

## Configuring LLDP (CLI Procedure)

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EX Series switches use Link Layer Discovery Protocol (LLDP) and Link Layer Discovery Protocol–Media Endpoint Discovery (LLDP-MED) to learn and distribute device information on network links. The information allows the switch to quickly identify a variety of devices, resulting in a LAN that interoperates smoothly and efficiently.

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### Enabling LLDP on Interfaces

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

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

```
[edit protocols lldp]  
user@switch# set interface all
```

### 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-capable device. The default is 3; to set it to another value:

```
[edit protocols lldp]  
user@switch# set fast-start 8
```

### Adjusting LLDP Advertisement Settings

You can adjust the following settings for LLDP advertisements for Troubleshooting or Verification Purposes. For normal operations, we recommend that you do not adjust these settings from the default values.

- Advertisement interval in seconds to specify the frequency at which LLDP advertisements are sent:

```
[edit protocols lldp]  
user@switch# set advertisement-interval 45
```

- Specify the multiplier used in combination with the `advertisement-interval` value to determine the length of time LLDP information is held before it is discarded:

```
[edit protocols lldp]  
user@switch# set hold-multiplier 5
```

- Related Topics**
- Configuring LLDP-MED (CLI Procedure)
  - Configuring LLDP (J-Web Procedure)
  - Understanding 802.1X and LLDP and LLDP-MED on EX Series Switches

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