Brocade/Cisco CLI Comparisons

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July 17, 2016

Creation of a L2 VLAN

Brocade

Switch(config)# vlan 2

Cisco

Switch(config)#vlan 2

Switch(config-vlan)#exit

Switch(config)#interface vlan 2

Switch(config-inter)#no shut

Link that carries multiple VLANs

Brocade (Tagged Port)

vlan 10 15 50

tagged eth 1/2/1

Cisco (Trunk Port)

int gig0/1

switch trunk encap dot1q

switch mode trunk

Assign a port for a device

Brocade (Untagged Port)

Vlan 5

untagged eth 1/1/1

Cisco (Access Port)

int gig 0/1

switchport access vlan 5

Create L3 VLAN with IP address

NOTE*** In Brocade, a port must already be in the VLAN for the "router-interface ve" command to take.

NOTE*** In Cisco, the VLAN wont come up until you assign a port to the VLAN.

Brocade

Cisco

vlan 2

vlan 2

router-interface ve 2

exit

interface ve 2

interface vlan 2

ip address 192.168.0.1/24

no shut

ip address 192.168.0.1 255.255.255.0

Configure port for both voice and data VLANs, specifically for Cisco phone systems

Data vlan is vlan 1, Voice vlan is vlan 10

Brocade

Vlan 1 10

tagged eth 1/1/1

int eth 1/1/1

dual-mode 1

voice-vlan 10 *(command specifically for Cisco voice)*

inline power *(to enable power on the port)*

Cisco

interface gig 0/1

switch access vlan 1

switchport voice vlan 10

Show status of a port

Brocade

show interface eth 1/1/1

Cisco

show interface gig0/1

Seeing switch neighbors

Brocade

show fdp neigh

Cisco

show cdp neigh

Adding a label to a port

Brocade (**port-name**)

int eth 1/1/1

port-name Server

Cisco (**description**)

inter gig0/1

description Server

Default VLAN Note

Brocade (vlan 1) - Always change the default vlan to an unused VLAN ID number. The default VLAN in Brocade acts as a "parking lot" (non-configurable) for unused ports when you configure VLANs.

To change the default vlan ID: "default-vlan-id 4000"

Cisco (vlan 1) – In Cisco, you can pass traffic on VLAN 1 after configuring other VLANs.

THE END