

clear kerberos srvtab entry

Use the **clear kerberos srvtab entry** command to clear the SRVTAB file that is entered directly into the switch from the command line.

clear kerberos srvtab entry *kerberos_principal principal_type*

Syntax Description	<i>kerberos_principal</i>	Service on the switch.
	<i>principal_type</i>	Version of the Kerberos SRVTAB.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to clear a SRVTAB file entered directly into the switch:

```
Console> (enable) clear kerberos srvtab entry host/niners.cisco.com@CISCO.COM 0
Console> (enable)
```

Related Commands [set kerberos srvtab entry](#)
[set kerberos srvtab remote](#)

clear key config-key

Use the **clear key config-key** command to clear the configuration key.

clear key config-key

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to delete a DES key:

```
Console> (enable) clear key config-key abcd
Kerberos config key deleted
Console> (enable)
```

Related Commands [set key config-key](#)

clear log

Use the **clear log** command set to delete module or system error log entries or dump log entries.

clear log [*mod*]

clear log dump

Syntax Description	<i>mod</i> (Optional) Module number.
dump	Keyword to clear dump log entries.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines If you do not specify a module number, the system error log for the entire system is erased.

Examples This example shows how to clear the system error log:

```
Console> (enable) clear log
System error log cleared.
Console> (enable)
```

This example shows how to clear the dump log:

```
Console> (enable) clear log dump
Console> (enable)
```

Related Commands [show log](#)

clear log command

Use the **clear log command** command to clear the command log entry table.

clear log command [*mod*]

Syntax Description	<i>mod</i> (Optional) Number of the module.
Defaults	This command has no default settings.
Command Types	Switch command.
Command Modes	Privileged.
Usage Guidelines	The command log entry table is a history log of the commands sent to the switch from the console or Telnet.
Examples	<p>This example shows how to clear the command log table for a specific module:</p> <pre> Console> (enable) clear log command 3 Module 3 log cleared. Console> (enable) </pre>
Related Commands	show log command

clear logging buffer

Use the **clear logging buffer** command to clear the system logging buffer.

clear logging buffer

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 system logging buffer:

```
Console> (enable) clear logging buffer
System logging buffer cleared.
Console> (enable)
```

Related Commands [show logging buffer](#)

clear logging level

Use the **clear logging level** command to reset the logging level for a facility or for all facilities to their factory default settings.

clear logging level {*facility* | **all**}

Syntax Description

<i>facility</i>	Name of the facility to reset; facility types are listed in Table 2-1 .
all	Keyword to reset all facilities.

Table 2-1 Facility Types

Facility Name	Definition
all	all facilities
cdp	Cisco Discovery Protocol
cops	Common Open Policy Service
drip	Dual Ring Protocol
dtp	Dynamic Trunk Protocol
earl	Encoded Address Recognition Logic
fdi	Fiber Distributed Data Interface
fileys	file system
gvrp	GARP VLAN Registration Protocol
ip	Internet Protocol
kernel	Kernel
mcast	Multicast
mgmt	Management
mls	Multilayer Switching
pagp	Port Aggregation Protocol
protfilt	Protocol Filter
pruning	VTP pruning
qos	Quality of Service
radius	Remote Access Dial-In User Service
security	Security
snmp	Simple Network Management Protocol
spantree	Spanning Tree Protocol
sys	System
tac	Terminal Access Controller

Table 2-1 Facility Types (continued)

Facility Name	Definition
tcp	Transmission Control Protocol
telnet	Terminal Emulation Protocol
tftp	Trivial File Transfer Protocol
udld	User Datagram Protocol
vtp	Virtual Terminal Protocol

Defaults

This command has no default settings.

Command Types

Switch.

Command Modes

Privileged.

Examples

This example shows how to reset a specific facility back to its factory default values:

```
Console> (enable) clear logging level dtp
Current session and default severities of facility <ntp> set to factory default values.
Console> (enable)
```

This example shows how to reset all facilities back to their factory default values:

```
Console> (enable) clear logging level all
Current session and default severities of all facilities set to factory default values.
Console> (enable)
```

Related Commands

[set logging level](#)
[show logging](#)

clear logging server

Use the **clear logging server** command to delete a syslog server from the system log server table.

clear logging server *ip_addr*

Syntax Description	<i>ip_addr</i> IP address of the syslog server to be deleted.
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Defaults	This command has no default settings.
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Command Types	Switch command.
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Command Modes	Privileged.
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Examples	This example shows how to delete a syslog server from the configuration:
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```
Console> (enable) clear logging server 192.168.255.255
System log server 192.168.255.255 removed from system log server table.
Console> (enable)
```

Related Commands	set logging server show logging
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clear mls entry ip

Use the **clear mls entry ip** command to clear IP MLS cache entries.

