

Cisco Switch Cheat Sheet

See WWE IP Address Sheet for switch IP Address List

Notes

1. Open Putty on PC or Terminal on a Mac
2. Connection type = SSH
3. Host Name (IP address of switch you want to connect to)
4. Select Open
5. Login using NEP credentials (See credential sheet)

Commands	Descriptions
"sh run"	shows current operating configuration and all interface details
"sh run int g1/0/#" or sh run int g0/#"	shows specific interface configuration
"sh int g1/0/#" or sh int g0/#"	shows specific interface details and status
"sh int g1/0/#" summary"	shows interface status and bits transmitted or received
"sh cdp neighbor"	shows the local switch and the switches its connected too
"sh ip int brief"	shows the ports on the switch and whether they are up or down
"sh power inline"	shows POE info
"sh int trans detail"	shows interfaces connected with transievers (SFP) and optical levels associated
"sh int port-channel # summary"	shows
"sh vlan"	shows vlans and all ports associated with the specific vlan
"sh version"	shows switch details (specs/versions/etc)

Cisco Switch Cheat Sheet

See WWE IP Address Sheet for switch IP Address List

Configuring a Port

1. config t - enters the configuration level of the switch
2. select the specific interface to configure
3. see WWE IP Address list for vlan info

Commands

Descriptions

"config t"	configures from the terminal and allows to enter config level to configure specific interfaces
"int g#/#/#"	selects the specific interface in which to configure

"switchport access vlan #" & "switchport mode access"	add or change vlan to a port
"spanning-tree portfast"	adds spanning tree to port
"description" <i>then add anything</i>	adds a description to the port
"no switchport access vlan #" & "no switchport mode access"	removes vlan from port
"no description"	removes description
"no spanning tree portfast"	removes spanning-tree

Cisco Switch Cheat Sheet

See *WWE IP Address Sheet for switch IP Address List*

Saving changes to startup config

Commands	Descriptions
"copy run start"	copies running config to startup config (use on Cisco and Nexus)
"wri mem"	writes to memory of switch same as above (does not work on Nexus)