

*Send comments to [nexus5k-docfeedback@cisco.com](mailto:nexus5k-docfeedback@cisco.com)*



## A Commands

---

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

*Send comments to [nexus5k-docfeedback@cisco.com](mailto:nexus5k-docfeedback@cisco.com)*

## authentication-check (FabricPath)

To enable an authentication check on received protocol data units (PDUs), use the **authentication-check** command. To return to the default setting, use the **no** form of this command.

**authentication-check**

**no authentication-check**

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

**Command Default** Enabled

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

Command History	Release	Modification
	5.1(3)N1(1)	This command was introduced.

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

**Examples** This example shows how to enable an authentication check on received PDUs:

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

Related Commands	Command	Description
	<b>show fabricpath isis</b>	Displays FabricPath IS-IS information.

***Send comments to nexus5k-docfeedback@cisco.com***

## authentication key-chain (FabricPath)

To configure an authentication keychain between FabricPath devices, use the **authentication key-chain** command. To return to the default setting, use the **no** form of this command.

**authentication key-chain** *auth-key-chain-name*

**no authentication key-chain** *auth-key-chain-name*

Syntax Description	<i>keychain-name</i>	Authentication keychain. The maximum size is 63 alphanumeric characters.
--------------------	----------------------	--

Defaults	None
----------	------

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

Command History	Release	Modification
	5.1(3)N1(1)	This command was introduced.

Usage Guidelines	Use the <b>authentication key-chain</b> command to assign a password in the authentication of a hello protocol data unit. Only one authentication key-chain is applied to an IS-IS interface at one time. If you configure a second <b>authentication</b> command, the first is overridden. You can specify authentication for an entire instance of IS-IS instead of at the interface level by using the <b>authentication</b> command.
------------------	--

See the *Cisco Nexus 5000 Series NX-OS Security Configuration Guide* for information about keychains.

This command requires an Enhanced Layer 2 license.

Examples	This example shows how to configure an authentication keychain string for edge device authentication:
----------	---

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

Related Commands	Command	Description
	<b>show fabricpath isis</b>	Displays FabricPath IS-IS information.

[Send comments to nexus5k-docfeedback@cisco.com](mailto:nexus5k-docfeedback@cisco.com)

## authentication-type (FabricPath)

To configure an authentication type, use the **authentication-type** command. To return to the default setting, use the **no** form of this command.

**authentication-type** { **cleartext** | **md5** }

**no authentication-type** { **cleartext** | **md5** }

### Syntax Description

<b>cleartext</b>	Specifies the cleartext authentication method.
<b>md5</b>	Specifies the Message Digest (MD5) authentication.

### Command Default

Enabled

### Command Modes

FabricPath IS-IS configuration mode

### Command History

Release	Modification
5.1(3)N1(1)	This command was introduced.

### Usage Guidelines

Use the **authentication-type** command to configure the authentication type for hello protocol data units (PDUs) on an interface.

This command requires an Enhanced Layer 2 license.

### Examples

This example shows how to specify cleartext authentication:

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

This example shows how to specify Message Digest (MD5) authentication:

```
switch# configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
switch(config)# fabricpath domain default
switch(config-fabricpath-isis)# authentication-type md5
switch(config-fabricpath-isis)#
```

### Related Commands

Command	Description
<b>show fabricpath isis</b>	Displays FabricPath IS-IS information.