

## Verifying That Graceful Routing Engine Switchover Is Working in the Virtual Chassis Configuration

---

**Purpose** Verify that graceful Routing Engine switchover is working in the Virtual Chassis configuration.

**Action** On the master switch, verify the member ID of the backup Routing Engine:

```
{master:0}
user@switch> show virtual-chassis status
Virtual Chassis ID: 5efa.4b7a.aae6

Member ID  Status  Serial No  Model  Mastership  Role  Neighbor List
0 (FPC 0)  Prsnt    BM0208105281  ex4200-24t  255  Master*  1 vcp-0
1 (FPC 1)  Prsnt    BP0208192350  ex4200-48t  255  Backup   0 vcp-0

Member ID for next new member: 2 (FPC 2)
```

Connect to the backup Routing Engine:

```
{master:0}
user@switch> request session member 1

{backup:1}
user@switch>
```

Verify that the backup Routing Engine is ready for switchover on member ID 1:

```
{backup:1}
user@switch> show system switchover

Graceful switchover: On
Configuration database: Ready
Kernel database: Ready
Peer state: Steady State
```

Switch the current backup Routing Engine to master Routing Engine:



**NOTE:** You must wait between two to fifteen minutes between Routing Engine failovers for the Routing Engines to synchronize.

---

```
{backup:1}
user@switch> request chassis routing-engine master acquire
```

Verify that the master and backup Routing Engines have switched roles:



**NOTE:** Member ID 1 is now the master and member ID 0 is now the backup.

---

```
{master:1}
user@switch> show virtual-chassis status
```

```
Virtual Chassis ID: 5efa.4b7a.aae6

Member ID  Status  Serial No  Model  Mastership  Role  Neighbor List
           ID      Interface
0 (FPC 0)  Prsnt  BM0208105281  ex4200-24t  255  Backup  1 vcp-0
1 (FPC 1)  Prsnt  BP0208192350  ex4200-48t  255  Master* 0 vcp-0
```

```
Member ID for next new member: 2 (FPC 2)
```

**Meaning** With graceful Routing Engine switchover enabled, when you initiated a switchover from the backup Routing Engine, the backup Routing Engine became the master and the master Routing Engine became the backup.

**Related Topics** ■ [Configuring Graceful Routing Engine Switchover in a Virtual Chassis Configuration \(CLI Procedure\)](#)