G Commands

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

graceful-restart

To configure the graceful restart timer, use the **graceful-restart** command. To return to the default setting, use the **no** form of this command.

> **graceful-restart** [**timers** {**forwarding-holding** *seconds* | **max-recovery** *seconds* | **neighbor-liveness** *seconds*}]

> **no graceful-restart** [**timers** {**forwarding-holding** *seconds* | **max-recovery** *seconds* | **neighbor-liveness** *seconds*}]

Syntax Description		
	timers	(Optional) Specifies VPN routing.
	forwarding-holding *seconds*	Specifies the forwarding state holding time. The range is from 30 to 600 seconds.
	max-recovery *seconds*	Specifies the maximum recovery time. The range is from 15 to 600 seconds.
	neighbor-liveness *seconds*	Specifies the neighbor lifetime. The range is from 5 to 300 seconds.

Defaults Enable

Command Modes LDP configuration mode

SupportedUserRoles network-admin
vdc-admin

Command History	Release	Modification
	5.2(1)	This command was introduced.

Usage Guidelines You must configure the MPLS VPN and VRFs before creating VRF-aware static labels.

This command requires the MPLS Services license.

Examples This example shows how to configure the graceful restart timer:

```
switch(config-ldp)# configure terminal
switch(config)# mpls ldp configuration
switch(config-ldp)# graceful-restart timers forwarding-holding 30
switch(config-ldp)#
```

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