```
clear mls entry ip [destination ip_addr_spec] [source ip_addr_spec] [flow protocol src_port
dst_port] [all]
```

Syntax Description	
destination <i>ip_addr_spec</i>	(Optional) Keyword and variable to specify the destination address; see the “Usage Guidelines” section for formatting information.
source <i>ip_addr_spec</i>	(Optional) Keyword and variable to specify the source IP address; see the “Usage Guidelines” section for formatting information.
flow protocol	(Optional) Keyword and variable to specify additional flow information (protocol family and protocol port pair) to be matched; valid values include tcp, udp, icmp, or a decimal number for other protocol families.
<i>src_port</i>	Source protocol port.
<i>dst_port</i>	Destination protocol port.
all	(Optional) Keyword to remove all IP MLS cache entries.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines Enter the full IP address or a subnet address in these formats: *ip_addr* or *ip_addr/netmask* or *ip_addr/maskbit*.

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*.

When you remove an RSM or a supervisor engine with the RSFC from the Catalyst 5000 family switch, it is removed immediately from the inclusion list and all the MLS entries for the RSM or RSFC are removed.

If you do not use the **all** argument in the **clear mls entry ip** command, you must specify at least one of the other three keywords (**source**, **destination**, or **flow**) and its arguments.

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

Examples

This example shows how to clear the MLS entries with destination IP address 192.168.255.255:

```
Console>(enable) clear mls entry destination 192.168.255.255
Multilayer switching entry cleared.
Console>(enable)
```

This example shows how to clear specific IP MLS entries for destination IP address 192.168.255.255:

```
Console>(enable) clear mls entry destination 192.168.255.255 source 192.168.253.254 flow tcp 520 320
Multilayer switching entry cleared
Console>(enable)
```

Related Commands

[show mls rp](#)

clear mls entry ipx

Use the **clear mls entry ipx** command to clear IPX MLS cache entries.

```
clear mls entry ipx [destination ipx_addr_spec] [source ipx_addr_spec] [all]
```

Syntax Description		
	destination	(Optional) Keyword to specify the destination address.
	<i>ipx_addr_spec</i>	(Optional) Full IPX address.
	source	(Optional) Keyword to specify the source IP address.
	all	(Optional) Keyword to remove all IPX MLS cache entries.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines 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)

If you do not use the **all** keyword in the **clear mls entry ipx** command, you must specify at least one of the other two keywords (**source** or **destination**) and its argument.

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

```
Console>(enable) clear mls entry ipx destination 1.00e0.fefc.6000 source 3.0034.1245.AB45
IPX Multilayer switching entry cleared
Console>(enable)
```

Related Commands [show mls rp](#)

clear mls include ip

Use the **clear mls include ip** command to remove routers from the IP MLS-RP include list.

```
clear mls include ip {ip_addr | all}
```

Syntax Description	<i>ip_addr</i>	IP address or host name of the router to remove from the IP MLS-RP include list.
	all	Keyword to remove all routers from the IP MLS-RP include list.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines When you physically remove an RSM or RSFC from the Catalyst 5000 family switch, it is removed immediately from the inclusion list, and all the MLS cache entries for the RSM or RSFC are removed.

Examples This example shows how to remove a router from the IP MLS-RP include list:

```
Console> (enable) clear mls include ip Stargate
Multilayer switching is disabled for router 192.168.255.255 (Stargate)
Console>(enable)
```

Related Commands [show mls rp](#)

clear mls include ipx

Use the **clear mls include ipx** command to remove routers from the IPX MLS-RP include list.

```
clear mls include ipx {ip_addr | all}
```

Syntax Description	<i>ip_addr</i>	IP address or host name of the router to remove from the IPX MLS-RP include list.
	all	Keyword to remove all routers from the IPX MLS-RP include list.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines When you physically remove an RSM or RSFC from the Catalyst 5000 family switch, it is removed immediately from the inclusion list, and all the MLS cache entries for the RSM or RSFC are removed.

Examples This example shows how to remove a router from the IPX MLS-RP include list:

```
Console> (enable) clear mls include ipx Stargate  
Multilayer switching is disabled for router 192.168.255.255 (Stargate)  
Console> (enable)
```

Related Commands [show mls rp](#)

clear mls multicast include

Use the **clear mls multicast include** command to remove a router from the IP multicast MLS-RP include list.

