

clear mls multicast statistics

To remove MLS multicast statistics maintained by the MSFC on the switch, use the **clear mls multicast statistics** command.

clear mls multicast statistics [*mod*]

Syntax Description

mod (Optional) Number of the MSFC; valid values are **15** and **16**.

Defaults

This command has no default settings.

Command Types

Switch command.

Command Modes

Privileged.

Usage Guidelines

If you enter the **clear mls multicast statistics** command on a Catalyst 6500 series switch without MLS, this warning message is displayed:

```
MLS Multicast is not supported on feature card.
```

If you place the MFSC on a supervisor engine installed in slot 1, the MFSC is recognized as module 15. If you install the supervisor engine in slot 2, the MFSC is recognized as module 16.

The *mod* option is not supported on switches configured with the Supervisor Engine 2 with Layer 3 Switching Engine II (PFC2).

Examples

This example shows how to clear MLS statistics on a switch configured with the Supervisor Engine 1 with Layer 3 Switching Engine WS-F6K-PFC (Policy Feature Card):

```
Console> (enable) clear mls multicast statistics  
All statistics for the MLS routers in include list are cleared.  
Console> (enable)
```

This example shows how to clear MLS statistics on a switch configured with the Supervisor Engine 2 with Layer 3 Switching Engine II (PFC2):

```
Console> (enable) clear mls multicast statistics  
All statistics cleared.  
Console> (enable)
```

Related Commands

[show mls statistics](#)

clear mls nde flow

To reset the NDE filters in the Catalyst 6500 series switches, use the **clear mls nde flow** command.

clear mls nde flow

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines Clearing both exclusion and inclusion filters results in exporting of all flows.

Examples This example shows how to clear the NDE exclusion and inclusion filters and export all flows:

```
Console> (enable) clear mls nde flow
Netflow data export filter cleared.
Console> (enable)
```

Related Commands [set mls nde](#)
[show mls exclude protocol](#)

clear mls statistics

To clear hardware-installed MLS statistics entries, use the **clear mls statistics** command.

clear mls statistics

clear mls statistics protocol {*protocol port*} | **all**

Syntax Description		
statistics		Clears total packets switched and total packets exported (for NDE).
statistics protocol		Clears protocols for statistics collection.
<i>protocol</i>		Number of the protocol in the protocol statistics list.
<i>port</i>		Number of the port.
all		Clears all entries from the statistics protocol list.

Defaults

This command has no default settings.

Command Types

Switch command.

Command Modes

Privileged.

Usage Guidelines

To use a router as an MLS, you must meet these conditions:

- The router must be included (either explicitly or automatically) in the MLS-SE.
- The MLS feature must be enabled in the Catalyst 6500 series switches.
- Catalyst 6500 series switches must know the router's MAC-VLAN pairs.

If you enter any of the **clear mls statistics** commands on a Catalyst 6500 series switch without MLS, this warning message displays:

```
Feature not supported in hardware.
```

When you remove an MSM from the Catalyst 6500 series switch, it is removed immediately from the inclusion list and all the MLS entries for the MSM are removed.

Examples

This example shows how to clear IP MLS statistics, including total packets switched and total packets exported (for NDE):

```
Console> (enable) clear mls statistics
Netflow data export statistics cleared.
Console> (enable)
```

This example shows how to clear protocol 17, port 19344 from the statistics collection:

```
Console> (enable) clear mls statistics protocol 17 19344
Protocol 17 port 1934 cleared from protocol statistics list.
Console> (enable)
```

■ clear mls statistics

Related Commands [set mls statistics protocol](#)
[show mls statistics](#)

clear mls statistics entry

To clear statistics for MLS entries, use the **clear mls statistics entry** command.

```
clear mls statistics entry [ip | ipx] all
```

```
clear mls statistics entry ip [destination ip_addr_spec] [source ip_addr_spec]
[protocol protocol] [src-port src_port] [dst-port dst_port]
```

```
clear mls statistics entry ipx destination ipx_addr_spec
```

Syntax Description	
ip	(Optional) Specifies IP MLS.
ipx	(Optional) Specifies IPX MLS.
all	Purges all matching MLS entries.
destination	(Optional) Specifies the destination IP address.
<i>ip_addr_spec</i>	(Optional) Full IP address or a subnet address in these formats: <i>ip_addr</i> , <i>ip_addr/netmask</i> , or <i>ip_addr/maskbit</i> .
source	(Optional) Specifies the source IP address.
protocol <i>protocol</i>	(Optional) Specifies additional flow information (protocol family and protocol port pair) to be matched; valid values are from 0 to 255 or ip , ipinip , icmp , igmp , tcp , and udp .
src-port <i>src_port</i>	(Optional) Specifies the source port IP address; valid values are from 1 to 65535, dns , ftp , smtp , telnet , x (X-Windows), www .
dst-port <i>dst_port</i>	(Optional) Specifies the destination port IP address; valid values are from 1 to 65535, dns , ftp , smtp , telnet , x (X-Windows), www .
<i>ipx_addr_spec</i>	(Optional) Full IPX address or a subnet address in these formats: <i>src_net/[mask]</i> , <i>dest_net.dest_node</i> , or <i>dest_net/mask</i> .

Defaults

This command has no default settings.

Command Types

Switch command.

Command Modes

Privileged.

Usage Guidelines

If you specify the **ip** keyword or do not enter a keyword, the command supports IP MLS. If you specify the **ipx** keyword, the command supports IPX only.

When you remove an MSM from the Catalyst 6500 series switch, it is removed immediately from the inclusion list and all the MLS entries for the MSM are removed.

When entering the IPX address syntax, use the following format:

- IPX net address—1..FFFFFFFE
- IPX node address—x.x.x where x is 0..FFFF

- IPX address—`ipx_net.ipx_node` (for example 3.0034.1245.AB45, A43.0000.0000.0001)

Up to 16 routers can be included explicitly as MLS-RPs.

To use a router as an MLS, you must meet these conditions:

- The router must be included (either explicitly or automatically) in the MLS-SE.
- The MLS feature must be enabled in the Catalyst 6500 series switches.
- Catalyst 6500 series switches must know the router's MAC-VLAN pairs.

Use the following syntax to specify an IP subnet address:

- *ip_subnet_addr*—This is the short subnet address format. The trailing decimal number 00 in an IP address YY.YY.YY.00 specifies the boundary for an IP subnet address. For example, 172.22.36.00 indicates a 24-bit subnet address (subnet mask 172.22.36.00/255.255.255.0), and 173.24.00.00 indicates a 16-bit subnet address (subnet mask 173.24.00.00/255.255.0.0). However, this format can identify only a subnet address of 8, 16, or 24 bits.
- *ip_addr/subnet_mask*—This is the long subnet address format. For example, 172.22.252.00/255.255.252.00 indicates a 22-bit subnet address. This format can specify a subnet address of any bit number. To provide more flexibility, the *ip_addr* is a full host address, such as 172.22.253.1/255.255.252.00.
- *ip_addr/maskbits*—This is the simplified long subnet address format. The mask bits specify the number of bits of the network masks. For example, 172.22.252.00/22 indicates a 22-bit subnet address. The *ip_addr* is a full host address, such as 193.22.253.1/22, which has the same subnet address as the *ip_subnet_addr*.

A 0 value for *src_port* and *dest_port* clears all entries. Unspecified options are treated as wildcards, and all entries are cleared.

If you enter any of the **clear mls** commands on a Catalyst 6500 series switch without MLS, this warning message displays:

```
Feature not supported in hardware.
```

Examples

This example shows how to clear all specific MLS entries:

```
Console> (enable) clear mls statistics entry ip all
Multilayer switching entry cleared
Console> (enable)
```

This example shows how to clear specific IPX MLS entries for a destination IPX address:

```
Console> (enable) clear mls statistics entry ipx destination 1.0002.00e0.fefc.6000
MLS IPX entry cleared.
Console> (enable)
```

Related Commands

[show mls](#)

clear module password

To clear the password set by the **password** *[username]* NAM command, use the **clear module password** command.

clear module password *mod*

Syntax Description

mod Number of the NAM.

Defaults

This command has no default settings.

Command Types

Switch command.

Command Modes

Privileged.

Usage Guidelines

This command is supported by the NAM only.

The **password** *[username]* command is a NAM command and not a supervisor engine console command.

A message is displayed when the password is successfully cleared. See the “Examples” section for an example of the message.

Examples

This example shows how to clear the password from the NAM:

```
Console> (enable) clear module password 6
Module 6 password cleared.
Console> (enable) 2000 Apr 07 11:03:06 %SYS-5-MOD_PASSWDCLR:Module 6 password cl
eared from telnet/10.6.1.10/tester
Console> (enable)
```

Related Commands

password (refer to the *NAM Installation and Configuration Note*)

clear multicast router

To clear manually configured multicast router ports from the multicast router port list, use the **clear multicast router** command.

```
clear multicast router {mod/port | all}
```

Syntax Description	
<i>mod/port</i>	Number of the module and the port on the module.
all	Specifies all multicast router ports to be cleared.

Defaults The default configuration has no multicast router ports configured.

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to clear multicast router port 1 on module 3:

```
Console> (enable) clear multicast router 3/1
Port 3/1 cleared from multicast router port list.
Console> (enable)
```

Related Commands [set multicast router](#)
[show multicast router](#)

clear ntp server

To remove one or more servers from the NTP server table, use the **clear ntp server** command.

```
clear ntp server {ip_addr | all}
```

Syntax Description	<i>ip_addr</i>	IP address of the server to remove from the server table.
	all	Specifies all server addresses in the server table to be removed.

