show virtual-chassis vc-port

Syntax show virtual-chassis vc-port
<(all-members | member *member-id*)>

Release Information Command introduced in JUNOS Release 9.0 for EX Series switches.

Description Display the status of the Virtual Chassis ports (VCPs), including both the dedicated VCPs and the uplink module ports configured as VCPs.

Options none—Display the operational status of all the VCPs of the member switch where the command is issued.

all-members—(Optional) Display the operational status of all the VCPs on all members of the Virtual Chassis configuration.

member *member-id*—(Optional) Display the operational status of all the VCPs for the specified member of the Virtual Chassis configuration.

Required Privilege Level view

Related Topics
- show virtual-chassis vc-port statistics
- Monitoring Virtual Chassis Configuration Status and Statistics
- Understanding Virtual Chassis Configuration

List of Sample Output
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show virtual-chassis vc-port all-members on page 2

Output Fields Table 1 lists the output fields for the show virtual-chassis vc-port command. Output fields are listed in the approximate order in which they appear.

Table 1: show virtual-chassis vc-port Output Fields

Field Name	Field Description
fpc*number*	The FPC number is the same as the member ID.
Interface or PIC/Port	VCP interface name. Unlike network interface names, a VCP interface name does not include a slot number (member ID). ■ The dedicated VCPs are vcp-0 and vcp-1. ■ The uplink module ports set as VCPs are named 1/0 and 1/1, representing the PIC number and the port number.
Type	Type of VCP: ■ Dedicated (on the rear panel) ■ Configured (uplink module port configured as a VCP) ■ Auto-Configured (uplink module port autoconfigured as a VCP) See Setting an Uplink Module Port as a Virtual Chassis Port (CLI Procedure) for information about configuring VCPs.

Table 1: show virtual-chassis vc-port Output Fields *(continued)*

Field Name	Field Description
Trunk ID	A positive-number ID assigned to a LAG formed by the Virtual Chassis. The trunk ID value is –1 if no trunk is formed. A LAG between uplink VCPs requires that the link speed be the same on connected interfaces and that at least two VCPs on one member be connected to at least two VCPs on the other member. Dedicated VCP LAGs are assigned trunk IDs 1 and 2. Trunk IDs for LAGs formed with uplink VCPs therefore have values of 3 or greater. The trunk ID value changes if the link-adjacency state between LAG members changes; trunk membership is then allocated or deallocated.
Status	Interface status: down or up.
Speed (mbps)	Speed of the interface in megabits per second.
Neighbor ID/Interface	The Virtual Chassis member ID and interface of a VCP on a member switch that is connected to the interface or PIC/Port field in the same row as this interface.

show virtual-chassis vc-port

```
user@switch> show virtual-chassis vc-port

fpc0:
--------------------------------------------------------------------------
Interface   Type              Trunk  Status       Speed        Neighbor
or                             ID                (mbps)       ID  Interface
PIC / Port
vcp-0       Dedicated           1    Up           32000        1   vcp-1
vcp-1       Dedicated           2    Up           32000        0   vcp-0
1/0         Auto-Configured     3    Up           1000         2   vcp-255/1/0
1/0         Auto-Configured     3    Up           1000         2   vcp-255/1/1
```

show virtual-chassis vc-port all-members

```
user@switch> show virtual-chassis vc-port all-members

fpc0:
--------------------------------------------------------------------------
Interface   Type              Trunk  Status       Speed        Neighbor
or                             ID                (mbps)       ID  Interface
PIC / Port
vcp-0       Dedicated           1    Up           32000        1   vcp-1
vcp-1       Dedicated           2    Up           32000        0   vcp-0
1/0         Auto-Configured     3    Up           1000         2   vcp-255/1/0
1/1         Auto-Configured     3    Up           1000         2   vcp-255/1/1

fpc1:
--------------------------------------------------------------------------
Interface   Type              Trunk  Status       Speed        Neighbor
or                             ID                (mbps)       ID  Interface
PIC / Port
vcp-0       Dedicated           1    Up           32000        0   vcp-1
vcp-1       Dedicated           2    Up           32000        0   vcp-0
1/0         Auto-Configured    -1    Up           1000         3   vcp-255/1/0

fpc2:
--------------------------------------------------------------------------
```

```
Interface   Type              Trunk  Status       Speed        Neighbor
or                             ID                (mbps)       ID  Interface
PIC / Port
vcp-0       Dedicated           1    Up           32000        3   vcp-1
vcp-1       Dedicated           2    Up           32000        3   vcp-0
1/0         Auto-Configured     3    Up           1000         0   vcp-255/1/0
1/1         Auto-Configured     3    Up           1000         0   vcp-255/1/1

fpc3:
--------------------------------------------------------------------------
Interface   Type              Trunk  Status       Speed        Neighbor
or                             ID                (mbps)       ID  Interface
PIC / Port
vcp-0       Dedicated           1    Up           32000        2   vcp-0
vcp-1       Dedicated           2    Up           32000        2   vcp-1
1/0         Auto-Configured    -1    Up           1000         1   vcp-255/1/0
```

Published: 2009-07-29