



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Experiment Name: Implementation of Wireless LAN

Experiment No: 5

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1 Objective

The objective of the lab report is create wireless lan netowrk and test the network using icmp packet .We also used ping and tracert to test reachability of the network.

2 Network Diagram

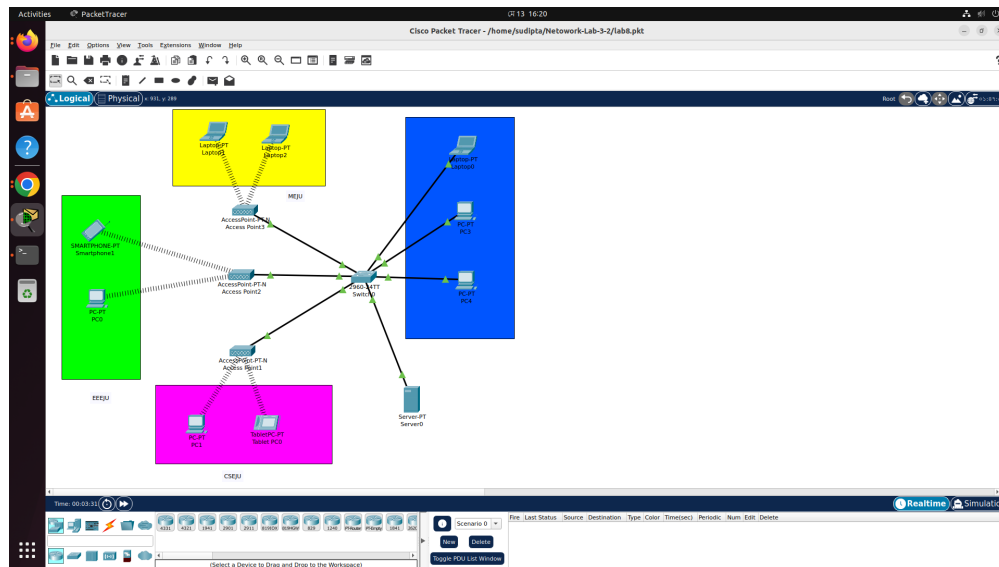


Figure 1: Network diagram for Wireless LAN

3 Procedure

The netowrk is created using cisco packet tracer.We make the server ip address static.Its ip address is 192.168.2.3. We also enable the DHCP server in the DHCP.Then we connect all the pc and router and switches with network.

