

Experiment-12

Design the functionalities and exploration of TCP using Packet tracer

Aim: To design the functionalities & Exploration of TCP using Packet tracer.

Software: Packet Tracer /End devices, Hubs, Connectors

Procedure:

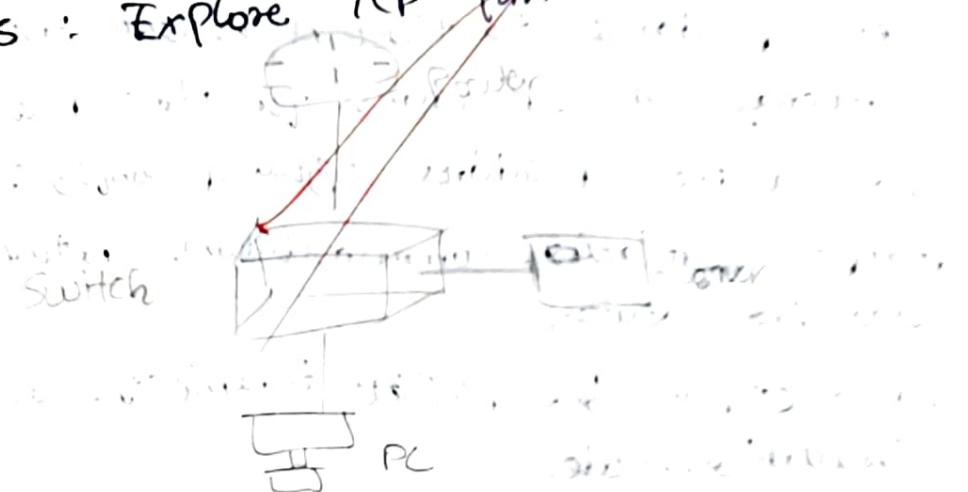
Step 1: Setup the network Topology

Step 2: Configure IP address

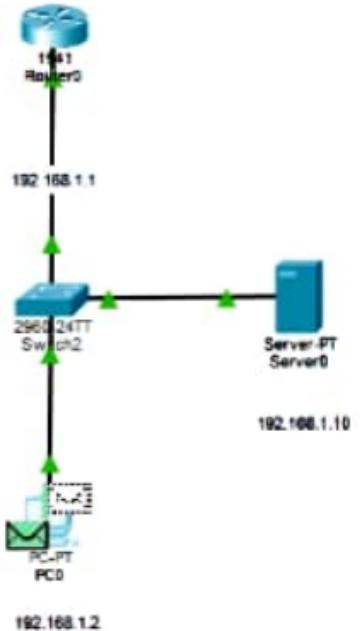
Step 3: Configure the router.

Step 4: Test the Connectors

Step 5: Explore TCP functionalities.



Result: Thus the functionalities & Exploration of TCP using Packet Tracer is designed successfully.



Simulation Panel

Event List

Idx	Time(sec)	Last Device	At Device	Type
0.000	—		PC0	TCP
0.001	PC0		Switch2	TCP
0.002	Switch2		Server0	TCP
0.003	Server0		Switch2	TCP
0.004	Switch2		PC0	TCP
0.004	—		PC0	HTTP
0.005	PC0		Switch2	TCP
0.005	—		PC0	HTTP
0.006	PC0		Switch2	TCP
0.006	Switch2		Server0	TCP
0.007	Switch2		Server0	HTTP
0.008	Server0		Switch2	HTTP
0.009	Switch2		PC0	HTTP
0.009	—		PC0	TCP
0.010	PC0		Switch2	TCP
0.011	Switch2		Server0	TCP
0.012	Server0		Switch2	TCP
0.013	Switch2		PC0	TCP
0.014	PC0		Switch2	TCP

Reset Simulation Constant Delay

Capturing...

Play Controls

Event List Filters - Visible Events
TCP