```
clear mls multicast include {ip_addr | all}
```

Syntax Description	<i>ip_addr</i>	IP address or host name of the router to remove from the IP MMLS-RP include list.
	all	Keyword to remove all routers from the IP MMLS-RP include list.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines When you physically remove an RSM or RSFC from the Catalyst 5000 family switch, it is removed immediately from the inclusion list, and all the MLS cache entries for the RSM or RSFC are removed.

Examples This example shows how to remove all routers from the MMLS-RP include list:

```
Console> (enable) clear mls multicast include all
All MLS routers are deleted from the include list.
Console>(enable)
```

This example shows how to remove a specific router from the MMLS-RP include list using its IP address:

```
Console> (enable) clear mls multicast include 172.20.53.4
MLS Router 172.20.53.4 is deleted from the include list.
Console>(enable)
```

Related Commands [set mls multicast](#)
[show mls multicast entry](#)

clear mls multicast statistics

Use the **clear mls multicast statistics** command to clear IP multicast MLS statistics for all MMLS-RPs.

clear mls multicast statistics rp

Syntax Description	rp Keyword to clear IP multicast MLS statistics for all MMLS-RPs.
Defaults	This command has no default settings.
Command Types	Switch command.
Command Modes	Privileged.
Examples	<p>This example shows how to clear IP multicast MLS statistics for all MMLS-RPs:</p> <pre>Console> (enable) clear mls multicast statistics rp All statistics for the MLS routers in include list are cleared. Console> (enable)</pre>
Related Commands	set mls multicast show mls multicast entry

clear mls nde flow

Use the **clear mls nde** command to clear the MLS NDE flow filter.

clear mls nde [flow]

Syntax Description	flow (Optional) Keyword to return the MLS NDE flow filter to the default configuration.
Defaults	This command has no default settings.
Command Types	Switch command.
Command Modes	Privileged.
Examples	<p>This example shows how to clear the NDE filter and export all flows:</p> <pre>Console> (enable) clear mls nde flow Netflow data export filter cleared. Console> (enable)</pre>
Related Commands	<p>set mls nde show mls rp</p>

clear mls statistics

Use the **clear mls statistics** command to clear IP or IPX MLS statistics on the switch.

clear mls statistics

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

Syntax Description		
statistics	Keyword to clear MLS statistics, including total packets switched and total packets exported (for NDE).	
protocol <i>protocol</i>	(Optional) Keyword and variable to specify additional flow information (protocol family and protocol port pair) to be matched; valid values are from 1 to 255 , ip , ipinip , icmp , igmp , tcp , and udp .	
<i>port</i>	Number of the protocol port for which to clear statistics.	
all	Keyword to clear statistics for all protocols.	

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

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 statistics collection:

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

Related Commands [show mls rp](#)
[show mls statistics](#)

clear multicast router

Use the **clear multicast router** command to clear manually configured multicast router ports from the multicast router port list.

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

Syntax Description		
	<i>mod</i>	Number of the module.
	<i>port</i>	Number of the port on the module.
	all	Keyword to clear all multicast router ports.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to remove port 1 on module 3 from the list of multicast router ports:

```
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 key

Use the **clear ntp key** command to remove all authentication keys or a specific authentication key.

```
clear ntp key {public_keynum | all}
```

Syntax Description	<i>public_keynum</i> Number of the key pair; valid values are from 1 to 4292945295 .
	all Keyword to remove all authentication keys.

Defaults This command has not default settings.

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to clear an NTP authentication key:

```
Console> (enable) clear ntp key 435  
NTP key 435 cleared.  
Console> (enable)
```

Related Commands [set ntp key](#)

clear ntp server

Use the **clear ntp server** command to remove one or more servers from the NTP server table.

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

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

Defaults The default configuration has no NTP servers configured.

Command Types Switch command.

Command Modes Privileged.

