



## V Commands

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This chapter describes the Cisco NX-OS Virtual Router Redundancy Protocol (VRRP) commands that begin with V.

# vrrp

To create a Virtual Router Redundancy Protocol (VRRP) group on a particular Ethernet interface and assign a number to the VRRP group and enter VRRP configuration mode, use the **vrrp** command. To remove a VRRP group, use the **no** form of this command.

**vrrp** *number*

**no vrrp** *number*

<b>Syntax Description</b>	<i>number</i>	VRRP group number, which you can configure for a Gigabit Ethernet port, including the main interfaces and subinterfaces. The range is from 1 to 255.
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<b>Command Default</b>	None
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<b>Command Modes</b>	Interface configuration mode
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<b>Command History</b>	<b>Release</b>	<b>Modified</b>
	5.2(1)N1(1)	This command was introduced.

<b>Usage Guidelines</b>	You can configure VRRP only if its state is disabled. Make sure that you configure at least one IP address before you attempt to enable a virtual router.
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**Examples** This example shows how to create a VRRP group:

```
switch# configure terminal
switch(config)# interface ethernet 2/1
switch(config-if)# no switchport
switch(config-if)# vrrp 7
switch(config-if-vrrp)#
```

This example shows how to create a VRRP group and configure an IPv4 address for the group:

```
switch# configure terminal
switch(config)# interface ethernet 2/1
switch(config-if)# no switchport
switch(config-if)# vrrp 7
switch(config-if-vrrp)# address 10.0.0.10
switch(config-if-vrrp)# no shutdown
switch(config-if-vrrp)#
```

<b>Related Commands</b>	<b>Command</b>	<b>Description</b>
	<b>clear vrrp</b>	Clears all the software counters for the specified virtual router.
	<b>feature vrrp</b>	Enables VRRP.

Command	Description
<b>address (VRRP)</b>	Adds a primary or secondary IP address to a virtual router.
<b>show vrrp</b>	Displays VRRP configuration information.

