



R Commands

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

reference-bandwidth (FabricPath)

To change the reference bandwidth used for setting an interface, use the **reference bandwidth** command. To return to the default setting, use the **no** form of this command.

reference-bandwidth *bandwidth* {Mbps | Gbps}

no reference-bandwidth *bandwidth* {Mbps | Gbps}

Syntax Description

<i>bandwidth</i>	Specifies the bandwidth in Mbps and Gbps. The range is from 1 to 400000 in Mbps and from 1 to 400 in Gbps.
Mbps	Specifies the bandwidth in Mbps.
Gbps	Specifies the bandwidth in Gbps.

Command Default

The defaults are as follows:

- Gbps: 400
- Mbps: 400000

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 change the reference bandwidth for a Gbps interface:

```
switch# configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
switch(config)# fabricpath domain default
switch(config-fabricpath-isis)# topology 1
switch(config-fabricpath-isis-topo)# reference-bandwidth 500 Gbps
switch(config-fabricpath-isis-topo)#
```

Related Commands

Command	Description
show fabricpath isis	Displays FabricPath Layer 2 IS-IS.

reply mode out-of-band

To configure fabricpath OAM out-of-band service reply mode, use the **reply mode out-of-band** command in fabricpath OAM profile configuration mode. To remove the out-of-band service reply mode, use the **no** form of this command.

reply mode out-of-band {ipv4 | ipv6} *ip-address* *port-number*

no reply mode out-of-band

Syntax Description

ipv4	Specifies the IPv4 address.
ipv6	Specifies the IPv6 address.
<i>ip-address</i>	An IPv4 or IPv6 address.
<i>port-number</i>	Port number. The range is from 0 to 65,535.

Command Default

The out-of-band reply mode is not configured.

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 **reply mode out-of-band** command to configure reply mode information.

Examples

This example shows how to enter reply mode information:

```
switch(#) configure terminal
switch(config)# fabricpath oam profile 100
switch(config-fp-oam-profile)# reply mode out-of-band 10.1.1.7 500
```

Related Commands

Command	Description

root-priority (FabricPath)

To set the priority for which node becomes the root, use the **root-priority** command. To return to the default setting, use the **no** form of this command.

- **root-priority** *value*
- **no root-priority** *value*

Syntax Description	<i>value</i>	Root priority value per topology. The range is from 1 to 255. The default is 64.
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Command Default	The default value is 64.
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Command Modes	FabricPath IS-IS configuration mode
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Command History	Release	Modification
	5.2(1)N1(1)	This command was introduced.

Usage Guidelines	The highest numerical value for the priority is likely to become root. This command requires an Enhanced Layer 2 license.
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Examples	This example shows how to set the priority for which node becomes the root: switch# configure terminal Enter configuration commands, one per line. End with CNTL/Z. switch(config)# fabricpath domain default switch(config-fabricpath-isis)# topology 1 switch(config-fabricpath-isis-topo)# root-priority 1 switch(config-fabricpath-isis-topo)#
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Related Commands	Command	Description
	show fabricpath isis	Displays FabricPath IS-IS information.