



## F Commands

---

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

*Review Draft -- Cisco Confidential*

# feature eigrp

To enable the Enhanced Interior Gateway Protocol (EIGRP), use the **feature eigrp** command. To disable EIGRP, use the **no** form of this command.

**feature eigrp**

**no feature eigrp**

|                           |                                            |
|---------------------------|--------------------------------------------|
| <b>Syntax Description</b> | This command has no arguments or keywords. |
|---------------------------|--------------------------------------------|

|                        |          |
|------------------------|----------|
| <b>Command Default</b> | Disabled |
|------------------------|----------|

|                      |                           |
|----------------------|---------------------------|
| <b>Command Modes</b> | Global configuration mode |
|----------------------|---------------------------|

|                        |                |                              |
|------------------------|----------------|------------------------------|
| <b>Command History</b> | <b>Release</b> | <b>Modified</b>              |
|                        | 6.0(2)N1(1)    | This command was introduced. |

|                         |                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Usage Guidelines</b> | <p>You must enable the EIGRP feature before you can configure EIGRP.</p> <p>This command requires the LAN Base Services license.</p> |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------|

|                 |                                                            |
|-----------------|------------------------------------------------------------|
| <b>Examples</b> | <p>This example shows how to enable the EIGRP feature:</p> |
|-----------------|------------------------------------------------------------|

```
switch# configure terminal
switch(config)# feature eigrp
switch(config)#
```

This example shows how to disable the EIGRP feature:

```
switch# configure terminal
switch(config)# no feature eigrp
switch(config)#
```

|                         |                      |                                              |
|-------------------------|----------------------|----------------------------------------------|
| <b>Related Commands</b> | <b>Command</b>       | <b>Description</b>                           |
|                         | <b>router eigrp</b>  | Creates a EIGRP instance.                    |
|                         | <b>show feature</b>  | Displays the features enabled on the switch. |
|                         | <b>show ip eigrp</b> | Displays EIGRP configuration information.    |

*Review Draft -- Cisco Confidential*

## flush-routes (EIGRP)

To flush all EIGRP routes in the unicast RIB when an EIGRP instance restarts, use the **flush-routes** command. To disable this feature, use the **no** form of this command.

**flush-routes**

**no flush-routes**

|                           |                                            |
|---------------------------|--------------------------------------------|
| <b>Syntax Description</b> | This command has no arguments or keywords. |
|---------------------------|--------------------------------------------|

|                        |          |
|------------------------|----------|
| <b>Command Default</b> | Disabled |
|------------------------|----------|

|                      |                           |
|----------------------|---------------------------|
| <b>Command Modes</b> | Router configuration mode |
|----------------------|---------------------------|

| 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. |
|-------------------------|------------------------------------------------------|

|                 |                                                                         |
|-----------------|-------------------------------------------------------------------------|
| <b>Examples</b> | This example shows how to flush routes when an EIGRP instance restarts: |
|-----------------|-------------------------------------------------------------------------|

```
switch(config)# router eigrp Test1  
switch(config-router)# flush-routes  
switch(config-router)#
```

| Related Commands | Command                         | Description                                  |
|------------------|---------------------------------|----------------------------------------------|
|                  | <b>show ip eigrp interfaces</b> | Displays information about EIGRP interfaces. |

***Review Draft -- Cisco Confidential***