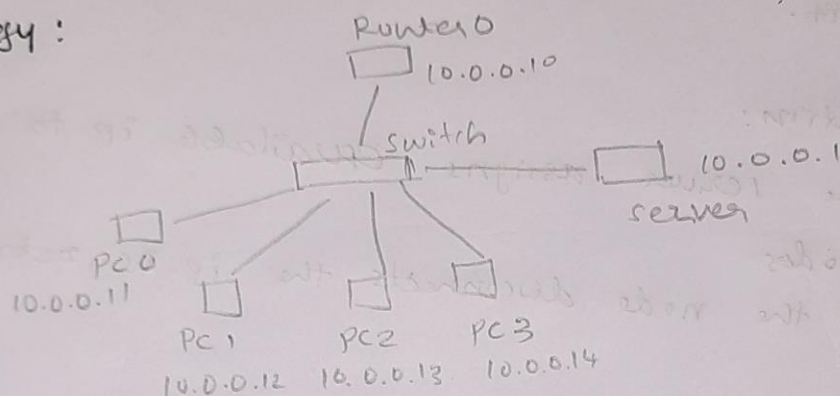


Exp - 5Venkatesha Prasada CH
1BM18CS124

Question: Demonstrate DHCP using switch.

Aim: Setting the ips of nodes automatically.

Topology:



Procedure:

- 1) connect the PCs, server & Router to the switch as shown
- 2) Configure Router 0
- 3) set IP & default gateway of server.
- 4) ~~Over~~ service menu of server, select DHCP, set the default gateway, IP start, and ~~stop~~ of connection, etc, & turn DHCP ON.
- 5) Over desktop menu of each PC, select IP configuration and set IP configuration to DHCP. Now PC will receive a unique IP from the server.

CLI commands;

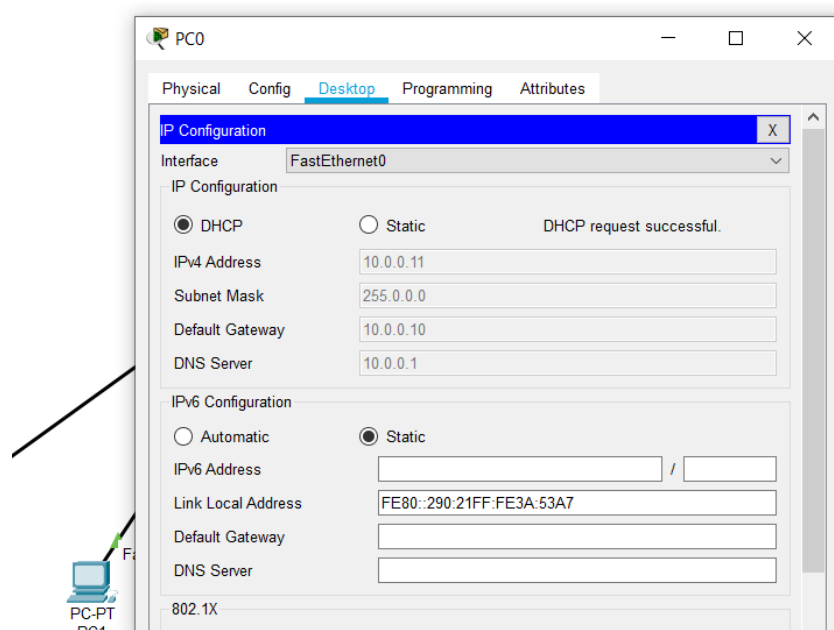
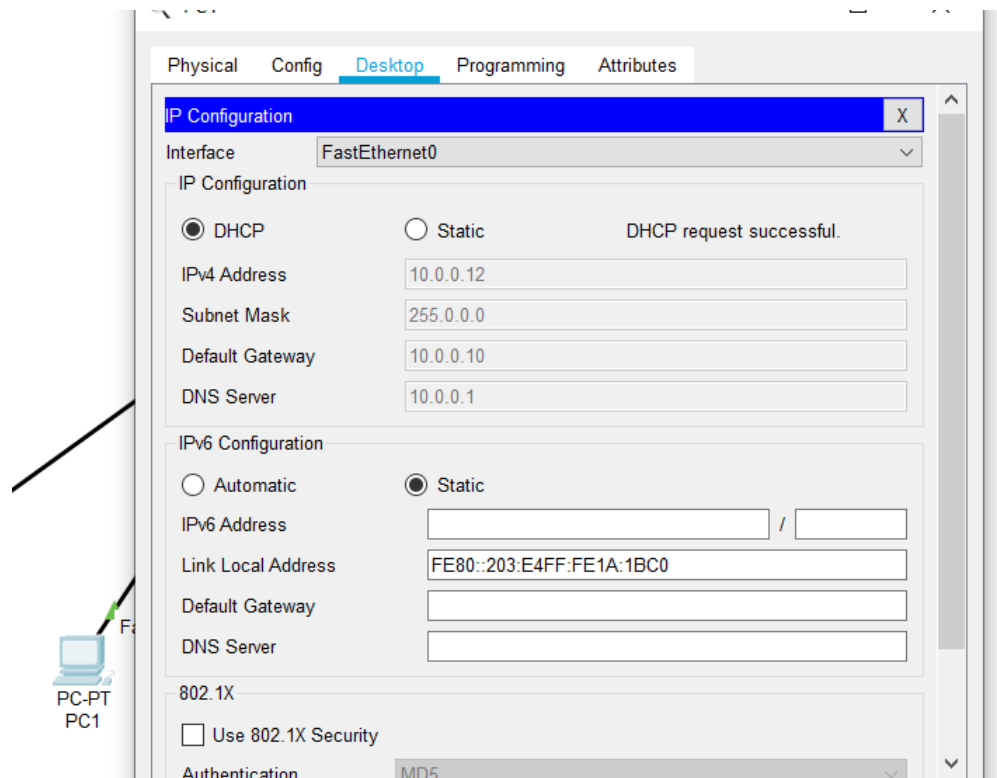
- 1) enable
- 2) config t
- 3) interface fastethernet 0/0 10.0.0.10 255.0.0.0
- 4) no shut
- 5) exit.

