

Verifying the Member ID, Role, and Neighbor Member Connections of a Virtual Chassis Member

Purpose You can designate the role that a member performs within a Virtual Chassis configuration or you can allow the role to be assigned by default. You can designate the member ID that is assigned to a specific switch by creating a permanent association between the switch's serial number and a member ID, using a preprovisioned configuration. Or you can let the member ID be assigned by the master, based on the sequence in which the member switch is powered on and on which member IDs are currently available.

The role and member ID of the member switch are displayed on the front-panel LCD.

Each member switch can be cabled to one or two other member switches, using either the dedicated Virtual Chassis ports (VCPs) on the rear panel, an uplink module port that has been configured as a VCP, or an SFP network port on an EX4200-24F switch that has been configured as a VCP. The members that are cabled together are considered neighbor members.

Action To display the role and member ID assignments using the CLI, use the `show virtual-chassis status` command:

```
user@SWA-0> show virtual-chassis status
```

```
Virtual Chassis ID: 0000.e255.00e0
```

Member ID	Status	Serial No	Model	Mastership Priority	Role	Neighbor List ID, Interface
0 (FPC 0)	Prsnt	abc123	ex4200-48p	255	Master*	1 vcp-0 2 vcp-1
1 (FPC 1)	Prsnt	def456	ex4200-24t	255	Backup	2 vcp-0 0 vcp-1
2 (FPC 2)	Prsnt	abd231	ex4200-24p	128	Linecard	0 vcp-0 1 vcp-1

Meaning This output verifies that three EX4200 switches have been interconnected as a Virtual Chassis configuration using their dedicated VCPs. The display shows which of the VCPs is connected to which neighbor. The first port (**vcp-0**) of member 0 is connected to member 1 and the second port of member 0 (**vcp-1**) is connected to member 2. The FPC slots for EX Series switches are the same as the member IDs.

The **Mastership Priority** values indicate that the master and backup members have been explicitly configured, because they are not using the default value (**128**).

- Related Topics**
- Configuring Mastership of the Virtual Chassis (CLI Procedure)
 - Configuring a Virtual Chassis (CLI Procedure)
 - Configuring a Virtual Chassis (J-Web Procedure)
 - Example: Expanding a Virtual Chassis Configuration in a Single Wiring Closet

- Example: Setting Up a Multimember Virtual Chassis Access Switch with a Default Configuration
- Monitoring Virtual Chassis Configuration Status and Statistics

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