

AF1G52AC

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

Errdisable Detect

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

```
Switch> enable
Switch# configure terminal
Switch(config)# no errdisable detect reason link-flap
```

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

```
Switch> enable
Switch# configure terminal
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> enable
Switch# configure terminal
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> enable
Switch# configure terminal
Switch(config)# no errdisable recover interval
```

Errdisable Recovery Reason

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

```
Switch> enable
Switch# configure terminal
Switch(config)# errdisable recover reason link-flap
```

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

```
Switch> enable
Switch# configure terminal
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> enable
Switch# configure terminal
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> enable
Switch# configure terminal
Switch(config)# no errdisable flap reason link-flap
```

Show Errdisable Detect

Use this command to display the error detection status.

```
Switch> enable
Switch# show errdisable detect
```

Show Errdisable Recovery

Use this command to display the error recovery status.

```
Switch> enable
Switch# show errdisable recovery
```

Show Errdisable Flap

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

```
Switch> enable
Switch# show errdisable flap
```