C Commands

This chapter describes the Cisco NX-OS IGMP commands that begin with C.

clear ip igmp event-history

To clear information in the IGMP event history buffers, use the **clear ip igmp event-history** command.

clear ip igmp event-history {**cli** | **debugs** | **errors** | **events** | **ha** | **igmp-internal** | **mtrace** | **policy** | **vrf**}

Syntax Description

cli	Clears the CLI event history buffer.
debugs	Clears the debug event history buffer.
events	Clears the event history buffer.
ha	Clears the high availability (HA) event history buffer.
igmp-internal	Clears the IGMP internal event history buffer.
mtrace	Clears the mtrace event history buffer.
policy	Clears the polilcy event history buffer.
vrf	Clears the virtual routing and forwarding (VRF) event history buffer.

Command Default   None

Command Modes   Any command mode

Command History

Release	Modification
5.2(1)N1(1)	This command was introduced.

Usage Guidelines   This command does not require a license.

Examples   This example shows how to clear information in the IGMP HA event history buffer:

```
switch(config)# clear ip igmp event-history ha
switch(config)#
```

Related Commands

Command	Description
ip igmp event-history	Configures the size of the IGMP event history buffers.

clear ip igmp groups

To clear IGMP-related information in the IPv4 multicast routing table, use the **clear ip igmp groups** command.

clear ip igmp groups {***** | *group* [*source*] | *group-prefix*} [**vrf** {*vrf-name* | **all** | **default** | **management**}]

Syntax Description

*	Specifies all routes.
group	Group address in the format *A.B.C.D*.
source	(Optional) Source (S, G) route.
group-prefix	Group prefix in the format *A.B.C.D/length*.
vrf	(Optional) Clears the virtual routing and forwarding (VRF) instance information.
vrf-name	VRF name. The name can be a maximum of 32 alphanumeric characters and is case sensitive.
all	Specifies that all VRF entries be cleared from the IPv4 multicast routing table.
default	Specifies that the default VRF entry be cleared from the IPv4 multicast routing table.
management	Specifies that the management VRF entry be cleared from the IPv4 multicast routing table.

Command Default   None

Command Modes   Any command mode

Command History

Release	Modification
5.2(1)N1(1)	This command was introduced.

Usage Guidelines   The **clear ip igmp route** command is an alternative form of this command.

This command does not require a license.

Examples   This example shows how to clear all the IGMP-related routes in the IPv4 multicast routing table:

```
switch(config)# clear ip igmp groups *
switch(config)#
```

Related Commands

Command	Description
clear ip igmp route	Clears IGMP-related information in the IPv4 multicast routing table.
show ip mroute	Displays information about the IPv4 multicast routing table.

clear ip igmp interface statistics

To clear the IGMP statistics for an interface, use the **clear ip igmp interface statistics** command.

clear ip igmp interface statistics [**ethernet** *slot*/[*QSFP-module/*]*port* | **loopback** *if_number* | **port-channel** *number*[*.sub_if_number*]]

Syntax Description		
ethernet s*lot*/[*QSFP-module/*]*port*	(Optional) Specifies the Ethernet interface and the slot number and port number. The slot number is from 1 to 255. The *QSFP-module number* is from 1 to 4. The port number is from 1 to 128.	
	Note	The *QSFP-module* number applies only to the QSFP+ Generic Expansion Module (GEM).
loopback *if_number*	(Optional) Specifies the loopback interface. The loopback interface number is from 0 to 1023.	
port-channel *number*	(Optional) Specifies the EtherChannel interface and EtherChannel number. The range is from 1 to 4096.	
sub_if-number	(Optional) Subinterface number. The range is from 1 to 4093.	

Command Default   None

Command Modes   Any command mode

Command History	Release	Modification
	6.0(2)N1(2)	Support for the QSFP+ GEM was added.
	5.2(1)N1(1)	This command was introduced.

Usage Guidelines   This command does not require a license.

Examples   This example shows how to clear IGMP statistics for an interface:

```
switch# clear ip igmp interface statistics ethernet 2/1
switch#
```

Related Commands	Command	Description
	show ip igmp interface	Displays information about IGMP interfaces.

clear ip igmp route

To clear IGMP-related information in the IPv4 multicast routing table, use the **clear ip igmp route** command.

clear ip igmp route {*** | *group* [*source*] | *group-prefix*} [**vrf** {*vrf-name* | **all** | **default** | **management**}]

Syntax Description

*	Specifies all routes.
group	Group address in the format *A.B.C.D*.
source	(Optional) Source (S, G) route.
group-prefix	Group prefix in the format *A.B.C.D/length*.
vrf	(Optional) Clears the virtual routing and forwarding (VRF) instance information.
vrf-name	VRF name. The name can be a maximum of 32 alphanumeric characters and is case sensitive.
all	Specifies that all VRF entries be cleared from the IPv4 multicast routing table.
default	Specifies that the default VRF entry be cleared from the IPv4 multicast routing table.
management	Specifies that the management VRF entry be cleared from the IPv4 multicast routing table.

Command Default

None

Command Modes

Any command mode

Command History

Release	Modification
5.2(1)N1(1)	This command was introduced.

Usage Guidelines

The **clear ipigmp groups** command is an alternative form of this command.

This command does not require a license.

Examples

This example shows how to clear all the IGMP-related routes in the IPv4 multicast routing table:

```
switch(config)# clear ip igmp route *
switch(config)#
```

Related Commands

Command	Description
clear ip igmp groups	Clears IGMP-related information in the IPv4 multicast routing table.
show ip mroute	Displays information about the IPv4 multicast routing table.

■ **clear ip igmp route**