

# cd

Use the **cd** command to set the default Flash device for the system.

```
cd [[m/]device:]
```

<b>Syntax Description</b>	<table border="0"> <tr> <td style="border-right: 1px solid black; padding-right: 10px;"><i>m/</i></td> <td>(Optional) Module number of the supervisor engine containing the Flash device.</td> </tr> <tr> <td style="border-right: 1px solid black; padding-right: 10px;"><i>device:</i></td> <td>(Optional) Valid devices include <b>bootflash</b> and <b>slot0</b>.</td> </tr> </table>	<i>m/</i>	(Optional) Module number of the supervisor engine containing the Flash device.	<i>device:</i>	(Optional) Valid devices include <b>bootflash</b> and <b>slot0</b> .
<i>m/</i>	(Optional) Module number of the supervisor engine containing the Flash device.				
<i>device:</i>	(Optional) Valid devices include <b>bootflash</b> and <b>slot0</b> .				
<b>Defaults</b>	The default Flash device is bootflash.				
<b>Command Types</b>	Switch command.				
<b>Command Modes</b>	Normal.				
<b>Usage Guidelines</b>	<p>A colon (:) is required after the specified device.</p> <p>For those commands where device is an option, the device set by <b>cd</b> is used if the default device is not specified.</p>				
<b>Examples</b>	<p>This example shows how to set the system default Flash device to bootflash:</p> <pre>Console&gt; <b>cd bootflash:</b> Default flash device set to bootflash. Console&gt;</pre>				
<b>Related Commands</b>	<b>pwd</b>				

# clear alias

Use the **clear alias** command to clear the shorthand versions of commands.

**clear alias** {*name* | **all**}

Syntax Description	<i>name</i>	Alternate identifier of the command.
	<b>all</b>	Keyword that clears every alternate identifier previously created.

**Defaults** This command has no default setting.

**Command Types** Switch command.

**Command Modes** Privileged.

**Examples** This example shows how to erase the arpdel alias:

```
Console> (enable) clear alias arpdel
Command alias deleted.
Console> (enable)
```

This example shows how to erase all the aliases:

```
Console> (enable) clear alias all
Command alias table cleared. (1)
Console> (enable)
```

(1) indicates the number of command aliases cleared.

**Related Commands** **set alias**  
**show alias**

# clear arp

Use the **clear arp** command to delete a specific entry or all entries from the ARP table.

```
clear arp [all | dynamic | permanent | static] {ip_addr}
```

Syntax Description	
<b>all</b>	(Optional) Keyword to clear all ARP entries.
<b>dynamic</b>	(Optional) Keyword to clear all dynamic ARP entries.
<b>permanent</b>	(Optional) Keyword to clear all permanent ARP entries.
<b>static</b>	(Optional) Keyword to clear all static ARP entries.
<i>ip_addr</i>	IP address to clear from the ARP table.

**Defaults** This command has no default setting.

**Command Types** Switch command.

**Command Modes** Privileged.

**Examples** This example shows how to remove IP address 198.133.219.209 from the ARP table:

```
Console> (enable) clear arp 198.133.219.209
ARP entry deleted.
Console> (enable)
```

This example shows how to remove all entries from the ARP table:

```
Console> (enable) clear arp all
ARP table cleared. (1)
Console> (enable)
```

(1) indicates the number of entries cleared.

This example shows how to remove all dynamically learned ARP entries:

```
Console> (enable) clear arp dynamic
Unknown host
Dynamic ARP entries cleared. (3)
Console> (enable)
```

This example shows how to clear all permanently entered ARP entries:

```
Console> (enable) clear arp permanent
Unknown host
Permanent ARP entries cleared. (5)
Console> (enable)
```

**Related Commands**

- set arp**
- show arp**

# clear banner motd

Use the **clear banner motd** command to clear the message-of-the-day banner.