Defaults The default configuration has no NTP servers configured.

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to remove a specific NTP server from the server table:

```
Console> (enable) clear ntp server 172.20.22.191  
NTP server 172.20.22.191 removed.  
Console> (enable)
```

This example shows how to remove all NTP servers from the server table:

```
Console> (enable) clear ntp server all  
All NTP servers cleared.  
Console> (enable)
```

Related Commands

show ntp **clear ntp timezone**

To return the time zone to its default, UTC, use the **clear ntp timezone** command.

clear ntp timezone

Syntax Description This command has no arguments or keywords.

Defaults The default time zone is UTC.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines The **clear ntp timezone** command functions only when NTP is running. If you set the time manually and NTP is disengaged, the **clear ntp timezone** command has no effect.

Examples This example shows how to clear the time zone:

```
Console> (enable) clear ntp timezone
This command will clear NTP timezone and summertime zonename
Do you want to continue (y/n) [n]? y
Timezone name and offset cleared
Console> (enable)
```

Related Commands [set ntp timezone](#)
[show ntp](#)

clear pbf

To remove the MAC address for the PFC2, use the **clear pbf** command.

clear pbf

Syntax Description This command has no keywords or arguments.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines Refer to the “Configuring Policy-Based Forwarding” section of Chapter 16, “Configuring Access Control,” in the *Catalyst 6500 Series Switch Software Configuration Guide* for detailed information about PBF.

Examples

```
Console> (enable) clear pbf
PBF cleared
Console> (enable)
```

Related Commands [set pbf](#)
[show pbf](#)

clear pbf-map

To clear PBF map information, use the **clear pbf-map** command.

```
clear pbf-map {vlan vlan} | all | {ip_addr_1} {mac_addr_1} {vlan_1} {ip_addr_2}
{mac_addr_2} {vlan_2}
```

Syntax Description		
vlan <i>vlan</i>		Clears the ACL with the name PBF_MAP_ACL_ <i>vlan</i> and the adjacency table used by this ACL.
all		Clears all adjacency information and ACLs that were created by entering the set pbf-map command.
<i>ip_addr_1</i>		IP address of host 1.
<i>mac_addr_1</i>		MAC address of host 1.
<i>vlan_1</i>		Number of the first VLAN.
<i>ip_addr_2</i>		IP address of host 2.
<i>mac_addr_2</i>		MAC address of host 2.
<i>vlan_2</i>		Number of the second VLAN.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines When you enter **clear pbf-map** {*ip_addr_1*} {*mac_addr_1*} {*vlan_1*} {*ip_addr_2*} {*mac_addr_2*} {*vlan_2*}, all ACEs that were created by entering the **set pbf-map** command are cleared, except **permit ip any any**. This command removes entries that enable traffic between hosts with *ip_addr_1* and *ip_addr_2* on the two specified VLANs.

Use the **clear pbf-map** command to delete the redirect-to-adjacency ACEs and adjacency information contained in the PBF_MAP_ACL_(VLAN_ID) ACL.

Use the **clear security acl** command to clear all other ACE types that are part of the PBF_MAP_ACL_(VLAN_ID) ACL.

If entries were already deleted by using the **clear security acl** command, a message displays stating that the specified entries were already cleared.

Examples This example shows how to clear the ACL with the name PBF_MAP_ACL_11:

```
Console> (enable) clear pbf-map vlan 11
ACL 'PBF_MAP_ACL_11' successfully deleted.
Console> (enable) Commit operation successful.
Console> (enable)
```

This example shows how to clear all adjacency information and ACLs that were created by entering the **set pbf-map** command:

```
Console> (enable) clear pbf-map all  
ACL 'PBF_MAP_ACL_11' successfully deleted.  
Console> (enable)  
ACL 'PBF_MAP_ACL_22' successfully deleted.  
Console> (enable)
```

This example shows how to clear all entries that enable traffic between the two specified hosts:

```
Console> (enable) clear pbf-map 1.1.1.1 0-0-0-0-1 11 2.2.2.2 0-0-0-0-2 22  
ACL 'PBF_MAP_ACL_11' successfully committed.  
Console> (enable)  
ACL 'PBF_MAP_ACL_22' successfully committed.  
Console> (enable)
```

Related Commands

[clear security acl](#)
[set pbf-map](#)
[show pbf-map](#)

clear port broadcast

To disable broadcast/multicast suppression on one or more ports, use the **clear port broadcast** command.

clear port broadcast *mod/port*

Syntax Description	<i>mod/port</i> Number of the module and the port on the module.
---------------------------	--

Defaults	The default configuration has broadcast/multicast suppression cleared (that is, unlimited broadcast/multicast traffic allowed).
-----------------	---

Command Types	Switch command.
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Command Modes	Privileged.
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Examples	This example shows how to disable broadcast/multicast suppression:
-----------------	--

```
Console> (enable) clear port broadcast 2/1
Broadcast traffic unlimited on ports 2/1.
Console> (enable)
```

Related Commands	set port broadcast show port broadcast
-------------------------	---

clear port cops

To clear port roles, use the **clear port cops** command.

```
clear port cops mod/port roles role1 [role2]...
```

```
clear port cops mod/port all-roles
```

Syntax Description	<i>mod/port</i>	Number of the module and the port on the module.
	roles <i>role#</i>	Specifies the roles to clear.
	all-roles	Clears all roles.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines The **clear port cops** command detaches the roles from the port only; it does not remove them from the global table.

Examples This example shows how to remove specific roles from a port:

```
Console> (enable) clear port cops 3/1 roles backbone_port main_port
Roles cleared for port(s) 3/1-4.
Console> (enable)
```

This example shows how to remove all roles from a port:

```
Console> (enable) clear port cops 3/1 all-roles
All roles cleared for port 3/1-4.
Console> (enable)
```

Related Commands [set port cops](#)
[show port cops](#)

clear port host

To clear the port configuration for optimizing a host connection, use the **clear port host** command.

clear port host *mod/port*

Syntax Description	<i>mod/port</i> Number of the module and the port on the module.
---------------------------	--

Defaults	This command has no default settings.
-----------------	---------------------------------------

Command Types	Switch command.
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Command Modes	Privileged.
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Usage Guidelines	<p>This command is not supported by the NAM.</p> <p>The clear port host command sets channel mode to auto, disables spanning tree PortFast, and sets the trunk mode to auto.</p>
-------------------------	---

Examples	This example shows how to remove specific roles from a port:
-----------------	--

```
Console> (enable) clear port host 5/5
Port(s) 5/5 trunk mode set to auto.
Spantree port 5/5 fast start disabled.
Port(s) 5/5 channel mode set to auto.
Console> (enable)
```

Related Commands	set port host
-------------------------	-------------------------------

clear port qos cos

To return the values set by the **set port qos cos** command to the default settings for all specified ports, use the **clear port qos cos** command.

```
clear port qos mod/ports.. cos
```

Syntax Description

mod/ports.. Number of the module and ports on the module.

Defaults

The default CoS for a port is 0.

Command Types

Switch command.

Command Modes

Privileged.

Examples

This example shows how to return the values set by the **set port qos cos** command to the default settings for module 2, port 1:

```
Console> (enable) clear port qos 2/1 cos  
Port 2/1 qos cos setting cleared.  
Console> (enable)
```

Related Commands

[set port qos cos](#)
[show port qos](#)

clear port security

To clear all MAC addresses or a specific MAC address from the list of secure MAC addresses on a port, use the **clear port security** command.

```
clear port security modlport {mac_addr | all}
```

Syntax Description	
<i>modlport</i>	Number of the module and the port on the module.
<i>mac_addr</i>	MAC address to be deleted.
all	Removes all MAC addresses.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to remove a specific MAC address from a port's list of secure addresses:

```
Console> (enable) clear port security 4/1 00-11-22-33-44-55
00-11-22-33-44-55 cleared from secure address list list for port 4/1.
Console> (enable)
```

Related Commands [set port security](#)
[show port security](#)

clear pvlan mapping

To delete a private VLAN mapping, use the **clear pvlan mapping** command.

```
clear pvlan mapping primary_vlan { isolated_vlan | community_vlan | twoway_community_vlan }
mod/port
```

```
clear pvlan mapping mod/port
```

Syntax Description

<i>primary_vlan</i>	Number of the primary VLAN.
<i>isolated_vlan</i>	Number of the isolated VLAN.
<i>community_vlan</i>	Number of the community VLAN.
<i>twoway_community_vlan</i>	Number of the two-way community VLAN.
<i>mod/port</i>	Number of the module and promiscuous port.

Defaults

This command has no default settings.

Command Types

Switch command.

Command Modes

Privileged.

Usage Guidelines

If you do not specify the mapping to clear, all the mappings of the specified promiscuous ports are cleared.

