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D Commands

This chapter describes the Cisco NX-OS virtual port channel (vPC) commands that begin with D.

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delay restore

To delay the virtual port channel (vPC) from coming up on the restored vPC peer device after a reload when the peer adjacency is already established, use the **delay restore** command. To revert to the default delay value, use the **no** form of this command.

```
delay restore {time | interface-vlan time}
```

```
no delay restore [interface-vlan]
```

Syntax Description	<i>time</i>	Number of seconds to delay bringing up the restored vPC peer device. The range is from 1 to 3600.
	interface-vlan	Specifies the delay in bringing up the interface VLAN.

Command Default	30 seconds
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Command Modes	vPC domain configuration mode
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Command History	Release	Modification
	5.0(3)N1(1)	This command was introduced.
	5.1(3)N1(1)	The interface-vlan keyword was added.

Usage Guidelines	Use the delay restore command to avoid upstream traffic from the access device to the core from being dropped when you restore the vPC peer devices. This command does not require a license.
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Examples	This example shows how to configure the delay reload time for a vPC link:
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```
switch(config)# vpc domain 1
switch(config-vpc-domain)# delay restore 10
switch(config-vpc-domain)#
```

This example shows how to configure the delay reload time for an interface VLAN:

```
switch(config)# vpc domain 1
switch(config-vpc-domain)# delay restore interface-vlan 100
switch(config-vpc-domain)#
```

Related Commands	Command	Description
	show vpc	Displays the vPC configuration information.

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description (port profile)

To enter a summary of the purpose of a port profile, use the **description** command. To remove the summary description for the port profile, use the **no** form of this command.

description *text*

no description

Syntax Description	<i>text</i>	Summary of the purpose of the port profile. The summary text can be a maximum of 80 characters and can include spaces.
Command Default	None	
Command Modes	Port profile configuration mode	
Command History	Release	Modification
	5.0(2)N1(1)	This command was introduced.
Examples	<p>This example shows how to enter a description for a port profile named ppEth to identify the purpose of the port profile:</p> <pre>switch# configure terminal switch(config)# port-profile ppEth switch(config-port-prof)# description Port profile to configure batch commands for Ethernet interfaces switch(config-port-prof)#</pre>	
Related Commands	Command	Description
	copy running-config startup-config	Copies the running configuration to the startup configuration.
	show port-profile	Displays information about a port profile.
	show port-profile brief	Displays brief information about the port profile.
	show port-profile name	Displays information about a specific port profile.
	show running-config port-profile	Displays the running configuration for the port profile.

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dual-active exclude interface-vlan

To ensure that certain VLAN interfaces are not shut down on the virtual port-channel (vPC) secondary peer device when the vPC peer link fails for those VLANs carried on the vPC peer link but not on the vPC configuration itself, use the **dual-active exclude interface-vlan** command. To return to the default value, use the **no** form of this command.

```
dual-active exclude interface-vlan {range}
```

```
no dual-active exclude interface-vlan {range}
```

Syntax Description	<i>range</i>	Range of VLAN interfaces that you want to exclude from shutting down. The range is from 1 to 4094.
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Command Default	None
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Command Modes	vPC domain configuration mode
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Command History	Release	Modification
	5.0(3)N1(1)	This command was introduced.

Usage Guidelines	The VLAN interfaces must have already been configured. This command does not require a license.
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Examples	This example shows how to configure the device to keep the VLAN interfaces up on the vPC peer devices if the peer link fails:
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```
switch# configure terminal
switch(config)# vpc domain 5
switch(config-vpc-domain)# dual-active exclude interface-vlan 10
switch(config-vpc-domain)#
```

Related Commands	Command	Description
	copy running-config startup-config	Copies the running configuration to the startup configuration.
	show vpc	Displays vPC configuration information.