**clear banner motd**

---

**Syntax Description** This command has no arguments or keywords.

---

**Defaults** This command has no default setting.

---

**Command Types** Switch command.

---

**Command Modes** Privileged.

---

**Examples** This example shows how to clear the message-of-the-day banner:

```
Console> (enable) clear banner motd
MOTD banner cleared
Console> (enable)
```

---

**Related Commands** **set banner motd**

# clear boot auto-config

Use the **clear boot auto-config** command to clear the contents of the CONFIG\_FILE environment variable used to specify the configuration files used during bootup.

```
clear boot auto-config [mod]
```

<b>Syntax Description</b>	<i>mod</i> (Optional) Module number of the supervisor engine containing the Flash device.
---------------------------	---

<b>Defaults</b>	This command has no default setting.
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<b>Command Types</b>	Switch command.
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<b>Command Modes</b>	Privileged.
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<b>Examples</b>	This example shows how to clear the auto-config file:
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```
Console> (enable) clear boot auto-config  
CONFIG_FILE variable =  
Console> (enable)
```

<b>Related Commands</b>	<b>set boot auto-config</b> <b>show boot</b>
-------------------------	---

# clear boot device

Use the **clear boot device** command to clear the contents of the CONFIG\_FILE environment variable used to specify the NAM startup configuration files used.

**clear boot device** *mod*

<b>Syntax Description</b>	<i>mod</i>	Number of the module containing the Flash device.
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<b>Defaults</b>	This command has no default setting.
-----------------	--------------------------------------

<b>Command Types</b>	Switch command.
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<b>Command Modes</b>	Privileged.
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<b>Usage Guidelines</b>	This command is supported by the NAM module only.
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<b>Examples</b>	This example shows how to clear the NAM boot string from NVRAM for module 2:
-----------------	--

```
Console> (enable) clear boot device 2
Device BOOT variable =
Console> (enable)
```

<b>Related Commands</b>	<b>set boot device</b> <b>show boot device</b>
-------------------------	---

# clear boot system

Use the **clear boot system** command set to clear the contents of the BOOT environment variable and the configuration register setting.

**clear boot system all** [*mod*]

**clear boot system flash** *device:[filename]* [*mod*]

Syntax Description		
<b>all</b>		Keyword to clear the whole BOOT environment variable.
<i>mod</i>		(Optional) Module number of the supervisor engine containing the Flash device.
<b>flash</b>		(Optional) Keyword to clear the Flash device.
<i>device:</i>		Name of the Flash device.
<i>filename</i>		(Optional) Filename of the Flash device.

**Defaults** This command has no default setting.

**Command Types** Switch command.

**Command Modes** Privileged.

**Examples** This example shows how to clear the whole BOOT environment variable:

```
Console> (enable) clear boot system all
BOOT variable =
Console> (enable)
```

This example shows how to clear a specific device:

```
Console> (enable) clear boot system flash bootflash:cat6000-sup.5-5-1.bin
BOOT variable = bootflash:cat6000-sup.5-2-1.bin,1;bootflash:cat6000-sup.4-5-2.
bin,1;
Console> (enable)
```

**Related Commands** **set boot system flash**  
**show boot**

# clear cam

Use the **clear cam** command to delete a specific entry or all entries from the CAM table.

```
clear cam {mac_addr | dynamic | static | permanent} [vlan]
```

<b>Syntax Description</b>	<i>mac_addr</i>	One or more MAC addresses.
	<b>dynamic</b>	Keyword to clear the dynamic CAM entries from the CAM table.
	<b>static</b>	Keyword to clear the static CAM entries from the CAM table.
	<b>permanent</b>	Keyword to clear the permanent CAM entries from the CAM table.
	<i>vlan</i>	(Optional) Number of the VLAN; valid values are 1 to 1005.

**Defaults** This command has no default setting.

**Command Types** Switch command.

**Command Modes** Privileged.

**Examples** This example shows how to remove MAC address 00-40-0b-a0-03-fa from the CAM table:

```
Console> (enable) clear cam 00-40-0b-a0-03-fa
CAM table entry cleared.
Console> (enable)
```

This example shows how to clear dynamic entries from the CAM table:

```
Console> (enable) clear cam dynamic
Dynamic CAM entries cleared.
Console> (enable)
```

**Related Commands** **set cam**  
**show cam**

# clear channel statistics

Use the **clear channel statistics** command to clear PAgP statistical information.

**clear channel statistics**

---

**Syntax Description** This command has no arguments or keywords.

---

**Defaults** This command has no default setting.

---

**Command Types** Switch command.

---

**Command Modes** Privileged.

---

**Examples** This example shows how to clear PAgP statistical information:

```
Console> (enable) clear channel statistics  
PAgP statistics cleared.  
Console> (enable)
```

---

**Related Commands** **show channel**

# clear config

Use the **clear config** command to clear the system or module configuration information stored in NVRAM.

