



## C Commands

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This chapter describes the Cisco NX-OS Enhanced Interior Gateway Routing Protocol (EIGRP) commands that begin with *C*.

# clear ip eigrp accounting

To clear the prefix accounting information for the Enhanced Interior Gateway Routing Protocol (EIGRP) processes, use the **clear ip eigrp accounting** command.

**clear ip eigrp accounting** [**vrf** {*vrf-name* | **all** | **default** | **management**}]

## Syntax Description

<b>vrf</b> <i>vrf-name</i>	(Optional) Specifies the name of the virtual routing and forwarding (VRF) instance. The <i>vrf-name</i> argument can be specified as any case-sensitive, alphanumeric string up to 32 characters. The strings “default” and “all” are reserved VRF names.
<b>all</b>	(Optional) Clears the EIGRP accounting information from all VRF instances.
<b>default</b>	(Optional) Clears the EIGRP accounting information from the default VRF.
<b>management</b>	(Optional) Clears the EIGRP accounting information from the management VRF.

## 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 requires the LAN Base Services license.

## Examples

This example shows how to clear the EIGRP accounting information:

```
switch# clear ip eigrp accounting
```

# clear ip eigrp neighbors

To remove and reestablish the Enhanced Interior Gateway Routing Protocol (EIGRP) neighbor entries from the appropriate table, use the **clear ip eigrp neighbors** command.

```
clear ip eigrp neighbors [* | ip-address | ethernet slot[/QSFP-module]/port | loopback if_number
| port-channel number] [soft] [vrf {vrf-name | all | default | management}]
```

Syntax Description	
<b>*</b>	(Optional) Clears all neighbors.
<i>ip-address</i>	(Optional) Address of the neighbor.
<b>ethernet</b> <i>slot</i> [/ <i>QSFP-module</i> ]/ <i>port</i>	(Optional) Clears the Ethernet interface from the neighbor table. The <i>slot</i> number is from 1 to 255. The <i>QSFP-module</i> number is from 1 to 4. The <i>port</i> number is from 1 to 128.  <b>Note</b> The <i>QSFP-module</i> number applies only to the QSFP+ Generic Expansion Module (GEM).
<b>loopback</b> <i>if_number</i>	(Optional) Clears the loopback interface from the neighbor table. The loopback interface number is from 0 to 1023.
<b>port-channel</b> <i>number</i>	(Optional) Clears the EtherChannel interface and EtherChannel number from the neighbor table. The range is from 1 to 4096.
<b>soft</b>	(Optional) Specifies soft reset for the neighbors.
<b>vrf</b> <i>vrf-name</i>	(Optional) Specifies a virtual routing and forwarding (VRF) instance. The VRF name is an alphanumeric string of up to 32 characters.
<b>all</b>	(Optional) Clears the EIGRP neighbor information from all VRF instances.
<b>default</b>	(Optional) Clears the EIGRP neighbor information from the default VRF.
<b>management</b>	(Optional) Clears the EIGRP neighbor information from the management VRF.

**Command Default** When no autonomous system number, interface, or VRF instance is specified, all EIGRP neighbor entries are cleared from the table.

**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 requires the LAN Base Services license.

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**Examples**

This example shows how to clear all EIGRP entries for neighbors on Ethernet interface 2/1:

```
switch# clear ip eigrp vrf * neighbors ethernet 2/1
```

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**Related Commands**

Command	Description
<b>show ip eigrp interfaces</b>	Displays information about interfaces configured for EIGRP.
<b>show ip eigrp neighbors</b>	Displays the neighbors discovered by EIGRP.

# clear ip eigrp redistribution

To clear redistribution information for the Enhanced Interior Gateway Routing Protocol (EIGRP), use the **clear ip eigrp redistribution** command.

**clear ip eigrp redistribution** [**vrf** {*vrf-name* | **all** | **default** | **management**}]

## Syntax Description

<b>vrf</b> <i>vrf-name</i>	(Optional) Specifies a particular virtual routing and forwarding (VRF) instance. The VRF name is a case-sensitive, alphanumeric string of up to 32 characters.
<b>all</b>	(Optional) Clears the redistribution information from all VRF instances.
<b>default</b>	(Optional) Clears the redistribution information from the default VRF.
<b>management</b>	(Optional) Clears the redistribution information from the management VRF.

## 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 requires the LAN Base Services license.

## Examples

This example shows how to clear redistribution information:

```
switch# clear ip eigrp redistribution
```

## Related Commands

Command	Description
<b>feature eigrp</b>	Enables the EIGRP feature.

# clear ip eigrp traffic

To clear the Enhanced Interior Gateway Routing Protocol (EIGRP) traffic statistics, use the **clear ip eigrp traffic** command.

**clear ip eigrp traffic** [**vrf** {*vrf-name* | **all** | **default** | **management**}]

## Syntax Description

<b>vrf</b> <i>vrf-name</i>	(Optional) Specifies the name of the virtual routing and forwarding (VRF) instance. The <i>vrf-name</i> argument can be specified as any case-sensitive, alphanumeric string up to 32 characters.
<b>all</b>	(Optional) Clears the traffic statistics from all VRF instances.
<b>default</b>	(Optional) Clears the traffic statistics from the default VRF.
<b>management</b>	(Optional) Clears the traffic statistics from the management VRF.

## Command Default

This command clears information for the default VRF if no VRF is specified.

## Command Modes

Any command mode

## Command History

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

## Usage Guidelines

This command requires the LAN Base Services license.

## Examples

This example shows how to clear the EIGRP traffic statistics:

```
switch# clear ip eigrp traffic
```