



## C Commands

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

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# 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.

<b>Command Default</b>	None
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<b>Command Modes</b>	Any command mode
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Command History	Release	Modification
	6.0(2)N1(1)	This command was introduced.

<b>Usage Guidelines</b>	This command requires the LAN Base Services license.
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<b>Examples</b>	<p>This example shows how to clear the EIGRP accounting information:</p> <pre>switch# clear ip eigrp accounting</pre>
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# 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/port | loopback if_number | port-channel
number] [soft] [vrf {vrf-name | all | default | management}]
```

Syntax Description		
<i>*</i>	(Optional)	Clears all neighbors.
<i>ip-address</i>	(Optional)	Address of the neighbor.
<b>ethernet</b> <i>slot/port</i>	(Optional)	Clears the Ethernet interface from the neighbor table. The slot number is from 1 to 255, and the port number is from 1 to 128.
<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.

<b>Command Default</b>	When no autonomous system number, interface, or VRF instance is specified, all EIGRP neighbor entries are cleared from the table.
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<b>Command Modes</b>	Any command mode
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<b>Command History</b>	<table border="1"> <thead> <tr> <th>Release</th> <th>Modification</th> </tr> </thead> <tbody> <tr> <td>6.0(2)N1(1)</td> <td>This command was introduced.</td> </tr> </tbody> </table>	Release	Modification	6.0(2)N1(1)	This command was introduced.
Release	Modification				
6.0(2)N1(1)	This command was introduced.				

<b>Usage Guidelines</b>	This command requires the LAN Base Services license.
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<b>Examples</b>	<p>This example shows how to clear all EIGRP entries for neighbors on Ethernet interface 2/1:</p> <pre>switch# <b>clear ip eigrp vrf * neighbors ethernet 2/1</b></pre>
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Related Commands	Command	Description
	show ip eigrp interfaces	Displays information about interfaces configured for EIGRP.
	show ip eigrp neighbors	Displays the neighbors discovered by EIGRP.

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# 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
6.0(2)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.

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# 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
6.0(2)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
```