```
clear config {mod | rmon | all | snmp | acl {nvram}}
```

## Syntax Description

<i>mod</i>	Number of the module.
<b>rmon</b>	Keyword to clear all RMON configurations, including the historyControlTable, the alarmTable, the eventTable, and the ringStation ControlTable.
<b>all</b>	Keyword to clear all module and system configuration information, including the IP address.
<b>snmp</b>	Keyword to clear all SNMP configurations.
<b>acl nvram</b>	Keywords to clear all ACL configurations.

## Defaults

This command has no default setting.

## Command Types

Switch command.

## Command Modes

Privileged.

## Usage Guidelines

Before using the **clear config all** command, save a backup of the configuration using the **copy** command.

## Examples

This example shows how to delete the configuration information in NVRAM on module 2:

```
Console> (enable) clear config 2
This command will clear module 2 configuration.
Do you want to continue (y/n) [n]? y
.....
Module 2 configuration cleared.
Console> (enable)
```

This example shows how to delete the configuration information stored in NVRAM on module 1 (the supervisor engine):

```
Console> (enable) clear config 1
This command will clear module 1 configuration.
Do you want to continue (y/n) [n]? y
.....
Module 1 configuration cleared.
host%
```

This example shows how to delete all the configuration information for the Catalyst 6000 family switches:

```
Console> (enable) clear config all  
This command will clear all configuration in NVRAM.  
Do you want to continue (y/n) [n]? y  
.....  
Connection closed by foreign host  
host%
```

This example shows how to delete all the SNMP configuration information for the Catalyst 6000 family switches:

```
Console> (enable) clear config snmp  
This command will clear SNMP configuration in NVRAM.  
Do you want to continue (y/n) [n]? y  
.....  
Connection closed by foreign host  
host%
```

This example shows how to delete all ACL configuration information from NVRAM:

```
Console> (enable) clear config acl nvram  
ACL configuration has been deleted from NVRAM.  
Warning: Use the copy commands to save the ACL configuration to a file and  
the 'set boot config-register auto-config' commands to configure the  
auto-config feature.  
Console> (enable)
```

---

**Related Commands**

**configure**  
**show config**

# clear config pvlan

Use the **clear config pvlan** command to clear all private VLAN configurations in the system including port mappings.

## clear config pvlan

**Syntax Description** This command has no arguments or keywords.

**Defaults** This command has no default setting.

**Command Types** Switch command.

**Command Modes** Privileged.

**Examples** This example shows how to clear all private VLAN configurations in the system:

```
Console> (enable) clear config pvlan
This command will clear all private VLAN configurations.
Do you want to continue (y/n) [n]? y
VLAN 15 deleted
VLAN 16 deleted
VLAN 17 deleted
VLAN 18 deleted
Private VLAN configuration cleared.
Console> (enable)
```

**Related Commands**

- set vlan**
- show vlan**
- set pvlan**
- set pvlan mapping**
- clear vlan**
- clear pvlan mapping**
- show pvlan**
- show pvlan mapping**
- configure**
- show config**

# clear cops

Use the **clear cops** command to clear COPS configurations.

