H Commands

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

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

seconds	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.

Command Default

10 seconds

Command Modes

Virtual link configuration mode

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.

This command requires the LAN Base Services license.

Examples

This example shows how to configure the hello interval to 15 seconds:

```
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.