Examples

This example shows how to clear the mapping of VLAN 902 to 901, previously set on ports 3/2-5:

```
Console> (enable) clear pvlan mapping 901 902 3/2-5
Successfully cleared mapping between 901 and 902 on 3/2-5
Console> (enable)
```

Related Commands

```
clear config pvlan
clear vlan
set pvlan
set pvlan mapping
set vlan
show pvlan
show pvlan mapping
show vlan
```

clear qos acl

To remove various ACL configurations, use the **clear qos acl** command.

```
clear qos acl acl_name [editbuffer_index]
```

```
clear qos acl default-action {ip | ipx | mac | all}
```

```
clear qos acl map {acl_name} {mod/port | vlan}
```

```
clear qos acl map {acl_name | mod/port | vlan | all}
```

Syntax Description

<i>acl_name</i>	Unique name that identifies the list to which the entry belongs.
<i>editbuffer_index</i>	(Optional) ACE position in the ACL.
default-action	Removes default actions.
ip	Clears IP ACE default actions.
ipx	Clears IPX ACE default actions.
mac	Clears MAC-layer ACE default actions.
all	Clears all ACE default actions.
map	Detaches an ACL.
<i>mod/port</i>	Number of the module and the port on the module.
<i>vlan</i>	Number of the VLAN; valid values are from 1 to 1000 and from 1025 to 4094.
all	Detaches an ACL from all interfaces.

Defaults

The default is no ACLs are attached.

Command Types

Switch command.

Command Modes

Privileged.

Usage Guidelines

Changes you make by entering this command are saved to NVRAM and hardware only after you enter the **commit** command.

Use the **show qos acl editbuffer** command to display the ACL list.

Examples

This example shows how to detach an ACL from all interfaces:

```
Console> (enable) clear qos acl map my_acl all
Hardware programming in progress...
ACL my_acl is detached from all interfaces.
Console> (enable)
```

This example shows how to detach an ACL from a specific VLAN:

```
Console> (enable) clear qos acl map ftp_acl 4  
Hardware programming in progress...  
ACL ftp_acl is detached from vlan 4.  
Console> (enable)
```

This example shows how to delete a specific ACE:

```
Console> (enable) clear qos acl my_ip_acl 1  
ACL my_ip_acl ACE# 1 is deleted.  
my_ip_acl editbuffer modified. Use 'commit' command to apply changes.  
Console> (enable)
```

This example shows how to delete an ACL:

```
Console> (enable) clear qos acl my_ip_acl  
ACL my_ip_acl is deleted.  
my_ip_acl editbuffer modified. Use 'commit' command to apply changes.  
Console> (enable)
```

This example shows how to detach a specific ACL from all interfaces:

```
Console> (enable) clear qos acl map my_acl all  
Hardware programming in progress...  
ACL my_acl is detached from all interfaces.  
Console> (enable)
```

This example shows how to detach a specific ACL from a specific VLAN:

```
Console> (enable) clear qos acl map ftp_acl 4  
Hardware programming in progress...  
ACL ftp_acl is detached from vlan 4.  
Console> (enable)
```

This example shows how to delete IP ACE default actions configured by the [set qos acl default-action](#) command:

```
Console> (enable) clear qos acl default-action ip  
Hardware programming in progress...  
QoS default-action for IP ACL is restored to default setting.  
Console> (enable)
```

Related Commands

[commit](#)
[rollback](#)
[show qos acl editbuffer](#)

clear qos config

To the default settings and delete the CoS assigned to MAC addresses, use the **clear qos config** command to return the values set by the **set qos** command.

clear qos config

Syntax Description This command has no arguments or keywords.

Defaults The default is QoS is disabled.

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to return the values set by the **set qos** command to the default settings and delete the CoS assigned to MAC addresses:

```
Console> (enable) clear qos config
This command will disable QoS and take values back to factory default.
Do you want to continue (y/n) [n]? y
QoS config cleared.
Console> (enable)
```

Related Commands [set qos](#)
[show qos info](#)

clear qos cos-dscp-map

To clear CoS-to-DSCP mapping set by the [set qos cos-dscp-map](#) command and return to the default setting, use the **clear qos cos-dscp-map** command.

clear qos cos-dscp-map

Syntax Description This command has no arguments or keywords.

Defaults The default CoS-to-DSCP configuration is listed in [Table 2-2](#).

Table 2-2 CoS-to-DSCP Default Mapping

CoS	0	1	2	3	4	5	6	7
DSCP	0	8	16	24	32	40	48	56

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to clear the CoS-to-DSCP mapping table:

```
Console> (enable) clear qos cos-dscp-map
QoS cos-dscp-map setting restored to default.
Console> (enable)
```

Related Commands [set qos cos-dscp-map](#)
[show qos maps](#)

clear qos dscp-cos-map

To clear DSCP-to-CoS mapping set by the **set qos dscp-cos-map** command and return to the default setting, use the **clear qos dscp-cos-map** command.

clear qos dscp-cos-map

Syntax Description This command has no arguments or keywords.

Defaults The default DSCP-to-CoS configuration is listed in [Table 2-3](#).

Table 2-3 DSCP-to-CoS Default Mapping

DSCP	0 to 7	8 to 15	16 to 23	24 to 31	32 to 39	40 to 47	48 to 55	56 to 63
CoS	0	1	2	3	4	5	6	7

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to clear the DSCP-to-CoS mapping table:

```
Console> (enable) clear qos dscp-cos-map
QoS dscp-cos-map setting restored to default.
Console> (enable)
```

Related Commands [set qos dscp-cos-map](#)
[show qos maps](#)

clear qos ipprec-dscp-map

To reset the mapping set by the [set qos ipprec-dscp-map](#) command to the default setting, use the **clear qos ipprec-dscp-map** command.

clear qos ipprec-dscp-map

Syntax Description This command has no arguments or keywords.

Defaults The default IP precedence-to-DSCP configuration is listed in [Table 2-4](#).

Table 2-4 IP Precedence-to-DSCP Default Mapping

IPPREC	0	1	2	3	4	5	6	7
DSCP	0	8	16	24	32	40	48	56

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to clear the IP precedence-to-DSCP mapping table:

```
Console> (enable) clear qos ipprec-dscp-map
QoS ipprec-dscp-map setting restored to default.
Console> (enable)
```

Related Commands [set qos ipprec-dscp-map](#)
[show qos maps](#)

clear qos mac-cos

To clear the values set by the **set qos mac-cos** command, use the **clear qos mac-cos** command.

```
clear qos mac-cos dest_mac [vlan]
```

```
clear qos mac-cos all
```

Syntax Description	
<i>dest_mac</i>	Number of the destination host MAC address.
<i>vlan</i>	(Optional) Number of the VLAN; valid values are from 1 to 1000 and from 1025 to 4094.
all	Clears CoS values for all MAC/VLAN pairs.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines If the *vlan* value is not entered, all entries for the MAC address are cleared.

Examples This example shows how to clear the values set by the **set qos mac-cos** command and return to the default settings for all MAC address and VLAN pairs:

```
Console> (enable) clear qos mac-cos all
All CoS to Mac/Vlan entries are cleared.
Console> (enable)
```

This example shows how to clear the values set by the **set qos mac-cos** command and return to the default settings for a specific MAC address:

```
Console> (enable) clear qos mac-cos 1-2-3-4-5-6 1
CoS to Mac/Vlan entry for mac 01-02-03-04-05-06 vlan 1 is cleared.
Console> (enable)
```

Related Commands [set qos mac-cos](#)
[show qos mac-cos](#)

clear qos map

To return the values to the default settings, use the **clear qos map** command.

```
clear qos map port_type tx | rx
```

Syntax Description	<i>port_type</i>	Port type; valid values are 2q2t , 1p3q1t , and 1p2q2t for transmit and 1p1q4t and 1p1q0t for receive. See the “Usage Guidelines” section for additional information.
	tx rx	Specifies the transmit or receive queue.

Defaults

The default mappings for all ports are shown in [Table 2-5](#) and [Table 2-6](#) and apply to all ports.

Table 2-5 Default Transmit Queue and Drop-Threshold Mapping of CoS Values

Port Type	Drop Threshold Type	Low Delay (Queue 2)	High Delay (Queue 1)	Priority Delay (Queue 3)
2q2t	Low drop (Threshold 2)	7, 6	3, 2	N/A
	High drop (Threshold 1)	5, 4	1, 0	N/A
1p2q2t	Low drop (Threshold 2)	7	3, 2	N/A
	High drop (Threshold 1)	5, 4	1, 0	5

Table 2-6 Default Receive Drop-Threshold Mapping of CoS Values

Port Type	Threshold 1 (highest drop)	Threshold 2	Threshold 3	Threshold 4 (lowest drop)	Priority Queue
1p1q0t	0, 1	2, 3	4, 5	7	6
1p1q4t	0, 1	2, 3	4, 5	7	6

Command Types

Switch command.

Command Modes

Privileged.

Usage Guidelines

The **1p2q1t** and **1p1q8t** port types are not supported.

Examples

This example shows how to return the values to the default settings:

```
Console> (enable) clear qos map 2q2t  
This command will take map values back to factory default.  
QoS map cleared.  
Console> (enable)
```

Related Commands

[set qos map](#)
[show qos maps](#)

clear qos policed-dscp-map

To reset the policer-to-dscp mapping table to the defaults, use the **clear qos policed-dscp-map**.

clear qos policed-dscp-map

Syntax Description This command has no arguments or keywords.

Defaults The default is the identity function; for example, DSCP 63 to policed DSCP 63 and DSCP 62 to policed DSCP 62.

