



H Commands

This chapter describes the Cisco NX-OS Open Shortest Path First (OSPF) commands that begin with H.

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hello-interval (OSPF virtual link)

To specify the interval between hello packets that Cisco NX-OS sends on an Open Shortest Path First (OSPF) virtual link, use the **hello-interval** command. To return to the default setting, use the **no** form of this command.

hello-interval *seconds*

no hello-interval

Syntax Description	<i>seconds</i>	Hello interval (in seconds). The value must be the same for all nodes on a specific virtual link. The range is from 1 to 65535.
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Command Default	10 seconds
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Command Modes	Virtual link configuration mode
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Command History	Release	Modification
	6.0(2)N1(1)	This command was introduced.

Usage Guidelines	Use the hello-interval command in virtual link configuration mode to set the hello interval for OSPF across a virtual link. A shorter hello interval detects topological changes faster but causes more routing traffic. The hello interval must be the same for all devices on a virtual link.
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This command requires the LAN Base Services license.

Examples	This example shows how to configure the hello interval to 15 seconds:
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```
switch(config)# router ospf 202
switch(config-router)# area 99 virtual-link 192.0.2.4
switch(config-router-vlink)# hello-interval 15
switch(config-router-vlink)#
```

Related Commands	Command	Description
	copy running-config startup-config	Saves the configuration changes to the startup configuration file.
	dead-interval (virtual link)	Sets the time period to declare a neighbor as down if the local device receives no hello packets.
	show ip ospf virtual-link	Displays OSPF virtual link information.