



## E Commands

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This chapter describes the Cisco NX-OS security commands that begin with E.

# enable

To enable a user to move to a higher privilege level after being prompted for a secret password, use the **enable** command.

**enable** *level*

<b>Syntax Description</b>	<i>level</i>	Privilege level to which the user must log in. The only available level is 15.
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<b>Command Default</b>	Privilege level 15
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<b>Command Modes</b>	EXEC configuration mode
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<b>Command History</b>	<b>Release</b>	<b>Modification</b>
	6.0(2)N1(1)	This command was introduced.

<b>Usage Guidelines</b>	To use this command, you must enable the cumulative privilege of roles for command authorization on TACACS+ servers using the <b>feature privilege</b> command.
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<b>Examples</b>	This example shows how to enable the user to move to a higher privilege level after being prompted for a secret password:
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```
switch# enable 15
switch#
```

<b>Related Commands</b>	<b>Command</b>	<b>Description</b>
	<b>enable secret</b>	Enables a secret password for a specific privilege level.
	<b>feature privilege</b>	Enables the cumulative privilege of roles for command authorization on TACACS+ servers.
	<b>show privilege</b>	Displays the current privilege level, username, and status of cumulative privilege support.
	<b>username</b>	Enables a user to use privilege levels for authorization.

# enable secret

To enable a secret password for a specific privilege level, use the **enable secret** command. To disable the password, use the **no** form of this command.

```
enable secret [0 | 5] password [all | priv-lvl priv-lvl]
```

```
no enable secret [0 | 5] password [all | priv-lvl priv-lvl]
```

Syntax Description		
<b>0</b>	(Optional)	Specifies that the password is in clear text.
<b>5</b>	(Optional)	Specifies that the password is in encrypted format.
<i>password</i>		Password for user privilege escalation. It contains up to 64 alphanumeric, case-sensitive characters.
<b>all</b>	(Optional)	Adds or removes all privilege level secrets.
<b>priv-lvl</b> <i>priv-lvl</i>	(Optional)	Specifies the privilege level to which the secret belongs. The range is from 1 to 15.

**Command Default** Disabled

**Command Modes** Global configuration mode

Command History	Release	Modification
	6.0(2)N1(1)	This command was introduced.

**Usage Guidelines** To use this command, you must enable the cumulative privilege of roles for command authorization on TACACS+ servers using the **feature privilege** command.

**Examples** This example shows how to enable a secret password for a specific privilege level:

```
switch# configure terminal
switch(config)# feature privilege
switch(config)# enable secret 5 def456 priv-lvl 15
switch(config)# username user2 priv-lvl 15
switch(config)#
```

Related Commands	Command	Description
	<b>enable</b>	Enables the user to move to a higher privilege level after being prompted for a secret password.
	<b>feature privilege</b>	Enables the cumulative privilege of roles for command authorization on TACACS+ servers.

<b>Command</b>	<b>Description</b>
<b>show privilege</b>	Displays the current privilege level, username, and status of cumulative privilege support.
<b>username</b>	Enables a user to use privilege levels for authorization.

# eq

To specify a single port as a group member in an IP port object group, use the **eq** command. To remove a single port group member from the port object group, use the **no** form of this command.

```
[sequence-number] eq port-number
```

```
no {sequence-number | eq port-number}
```

Syntax Description	
<i>sequence-number</i>	(Optional) Sequence number for this group member. Sequence numbers maintain the order of group members within an object group. Valid sequence numbers are from 1 to 4294967295. If you do not specify a sequence number, the device assigns a number that is 10 greater than the largest sequence number in the current object group.
<i>port-number</i>	Port number that this group member matches. Valid port numbers are from 0 to 65535.

Defaults	
None	

Command Modes	
IP port object group configuration	

Command History	Release	Modification
	7.3(0)N1(1)	This command was introduced.

Usage Guidelines	
IP port object groups are not directional. Whether an <b>eq</b> command matches a source or destination port or whether it applies to inbound or outbound traffic depends upon how you use the object group in an ACL.	

This command does not require a license.

Examples	
This example shows how to configure an IP port object group named port-group-05 with a group member that matches traffic sent to or from port 443:	

```
switch# config t
switch(config)# object-group ip port port-group-05
switch(config-port-ogroup)# eq 443
```

Related Commands	Command	Description
	<b>gt</b>	Specifies a greater-than group member in an IP port object group.
	<b>lt</b>	Specifies a less-than group member in an IP port object group.
	<b>neq</b>	Specifies a not-equal-to group member in an IP port object group.

<b>Command</b>	<b>Description</b>
<b>object-group ip port</b>	Configures an IP port object group.
<b>range</b>	Specifies a port-range group member in an IP port object group.
<b>show object-group</b>	Displays object groups.