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to reset the mapping to the defaults:

```
Console> (enable) clear qos policed-dscp-map
QoS policed-dscp-map setting restored to default.
Console> (enable)
```

Related Commands [set qos policed-dscp-map](#)
[show qos maps](#)

clear qos policer

To clear policing rules from NVRAM, use the **clear qos policer** command.

```
clear qos policer microflow microflow_name | all
```

```
clear qos policer aggregate aggregate_name | all
```

Syntax Description		
microflow	<i>microflow_name</i>	Specifies the name of the microflow policing rule.
aggregate	<i>aggregate_name</i>	Specifies the name of the aggregate policing rule.
all		Clears all policing rules.

Defaults This command has no default setting in systems configured with the Supervisor Engine 1 with Layer 3 Switching Engine (PFC); in systems configured with Supervisor Engine 2 with Layer 3 Switching Engine II (PFC2), the default is to apply the given map to the normal rate only.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines Policing is the process by which the switch limits the bandwidth consumed by a flow of traffic. Policing can mark or drop traffic.

You cannot clear an entry that is currently being used in an ACE. You must first detach the ACEs from the interface.

You cannot use the **all** keyword if a microflow rate limit is currently being used in an ACE.

The **normal** and **excess** keywords are supported on systems configured with the Supervisor Engine 2 with Layer 3 Switching Engine II (PFC2) only. With these keywords, you can specify a map for the normal rate and one for the excess rate. Because this selection is optional in the CLI, the default (unspecified) action is to apply the given map to the normal rate only.

Examples This example shows how to clear a specific microflow policing rule:

```
Console> (enable) clear qos policer microflow my_micro
my_micro QoS microflow policer cleared.
Console> (enable)
```

This example shows how to clear all microflow policing rules:

```
Console> (enable) clear qos policer microflow all
All QoS microflow policers cleared.
Console> (enable)
```

This example shows how to clear a specific aggregate policing rule:

```
Console> (enable) clear qos policer aggregate my_micro  
my_micro QoS microflow policer cleared.  
Console> (enable)
```

This example shows how to clear all aggregate policing rules:

```
Console> (enable) clear qos policer aggregate all  
All QoS aggregate policer cleared.  
Console> (enable)
```

Related Commands

[set qos policer](#)
[show qos policer](#)

clear qos statistics

To clear QoS statistic counters, use the **clear qos statistics** command.

```
clear qos statistics [aggregate-policer [policer_name]]
```

Syntax Description

aggregate-policer	(Optional) Clears QoS aggregate policer statistics.
<i>policer_name</i>	(Optional) Name of the aggregate policer.

Defaults

This command has no default settings.

Command Types

Switch command.

Command Modes

Privileged.

Usage Guidelines

If you enter the **clear qos statistics** command without the entering the **aggregate-policer** keyword, all QoS statistics are cleared, including all QoS aggregate policer statistics.

If you enter the **aggregate-policer** keyword without specifying a policer name, all aggregate policer statistics are cleared.

Examples

This example shows how to clear the QoS statistic counters:

```
Console> (enable) clear qos statistics
QoS statistical cleared.
Console> (enable)
```

This example shows how to clear all QoS aggregate policer statistics:

```
Console> (enable) clear qos statistics aggregate-policer
QoS aggregate policers statistical counters cleared.
Console> (enable)
```

This example shows how to clear the QoS aggregate policer statistics for agr_1:

```
Console> (enable) clear qos statistics aggregate-policer agr_1
Aggregate policer 'aggr_1' statistical counters cleared.
Console> (enable)
```

Related Commands

[show qos statistics](#)

clear radius

To clear one or all of the RADIUS servers from the RADIUS server table or remove a shared key entry, use the **clear radius** command.

clear radius server all

clear radius server *ipaddr*

clear radius key

Syntax Description		
server		Specifies RADIUS servers.
all		Specifies all RADIUS servers.
<i>ipaddr</i>		Number of the IP address or IP alias.
key		Specifies the RADIUS shared key.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines The *ipaddr* value is an IP alias or an IP address in dot notation; for example, 101.102.103.104.

Examples This example shows how to clear the RADIUS key:

```
Console> (enable) clear radius key
Radius server key cleared.
Console> (enable)
```

This example shows how to clear a specific RADIUS server from the RADIUS server table:

```
Console> (enable) clear radius server 128.56.45.32
128.56.45.32 cleared from radius server table.
Console> (enable)
```

Related Commands

- [set radius key](#)
- [set radius server](#)
- [show radius](#)

clear rcp

To clear rcp information for file transfers, use the **clear rcp** command.

clear rcp

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to clear rcp information:

```
Console> (enable) clear rcp  
Console> (enable)
```

Related Commands [set rcp username](#)
[show rcp](#)

clear rgmp statistics

To clear RGMP statistics information for all VLANs, use the **clear rgmp statistics** command.

clear rgmp statistics

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to clear the RGMP statistics on the switch:

```
Console> (enable) clear rgmp statistics
RGMP statistics cleared.
Console> (enable)
```

Related Commands [set rgmp](#)
[show rgmp statistics](#)

clear security acl

To remove a specific access control entry (ACE) or all ACEs from a VACL and to delete the VACLs from the edit buffer, use the **clear security acl** command.

clear security acl all

clear security acl *acl_name*

clear security acl capture-ports {**all** | *mod/ports*}

clear security acl log flow

clear security acl *acl_name* [*editbuffer_index*]

clear security acl adjacency *adjacency_name*

clear security acl map {*acl_name* [*vlan*] | *vlan* | **all**}

clear security acl arp-inspection statistics [*acl_name*]

Syntax Description

all	Removes ACEs for all the VACLs.
<i>acl_name</i>	Name of the VACL whose ACEs are to be removed.
capture-ports	Removes ports from the capture list.
all	Removes all ports from the capture list.
<i>mod/ports</i>	Variable to remove specific port from the capture list; <i>mod/num</i> is the number of the module and the port on the module.
log flow	Removes logging table flow entries.
<i>editbuffer_index</i>	(Optional) Index number of the ACE in the VACL.
adjacency	Removes an adjacency ACE.
<i>adjacency_name</i>	Name of the adjacency ACE.
map	Clears security ACL to a VLAN mapping.
<i>vlan</i>	Variable to clear ACL mappings for a specific VLAN.
all	Clears all ACL VLAN mappings.
arp-inspection statistics	Clears ARP inspection statistics.

Defaults

This command has no default settings.

Command Types

Switch command.

Command Modes

Privileged.

Usage Guidelines

Changes you make by entering this command are saved to NVRAM and hardware only after you enter the **commit** command.

Use the **show security acl** command to display the VACL list.

The adjacency ACE cannot be cleared before the redirect ACE. The redirect ACE and the adjacency ACE in PBF VACLs should be cleared in the following order:

1. Clear the redirect ACE.
2. Commit the VACL.
3. Clear the adjacency ACE.
4. Commit the adjacency.

When you enter the **clear security acl arp-inspection statistics** command, if you do not specify an ACL name, the system clears all counters for ARP inspection global statistics and ARP inspection statistics for all ACLs.

Examples

This example shows how to remove ACEs for all the VACLs:

```
Console> (enable) clear security acl all  
All editbuffer modified. Use 'commit' command to apply changes.  
Console> (enable)
```

This example shows how to remove a specific ACE from a specific VACL:

```
Console> (enable) clear security acl IPACL1 2  
IPACL1 editbuffer modified. Use 'commit' command to apply changes.  
Console> (enable)
```

This example shows how to remove an adjacency ACE:

```
Console> (enable) clear security acl adjacency a_1  
a_1 editbuffer modified. Use 'commit' command to apply changes.  
Console> (enable)
```

This example shows how to clear the ARP inspection global statistics and the ARP inspection statistics for all ACLs:

```
Console> (enable) clear security acl arp-inspection statistics  
Console> (enable)
```

Related Commands

commit
rollback
show security acl

clear security acl capture-ports

To remove a port from the capture port list, use the **clear security acl capture-ports** command.

```
clear security acl capture-ports {mod/ports...}
```

Syntax Description	<i>mod/ports...</i> Number of the module and the ports on the module.
---------------------------	---

Defaults	This command has no default settings.
-----------------	---------------------------------------

Command Types	Switch command.
----------------------	-----------------

Command Modes	Privileged.
----------------------	-------------

Usage Guidelines	Configurations you make by entering this command are saved in NVRAM. This command <i>does not</i> require that you enter the commit command. If you have several ports and a few are removed, the remaining ports continue to capture the traffic.
-------------------------	--

Examples	This example shows how to remove entries from the capture port list: <pre>Console> (enable) clear security acl capture-ports 1/1,2/1 Successfully cleared the following ports: 1/1,2/1 Console> (enable)</pre>
-----------------	--

Related Commands	set security acl capture-ports show security acl capture-ports
-------------------------	---

clear security acl log flow

To clear all flows in the security ACL log table, use the **clear security acl log flow** command.

clear security acl log flow

Syntax Description This command has no keywords or arguments.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines This command is supported on systems configured with Supervisor Engine 2 with Layer 3 Switching Engine II (PFC2) only.

Examples This example shows how to clear all flows in the security ACL log table:

```
Console> (enable) clear security acl log flow
Security acl log table cleared successfully
Console> (enable)
```

Related Commands [set security acl log](#)
[show security acl log](#)

clear security acl map

To remove VACL-to-VLAN mapping, use the **clear security acl map** command.

```
clear security acl map acl_name vlan
```

```
clear security acl map {acl_name | vlan | all}
```

Syntax Description	<i>acl_name</i>	Name of the VACL whose VLAN is to be deleted.
	<i>vlan</i>	Number of the VLAN whose mapping is to be deleted; valid values are from 1 to 1000 and from 1025 to 4094.
	all	Removes all VACL-to-VLAN mappings.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines Changes you make by entering this command are saved to NVRAM; you do not need to enter the **commit** command.