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

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

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

clear ntp timezone

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

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 summertime](#)
[set ntp timezone](#)
[show ntp](#)

clear port broadcast

Use the **clear port broadcast** command to disable broadcast/multicast suppression on one or more ports.

clear port broadcast *mod/ports...*

Syntax Description	<i>mod/ports...</i> Number of the module and the ports.
Defaults	This command has no default settings.
Command Types	Switch command.
Command Modes	Privileged.
Examples	<p>This example shows how to disable broadcast/multicast suppression:</p> <pre>Console> (enable) clear port broadcast 2/1 Broadcast traffic unlimited on ports 2/1. Console> (enable)</pre>
Related Commands	<p>set port broadcast show port</p>

clear port filter

Use the **clear port filter** command to clear configured MAC addresses or protocol filters.

clear port filter [*mod/port*] [*mac_addr* | *protocol_type* | **all**]

Syntax Description		
<i>mod/port</i>	(Optional) Number of the module and the ports on the module.	
<i>mac_addr</i>	(Optional) MAC address on which the filter that you want to clear is based.	
<i>protocol_type</i>	(Optional) Protocol type on which the filter that you want to clear is based.	
all	(Optional) Keyword to clear all filters.	

Defaults The command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines You can enter the MAC address in canonical format (00-11-33-44-55) or in noncanonical format (00:11:22:33:44:55).

Examples This example shows how to clear a MAC address filter (00:40:0b:01:bc:65) configured on port 2 of module 3:

```
Console> (enable) clear port filter 3/2 00:40:0b:01:bc:65
Port 3/2 filter Mac Address 00:40:0b:01:bc:65 cleared.
Console> (enable)
```

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

clear port host

Use the **clear port host** command to clear the port configuration for optimizing a host connection.

clear port host *mod/port*

Syntax Description	<i>mod/port</i> Number of the module and the port on the module.
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Defaults	This command has no default settings.
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Command Types	Switch command.
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Command Modes	Privileged.
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Examples	This example shows how to clear port host 1 on module 2:
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```
Console> (enable) clear port host 2/1
Port(s) 2/1 trunk mode set to auto.
Spantree port 2/1 fast start disabled.
Port(s) 2/1 channel mode set to auto.
Console> (enable)
```

This example shows how to clear port hosts 1 through 4 on module 2:

```
Console> (enable) clear port host 2/1-4
Port(s) 2/1 trunk mode set to auto.
Port(s) 2/2 trunk mode set to auto.
Port(s) 2/3 trunk mode set to auto.
Port(s) 2/4 trunk mode set to auto.
Spantree ports 2/1-4 fast start disabled.
Port(s) 2/1 channel mode set to auto.
Port(s) 2/2 channel mode set to auto.
Port(s) 2/3 channel mode set to auto.
Port(s) 2/4 channel mode set to auto.
console> (enable)
```

Related Commands	set port host
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clear port qos cos

Use the **clear port qos cos** command to return the values set by the **set port qos** command to the default values for all specified ports.

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

Syntax Description	<i>mod/ports...</i> Number of the module and ports.
Defaults	The default CoS for a port is 0.
Command Types	Switch command.
Command Modes	Privileged.
Examples	<p>This example shows how to return the values set by the set port qos command to the default values for module 2, port 1:</p> <pre>Console> (enable) clear port qos 2/1 cos Port 2/1 qos cos setting cleared. Console> (enable)</pre>
Related Commands	set port qos show port qos

clear port security

Use the **clear port security** command to clear all MAC addresses or a specific MAC address from the list of secure MAC addresses on a port.

