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D Commands

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

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destination

To configure the destination for the tunnel-te interface, use the **destination** command. To restore the system to its default condition, use the **no** form of this command.

destination *ip-address*

no destination

Syntax Description	<i>ip-address</i>	IP address is in dotted decimal notation.
Defaults	None	
Command Modes	TE interface 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 the destination for the tunnel: <pre>switch# configure terminal switch(config)# interface tunnel-te 1 switch(config-if-te)# destination 10.1.1.4 switch(config-if-te)#</pre>	
Related Commands	Command	Description
	interface tunnel-te	Configures the traffic engineering (TE) interface.

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discovery hello

To configure the hold time or interval for directly connected neighbors, use the **discovery hello** command. To return to the default setting, use the **no** form of this command.

discovery hello { **holdtime** *seconds* | **interval** *seconds* }

no discovery hello { **holdtime** | **interval** }

Syntax Description

holdtime	Specifies the period of time that a discovered LDP neighbor is remembered without receipt of an LDP hello message from the neighbor.
interval	Specifies the interval in seconds between the sending of consecutive hello messages.
<i>seconds</i>	Hold time in Seconds. The range is from 1 to 65535 seconds.

Defaults

Default holdtime is 15 seconds, interval is 5 seconds

Command Modes

LDP configuration mode

Supported User Roles

network-admin
vdc-admin

Command History

Release	Modification
5.2(1)	This command was introduced.

Usage Guidelines

When you disable the Multiprotocol Label Switching Label Distribution Protocol (LDP) on the device, no LDP commands are available.

This command requires the MPLS Services license.

Examples

This example shows how to configure the LDP discovery hello holdtime:

```
switch(config)# mpls ldp configuration
switch(config-ldp)# discovery hello holdtime 10
switch(config-ldp)#
```

This example shows how to configure the LDP discovery hello interval:

```
switch(config)# mpls ldp configuration
switch(config-ldp)# discovery hello interval 10
switch(config-ldp)#
```

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Related Commands

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

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discovery targeted-hello

To configure the router to respond to requests for targeted-hello messages from all neighbors or from neighbors specified by the optional prefix list or configure the hold time or interval for neighbors that are not directly connected, use the **discovery targeted-hello** command. To return to the default setting, use the **no** form of this command.

discovery targeted-hello {**accept** [**from** *prefix-list*] | **holdtime** *seconds* | **interval** *seconds*}

no discovery targeted-hello {**accept** [**from** *prefix-list*] | **holdtime** *seconds* | **interval** *seconds*}

Syntax Description		
accept		Specifies to accept targeted hellos.
from		(Optional) Specifies the prefix list from which you can specify acceptable targeted hello sources
<i>prefix-list</i>		(Optional) Name of the prefix list.
holdtime		Specifies the period of time that a discovered Label Distribution Protocol (LDP) neighbor is remembered without receipt of an LDP hello message from the neighbor
interval		Specifies the period of time between the sending of consecutive hello messages.
<i>seconds</i>		Hold time in seconds. The range is from 1 to 65535.

Defaults

Default value for holdtime is 90 seconds.
Default value for interval is 10 seconds.

Command Modes LDP configuration mode

SupportedUserRoles 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 the LDP discovery targeted hello holdtime:

```
switch(config)# mpls ldp configuration
switch(config-ldp)# discovery targeted-hello holdtime 1
switch(config-ldp)#
```

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This example shows how to configure the LDP discovery targeted hello interval:

```
switch(config)# mpls ldp configuration
switch(config-ldp)# discovery targeted-hello interval 1
switch(config-ldp)#
```

Related Commands

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