Use the **show security acl** command to display the ACL list.

Examples This example shows how to remove a VACL-to-VLAN mapping from a specific VLAN:

```
Console> (enable) clear security acl map ip1 3
Map deletion in progress.
```

```
Successfully cleared mapping between ACL ip1 and VLAN 3.
```

```
Console> (enable)
```

This example shows how to remove a specific VACL-to-VLAN mapping from all VLANs:

```
Console> (enable) clear security acl map ip1
Map deletion in progress.
```

```
Successfully cleared mapping between ACL ip1 and VLAN 5.
```

```
Successfully cleared mapping between ACL ip1 and VLAN 8.
Console> (enable)
```

This example shows how to remove all VACL-to-VLAN mappings from a specific VLAN:

```
Console> (enable) clear security acl map 5  
Map deletion in progress.  
  
Successfully cleared mapping between ACL ipx1 and VLAN 5.  
  
Successfully cleared mapping between ACL mac2 and VLAN 5.  
Console> (enable)
```

This example shows how to remove all VACL-to-VLAN mappings from all VLANs:

```
Console> (enable) clear security acl map all  
Map deletion in progress.  
  
Successfully cleared mapping between ACL ip2 and VLAN 12.  
  
Successfully cleared mapping between ACL ipx1 and VLAN 12.  
  
Successfully cleared mapping between ACL ipx1 and VLAN 45.  
  
Successfully cleared mapping between ACL ip2 and VLAN 47.  
  
Successfully cleared mapping between ACL ip3 and VLAN 56.  
Console> (enable)
```

Related Commands

[commit](#)
[rollback](#)
[show security acl](#)

clear snmp access

To remove the access rights of an SNMP group, use the **clear snmp access** command.

```
clear snmp access [-hex] {groupname} {security-model {v1 | v2c}}
```

```
clear snmp access {security-model v3 {noauthentication | authentication | privacy}}  
[context [-hex] contextname]
```

Syntax Description

-hex	(Optional) Displays the <i>groupname</i> or <i>contextname</i> in a hexadecimal format.
<i>groupname</i>	SNMP access table name.
security-model v1 v2c	Specifies the security model v1 or v2c.
security-model v3	Specifies security model v3.
noauthentication	Specifies groups with security model type set to noauthentication.
authentication	Specifies groups with security model type authentication protocol.
privacy	Specifies groups with security model type privacy.
context <i>contextname</i>	(Optional) Specifies the name of a context string.

Defaults

The default *contextname* is a NULL string.

Command Types

Switch command.

Command Modes

Privileged.

Usage Guidelines

If you use special characters for *groupname* (nonprintable delimiters for this parameter), you must use a hexadecimal keyword, which is one or two hexadecimal digits separated by a colon (:); for example, 00:ab:34.

If you do not enter a context name, a NULL context string is used.

Examples

This example shows how to clear SNMP access for a group:

```
Console> (enable) clear snmp access cisco-group security-model v3 authentication  
Cleared snmp access cisco-group version v3 level authentication.  
Console> (enable)
```

Related Commands

[set snmp access](#)
[show snmp access](#)
[show snmp context](#)

clear snmp access-list

To clear the IP address of a host that is associated with an access list number, use the **clear snmp access-list** command.

```
clear snmp access-list access_number IP_address [[IP_address] ...]
```

Syntax Description		
<i>access_number</i>	Number that specifies a list of hosts that are permitted to use a specific community string; valid values are 1 to 65535.	
<i>IP_address</i>	IP address that is associated with the access list. See the “Usage Guidelines” section for more information.	

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines If you specify more than one IP address, separate each IP address with a space.

Examples This example shows how to clear the IP address of a host from access list number 2:

```
Console> (enable) clear snmp access-list 2 172.20.60.8
Access number 2 no longer associated with 172.20.60.8
Console> (enable)
```

This example shows how to clear all IP address from access list number 101:

```
Console> (enable) clear snmp access-list 101
All IP addresses associated with access-number 101 have been cleared.
Console> (enable)
```

Related Commands [set snmp access-list](#)

clear snmp community

To clear an SNMP community table, use the **clear snmp community** command.

```
clear snmp community index [-hex] {index_name}
```

Syntax Description

index	Specifies clearing an index.
-hex	(Optional) Displays the <i>index_name</i> value in a hexadecimal format.
<i>index_name</i>	Name of the SNMP index.

Defaults

This command has no default settings.

Command Types

Switch command.

Command Modes

Privileged.

Usage Guidelines

If you use special characters for the *index_name* value (nonprintable delimiters for this parameter), you must use a hexadecimal keyword, which is one or two hexadecimal digits separated by a colon (:); for example, 00:ab:34.

If you do not enter an *index_name* value, a NULL context string is used.

Examples

This example shows how to clear SNMP access for a group:

```
Console> (enable) clear snmp community index ind1
Cleared snmp community ind1.
Console> (enable)
```

Related Commands

[set snmp community](#)
[show snmp community](#)

clear snmp community-ext

To clear an existing community string, use the **clear snmp community-ext** command.

clear snmp community-ext *community_string*

Syntax Description	<i>community_string</i> Name of the SNMP community.
---------------------------	---

Defaults	This command has no default settings.
-----------------	---------------------------------------

Command Types	Switch command.
----------------------	-----------------

Command Modes	Privileged.
----------------------	-------------

Usage Guidelines	When you clear a community string, corresponding entries in the vacmAccessTable and vacmSecurityToGroup tables are also removed.
-------------------------	--

Examples	This example shows how to clear an existing community string: Console> (enable) clear snmp community-ext public1 Community string public1 has been removed. Console> (enable)
-----------------	---

Related Commands	set snmp community-ext
-------------------------	--

clear snmp group

To remove the SNMP user from an SNMP group, use the **clear snmp group** command.

```
clear snmp group [-hex] groupname {user [-hex] username} {security-model {v1 | v2c | v3}}
```

Syntax Description		
-hex	(Optional) Displays the <i>groupname</i> and <i>username</i> as a hexadecimal format.	
<i>groupname</i>	Name of the SNMP group that defines an access control.	
user	Specifies the SNMP group username.	
<i>username</i>	Name of the SNMP user.	
security model v1 v2c v3	Specifies security model v1, v2c, or v3.	

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines If you use special characters for the *groupname* value or the *username* value (nonprintable delimiters for these parameters), you must use a hexadecimal keyword, which is one or two hexadecimal digits separated by a colon (:); for example, 00:ab:34.

Examples This example shows how to remove an SNMP user from a group:

```
Console> (enable) clear snmp group cisco-group user joe security-model v3
Cleared snmp group cisco-group user joe version v3.
Console> (enable)
```

Related Commands [set snmp group](#)
[show snmp group](#)

clear snmp ifalias

To clear an SNMP interface alias, use the **clear snmp ifalias** command.

```
clear snmp ifalias {ifindex | all}
```

Syntax Description	<i>ifindex</i>	Interface index number.
	all	Clears all interface aliases.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to clear SNMP interface index 1:

```
Console> (enable) clear snmp ifalias 1  
Console> (enable)
```

This example shows how to clear all SNMP interface aliases:

```
Console> (enable) clear snmp ifalias all  
Console> (enable)
```

Related Commands [set snmp ifalias](#)
[show snmp ifalias](#)

clear snmp notify

To clear the SNMP notifyname in the snmpNotifyTable, use the **clear snmp notify** command.

```
clear snmp notify [-hex] {notifyname}
```

Syntax Description	-hex (Optional) Displays the <i>notifyname</i> value as a hexadecimal format.
	<i>notifyname</i> Identifier to index the snmpNotifyTable.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines If you use special characters for the *notifyname* value (nonprintable delimiters for this parameter), you must use a hexadecimal keyword, which is one or two hexadecimal digits separated by a colon (:); for example, 00:ab:34.

Examples This example shows how to clear an SNMP notifyname from the snmpNotifyTable:

```
Console> (enable) clear snmp notify joe
Cleared SNMP notify table joe.
Console> (enable)
```

Related Commands [set snmp notify](#)
[show snmp notify](#)

clear snmp targetaddr

To clear the SNMP target address entry in the TargetAddressTable, use the **clear snmp targetaddr** command.

```
clear snmp targetaddr [-hex] {addrname}
```

Syntax Description

-hex (Optional) Displays the *addrname* value as a hexadecimal format.
addrname Name of the target agent; the maximum length is 32 bytes.

Defaults

This command has no default settings.

Command Types

Switch command.

Command Modes

Privileged.

Usage Guidelines

If you use special characters for the *addrname* value (nonprintable delimiters for this parameter), you must use a hexadecimal keyword, which is one or two hexadecimal digits separated by a colon (:); for example, 00:ab:34.

Examples

This example shows how to clear an SNMP target address entry in the snmpTargetAddressTable:

```
Console> (enable) clear snmp targetaddr joe
Cleared SNMP targetaddr joe.
Console> (enable)
```

Related Commands

[set snmp targetaddr](#)
[show snmp targetaddr](#)

clear snmp targetparams

To clear the SNMP target parameters used in the snmpTargetParamsTable, use the **clear snmp targetparams** command.

```
clear snmp targetparams [-hex] {paramsname}
```

Syntax Description

-hex	(Optional) Displays the <i>paramsname</i> value as a hexadecimal format.
<i>paramsname</i>	Name of the target parameter in the snmpTargetParamsTable; the maximum length is 32 bytes.