```
clear port security mod/port {mac_addr | all}
```

Syntax Description	<i>mod/port</i>	(Optional) Number of the module and the ports on the module.
	<i>mac_addr</i>	MAC address to be deleted.
	all	Keyword to remove 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 qos config

Use the **clear qos config** command to return the values set by the **set qos** command to the default values and delete the CoS-to-MAC address mappings.

clear qos config

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 return the values set by the **set qos** command to the default values 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 ip-filter

Use the **clear qos ip-filter** command to delete entries from the ACE list.

clear qos ip-filter {*ACE#* / **all**}

Syntax Description	<i>ACE#</i> Number of the current position in the ACE list.
	all Keyword to delete all the entries in the ACE list.
Defaults	This command has no default settings.
Command Types	Switch command.
Command Modes	Privileged.
Usage Guidelines	This command is supported only on Catalyst 5000 family switches configured with Supervisor Engine II G or III G, or Supervisor Engine III.
Examples	<p>This example shows how to remove a specific entry from the ACE list:</p> <pre>Console> (enable) clear qos ip-filter 3 qos ip-filter 3 is cleared. Console> (enable)</pre> <p>This example shows how to remove all entries from the ACE list:</p> <pre>Console> (enable) clear qos ip-filter all qos ip-filter are all cleared. Console> (enable)</pre>
Related Commands	<p>set qos ip-filter</p> <p>show qos ip</p>

clear qos mac-cos

Use the **clear qos mac-cos** command to clear the values set by the **set qos mac-cos** command.

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

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

Syntax Description

<i>dest_mac</i>	Destination host MAC address.
<i>vlan</i>	(Optional) Number of the VLAN.
all	Keyword to clear CoS values for all MAC/VLAN pairs.

Defaults

This command has no default settings.

Command Types

Switch command.

Command Modes

Privileged.

Usage Guidelines

This command is supported only on Catalyst 5000 family switches with Supervisor Engine II G or III G, or Supervisor Engine III.

If the *vlan* number 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 values 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 values 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

Use the **clear qos map** command to return the CoS-to-transmit queue and drop threshold values to their default values.

clear qos map *port_type*

Syntax Description	<i>port_type</i> Port type; valid values are 1q4t and 2q1t .
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 II G or III G, or Supervisor Engine III.
Examples	<p>This example shows how to return the CoS-to-transmit queue and drop threshold mappings to the default values on 1q4t ports:</p> <pre> Console> (enable) clear qos map 1q4t Qos map setting cleared. Console> (enable) </pre>
Related Commands	<p>set qos map show qos info</p>

clear qos router-mac

Use the **clear qos router-mac** command to remove entries from the list of router MAC address-to-VLAN mappings on which to perform ACE-based classification.

clear qos router-mac *mac_addr* *vlan*

clear qos router-mac all

Syntax Description	
<i>mac_addr</i>	MAC address to remove from the list of router MAC address-to-VLAN mappings.
<i>vlan</i>	VLAN number mapped to the specified router MAC address; valid values are from 1 to 1005 .
all	Keyword to remove all entries from the list of router MAC address-to-VLAN mappings.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines This command is supported on Catalyst 5000 family switches configured with Supervisor Engine II G or III G, or Supervisor Engine III.

You can enter the MAC address in canonical format (00-11-33-44-55) or in noncanonical format (00:11:22:33:44:55).

Examples This example shows how to remove a specific entry from the list of router MAC address-to-VLAN mappings:

```
Console> (enable) clear qos router-mac 00-40-0b-30-03-48 2
QoS Router MAC/Vlan(s) cleared.
Console> (enable)
```

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

clear radius key

Use the **clear radius key** command to clear all the RADIUS shared keys from the RADIUS shared key table.

clear radius key

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 RADIUS key:

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

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

clear radius server

Use the **clear radius server** command to clear all or one of the RADIUS servers from the RADIUS server table.

clear radius server all

clear radius server *ipaddr*

Syntax	Description
all	Keyword to clear all RADIUS servers.
<i>ipaddr</i>	Number of the IP address or IP alias.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines The IP address is entered in dotted decimal notation, for example, 101.102.103.104.

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

```
Console> (enable) clear radius server 192.168.255.255
192.168.255.255 cleared from radius server table.
Console> (enable)
```

Related Commands [set radius server](#)
[show radius](#)

clear rcp

Use the **clear rcp** command to clear rcp information for file transfers.

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

Use the **clear rgmp statistics** command to clear RGMP statistics information for all VLANs.

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 snmp access

Use the **clear snmp access** command to remove the access rights of an SNMP group with a specific security model and security level.

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

```
clear snmp access {security-model v3 {noauthentication | authentication | privacy}}
```

Syntax Description		
	-hex	(Optional) Keyword to display the <i>groupname</i> as a hexadecimal format.
	<i>groupname</i>	SNMP group name.
	security-model v1 v2c	Keywords to specify the security model v1 or v2c.
	security-model v3	Keywords to specify security model v3.
	noauthentication	Keyword to specify that the security model is not set to use authentication protocol.
	authentication	Keyword to specify the type of authentication protocol.
	privacy	Keyword to specify that messages sent on behalf of the user are protected from disclosure.

Defaults This command has no default settings.

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.

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

- [clear config](#)
- [set snmp access](#)
- [show snmp](#)

clear snmp community

Use the **clear snmp community** command to remove the mappings between different community strings and security modes.

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

Syntax Description	index	Keyword to specify clearing an index.
	-hex	(Optional) Keyword to display the <i>index_name</i> in a hexadecimal format.
	<i>index_name</i>	Name of the SNMP index.

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 group

Use the **clear snmp group** command to clear the SNMP user from an SNMP group.

