Link-Flap is enabled on all ports by default. The following commands provide the ability to enable/disable or control the Link-Flap function.

Connect to the Advanced Features unit. A connection to the unit may be established using two options:

> Directly connected to the Console Interface to COM Port using Putty/Serial connection.

> Connected via the IP Management Interface using Putty/SSH connection.

1. Press the Return key.

2. Enter enable.

3. Enter configure terminal.

Errdisable Detect
Use these following command to disable the port link error status detection function.

```
Switch(config)# no errdisable detect reason link-flap
```

Use the no form of the command to restore to the default, enabled.

```
Switch(config)# errdisable detect reason link-flap
```

Errdisable Recovery Interval
Use this command to set the recovery time of a port from the error state. The range is 30-86,400 seconds.

```
Switch(config)# errdisable recover interval XX
```

Use this command to set the recovery time of a port from the error state to the default value, 300 seconds.

```
Switch(config)# no errdisable recover interval
```

Errdisable Recovery Reason
Use this command to enable the error recovery function for a specified reason.

```
Switch(config)# errdisable recover reason link-flap
```

Use this command to disable the error recovery function for a specified reason.

```
Switch(config)# no errdisable recover interval
```

Errdisable Flap

There are two parameters used in link flap error detection, one is the flap count and the other is the flap time. If the flap count is reached within the flap time specified, the port will enter the errdisable state.

Use this command to set the link flap oscillation parameters.
XX = The maximum link flaps before setting the port to errdisable. Range, 1 – 100. Default=10.
YY = The maximum flap time before setting the port to errdisable. Range, 1 – 120. Default=10.

```
Switch(config)# errdisable flap reason link-flap xx yy
```

Use this command to restore the link flap oscillation parameters to the default values, 10,10.

```
Switch(config)# no errdisable flap reason link-flap
```

Show Errdisable Detect

Use this command to display the error detection status.

```
Switch# show errdisable detect
```

Show Errdisable Recovery

Use this command to display the error recovery status.

```
Switch# show errdisable recovery
```

Show Errdisable Flap

Use this command to display the link oscillation error detection parameters.

```
Switch# show errdisable flap
```