



I Commands

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

install feature-set fabricpath

To install the FabricPath feature set on the switch, use the **install feature-set fabricpath** command. To remove the FabricPath feature set, use the **no** form of this command.

install feature-set fabricpath

no install feature-set fabricpath

Syntax Description This command has no arguments or keywords.

Command Default Disabled

Command Modes Global configuration (config)

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

Usage Guidelines



Note

The FabricPath feature is supported only on the Cisco Nexus 5500 Series switches.

This command requires an Enhanced Layer 2 license.

Examples This example shows how to install the FabricPath features on the switch:

```
switch# configure terminal
switch(config)# install feature-set fabricpath
switch(config)#
```

Related Commands	Command	Description
	feature fabric-binding	Enables or disables fabric binding on the switch.
	feature-set fabricpath	Enables the FabricPath feature set on the switch.
	show running-config	Displays the running system configuration information.

interface

To configure fabricpath Operation, Administration, and Maintenance (OAM) egress interface, use the **interface** command in fabricpath OAM profile configuration mode. To remove the egress interface, use the **no** form of this command.

interface ethernet *slot-number/port-number* [*-slot-number/port-number*]

no interface

Syntax Description

ethernet	Specifies that the egress interface is an Ethernet interface.
<i>slot-number/port-number</i>	Interface ID or interface range.
<i>er</i>	

Command Default

A FabricPath OAM egress interface 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

You can configure multiple egress interfaces to create an interface list in the fabric OAM profile. You can also enter a range of interface addresses of the same interface type. You can configure Ethernet or PortChannel interfaces.

Examples

This example shows how to configure an egress ethernet interface:

```
switch# configure terminal
switch(config)# fabricpath oam profile 100
switch(config-fp-oam-profile)# interface ethernet 1/1
```

ip

To configures a Layer 3 flow destination or source IPv4 address, use the **ip** command in fabricpath OAM profile flow configuration mode. To remove the IPv4 flow address, use the **no** form of this command.

```
ip { destination | source } ip-address

no ip { destination | source }
```

Syntax Description

destination	Specifies the fabricpath OAM profile flow destination address.
source	Specifies the fabricpath OAM profile flow source address.
<i>ip-address</i>	IPv4 address.

Command Default

The IPv4 flow address is not configured.

Command Modes

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

Command History

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

Examples

This example shows how to configure the fabricpath flow IPv4 destination address:

```
switch# configure terminal
switch(config)# fabricpath oam profile 100
switch(config-fp-oam-profile)# flow forward
switch(config-fp-oam-profile-flow)# ip destination 172.31.10.10
```

ipv6

To configure a Layer 3 flow destination or source IPv6 address, use the **ipv6** command in fabricpath OAM profile flow configuration mode. To remove the IPv6 flow address, use the **no** form of this command.

```
ipv6 {destination | source} ip-address
```

```
no ipv6 {destination | source}
```

Syntax Description

destination	Specifies the fabricpath OAM profile flow destination address.
source	Specifies the fabricpath OAM profile flow source address.
<i>ip address</i>	IPv6 address.

Command Default

The IPv6 flow address is not configured.

Command Modes

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

Command History

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

Examples

This example shows how to configure the fabricpath flow IPv6 destination address.

```
switch# configure terminal  
switch(config)# fabricpath oam profile 100  
switch(config-fp-oam-profile)# flow forward  
switch(config-fp-oam-profile-flow)# ipv6 destination 2001:DB8:1::1
```