```
clear snmp group [-hex] {groupname} user [-hex] {username} {security-model {v1 | v2 | v3}}
```

Syntax Description	-hex	(Optional) Keyword to display the <i>groupname</i> or <i>username</i> in a hexadecimal format.
	<i>groupname</i>	Name of the SNMP group that defines an access control.
	user <i>username</i>	Keyword and variable to specify the SNMP user name.
	security model v1 v2 v3	Keywords to specify 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 *groupname* or *username* (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 clear the SNMP group from the vacmAccessTable:

```
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](#)

clear snmp notify

Use the **clear snmp notify** command to clear the SNMP notifyname in the SNMP Notify Table.

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

Syntax Description	-hex (Optional) Keyword to display the <i>notifyname</i> in a hexadecimal format. <i>notifyname</i> A unique 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 <i>notifyname</i> (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
-------------------------	--

clear snmp targetaddr

Use the **clear snmp targetaddr** command to clear the SNMP target address entry in the TargetAddressTable.

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

Syntax Description	-hex (Optional) Keyword to display the <i>addrname</i> in a hexadecimal format.
	<i>addrname</i> An arbitrary but unique 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 <i>addrname</i> (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
-------------------------	--

clear snmp targetparams

Use the **clear snmp targetparams** command to clear the SNMP target parameters used in the snmpTargetParamsTable.

clear snmp targetparams [-hex] {paramsname}

Syntax Description	-hex	(Optional) Keyword to display the <i>paramsname</i> 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 *paramsname* (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 the SNMP target parameters in the snmpTargetParamsTable:

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

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

clear snmp trap

Use the **clear snmp trap** command to clear an entry from the SNMP trap receiver table.

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	Keyword to clear 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.

Usage Guidelines Enter the *rcvr_addr* value in dotted decimal notation, for example, 101.102.103.104.

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

```
Console> (enable) clear snmp trap 192.168.255.255
SNMP trap receiver deleted.
Console> (enable)
```

Related Commands

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

clear snmp user

Use the **clear snmp user** command to remove an SNMP user.

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

Syntax Description		
-hex	(Optional) Keyword to display the <i>username</i> as a hexadecimal format.	
<i>username</i>	Name of the user on the host that connects to the agent.	
remote <i>engineid</i>	(Optional) Keyword and variable to specify the username 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 *username* (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](#)

clear snmp view

Use the **clear snmp view** command to remove the MIB viewname from the vacmViewTreeFamilyTable.

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

Syntax Description	-hex (Optional) Keyword to display the <i>viewname</i> 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 *viewname* (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 in conjunction 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](#)

clear spantree portvlancost

Use the **clear spantree portvlancost** command to restore the default spanning tree port VLAN cost on a port.

clear spantree portvlancost *mod/port preferred_vlans*

Syntax Description	<i>mod/port</i>	Number of the module and the port on the module.
	<i>preferred_vlans</i>	List of VLANs for which to restore the default spanning tree port VLAN cost; valid values are from 1 to 1005 .

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to restore the default spanning tree port VLAN cost for VLANs 1 through 10 on port 2/10:

```
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)
```

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

clear spantree portvlanpri

Use the **clear spantree portvlanpri** command to restore the default spanning tree port VLAN priority on a port.

clear spantree portvlanpri *mod/port vlans*

clear spantree portvlanpri **trcrf** | **trbrf**

Syntax Description		
<i>mod/port</i>		Number of the module and the port on the module.
<i>vlans</i>		List of VLANs for which to restore the default spanning tree port VLAN priority; valid values are from 1 to 1005 .
trcrf		Keyword to specify the TrCRF for which to clear the spanning tree port VLAN priority.
trbrf		Keyword to specify the TrBRF for which to clear the spanning tree port VLAN priority.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to restore the default spanning tree port VLAN priority for VLANs 23 to 40 on port 1/2:

```
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

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

clear spantree root *vlan*s

Syntax Description

*vlan*s List of the VLANs for which to restore the spanning tree default settings; valid values are from **1** to **1005**.

Defaults

The defaults are:

- 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 restore the spanning tree bridge priority, hello time, maxage, and forward delay for VLANs 1 through 20 to their default values:

```
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.
```

Related Commands

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

clear spantree statistics

Use the **clear spantree statistics** command to clear the spanning tree statistics on a specified port or VLAN.

clear spantree statistics *mod/port*

clear spantree statistics *vlan*

Syntax Description	<i>mod/port</i>	Number of the module and port on the module.
	<i>vlan</i>	List of the VLAN numbers to clear.

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)
```

Related Commands [show spantree statistics](#)

clear spantree uplinkfast

Use the **clear spantree uplinkfast** command to disable UplinkFast and return the spanning tree bridge priority, port priorities, and port costs to their default values.