Defaults

This command has no default settings.

Command Types

Switch command.

Command Modes

Privileged.

Usage Guidelines

If you use special characters for the *paramsname* value (nonprintable delimiters for this parameter), you must use a hexadecimal keyword, which is one or two hexadecimal digits separated by a colon (:); for example, 00:ab:34.

Examples

This example shows how to remove the SNMP target parameters:

```
Console> (enable) clear snmp targetparams joe
Cleared SNMP targetparams table joe.
Console> (enable)
```

Related Commands

[set snmp targetparams](#)
[show snmp targetparams](#)

clear snmp trap

To clear an entry from the SNMP trap receiver table, use the **clear snmp trap** command.

```
clear snmp trap {rcvr_addr} [all]
```

Syntax Description	<i>rcvr_addr</i>	IP address or IP alias of the trap receiver (the SNMP management station) to clear.
	all	(Optional) Specifies every entry in the SNMP trap receiver table.

Defaults The default configuration has no entries in the SNMP trap receiver table.

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to clear an entry from the SNMP trap receiver table:

```
Console> (enable) clear snmp trap 192.122.173.82  
SNMP trap receiver deleted.  
Console> (enable)
```

Related Commands

- [set snmp trap](#)
- [show port counters](#)
- [test snmp trap](#)

clear snmp user

To remove an SNMP user, use the **clear snmp user** command.

```
clear snmp user [-hex] {username} [remote engineid]
```

Syntax Description		
-hex	(Optional)	Displays the <i>username</i> value as a hexadecimal format.
<i>username</i>		Name of the user on the host that connects to the agent.
remote <i>engineid</i>	(Optional)	Specifies the <i>username</i> value on a remote SNMP engine.

Defaults If a remote engine ID is not provided, the default local SNMP engine ID is used.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines If you use special characters for the *username* value (nonprintable delimiters for this parameter), you must use a hexadecimal keyword, which is one or two hexadecimal digits separated by a colon (:); for example, 00:ab:34.

Examples This example shows how to remove a user from an SNMP group:

```
Console> (enable) clear snmp user joe
Cleared SNMP user joe.
Console> (enable)
```

This example shows how to remove a user on a remote SNMP engine:

```
Console> (enable) clear snmp user joe remote 00:00:00:09:00:d0:00:4c:18:00
Cleared SNMP user.
Console> (enable)
```

Related Commands [set snmp user](#)
[show snmp user](#)

clear snmp view

To remove the MIB view entry from the vacmViewTreeFamilyTable, use the **clear snmp view** command.

```
clear snmp view [-hex] {viewname subtree}
```

Syntax Description	-hex (Optional) Displays the <i>viewname</i> value as a hexadecimal format.
	<i>viewname</i> Name of a MIB view.
	<i>subtree</i> Name of the subtree.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines If you use special characters for the *viewname* value (nonprintable delimiters for this parameter), you must use a hexadecimal keyword, which is one or two hexadecimal digits separated by a colon (:); for example, 00:ab:34.

A MIB subtree used with a mask defines a view subtree that can be in OID format or a text name mapped to a valid OID.

Examples This example shows how to clear the SNMP MIB viewname:

```
Console> (enable) clear snmp view myview 1.1.3
Cleared snmp view myview with subtree 1.1.3
Console> (enable)
```

Related Commands [set snmp view](#)
[show snmp view](#)

clear spantree detected-protocols

To detect legacy bridges and the boundary ports of the MST region, use the **clear spantree detected-protocols** command.

clear spantree detected-protocols *mod/port*

Syntax Description	<i>mod/port</i>	Number of the module and the port on the module. See “Usage Guidelines” for more information.
---------------------------	-----------------	---

Defaults	This command has no default settings.
-----------------	---------------------------------------

Command Types	Switch command.
----------------------	-----------------

Command Modes	Privileged.
----------------------	-------------

Usage Guidelines	The clear spantree detected-protocols command is available in MST mode and Rapid-PVST+ mode only and is not saved in NVRAM. If you do not specify a <i>mod/port</i> number when you enter the clear spantree detected-protocols command, protocol detection occurs on all connected ports.
-------------------------	--

The **clear spantree detected-protocols** command and the **set spantree mst redetect-protocol** command have the same functionality.

Examples	This example shows how to set protocol detection of legacy bridges and boundary ports on port 2 or module 3:
-----------------	--

```
Console> (enable) clear spantree detected-protocols 3/2
Spanning tree protocol detection forced on port 3/2
Console> (enable)
```

Related Commands	clear spantree mst set spantree mode set spantree mst config
-------------------------	--

clear spantree mst

To clear the mapping of VLANs to an MST instance, use the **clear spantree mst** command.

clear spantree mst *instance* [**vlan** *vlan*]

Syntax Description	<i>instance</i>	Number of the instance or range of instances; valid values are from 0 to 15 . See the “Usage Guidelines” section for more information.
	vlan <i>vlan</i>	(Optional) Specifies the VLAN number; valid values are from 1 to 1005 and from 1025 to 4094.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines If you enter only one instance number, you also can enter a VLAN number. If you enter a range of instance numbers, you cannot enter a VLAN number.

If you do not specify a VLAN, all VLANs are unmapped from the specified instance and added to MST instance 0 (IST).

Examples This example shows you how to clear VLAN 2 from MST instance 2:

```
Console> (enable) clear spantree mst 2 vlan 2
Console> (enable)
```

Related Commands [show spantree mst](#)

clear spantree portcost

To clear the port cost of a port on the switch, use the **clear spantree portcost** command.

clear spantree portcost *mod/port* [*mst*]

Syntax Description	
<i>mod/port</i>	Number of the module and the port on the module.
<i>mst</i>	(Optional) Restores the default path cost to an MST instance on a port.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to restore the default path cost on a port:

```
Console> (enable) clear spantree portcost 3/1
Port 3/1 is using the cost 0.
Console> (enable)
```

This example shows how to restore the default path cost to all MST instances on a port:

```
Console> (enable) clear spantree portcost 8/1 mst
Port 8/1 MST is using the cost 20000 in MST mode.
Console> (enable)
```

Related Commands [set spantree portcost](#)
[show spantree statistics](#)

clear spantree portinstancecost

To restore the default path cost to an instance on a port, use the **clear spantree portinstancecost** command.

clear spantree portinstancecost *mod/port* [**mst**] *instances*

Syntax Description	
<i>mod/port</i>	Number of the module and the port on the module.
mst	(Optional) Restores the default path cost to an MST instance on a port.
<i>instances</i>	Number of the instance; valid values are from 0 to 15.

Defaults

The default path cost is based on port speed; see [Table 2-7](#) for default settings.

Table 2-7 Default Port Cost—Short Mode

Port Speed	Default Port Cost
4 Mb	250
10 Mb	100
16 Mb	62
100 Mb	19
155 Mb	14
1 Gb	4
10 Gb	2

Command Types

Switch command.

Command Modes

Privileged.

Usage Guidelines

This command is valid in MISTP and MST modes only.

Examples

This example shows how to restore the default path cost to an instance on a port:

```
Console> (enable) clear spantree portinstancecost 5/1 2
Port 5/1 mistp-instance 1-16 have path cost 200000.
Console> (enable)
```

This example shows how to restore the default path cost to all MST instances on a port:

```
Console> (enable) clear spantree portinstancecost 8/1 mst 0-15
Port 8/1 MST Instance 0-15 have path cost 20000.
Console> (enable)
```

■ `clear spantree portinstancecost`

Related Commands [set spantree portinstancecost](#)
 [show spantree statistics](#)

clear spantree portinstancepri

To restore the default path cost to an instance on a port, use the **clear spantree portinstancepri** command.

```
clear spantree portinstancepri mod/port [mst] [instances]
```

Syntax Description	<i>mod/port</i>	Number of the module and the port on the module.
	mst	(Optional) Resets the spanning tree port MST instance priority.
	<i>instances</i>	(Optional) Number of the instance; valid values are from 0 to 15.

Defaults The default is the port priority is set to 0 with no instances specified.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines This command is valid in MISTP and MST modes only.

Examples This example shows how to reset the spanning tree port instance priority:

```
Console> (enable) clear spantree portinstancepri 5/1 2
Port 5/1 instances 1-16 using portpri 32.
Console> (enable)
```

This example shows how to reset the spanning tree port priority for all MST instances:

```
Console> (enable) clear spantree portinstancepri 8/1 mst 0-15
Port 8/1 MST Instances 0-15 using portpri 32
Console> (enable)
```

Related Commands [set spantree portinstancepri](#)
[show spantree](#)

clear spantree portpri

To clear the port priority of a port on the switch, use the **clear spantree portpri** command.

clear spantree portpri *mod/port* [*mst*]

Syntax Description	
<i>mod/port</i>	Number of the module and the port on the module.
<i>mst</i>	(Optional) Resets the MST port priority.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to clear the spanning tree port priority:

```
Console> (enable) clear spantree portpri 3/1
Port 3/1 is using the cost 32.
Console> (enable)
```

This example shows how to clear the MST port priority:

```
Console> (enable) clear spantree portpri 8/1 mst
Port 8/1 is using the priority 32 in MST mode.
Console> (enable)
```

Related Commands [set spantree portpri](#)
[show spantree](#)

clear spantree portvlancost

To restore the default path cost to a VLAN on a port, use the **clear spantree portvlancost** command.

```
clear spantree portvlancost mod/port [vlans]
```

Syntax Description

<i>mod/port</i>	Number of the module and the port on the module.
<i>vlans</i>	(Optional) Number of the VLAN; valid values are from 1 to 1000 and from 1025 to 4094.