Observation:

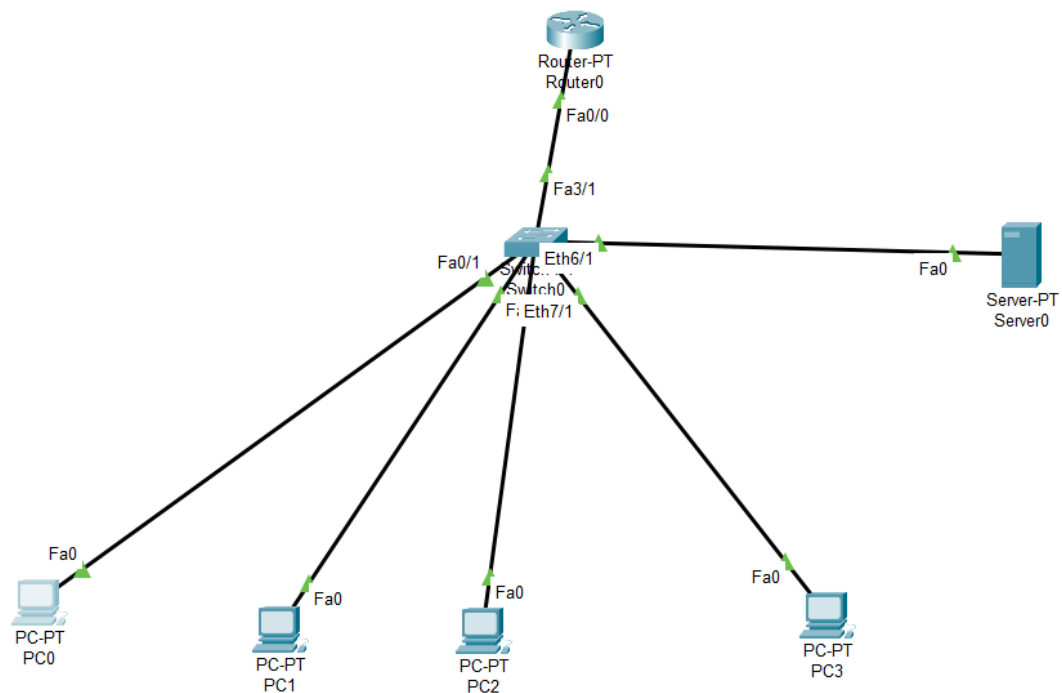
- 1) The server assigns available ip to the nodes
- 2) if the node disconnects the ip is retrieved.

Shubert

SCREEN SHOTS:



TOPOLOGY:



RESULT:

