



A Commands

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

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.
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Command Default	Enabled
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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	This command requires an Enhanced Layer 2 license.
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Examples	This example shows how to enable an authentication check on received PDUs:
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```
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
	show fabricpath isis	Displays FabricPath IS-IS information.

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.
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Defaults	None
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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

Use the **authentication key-chain** 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 **authentication** 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 **authentication** command.

See the *Cisco Nexus NX-OS Security Configuration Guide* for your platform 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
	show fabricpath isis	Displays FabricPath IS-IS information.

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	cleartext	Specifies the cleartext authentication method.
	md5	Specifies the Message Digest (MD5) authentication.
Command Default	Enabled	
Command Modes	FabricPath IS-IS configuration mode	
Command History	Release	Modification
	5.2(1)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:	
	<pre>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)#</pre>	
	This example shows how to specify Message Digest (MD5) authentication:	
	<pre>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)#</pre>	
Related Commands	Command	Description
	show fabricpath isis	Displays FabricPath IS-IS information.