

NPS LAB EXPERIMENT-4

Construction of Different VLANS and TRUNKING using cisco packet tracer.

Step 1: Open Cisco Packet Tracer and create a new project.

Step 2: Drag two switches and 3 pc's and drop them.

Step 3: Use automatic cables to connect PCs to the switch.

PC1 to Switch0 (FastEthernet 0/2)

PC2 to Switch0 (FastEthernet 0/3)

PC3 to Switch1 (FastEthernet 0/2)

Switch 1 to Switch2 (FastEthernet 0/1)

Step 4: Click on Switch0, go to the CLI tab.

Step 5: Enter the following commands in cli tab.

Step 6: type `en` and press enter & type `conf t` press enter.

Step 7: Type `hostname` and give name to it.

Step 8: Type `int` and where it is connected to that fast-ethernet port (`f0/2`)

Step 9: Type `switch mode access` and press enter.

Step 10: Type `Switch mode access Vlan 1` & press enter.

Step 11: Type `Switch mode trunk`.

Step 12: Give ip address to each pc.

Step 13: Open command prompt and type `ping` command and give ip address of other pc's.

Step 16: show interfaces trunk.