4 Result

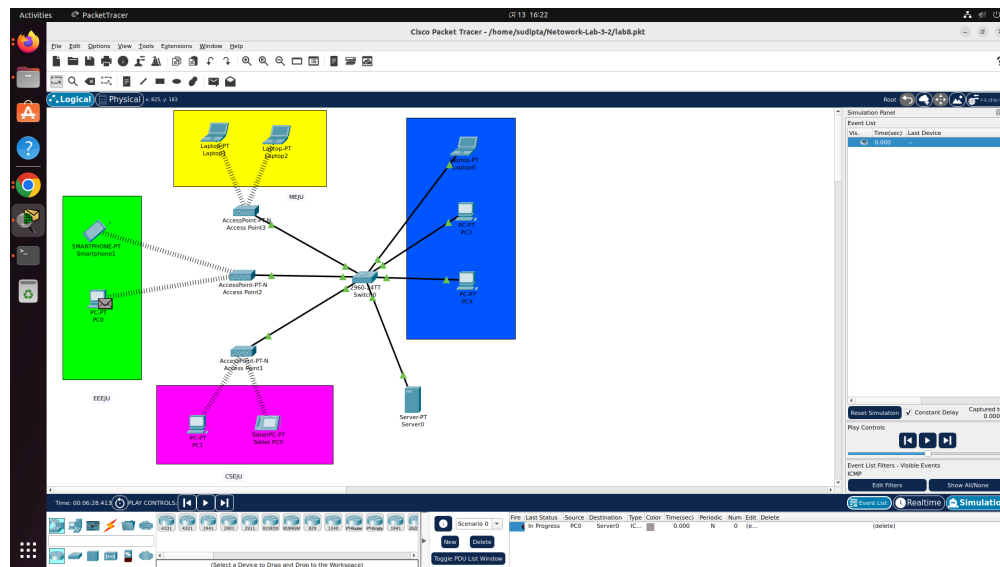


Figure 2: The Packet is leaving the source computer

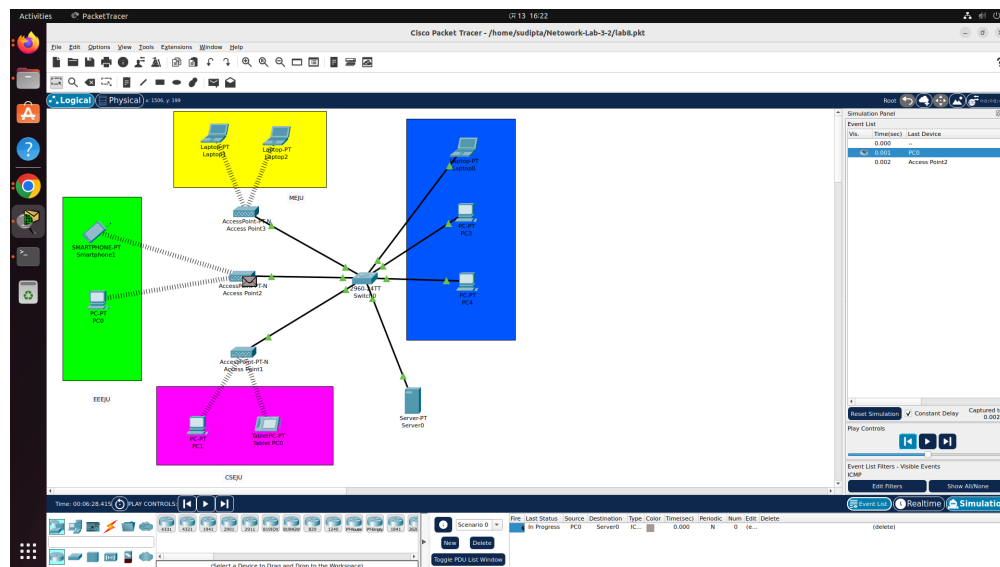


Figure 3: The Packet reached the switch

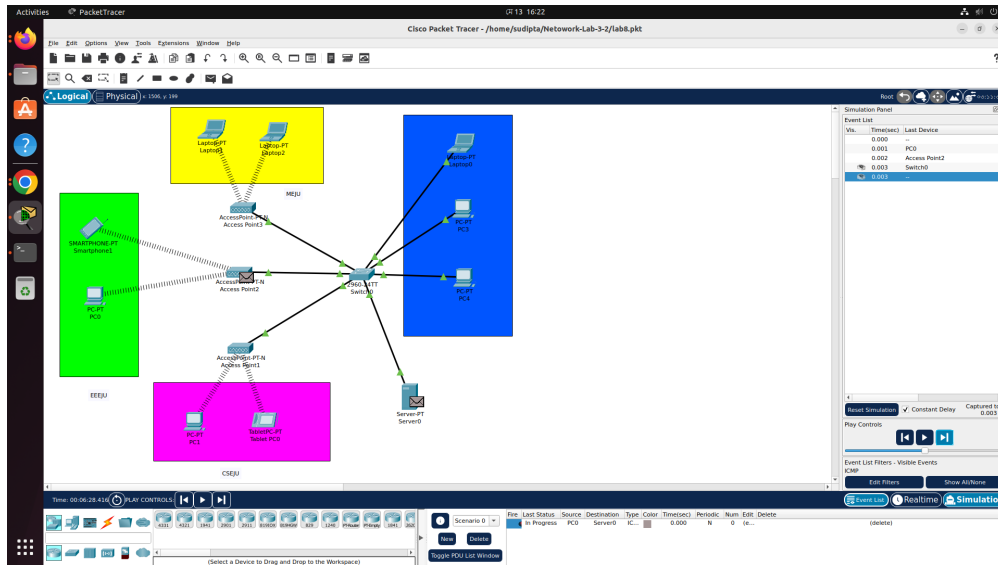


Figure 4: The Packet reached the Server

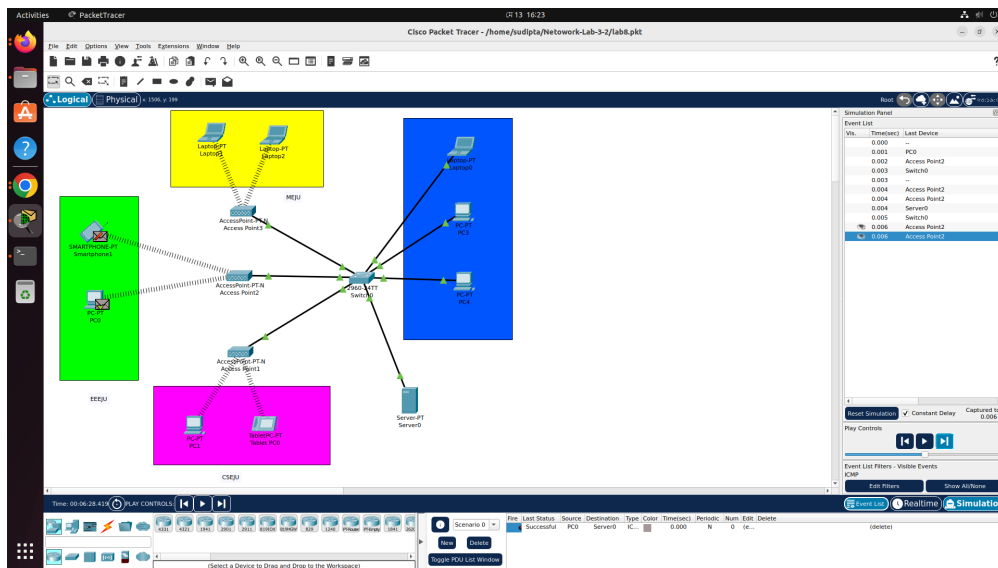


Figure 5: The Ack reached the source pc

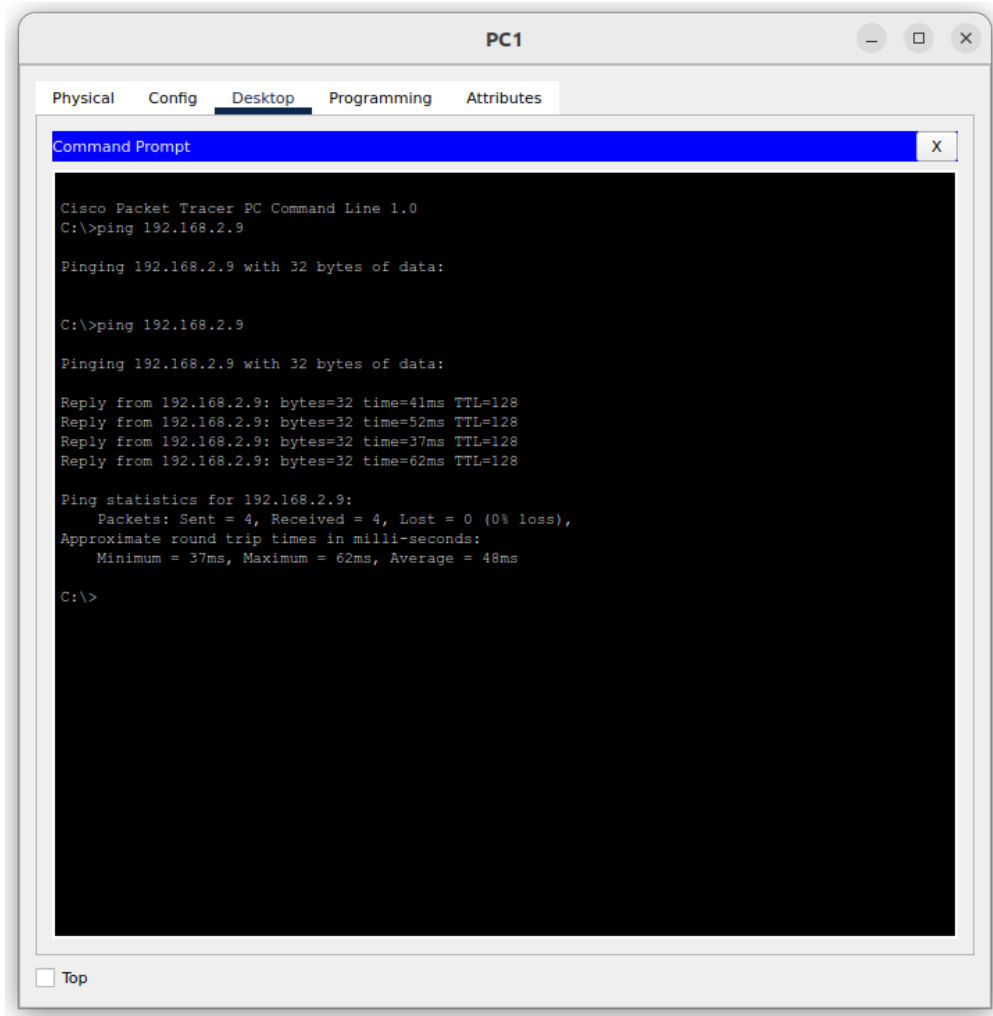


Figure 6: Testing ping reachability from CSE to ME