```
clear cops roles role1 [role2]...
```

```
clear cops all-roles
```

```
clear cops server all
```

```
clear cops server ipaddress [primary] [diff-serv | rsvp]
```

```
clear cops server ipaddress [diff-serv | rsvp]
```

```
clear cops domain-name
```

Syntax Description	
<b>roles</b> <i>role#</i>	Keyword and variable to specify the roles to clear.
<b>all-roles</b>	Keyword to clear all roles.
<b>server</b>	Keyword to specify the COPS server.
<b>all</b>	Keyword to clear all servers.
<i>ipaddress</i>	Keyword and variable to specify the IP address or IP alias of the server.
<b>primary</b>	(Optional) Keyword to specify the primary server.
<b>diff-serv</b>	(Optional) Keyword to specify the differentiated services server table.
<b>rsvp</b>	(Optional) Keyword to specify the RSVP+ server table.
<i>domain-name</i>	Domain name of the server.

**Defaults** This command has no default setting.

**Command Types** Switch command.

**Command Modes** Privileged.

**Usage Guidelines** You can use the **clear cops all-roles** command to clear all roles from all ports.

**Examples** This example shows how to clear specific roles:

```
Console> (enable) clear cops roles backbone_port main_port
Roles cleared.
Console> (enable)
```

This example shows how to clear all roles:

```
Console> (enable) clear cops all-roles  
All roles cleared.  
Console> (enable)
```

This example shows how to clear all COPS servers:

```
Console> (enable) clear cops server all  
All COPS servers cleared.  
Console> (enable)
```

This example shows how to clear a specific COPS server:

```
Console> (enable) clear cops server my_server1  
All COPS servers cleared.  
Console> (enable)
```

This example shows how to clear the COPS domain name:

```
Console> (enable) clear cops domain-name  
Domain name cleared.  
Console> (enable)
```

---

**Related Commands**

**show cops**  
**set cops**

# clear counters

Use the **clear counters** command to clear MAC and port counters.

**clear counters**

---

**Syntax Description** This command has no keywords or arguments.

---

**Defaults** This command has no default setting.

---

**Command Types** Switch command.

---

**Command Modes** Privileged.

---

**Examples** This example shows how to reset MAC and port counters to zero:

```
Console> (enable) clear counters
This command will reset all MAC and port counters reported in CLI and SNMP.
Do you want to continue (y/n) [n]? y
MAC and Port counters cleared.
Console> (enable)
```

---

**Related Commands** **show counters**  
**show port counters**

# clear igmp statistics

Use the **clear igmp statistics** command to clear IGMP snooping statistical information.

**clear igmp statistics**

---

**Syntax Description** This command has no arguments or keywords.

---

**Defaults** This command has no default setting.

---

**Command Types** Switch command.

---

**Command Modes** Privileged.

---

**Examples** This example shows how to clear IGMP statistical information:

```
Console> (enable) clear igmp statistics
IGMP statistics cleared.
Console> (enable)
```

---

**Related Commands** **set igmp**  
**show igmp statistics**

# clear ip alias

Use the **clear ip alias** command to clear IP aliases set using the **set ip alias** command.

```
clear ip alias {name | all}
```

<b>Syntax Description</b>	<i>name</i>	IP address alias to delete.
	<b>all</b>	Keyword to specify that all previously set IP address aliases be deleted.

**Defaults** This command has no default setting.

**Command Types** Switch command.

**Command Modes** Privileged.

**Examples** This example shows how to delete a previously defined IP alias named babar:

```
Console> (enable) clear ip alias babar  
IP alias deleted.  
Console> (enable)
```

**Related Commands**

- set ip alias**
- show ip alias**

# clear ip dns domain

Use the **clear ip dns domain** command to clear the default DNS domain name.

**clear ip dns domain**

---

**Syntax Description** This command has no arguments or keywords.

---

**Defaults** This command has no default setting.

---

**Command Types** Switch command.

---

**Command Modes** Privileged.

---

**Examples** This example shows how to clear the default DNS domain name:

```
Console> (enable) clear ip dns domain
Default DNS domain name cleared.
Console> (enable)
```

---

**Related Commands** **set ip dns domain**  
**show ip dns**

# clear ip dns server

Use the **clear ip dns server** command to remove a DNS server from the DNS server listing.

