



C Commands

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

clear ip mroute

To clear the multicast routes, use the **clear ip mroute** command.

```
clear ip mroute [* | group | group-prefix] [source-tree | shared-tree | vrf {vrf-name | all}]
```

Syntax Description

*	Clears all multicast routes.
<i>group</i>	Clears the information for routes with specified group address.
<i>group-prefix</i>	Clears the information for routes with specified group prefix.
<i>source-tree</i>	(Optional) Clears all (S, G) routes associated with the group.
<i>shared-tree</i>	(Optional) Clears the (*, G) routes associated with the group.
vrf	Clears information for particular VRF.
<i>vrf-name</i>	(Optional) Specifies the VRF name. The name can be alphanumeric, case sensitive or a maximum of 32 characters.
all	Clears information for all VRFs.

Command Default

None

Command Modes

Privilege Exec mode

Command History

Release	Modification
NX-OS 7.2(3)N1(1)	This command was introduced.

Usage Guidelines

This command does not require a license.

The **clear ip mroute** command is used for debugging purposes. However, this command is not supported for *group-prefix* option, i.e., subnet routes.

The **statistics** keyword is not supported in the **clear ip mroute** command.

Examples

This example shows how to clear all the multicast routes.

```
switch# clear ip mroute *
```

This example shows the status of the multicast routes, before you execute the **clear ip mroute** command.

```

switch# show ip mroute

IP Multicast Routing Table for VRF "default"
(*, 232.0.0.0/8), uptime: 00:00:01, pim ip
Incoming interface: Null, RPF nbr: 0.0.0.0
Outgoing interface list: (count: 0)

(10.1.1.1/32, 232.1.1.1/32), uptime: 0.427116, igmp ip pim
Incoming interface: Ethernet1/29, RPF nbr: 192.168.2.1
Outgoing interface list: (count: 1)
Ethernet1/3, uptime: 0.427044, igmp
This example shows the status of the multicast

```

This example shows the status of the multicast routes after the **clear ip mroute *** command.

```

switch# clear ip mroute *

switch# show ip mroute

IP Multicast Routing Table for VRF "default"
(*, 232.0.0.0/8), uptime: 00:00:01, pim ip
Incoming interface: Null, RPF nbr: 0.0.0.0
Outgoing interface list: (count: 0)

```

Related Commands

Command	Description
show ip mroute	Displays information about IPv4 multicast routes.

■ clear ip mroute