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K Commands

This chapter describes the Cisco NX-OS Multiprotocol Label Switching commands that begin with K.

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key

To configure an authentication key on a keychain, use the **key** command. To return to the default setting, use the **no** form of this command.

key *key-id*

no key *key-id*

Syntax Description	<i>key-id</i>	Key ID. The range is from 0 to 65535.
Defaults	None	
Command Modes	Keychain key configuration mode	
Supported User Roles	network-admin vdc-admin	
Command History	Release	Modification
	5.2(1)	This command was introduced.
Usage Guidelines	This command requires the MPLS Services license.	
Examples	This example shows how to configure an authentication key on a keychain:	
	<pre>switch# configure terminal switch(config)# key chain keychain1 switch(config-keychain)# key 10 switch(config-keychain-key)#</pre>	
Related Commands	Command	Description
	mpls ldp configuration	Configures the Multiprotocol Label Switching (MPLS) Label Distribution Protocol (LDP).

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key chain

To configure a group of authentication keys, use the **key chain** command. To return to the default setting, use the **no** form of this command.

key chain *keychain-name*

no key chain *keychain-name*

Syntax Description	<i>keychain-name</i>	Key chain name. The maximum size is alphanumeric 32 characters.
Defaults	None	
Command Modes	Keychain configuration mode	
Supported User Roles	network-admin vdc-admin	
Command History	Release	Modification
	5.2(1)	This command was introduced.
Usage Guidelines	This command requires the MPLS Services license.	
Examples	This example shows how to configure a group of authentication keys: <pre>switch# configure terminal switch(config)# key chain keychain1 switch(config-keychain)# key 10 switch(config-keychain-key)#</pre>	
Related Commands	Command	Description
	mpls ldp configuration	Configures the Multiprotocol Label Switching (MPLS) Label Distribution Protocol (LDP).

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key-string

To configure an authentication string for a key, use the **key-string** command. To return to the default setting, use the **no** form of this command.

key-string *key*

no key-string *key*

Syntax Description	<i>key</i>	Authentication string for a key. The key can be from 1 to 80 uppercase or lowercase alphanumeric characters. The first character cannot be a numeral.
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Defaults	None
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Command Modes	Keychain key configuration mode
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SupportedUserRoles	network-admin vdc-admin
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Command History	Release	Modification
	5.2(1)	This command was introduced.

Usage Guidelines	This command requires the MPLS Services license.
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Examples This example shows how to configure an authentication string for a key:

```
switch# configure terminal
switch(config)# key chain keychain1
switch(config-keychain)# key 10
switch(config-keychain-key)# key-string pwd1
```

Related Commands	Command	Description
	mpls ldp configuration	Configures the Multiprotocol Label Switching (MPLS) Label Distribution Protocol (LDP).