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C Commands

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

vrf <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.
all	(Optional) Clears the EIGRP accounting information from all VRF instances.
default	(Optional) Clears the EIGRP accounting information from the default VRF.
management	(Optional) Clears the EIGRP accounting information from the management VRF.

Command Default

None

Command Modes

Release	Modification
5.0(3)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
```

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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		
*	(Optional)	Clears all neighbors.
<i>ip-address</i>	(Optional)	Address of the neighbor.
ethernet <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.
loopback <i>if_number</i>	(Optional)	Clears the loopback interface from the neighbor table. The loopback interface number is from 0 to 1023.
port-channel <i>number</i>	(Optional)	Clears the EtherChannel interface and EtherChannel number from the neighbor table. The range is from 1 to 4096.
soft	(Optional)	Specifies soft reset for the neighbors.
vrf <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.
all	(Optional)	Clears the EIGRP neighbor information from all VRF instances.
default	(Optional)	Clears the EIGRP neighbor information from the default VRF.
management	(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.
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Command Modes

Release	Modification
5.0(3)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: <pre>switch# clear ip eigrp vrf * neighbors ethernet 2/1</pre>
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 clear ip eigrp neighbors

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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

vrf <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.
all	(Optional) Clears the redistribution information from all VRF instances.
default	(Optional) Clears the redistribution information from the default VRF.
management	(Optional) Clears the redistribution information from the management VRF.

Command Default

None

Command Modes

Release	Modification
5.0(3)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
feature eigrp	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

vrf <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.
all	(Optional) Clears the traffic statistics from all VRF instances.
default	(Optional) Clears the traffic statistics from the default VRF.
management	(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

Release	Modification
5.0(3)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
```