```
clear ip dns server {ip_addr | all}
```

<b>Syntax Description</b>	<i>ip_addr</i>	IP address of the DNS server you want to remove. An IP alias or a host name that can be resolved through DNS can also be used.
	<b>all</b>	Keyword to specify all the IP addresses in the DNS server listing to be removed.

**Defaults** This command has no default setting.

**Command Types** Switch command.

**Command Modes** Privileged.

**Examples** This example shows how to remove the DNS server at IP address 198.92.30.32 from the DNS server listing:

```
Console> (enable) clear ip dns server 198.92.30.32  
198.92.30.32 cleared from DNS table.  
Console> (enable)
```

This example shows how to remove all DNS servers from the DNS server listing:

```
Console> (enable) clear ip dns server all  
All DNS servers cleared  
Console> (enable)
```

**Related Commands** **set ip dns server**  
**show ip dns**

# clear ip permit

Use the **clear ip permit** command to remove a specified IP address and mask or all IP addresses and masks from the permit list.

```
clear ip permit {ip_addr} [mask] [snmp | telnet | all]
```

Syntax Description		
<i>ip_addr</i>	IP address to be cleared. An IP alias or a host name that can be resolved through DNS can also be used.	
<i>mask</i>	(Optional) Subnet mask of the specified IP address.	
<b>snmp</b>	(Optional) Keyword to specify removal from the SNMP IP permit list.	
<b>telnet</b>	(Optional) Keyword to specify removal from the Telnet IP permit list.	
<b>all</b>	(Optional) Keyword to specify all entries in the IP permit list to be removed.	

**Defaults** This command has no default setting.

**Command Types** Switch command.

**Command Modes** Privileged.

**Usage Guidelines** The **clear ip permit all** command clears the permit list but does not change the state of the IP permit feature. A warning is displayed if all IP addresses are cleared from the permit list, and the feature is enabled. If a mask other than the default (255.255.255.255) has been configured, you must provide both the address and mask to clear a specific entry.

If the **snmp**, **telnet**, or **all** keyword is not specified, the IP address is removed from both the SNMP and Telnet permit lists.

---

**Examples**

These examples show how to remove specified IP addresses:

```
Console> (enable) clear ip permit 172.100.101.102  
172.100.101.102 cleared from IP permit list.  
Console> (enable)
```

```
Console> (enable) clear ip permit 172.160.161.0 255.255.192.0 snmp  
172.160.128.0 with mask 255.255.192.0 cleared from snmp permit list.  
Console> (enable)
```

```
Console> (enable) clear ip permit 172.100.101.102 telnet  
172.100.101.102 cleared from telnet permit list.  
Console> (enable)
```

```
Console> (enable) clear ip permit all  
IP permit list cleared.  
WARNING  
IP permit list is still enabled.  
Console> (enable)
```

---

**Related Commands**

**set ip permit**  
**show ip permit**  
**show port counters**

# clear ip route

Use the **clear ip route** command to delete IP routing table entries.

**clear ip route** *destination gateway*

Syntax Description	
<i>destination</i>	IP address of the host or network. An IP alias or a host name that can be resolved through DNS can also be used.
<i>gateway</i>	IP address or alias of the gateway router.

**Defaults** The default is *destination*. If the destination is not the active default gateway, the actual destination is the default.

**Command Types** Switch command.

**Command Modes** Privileged.

**Examples** This example shows how to delete the route table entries using the **clear ip route** command:

```
Console> (enable) clear ip route 134.12.3.0 elvis
Route deleted.
Console> (enable)
```

**Related Commands** **set ip route**  
**show ip route**

# clear kerberos clients mandatory

Use the **clear kerberos clients mandatory** command to disable mandatory Kerberos authentication for services on the network.

## **clear kerberos clients mandatory**

---

**Syntax Description** This command has no arguments or keywords.

---

**Defaults** Kerberos clients are NOT set to mandatory.

---

**Command Types** Switch command.

---

**Command Modes** Privileged.

---

**Usage Guidelines** If you do not make Kerberos authentication mandatory and Kerberos authentication fails, the application attempts to authenticate users using the default method of authentication for that network service. For example, Telnet prompts for a password.

---

**Examples** This example shows how to clear mandatory Kerberos authentication:

