

Configuring Fast Failover in a Virtual Chassis Configuration

The Virtual Chassis fast failover feature is a hardware-assisted failover mechanism that automatically reroutes traffic and reduces traffic loss in the event of a link or switch failure. If a link between two members fails, traffic flow between those members must be rerouted quickly so that there is minimal traffic loss.

While fast failover is enabled by default on dedicated Virtual Chassis ports (VCPs), you must manually enable fast failover on uplink module ports that have been configured as VCPs.

Before you begin configuring fast failover, ensure that the dedicated VCPs or uplink module VCPs are connected in a ring topology.

- To reenable the fast failover feature on all dedicated VCPs in a ring:

```
[edit]
user@switch# delete virtual-chassis fast-failover vcp disable
```

- To configure the fast failover feature on all XFP uplink module VCPs in a ring:

```
[edit]
user@switch# set virtual-chassis fast-failover xe
```

- To configure the fast failover feature on all SFP uplink module VCPs in a ring:

```
[edit]
user@switch# set virtual-chassis fast-failover ge
```

- Related Topics**
- Example: Configuring Fast Failover to Reroute Traffic When a Virtual Chassis Member Switch or Intra-Member Link Fails
 - Disabling Fast Failover in a Virtual Chassis Configuration
 - Setting an Uplink Port as a Virtual Chassis Port (CLI Procedure)
 - Configuring a Virtual Chassis (CLI Procedure)
 - Configuring a Virtual Chassis (J-Web Procedure)
 - Understanding Fast Failover in a Virtual Chassis Configuration