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 This command changes spanning tree port priorities and port costs, which might affect VLAN load-balancing configurations.

Examples This example shows how to turn off the UplinkFast feature and return the spanning tree bridge priority, port priorities, and port costs to their default values:

```
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 station

Use the **clear station** command to remove a station from the Token Ring network.

clear station *mod/port mac_addr*

Syntax Description	<i>mod/port</i>	Number of the module and the port on the module.
	<i>mac_addr</i>	MAC address of the station that you want to remove.

Defaults The command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines Enter the MAC address in noncanonical (00:11:22:33:44:55) format.



Caution

Use this command with extreme caution, it sends a Remove Station MAC frame to a specific station and removes that station from the Token Ring network.

Examples This example shows how to remove the station with the MAC address 00:40:0b:01:bc:65 from port 2 of module 3:

```
Console> (enable) clear station 3/2 00:40:0b:01:bc:65
Mac Address 00:40:0b:01:bc:65 cleared.
Console> (enable)
```

Related Commands

- [clear station counters](#)
- [set station softerror](#)
- [show station softerror config](#)
- [show station softerror counters](#)

clear station counters

Use the **clear station counters** command to reset the soft error statistics.

clear station counters *mod*[/*port*]

Syntax Description	<i>mod</i>	Number of the module.
	<i>/port</i>	(Optional) Number of the port on the module.

Defaults The command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to reset the soft error statistics collected for stations on port 10 of module 3:

```
Console> (enable) clear station counters 3/10
Port 3/10 station counters cleared.
Console> (enable)
```

Related Commands

- [clear station](#)
- [set station softerror](#)
- [show station softerror counters](#)

clear tacacs key

Use the **clear tacacs key** command to remove the TACACS+ authentication and encryption server key.

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 TACACS+ server key 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

Use the **clear tacacs server** command to remove a host from the list of TACACS+ servers.

clear tacacs server {*ip_addr* | **all**}

Syntax Description	<i>ip_addr</i>	IP address of the server to be removed from the list of TACACS+ servers.
	all	Keyword to remove all hosts 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 192.168.255.255  
192.168.255.255 cleared from TACACS table  
Console> (enable)
```

Related Commands [show tacacs](#)

clear timezone

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

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 enabled. If you set the time manually and NTP is disabled, 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

Use the **clear top** command to terminate running TopN report processes.

```
clear top {all | report}
```

Syntax Description	<table border="1"> <tr> <td>all</td> <td>Keyword to terminate all nonpending TopN results.</td> </tr> <tr> <td><i>report</i></td> <td>TopN report number to terminate; valid values are 1 to 5.</td> </tr> </table>	all	Keyword to terminate all nonpending TopN results.	<i>report</i>	TopN report number to terminate; valid values are 1 to 5 .
all	Keyword to terminate all nonpending TopN results.				
<i>report</i>	TopN report number to terminate; valid values are 1 to 5 .				
Defaults	This command has no default settings.				
Command Types	Switch command.				
Command Modes	Privileged.				
Usage Guidelines	<p>The clear top all command will not kill any pending TopN reports. Only reports with a <i>done</i> status are killed.</p> <p>You can terminate TopN processes without the background option by pressing Ctrl-C in the same Telnet/console session, or by entering the clear top [<i>report</i>] command from a separate Telnet/console session. Use the show top background command to find out if the background option is used.</p> <p>The prompt is not displayed before the TopN report is completely displayed. Other commands will be blocked until the report has been displayed.</p>				
Examples	<p>This example shows how to stop the TopN process 1 from a console session:</p> <pre>Console> (enable) clear top 1 Console> (enable) %MGMT-5-TOPN_TERMINATE:Report 1 terminated by Console// Console> (enable)</pre> <p>This example shows how to stop all nonpending TopN report processes:</p> <pre>Console> (enable) clear top all Console> (enable) %MGMT-5-TOPN_TERMINATE:Report 1 terminated by Console// %MGMT-5-TOPN_TERMINATE:Report 2 terminated by Console// %MGMT-5-TOPN_TERMINATE:Report 3 terminated by Console// Console> (enable)</pre>				

clear top

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

```
Console> (enable) clear top 1  
Console> (enable) %MGMT-5-TOPN_TERMINATE:Report 1 terminated by telnet/172.20.52.124//  
Console> (enable)
```