```
Console> (enable) clear kerberos clients mandatory
Kerberos clients mandatory cleared
Console> (enable)
```

---

**Related Commands** **set kerberos clients mandatory**  
**show kerberos**

# clear kerberos credentials forward

Use the **clear kerberos credentials forward** command to disable credentials forwarding.

**clear kerberos credentials forward**

---

**Syntax Description** This command has no arguments or keywords.

---

**Defaults** The default is forwarding is disabled.

---

**Command Types** Switch command.

---

**Command Modes** Privileged.

---

**Usage Guidelines** If you have a TGT and are authenticated to a Kerberized switch, you can use the TGT to authenticate to a host on the network. However, if forwarding is not enabled and you try to list credentials after authenticating to a host, the output will show no Kerberos credentials present.

---

**Examples** This example shows how to disable Kerberos credentials forwarding:

```
Console> (enable) clear kerberos credentials forward
Kerberos credentials forwarding disabled
Console> (enable)
```

---

**Related Commands**

- set kerberos credentials forward**
- set kerberos clients mandatory**
- show kerberos creds**

# clear kerberos creds

Use the **clear kerberos creds** command to delete all the Kerberos credentials.

**clear kerberos creds**

---

**Syntax Description** This command has no arguments or keywords.

---

**Defaults** The command has no default setting.

---

**Command Types** Switch command.

---

**Command Modes** Privileged.

---

**Usage Guidelines** If you have a TGT and are authenticated to a Kerberized switch, you can use the TGT to authenticate to a host on the network.

---

**Examples** This example shows how to delete all Kerberos credentials:

```
Console> (enable) clear kerberos creds
Console> (enable)
```

---

**Related Commands** **set kerberos credentials forward**  
**show kerberos**

# clear kerberos realm

Use the **clear kerberos realm** command to clear an entry that maps the name of a Kerberos realm to a DNS domain name or a host name.

```
clear kerberos realm {dns_domain | host} kerberos-realm
```

Syntax Description		
	<i>dns_domain</i>	DNS domain name.
	<i>host</i>	Host name.
	<i>kerberos-realm</i>	IP address or name of Kerberos realm.

**Defaults** This command has no default setting.

**Command Types** Switch command.

**Command Modes** Privileged.

**Examples** This example shows how to clear an entry mapping a kerberos-realm to a domain name:

```
Console> (enable) clear kerberos realm CISCO CISCO.COM
Kerberos DnsDomain-Realm entry CISCO - CISCO.COM deleted
Console> (enable)
```

**Related Commands**

- set kerberos realm**
- set kerberos local-realm**
- show kerberos**

# clear kerberos server

Use the **clear kerberos server** command to clear a specified KDC entry.

```
clear kerberos server kerberos_realm {hostname | ip_address} [port_num]
```

## Syntax Description

<i>kerberos_realm</i>	Name of the Kerberos realm.
<i>hostname</i>	Name of the host running the KDC.
<i>ip_address</i>	IP address of the host running the KDC.
<i>port_num</i>	(Optional) Number of the port on the module.

## Defaults

This command has no default setting.

## Command Types

Switch command.

## Command Modes

Privileged.

## Usage Guidelines

You can specify to the switch which KDC to use in a Kerberos realm. This command clears a server entry from the table.

## Examples

This example shows how to clear a KDC server entered on the switch:

```
Console> (enable) clear kerberos server CISCO.COM 187.0.2.1 750  
Kerberos Realm-Server-Port entry CISCO.COM-187.0.2.1-750 deleted  
Console> (enable)
```

## Related Commands

**set kerberos server**  
**show kerberos**

# clear key config-key

Use the **clear key config-key** command to remove a private DES key.

**clear key config-key** *string*

<b>Syntax Description</b>	<i>string</i> Name of the DES key; should be no longer than 8 bytes.
---------------------------	--

<b>Defaults</b>	This command has no default setting.
-----------------	--------------------------------------

<b>Command Types</b>	Switch command.
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<b>Command Modes</b>	Privileged.
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<b>Examples</b>	This example shows how to remove a private DES key:
-----------------	---

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

<b>Related Commands</b>	<b>set key config-key</b>
-------------------------	---------------------------

# clear lda

Use the **clear lda** command set to remove the ASLB MLS entries or MAC addresses from the switch.

## clear lda mls

