {**terminal** | **url** *url*} {**3des** | **des**} *passphrase*

crypto key generate rsa [**general-keys** | **usage-keys** | **signature** | **encryption**] [**label** *key-label*] [**exportable**] [**modulus** *modulus-size*] [**storage** *devicename***:**] [**redundancy**] [**on** *devicename***:**]

crypto key import rsa *key-label* **pem** [**usage-keys** | **signature** | **encryption** | **general-purpose**] {**storage** | **terminal** [*passphrase*] | **url** *url* } [**exportable**] [**on** *devicename***:**]

delete {**flash1**: *filename* | **sdflash**: *filename*}

deny {{*src-mac mask* | **any** | **host**} {*dest-mac mask* | **any** | **host**} [*protocol* [*cos value*]]}

deny *tcp* **host** *ip* **any**

dir {*all-filesystems* | *ramdisk* | *sdflash:*}

duplex [**auto** | **half** | **full**]

enable password [**level** *level-number*] {*password* | *encryption-type encrypted-password*}

enable secret [**level** *level-number*] {*password* | *encryption-type encrypted-password*}

encapsulation dot1q {**any** | *vlan-id* [*vlan-id* [*-vlan-id*]]} **second-dot1q** {**any** | *vlan-id* [*vlan-id* [*-vlan-id*]]}

encapsulation untagged

errdisable recovery cause mac-security

format *sdflash*

hostname *name*

interface {*type* {*slot/port* | *number*} | *interface-id* | **port-channel** *number*}

ip access-group *access-list-name* {**in** | **out**}

ip access-list {{**standard** | **extended**} {*access-list-name* | *access-list-number*} | **helper egress check**}

ip address

ip arp inspection bridge-domain {*bridge-domain_ID* | *bridge-domain_range*}

ip arp inspection bridge-domain *range* **logging** {**acl-match** | **dhcp-bindings**} {**all** | **none** | **permit**}

ip arp inspection limit {**rate** *pps* [**burst interval** *seconds*] | **none**}

ip arp inspection log-buffer {**entries** *number* | **logs** *number_of_messages* **interval** *length_in_seconds*}

ip arp inspection trust

ip arp inspection validate {[**dst-mac**] [**ip**] [**src-mac**]}

ip default-gateway *ip-address*

ip dhcp snooping binding mac address bridge-domain *bridge-domain_id* **ip_address interface** *ifname* **efp_id** *efp-id* **expiry** *sec*

ip dhcp snooping database {*_url* | **write-delay** *seconds* | **timeout** *seconds*}

ip dhcp snooping information option [**allow-untrusted**]

ip dhcp snooping limit rate *rate*

ip dhcp snooping trust

ip dhcp snooping verify mac-address

ip icmp rate-limit unreachable [**df**][*ms*] [**log** [*packets*] [*interval-ms*]]

ip igmp snooping

ip igmp snooping immediate-leave

ip igmp snooping mrouter

ip igmp snooping report-suppression

ip route

ip ssh version [**1** | **2**]

ip verify source bridge-domain dhcp-snooping

ipv6 access-list *id* [**line** *num*] {**permit** | **deny**} *protocol source* [*src_port*] *destination* [*dst_port*]

ipv6 address *ipv6-prefix/prefix-length* **anycast**

ipv6 address autoconfig

ipv6 address *ipv6-address* [**eui-64**]

ipv6 address *ipv6-address* **link-local**

ipv6 enable

ipv6 nd dad attempts *value*

ipv6 nd ns-interval *value*

ipv6 nd prefix *ipv6-prefix/prefix-length*

ipv6 nd ra-interval [**msec**] *value*

ipv6 nd ra-lifetime *value*

ipv6 nd reachable-time *value*

ipv6 nd suppress-ra

ipv6 neighbor *ipv6_address if_name mac_address*

ipv6 route *interface_name destination next_hop_ipv6_addr* [*admin_distance*]

lacp fast-switchover

lacp max-bundle *number*

lacp min-bundle *min-bundle-number*

lacp port-priority

lacp system-priority *priority*

line [**aux** | **console** | **tty** | **vty**] *line-number* [*ending-line-number*]

login

mac access-group *access-list-name* **in**

mac access-list extended *name*

mac limit maximum addresses *maximum-addresses*

mac security [**address** {**permit** | **deny**} *mac-address* | **maximum addresses** *maximum-addresses* | **sticky** [address mac-address] | **violation** {**protect** | **restrict**}]

mac static address *mac-address*

match cos *cos-number*

match ip precedence *ip-precedence-value*

match qos-group *qos-group-number*

match vlan [*vlanid*]

mvr

mvr group *ip-address count*

mvr type {*receiver* **bridge-domain** *id* | *source*}

password *password*

permit {*src-mac mask* | **any** | **host**} {*dest-mac mask* | **any** | **host**}