Defaults

The default path cost is based on port speed; see [Table 2-8](#) and [Table 2-9](#) for default settings.

Table 2-8 Default Port Cost—Short Mode

Port Speed	Default Port Cost
4 Mb	250
10 Mb	100
16 Mb	62
100 Mb	19
155 Mb	14
1 Gb	4
10 Gb	2

Table 2-9 Default Port Cost—Long Mode

Port Speed	Default Port Cost
100 Kb	200,000,000
1 Mb	20,000,000
10 Mb	2,000,000
100 Mb	200,000
1 Gb	20,000
10 Gb	2,000
100 Gb	200
1 Tb	20
10 Tb	2

Command Types

Switch command.

Command Modes

Privileged.

Usage Guidelines

This command is valid in PVST+ mode only.
If you do not specify a VLAN, all VLANs are cleared.

Examples

These examples show how to restore the default path cost to a VLAN on a port:

```
Console> (enable) clear spantree portvlancost 2/10 1-10  
Port 2/10 VLANs 11-21 have path cost 6  
Port 2/10 VLANs 1-10,22-1000 have path cost 10.  
Console> (enable)
```

```
Console> (enable) clear spantree portvlancost 2/10  
Port 2/10 VLANs 1-1000 have path cost 10.  
Console> (enable)
```

Related Commands

[set spantree portvlancost](#)
[show spantree statistics](#)

clear spantree portvlanpri

To reset the spanning tree port VLAN priority, use the **clear spantree portvlanpri** command.

clear spantree portvlanpri *mod/port* [*vlan*]

Syntax Description	<i>mod/port</i>	Number of the module and the port on the module.
	<i>vlan</i>	(Optional) Number of the VLAN; valid values are from 1 to 1000 and from 1025 to 4094.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to reset the spanning tree port VLAN priority:

```
Console> (enable) clear spantree portvlanpri 1/2 23-40
Port 1/2 vlans 3,6-20,23-1000 using portpri 32
Port 1/2 vlans 1-2,4-5,21-22 using portpri 30
Console> (enable)
```

Related Commands [set spantree portvlanpri](#)
[show spantree](#)

clear spantree root

To restore the spanning tree bridge priority, hello time, maxage, and forward delay on the switch to their default values, use the **clear spantree root** command.

clear spantree root [*vlan*]

clear spantree root mistp-instance *instances*

clear spantree root mst *instances*

Syntax Description	
<i>vlan</i>	(Optional) Number of the VLAN; valid values are from 1 to 1000 and from 1025 to 4094.
mistp-instance <i>instances</i>	Specifies the instance number; valid values are from 1 to 16.
mst <i>instances</i>	Specifies the MST instance number; valid values are 0 to 15.

Defaults

The defaults are as follows:

- switch priority is 32768
- forward delay is 15 seconds
- hello time is 2 seconds
- maxage is 20 seconds

Command Types

Switch command.

Command Modes

Privileged.

Examples

This example shows how to clear the spanning tree root on a range of VLANs:

```
Console> (enable) clear spantree root 1-20
VLANs 1-20 bridge priority set to 32678.
VLANs 1-20 bridge hello time set to 2 seconds.
VLANs 1-20 bridge max aging time set to 20 seconds.
VLANs 1-20 bridge forward delay set to 15 seconds.
```

This example shows how to clear the spanning tree root on two specific VLANs:

```
Console> (enable) clear spantree root 22,24
VLANs 22,24 bridge priority set to 32678.
VLANs 22,24 bridge hello time set to 2 seconds.
VLANs 22,24 bridge max aging time set to 20 seconds.
VLANs 22,24 bridge forward delay set to 15 seconds.
Console> (enable)
```

This example shows how to clear the spanning tree root on an instance:

```
Console> (enable) clear spantree root mstp-instance 1  
Instance 1 bridge priority set to 32768.  
Instance 1 bridge max aging time set to 20.  
Instance 1 bridge hello time set to 2.  
Instance 1 bridge forward delay set to 15.  
Console> (enable)
```

This example shows how to clear the spanning tree root on an MST instance:

```
Console> (enable) clear spantree root mst 0  
MST Instance s 0 bridge priority set to 32768.  
Instances 0 bridge max aging time set to 20.  
Instances 0 bridge hello time set to 2.  
Instances 0 bridge forward delay set to 15.  
Console> (enable)
```

Related Commands

[set spantree root](#)
[show spantree](#)

clear spantree statistics

To clear the spanning tree statistics, use the **clear spantree statistics** command.

clear spantree statistics *mod/port*

clear spantree statistics *vlan*s

clear spantree statistics mistp-instance *instances*

clear spantree statistics mst *instances*

Syntax Description		
	<i>mod/port</i>	Number of the module and the port on the module.
	<i>vlan</i> s	(Optional) Number of the VLAN; valid values are from 1 to 1000 and from 1025 to 4094.
	mistp-instance <i>instances</i>	Specifies the instance number; valid values are from 1 to 16.
	mst <i>instances</i>	Specifies the MST instance number; valid values are from 0 to 15.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to clear the spanning tree statistics for VLAN 1:

```
Console> (enable) clear spantree statistics 1
Cleared all VLAN counters for VLAN 1
Statistics cleared for vlans 1
Console> (enable)
```

This example shows how to clear the spanning tree statistics for a port:

```
Console> (enable) clear spantree statistics 3/1
Statistics cleared for module 3/1
Console> (enable)
```

This example shows how to clear the spanning tree statistics for an instance:

```
Console> (enable) clear spantree statistics mistp-instance 2
Statistics cleared for instances 2
Console> (enable)
```

This example shows how to clear the spanning tree statistics for an MST instance:

```
Console> (enable) clear spantree statistics mst 0  
Statistics cleared for MST instance: 0  
Console> (enable)
```

Related Commands [show spantree statistics](#)

clear spantree uplinkfast

To turn off the UplinkFast feature and to return the switch priority and port costs to the default settings, use the **clear spantree uplinkfast** command.

clear spantree uplinkfast

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines In some cases, this command could cause load balancing on the switch to be lost.

Examples This example shows how to turn off the UplinkFast feature and to return the switch priority to the default settings:

```
Console> (enable) clear spantree uplinkfast
This command will cause all portcosts, portvlancosts, and the
bridge priority on all vlans to be set to default.
Do you want to continue (y/n) [n]? y
VLANs 1-1005 bridge priority set to 32768.
The port cost of all bridge ports set to default value.
The portvlancost of all bridge ports set to default value.
uplinkfast disabled for bridge.
Console> (enable)
```

Related Commands [set spantree uplinkfast](#)
[show spantree uplinkfast](#)

clear tacacs key

To remove the key setting used for TACACS+ authentication and encryption, use the **clear tacacs key** command.

clear tacacs key

Syntax Description This command has no arguments or keywords.

Defaults The default key value is null.

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to clear the key setting used for authentication and encryption:

```
Console> (enable) clear tacacs key
TACACS server key cleared.
Console> (enable)
```

Related Commands [set tacacs key](#)
[show tacacs](#)

clear tacacs server

To remove a host from the list of TACACS+ servers, use the **clear tacacs server** command.

clear tacacs server *ip_addr*

Syntax Description	<i>ip_addr</i>	IP address of the server to be removed from the list of TACACS+ servers.
---------------------------	----------------	--

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to remove a server from the list of TACACS+ servers:

```
Console> (enable) clear tacacs server 170.1.2.20
170.1.2.20 cleared from TACACS table
Console> (enable)
```

Related Commands [show tacacs](#)

clear timezone

To return the time zone to its default, UTC, use the **clear timezone** command.

clear timezone

Syntax Description This command has no arguments or keywords.

Defaults The default time zone is UTC.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines The **clear timezone** command functions only when NTP is running. If you set the time manually and NTP is disengaged, the **clear timezone** command has no effect.

Examples This example shows how to clear the time zone:

```
Console> (enable) clear timezone
Timezone name and offset cleared.
Console> (enable)
```

Related Commands [set timezone](#)

clear top

To stop the TopN process, use the **clear top** command.

```
clear top {all | report_num}
```

Syntax Description	all	Stops all nonpending TopN results.
	report_num	TopN report number to kill; valid values are from 1 to 5.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines The **clear top all** command will not kill any pending TopN reports. Only the reports with a *done* status are killed.

You can terminate TopN processes without the **background** option (use the **show top background** command to find out if the **background** option is used) by pressing **Ctrl-C** in the same Telnet/console session, or by entering the **clear top [report_num]** command from a separate Telnet/console session. The prompt is not printed before the TopN report is completely displayed. Other commands will be blocked until the report has been displayed.

