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## S Commands

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

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## shutdown (EIGRP)

To shut down an instance of Enhanced Interior Gateway Routing Protocol (EIGRP), use the **shutdown** command. To disable this function, use the **no** form of this command.

**shutdown**

**no shutdown**

<b>Syntax Description</b>	This command has no arguments or keywords.
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<b>Command Default</b>	Enabled
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<b>Command Modes</b>	Address family configuration mode Router configuration mode Router VRF configuration mode
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Command History	Release	Modification
	5.0(3)N1(1)	This command was introduced.

<b>Usage Guidelines</b>	Use the <b>shutdown</b> command to disable an instance of EIGRP without removing the configuration. This command requires the LAN Base Services license.
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<b>Examples</b>	This example shows how to disable eigrp 209:
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```
switch(config)# router eigrp 209
switch(config-router)# shutdown
switch(config-router)#
```

Related Commands	Command	Description
	<b>copy running-config startup-config</b>	Saves the configuration in the startup configuration file.
	<b>show ip eigrp interfaces</b>	Displays information about EIGRP interfaces.

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## stub

To configure a router as a stub using the Enhanced Interior Gateway Routing Protocol (EIGRP), use the **stub** command. To disable the EIGRP stub routing feature, use the **no** form of this command.

**stub** [**direct** | **leak-map** *map-name*] **receive-only** | **redistributed**]

**no stub** [**direct** | **leak-map** *map-name*] **receive-only** | **redistributed**]

Syntax Description	
<b>direct</b>	(Optional) Advertises directly connected routes.
<b>leak-map</b> <i>map-name</i>	(Optional) Allows dynamic prefixes based on the leak map.
<b>receive-only</b>	(Optional) Sets the router as a receive-only neighbor.
<b>redistributed</b>	(Optional) Advertises redistributed routes from other protocols and autonomous systems.

Command Default	Disabled
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Command Modes	Address-family configuration mode Router configuration mode Router VRF configuration mode
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Command History	Release	Modification
	5.0(3)N1(1)	This command was introduced.

Usage Guidelines	<p>Use the <b>stub</b> command to configure a router as a stub where the router directs all IP traffic to a distribution router.</p> <p>The <b>direct</b> keyword permits EIGRP stub routing to advertise connected routes. This option is enabled by default.</p> <p>The <b>receive-only</b> keyword restricts the router from sharing any of its routes with any other router in that EIGRP autonomous system, and the <b>receive-only</b> keyword does not permit any other option to be specified because it prevents any type of route from being sent.</p> <p>The <b>redistributed</b> keyword permits EIGRP stub routing to send other routing protocols and autonomous systems. Without the configuration of this option, EIGRP does not advertise redistributed routes.</p> <p>If you use any of these four keywords (<b>direct</b>, <b>leak-map</b>, <b>receive-only</b>, <b>redistributed</b>) with the <b>stub</b> command, only the route types specified by the particular keyword(s) are advertised.</p> <p>This command requires the LAN Base Services license.</p>
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Examples	This example shows how to configure the router as a receive-only neighbor:
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```
switch(config)# router eigrp 1
switch(config-router)# stub receive-only
```

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```
switch(config-router)#
```

#### Related Commands

Command	Description
<b>copy running-config startup-config</b>	Saves the configuration changes to the startup configuration file.
<b>show ip eigrp</b>	Displays EIGRP information.
<b>show ip eigrp neighbors</b>	Displays EIGRP neighbor information.