permit *tcp* **host**

police [**cir** | **rate**] *bps-value* [**bc** | **burst**] *bc* [**be** | **peak-burst**] *be* **conform-action** *action* **exceed-action** *action* **violate-action** *action*

police cir percent

policy-map *policy-map-name*

port-channel load-balance {**link** *link-id*}

priority {*bandwidth value* | **percent** *x%*}

radius-server host {*hostname* | *ip-address*}

radius server key *key*

reload

rep admin vlan *vlan-id*

rep block port {**id** *port-id* | *neighbor-offset* | **preferred**} **vlan** {*vlan-list* | **all**}

rep lsl-age-timer [*value*]

rep lsl-retries [*count*]

rep preempt delay [*value*]

rep preempt segment [*segment id*]

rep segment *segment-id* [**edge** [**no-neighbor**] [**primary**]] [**preferred**]

rep stcn {**interface** *interface-id* | **segment** *segment-id-list*}

rewrite ingress tag {**push** {**dot1q** *vlan-id* | **dot1q** *vlan-id* **second-dot1q** *vlan-id* | **dot1ad** *vlan-id* **dot1q** *vlan-id*} | **pop** {**1** | **2**} | **translate** {**1-to-1** {**dot1q** *vlan-id* | **dot1ad** *vlan-id*}| **2-to-1 dot1q** *vlan-id* | **dot1ad** *vlan-id*}| **1-to-2** {**dot1q** *vlan-id* **second-dot1q** *vlan-id* | **dot1ad** *vlan-id* **dot1q** *vlan-id*} | **2-to-2** {**dot1q** *vlan-id* **second-dot1q** *vlan-id* | **dot1ad** *vlan-id* **dot1q** *vlan-id*}} {**symmetric**}

rmon alarm *number variable interval* {**delta** | **absolute**} **rising-threshold** *value* [*event-number*] **falling-threshold** *value* [*event-number*] [**owner** *string*]

rmon event *number* [**log**] [**trap** *community*] [**description** *string*] [**owner** *string*]

service instance id ethernet [*service-name*}

service-policy {**input** | **output**} *policy-map-name*

set cos *cos-value*

set ip dscp *ip-dscp-value*

set ip precedence *ip precedence value*

set qos group *qos-group-value*

shape average *cir value*

speed [**auto** | **1000** | **100** | **10**]

ssh -l *userid ip-address*

storm-control {{**broadcast** | **multicast**} **cir** *cir-value* | **action shutdown**}

tacacs server key *string*

test flash burn rommon ramdisk:

username *name* [**nopassword** | **password** *password* | **password** *encryption-type encrypted-password*] | [**access-class** *number*] | [**privilege** *level*]

write memory

Show Commands

do show ip arp inspection [**bridge-domain** {*bridge-domain_ID* | *bridge-domain_range*} | **begin bridge-domain**]

do show ip arp inspection log | include Size

do show ip dhcp snooping

do show running-config | include ip arp inspection bridge-domain

show aaa local user lockout

show aaa servers

show aaa user

show bridge-domain id mac security [**address** | **last violation** | **statistics**]

show cdp entry

show cdp interface

show cdp neighbors

show cdp traffic

show class-map

show controllers

show crypto key mypubkey rsa

show ethernet service instance [[**id** *id* **interface** *interface-id*] **mac security** [**address** | **last violation** | **statistics**]] [**load-balance** | **platform** | **stats**]

show file systems

show interfaces [**stats**]

show interfaces port-channel *number* [**stats**]

show ip arp inspection [**bridge-domain** [{*bridge-domain_ID* | *bridge-domain_range*} | **begin bridge-domain**] | **interfaces** | **statistics** [**bridge-domain** *number*]]

show ip arp inspection log | **include Size**

show ip dhcp snooping binding

show ip dhcp snooping database [**detail**]

show ip icmp rate-limit [*interface-type interface-number*]

show ip igmp snooping [**groups**] [**querier** [**vlan** *bridge-domain ID*] [**detail**]] [**mrouter**]

show ip interface [**brief**]

show ip verify source

show ipv6 interface [*interface_name*]

show ipv6 route

show lacp {*channel-group-number* | **counters** | **internal** [**detail**] | **neighbor** [**detail**] | **sys-id**}

show logging count

show logging history

show logging persistent

show logging xml

show mac-address-table {**address** *mac-addr* | **bridge-domain** *bridge-domain-id* | **interface** *type number*}

show mac-address-table aging-time

show memory

show mvr

show mvr groups

show mvr interface

show mvr receiver ports

show mvr source ports

show policy-map *policy-map-name* **class** *class-name*

show policy-map control-plane

show policy-map interface *interface-type interface-number*

show processes

show protocols

show rep topology [**detail**]

show rmon alarms

show rmon events

show running-config [**aaa** | **interface** [**port-channel** *channel-number*]]

show stacks

show tacacs

show tcp

show tcp brief [**all**]

show tech-support [**page**] [**password**]

show version