Examples This example shows how to stop the TopN 1 process from a console session:

```
Console> (enable) clear top 1
10/29/1998,12:05:38:MGMT-5: TopN report 1 killed by Console//.
Console> (enable)
```

This example shows how to stop the TopN 4 process from a Telnet session:

```
Console> (enable) clear top 4
10/29/1998,12:06:00:MGMT-5: TopN report 4 killed by telnet/172.22.34.2/.
Console> (enable)
```

Related Commands [show top](#)
[show top report](#)

clear trunk

To restore a trunk port to its default trunk type and mode or to clear specific VLANs from the allowed VLAN list for a trunk port, use the **clear trunk** command.

```
clear trunk mod/port [vlan]
```

Syntax Description

<i>mod/port</i>	Number of the module and the port on the module.
<i>vlan</i>	(Optional) Number of the VLAN to remove from the allowed VLAN list; valid values are from 2 to 1005 and 1025 to 4094.

Defaults

For all ports except Multilayer Switch Module (MSM) ports, the default is **auto** negotiate. For MSM ports, the default is **off** negotiate mode.

Command Types

Switch command.

Command Modes

Privileged.

Usage Guidelines

If you specify VLANs, those VLANs are removed from the list of VLANs allowed on the trunk. Default VLANs cannot be cleared on the trunk.

Traffic for the removed VLANs are not forwarded over a trunk port. To add VLANs that you have removed, use the **set trunk *mod/port* *vlan*** command.

If you are trying to clear extended-range VLANs and sufficient space in NVRAM is not available, a warning message displays and the command fails.

Examples

This example shows how to clear VLANs 200 through 500 from the trunk port on port 2 of module 1:

```
Console> (enable) clear trunk 1/2 200-500
Removing Vlan(s) 200-500 from allowed list.
Port 1/2 allowed vlans modified to 1-199,501-1000.
Console> (enable)
```

This example shows the output if you attempt to clear a trunk when not enough NVRAM space is available:

```
Console> (enable) clear trunk 2/18 1030-1999
Failed to clear extended range vlans from allowed list.
Not enough NVRAM space. Use the 'set trunk' command to restore
some existing entries to the default value.
Console> (enable)
```

Related Commands

[set trunk](#)
[show trunk](#)

clear vlan

To delete an existing VLAN from a management domain or to clear VLANs that are secured by a Firewall Services Module, use the **clear vlan** command.

clear vlan *vlan*s

clear vlan {*vlan*s} **firewall-vlan** {*mod*}

Syntax Description

<i>vlan</i> s	Number of the VLAN; valid values are from 2 to 1000 and from 1025 to 4094.
firewall-vlan	Clears VLANs that are secured by a Firewall Services Module.
<i>mod</i>	Number of the module.

Defaults

This command has no default settings.

Command Types

Switch command.

Command Modes

Privileged.

Usage Guidelines

Follow these guidelines for deleting VLANs:

- When you delete a normal-range Ethernet VLAN in VTP server mode, the VLAN is removed from all switches in the same VTP domain.
- When you delete a normal-range VLAN in VTP transparent mode, the VLAN is deleted only on the current switch.
- You can delete an extended-range VLAN only on the switch where it was created.

When you clear a VLAN, all ports assigned to that VLAN become inactive. However, the VLAN port assignments are retained until you move the ports to another VLAN. If the cleared VLAN is reactivated, all ports that are still configured on that VLAN are also reactivated. A warning is displayed if you clear a VLAN that exists in the mapping table.

When you clear a private VLAN (primary, isolated, or community), the ports are set to inactive and are not assigned to any VLAN. The private VLAN mappings for the selected VLAN are also cleared. ACL to VLAN mappings are also deleted.

Examples

This example shows how to clear existing VLAN 4000 from a management domain:

```
Console> (enable) clear vlan 4000
This command will de-activate all ports on vlan 4
in the entire management domain
Do you want to continue(y/n) [n]? y
VLAN 4 deleted
Console> (enable)
```

Related Commands

[set vlan](#)
[show vlan](#)

clear vlan counters

To return the software-cached counters to 0 for all VLANs, use the **clear vlan counters** command.

clear vlan counters {*vlan*s | **all**}

Syntax Description		
	<i>vlan</i> s	Number of the VLAN or range of VLANs; valid values are from 1 to 1005 and from 1025 to 4094
	all	Clears counters for all VLANs.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to clear counters for VLAN 1005:

```
Console> (enable) clear vlan counters 1005
This command will reset vlan couters for vlan 1005
Do you want to continue (y/n) [n]?y
Console> (enable)
```

Related Commands [show vlan counters](#)

clear vlan mapping

To delete existing IEEE 802.1Q VLAN-to-ISL VLAN mappings or reserved-to-nonreserved VLAN mapping, use the **clear vlan mapping** command.

```
clear vlan mapping dot1q {dot1q_vlan | all}
```

```
clear vlan mapping reserved {reserved_vlan | all}
```

Syntax Description

dot1q <i>dot1q_vlan</i>	Clears the IEEE 802.1Q VLAN-to-ISL VLAN mapping.
dot1q all	Clears all IEEE 802.1Q VLAN-to-ISL VLAN mappings.
reserved <i>reserved_vlan</i>	Clears the specified reserved-to-nonreserved VLAN mapping.
reserved all	Clears all reserved-to-nonreserved VLAN mappings.

Defaults

This command has no default settings.

Command Types

Switch command.

Command Modes

Privileged.

Usage Guidelines

When you clear a VLAN, all ports assigned to that VLAN become inactive. However, the VLAN port assignments are retained until you move the ports to another VLAN. If the cleared VLAN is reactivated, all ports that are still configured on that VLAN are also reactivated.

Examples

This example shows how to clear an existing mapped VLAN from the dot1q mapping table:

```
Console> (enable) clear vlan mapping dot1q 444
Vlan Mapping 444 Deleted.
Console> (enable)
```

This example shows how to clear all mapped VLANs from the mapping table:

```
Console> (enable) clear vlan mapping dot1q all
All Vlan Mapping Deleted.
Console> (enable)
```

This example shows how to clear mapped reserved VLANs from the mapping table:

```
Console> (enable) clear vlan mapping reserved 1007
Vlan Mapping 1007 Deleted.
Console> (enable)
```

■ clear vlan mapping

Related Commands [set vlan](#)
 [show vlan](#)

clear vmpls rcp

To delete the VMPS rcp username from the VMPS server table, use the **clear vmpls rcp** command.

```
clear vmpls rcp username
```

Syntax Description	<i>username</i> Username up to 14 characters long.
---------------------------	--

Defaults	This command has no default settings.
-----------------	---------------------------------------

Command Types	Switch command.
----------------------	-----------------

Command Modes	Privileged.
----------------------	-------------

Usage Guidelines	If you do not enter a username, all rcp usernames are deleted.
-------------------------	--

Examples	This example shows how to clear a specific VMPS rcp username from the VMPS table:
-----------------	---

```
Console> (enable) clear vmpls rcp jdoe  
Console> (enable)
```

Related Commands	set rcp username
-------------------------	----------------------------------

clear vmpls server

To delete a VMPS server from the VMPS server table, use the **clear vmpls server** command.

```
clear vmpls server ip_addr
```

Syntax Description	<i>ip_addr</i> IP address or host name of the VMPS server to be deleted.
---------------------------	--

Defaults	This command has no default settings.
-----------------	---------------------------------------

Command Types	Switch command.
----------------------	-----------------

Command Modes	Privileged.
----------------------	-------------

Examples	This example shows how to clear a VMPS server from the VMPS table:
-----------------	--

```
Console> (enable) clear vmpls server 192.168.255.255
VMPS domain server 192.168.255.255 cleared from VMPS table.
Console> (enable)
```

This example shows the results of trying to clear a nonexistent VMPS server from the VMPS table:

```
Console> (enable) clear vmpls server 192.168.255.255
VMPS domain server 192.168.255.255 not in VMPS table.
Console> (enable)
```

Related Commands	reconfirm vmpls set vmpls server
-------------------------	---

clear vmps statistics

To delete existing VMPS statistics, use the **clear vmps statistics** command.

clear vmps statistics

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to delete existing VMPS statistics:

```
Console> (enable) clear vmps statistics  
VMPS and dynamic vlan statistics cleared.  
Console> (enable)
```

Related Commands [show vmps statistics](#)

clear vtp pruneeligible

To specify which VLANs in the VTP domain are ineligible for pruning, use the **clear vtp pruneeligible** command.

clear vtp pruneeligible *vlan*s...

Syntax Description	<i>vlan</i> s...
	Number of VLANs to make pruning ineligible; valid values are from 1 to 1005.

Defaults	The default is VLANs 2 through 1005 are eligible for pruning.
----------	---

Command Types	Switch command.
---------------	-----------------

Command Modes	Privileged.
---------------	-------------

Usage Guidelines	VTP pruning causes information about each pruning-eligible VLAN to be removed from VTP updates if no stations belong to that VLAN out a particular switch port. Use the set vtp command to enable VTP pruning.
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By default, VLANs 2 through 1000 are pruning eligible. Use the **clear vtp pruneeligible** command to make VLANs pruning ineligible.

If VLANs are pruning ineligible, use the **set vtp pruneeligible** command to make the VLANs pruning eligible again.

Examples	This example shows how to make VLANs 200 through 500 pruning ineligible:
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```
Console> (enable) clear vtp pruneeligible 200-500
Vlans 1,200-500,1001-1005 will not be pruned on this device.
VTP domain Company modified.
Console> (enable)
```

Related Commands	set vtp set vtp pruneeligible show vtp domain
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