

Configuring LLDP-MED (CLI Procedure)

Link Layer Discovery Protocol–Media Endpoint Discovery (LLDP-MED) is an extension of LLDP. The EX Series switch uses LLDP-MED to support device discovery of VoIP telephones and to create location databases for these telephone locations.

LLDP-MED is turned on by default on EX Series switches.

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Enabling LLDP-MED on Interfaces

LLDP-MED is enabled on all interfaces by default. If it is disabled, you can enable LLDP-MED by configuring it on all interfaces or on specific interfaces.

To configure LLDP-MED on all interfaces or on a specific interface:

```
[edit protocols lldp-med]
user@switch# set interface ge-0/0/2.0
```

Configuring Location Information Advertised by the Switch

You can configure the location information that is advertised from the switch to the LLDP-MED device. You can specify a civic-based location (geographic location) or a location based on an elin (emergency location identification string):

- To specify a location by geography:

```
[edit protocols lldp-med]

user@switch# set interface ge-0/0/2.0 location civic-based country-code
US

user@switch# set interface ge-0/0/2.0 location civic-based ca-type 1
ca-value "El Dorado County"

user@switch# set interface ge-0/0/2.0 location civic-based ca-type 2
ca-value CA

user@switch# set interface ge-0/0/2.0 location civic-based ca-type 3
ca-value Somerset

user@switch# set interface ge-0/0/2.0 location civic-based ca-type 6
ca-value "Mount Aukum Road"

user@switch# set interface ge-0/0/2.0 location civic-based ca-type 19
ca-value 6450
```

```
user@switch# set interface ge-0/0/2.0 location civic-based ca-type 21  
ca-value "Holiday Market"
```

- To specify a location using an elin string:

```
[edit protocols lldp-med]
```

```
user@switch# set interface ge-0/0/2.0 location elin 4085551212
```

Configuring for Fast Start

You can specify the number of LLDP-MED advertisements sent from the switch in the first second after it has detected an LLDP-MED device. The default is 3; to set it to another value:

```
[edit protocols lldp-med]  
user@switch# set fast-start 6
```

Related Topics

- Configuring LLDP (J-Web Procedure)
- Example: Setting Up VoIP with 802.1X and LLDP-MED on an EX Series Switch
- Configuring LLDP (CLI Procedure)
- Understanding 802.1X and LLDP and LLDP-MED on EX Series Switches

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