```
clear lda mls [destination ip_addr_spec] [source ip_addr_spec] [protocol protocol
src-port src_port dst-port dst_port]
```

```
clear lda vip {all | vip | vip tcp_port}
```

```
clear lda mac {all | router_mac_address}
```

Syntax Description	
<b>mls</b>	Keyword to remove configured LDs.
<b>destination</b> <i>ip_addr_spec</i>	(Optional) Full destination IP address or a subnet address in these formats: <i>ip_addr</i> , <i>ip_addr/netmask</i> , or <i>ip_addr/maskbit</i> .
<b>source</b> <i>ip_addr_spec</i>	(Optional) Full source IP address or a subnet address in these formats: <i>ip_addr</i> , <i>ip_addr/netmask</i> , or <i>ip_addr/maskbit</i> .
<b>protocol</b> <i>protocol</i>	(Optional) Keyword and variable to specify additional flow information (protocol family and protocol port pair) to be matched; valid values include <b>tcp</b> , <b>udp</b> , <b>icmp</b> , or a decimal number for other protocol families.
<b>src-port</b> <i>src_port</i>	(Optional) Keyword and variable to specify the number of the TCP/UDP source port (decimal). Used with <b>dst-port</b> to specify the port pair if the protocol is <b>tcp</b> or <b>udp</b> . 0 indicates “do not care.”
<b>dst-port</b> <i>dst_port</i>	(Optional) Keyword and variable to specify the number of the TCP/UDP destination port (decimal). Used with <b>src-port</b> to specify the port pair if the protocol is <b>tcp</b> or <b>udp</b> . 0 indicates “do not care.”
<b>vip all</b>	Keywords to remove all VIP couples (set using the <b>set lda</b> command).
<b>vip vip</b>	Keyword and variable to specify a VIP.
<b>vip vip</b> <i>tcp_port</i>	Keyword and variables to specify a VIP and port couple.
<b>mac all</b>	Keywords to clear all ASLB router MAC addresses.
<b>mac</b> <i>router_mac_</i> <i>address</i>	Keyword and variable to clear a specific router MAC address.

**Defaults** This command has no default setting.

**Command Types** Switch command.

**Command Modes** Privileged.

---

**Usage Guidelines**

Entering the **destination** keyword specifies the entries matching the destination IP address specification, entering the **source** keyword specifies the entries matching the source IP address specification, and entering an *ip\_addr\_spec* can specify a full IP address or a subnet address. If you do not specify a keyword, it is treated as a wildcard, and all entries are displayed.

When entering the *ip\_addr\_spec*, use the full IP address or a subnet address in one of the following formats: *ip\_addr*, *ip\_addr/netmask*, or *ip\_addr/maskbit*.

If you do not enter any keywords, the LD is removed from the switch and the LD configuration is removed from NVRAM.

If you do not enter any keywords with the **clear lda mls** command, all ASLB MLS entries are cleared.

---

**Examples**

This example shows how to clear the ASLB MLS entry at a specific destination address:

```
Console> (enable) clear lda mls destination 172.20.26.22  
MLS IP entry cleared.  
Console> (enable)
```

This example shows how to delete a VIP and port pair (VIP 10.0.0.8, port 8):

```
Console> (enable) clear lda vip 10.0.0.8 8  
Successfully deleted vip/port pairs.  
Console> (enable)
```

This example shows how to clear all ASLB router MAC addresses:

```
Console> (enable) clear lda mac all  
Successfully cleared Router MAC address.  
Console> (enable)
```

This example shows how to clear a specific ASLB router MAC address:

```
Console> (enable) clear lda mac 1-2-3-4-5-6  
Successfully cleared Router MAC address.  
Console> (enable)
```

---

**Related Commands**

**commit lda**  
**show lda**  
**set lda**

# clear log

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

```
clear log [mod]
```

```
clear log dump
```

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

**Defaults** This command has no default setting.

**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 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 setting.

---

**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 buffer