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

clear trunk

Use the **clear trunk** command 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.

clear trunk *mod/ports...* [*vlangs*]

Syntax Description

<i>mod/ports...</i>	Number of the module and the ports on the module.
<i>vlangs</i>	(Optional) One or more VLANs to remove from the allowed VLAN list for the trunk port; valid values are 2 to 1005 .

Defaults

If you do not specify any VLANs, this command sets the mode to auto for ISL and IEEE 802.1Q trunk ports. For more information about **auto** and **off** modes, see the **set trunk** command.

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. Traffic for the removed VLANs is not forwarded over the trunk port.

Default VLANs cannot be cleared from the allowed VLAN list on the trunk.

To add VLANs that you have removed, use the **set trunk** *mod/port vlan_range* command.

Examples

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

```
Console> (enable) clear trunk 1/2
Port(s) 1/2 trunk mode set to auto.
Port(s) 1/2 trunk type set to isl.
Console> (enable)
```

Related Commands

set trunk
show trunk

clear vlan

Use the **clear vlan** command to delete an existing VLAN from a management domain.

clear vlan *vlan*

Syntax Description	<i>vlan</i> Number of the VLAN; valid value is 2 to 1000 .
---------------------------	--

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

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

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

Usage Guidelines	<p>Follow these guidelines for deleting VLANs:</p> <ul style="list-style-type: none"> • When you delete an Ethernet VLAN in VTP server mode, the VLAN is removed from all switches in the same VTP domain. • When you delete a VLAN in VTP transparent mode, the VLAN is deleted only on the current switch. • To delete a Token Ring TrBRF VLAN, you must first reassign its child TrCRFs to another parent TrBRF, or delete the child TrCRFs.
-------------------------	--



Caution

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 still configured on that VLAN are also reactivated. A warning is displayed if you clear a VLAN that exists in the mapping table.

Examples	This example shows how to clear an existing VLAN (VLAN 4) from a management domain:
-----------------	---

```

Console> (enable) clear vlan 4
This command will deactivate 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 mapping

Use the **clear vlan mapping** command to delete existing 802.1Q VLAN to ISL VLAN-mapped pairs.

```
clear vlan mapping dot1q {1q_vlan | all}
```

Syntax Description	dot1q	Keyword to specify the 802.1Q VLAN.
	<i>1q_vlan</i>	Number of the 802.1Q VLAN for which to remove the mapping.
	all	Keyword to clear the mapping table of all entries.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to clear an existing mapped 802.1Q VLAN (VLAN 1044) from the mapping table:

```
Console> (enable) clear vlan mapping dot1q 1044
Vlan Mapping 1044 Deleted.
Console> (enable)
```

This example shows how to clear all mapped 802.1Q VLANs from the mapping table:

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

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

clear vmpls server

Use the **clear vmpls server** command to delete a VMPS server from the VMPS server table.

clear vmpls server *ip_addr*

Syntax Description	<i>ip_addr</i> IP address 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
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clear vmps statistics

Use the **clear vmps statistics** command to delete existing VMPS statistics.

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 pruning

Use the **clear vtp pruning** command to specify which VLANs in the VTP domain are ineligible for pruning.

clear vtp pruning *vlan*

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

Defaults	By default, VLANs 2 to 1000 are eligible for pruning.
-----------------	---

Command Types	Switch command.
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Command Modes	Privileged.
----------------------	-------------

Usage Guidelines	VTP pruning prevents traffic in each pruning-eligible VLAN from being transmitted on a VLAN trunk if no stations belonging to that VLAN are located across that trunk. Use the set vtp command to enable VTP pruning.
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Use the **set vtp pruneeligible** command to make the VLANs eligible for pruning again.

Examples	This example shows how to make VLANs 200 to 500 ineligible for pruning:
-----------------	---

```
Console> (enable) clear vtp pruning 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 statistics
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