



H Commands

This chapter describes the Cisco NX-OS FabricPath commands that begin with H.

hop

To configure the hop limit for fabricpath OAM service packets in the Transparent Interconnection of Lots of Links (TRILL) protocol header, use the **hop** command in fabricpath OAM profile configuration mode. To revert the hop limit to the default value, use the **no** form of the command.

hop *val*

no hop

Syntax Description

<i>val</i>	Hop limit. The range is from 1 to 255. Default is 64.
------------	---

Command Default

The hop limit for fabricpath OAM service packtes is 64 hops.

Command Modes

Fabricpath oam profile (config-fp-oam-profile)

Command History

Release	Modification
7.0(0)N1(1)	This command was introduced.

Usage Guidelines

Use the hop count specified in the FabricPath OAM packet header to determine the hop limit to address issues caused by infinite loops.

Examples

This example shows how to configure a FabricPath OAM service packet hop limit of 25:

```
switch# configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
switch(config)# fabricpath oam profile 100
switch(config-fp-oam-profile)# hop 25
```

Related Commands

Command	Description

hostname dynamic (FabricPath)

To configure a dynamic hostname exchange for Intermediate-System-to-Intermediate System (IS-IS), use the **hostname dynamic** command. To return to the default setting, use the **no** form of this command.

hostname dynamic

no hostname dynamic

Syntax Description	This command has no arguments or keywords.
---------------------------	--

Command Default	ON
------------------------	----

Command Modes	FabricPath IS-IS configuration mode
----------------------	-------------------------------------

Command History	Release	Modification
	5.2(1)N1(1)	This command was introduced.

Usage Guidelines	This command requires an Enhanced Layer 2 license.
-------------------------	--

Examples	This example shows how to configure a dynamic hostname exchange for IS-IS:
-----------------	--

```
switch# configure terminal  
Enter configuration commands, one per line. End with CNTL/Z.  
switch(config)# fabricpath domain default  
switch(config-fabricpath-isis)# hostname dynamic  
switch(config-fabricpath-isis)#
```

Related Commands	Command	Description
	show hostname	Displays the system's hostname.

