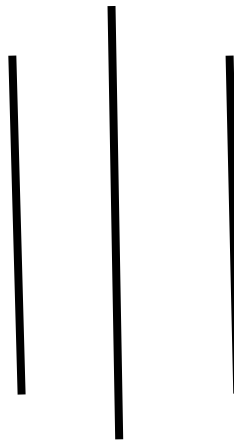


# **INSTITUTE OF ENGINEERING**

**ADVANCED COLLEGE OF ENGINEERING AND MANAGEMENT**

**Kupondole, Lalitpur**

**(AFFILIATED TO TRIBHUVAN UNIVERSITY)**



Lab no:8

Subject: Computer Network

## **Submitted By:**

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Date: 09/07/2021

## **Submitted To:**

Department of Computer  
and  
Electronics Engineering

## Lab 8

### Title: Multiuser Connection

### Objective:

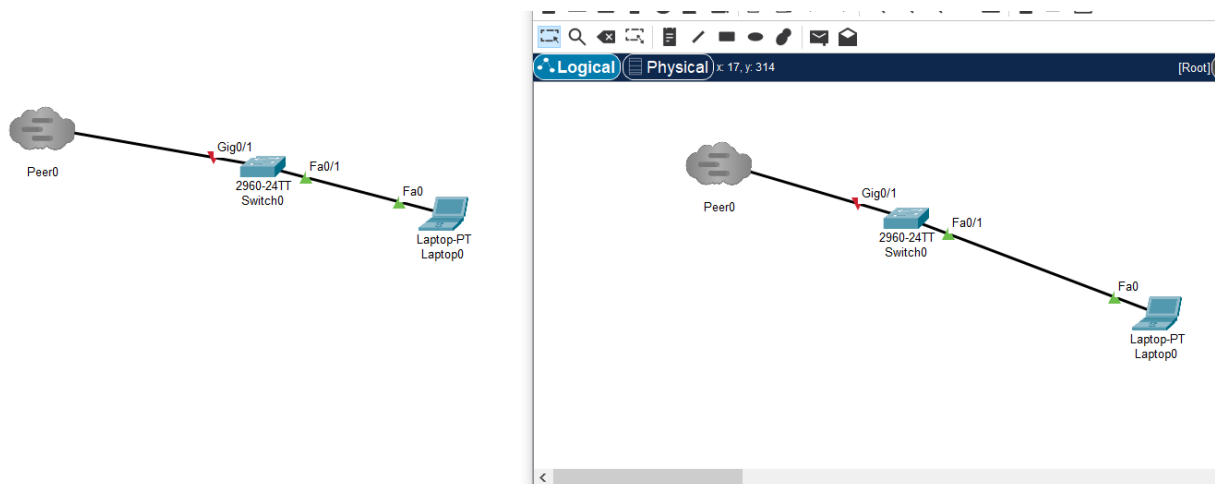
- To learn about configuration of multiuser connection

### Theory:

The multiuser feature in Packet Tracer allows multiple point-to-point connections between multiple instances of Packet Tracer. This first Packet Tracer Multiuser (PTMU) activity is a quick tutorial demonstrating the steps to establish and verify a multiuser connection to another instance of Packet Tracer within the same LAN. Ideally, this activity is meant for two students. However, it can also be completed as a solo activity simply by opening the two separate files to create two separate instances of Packet Tracer on your local machine.

### Design:

**Open Multiple Cisco Packet Tracer and draw the same structure as client-side and Server-side drawings on different cisco packet tracer windows**

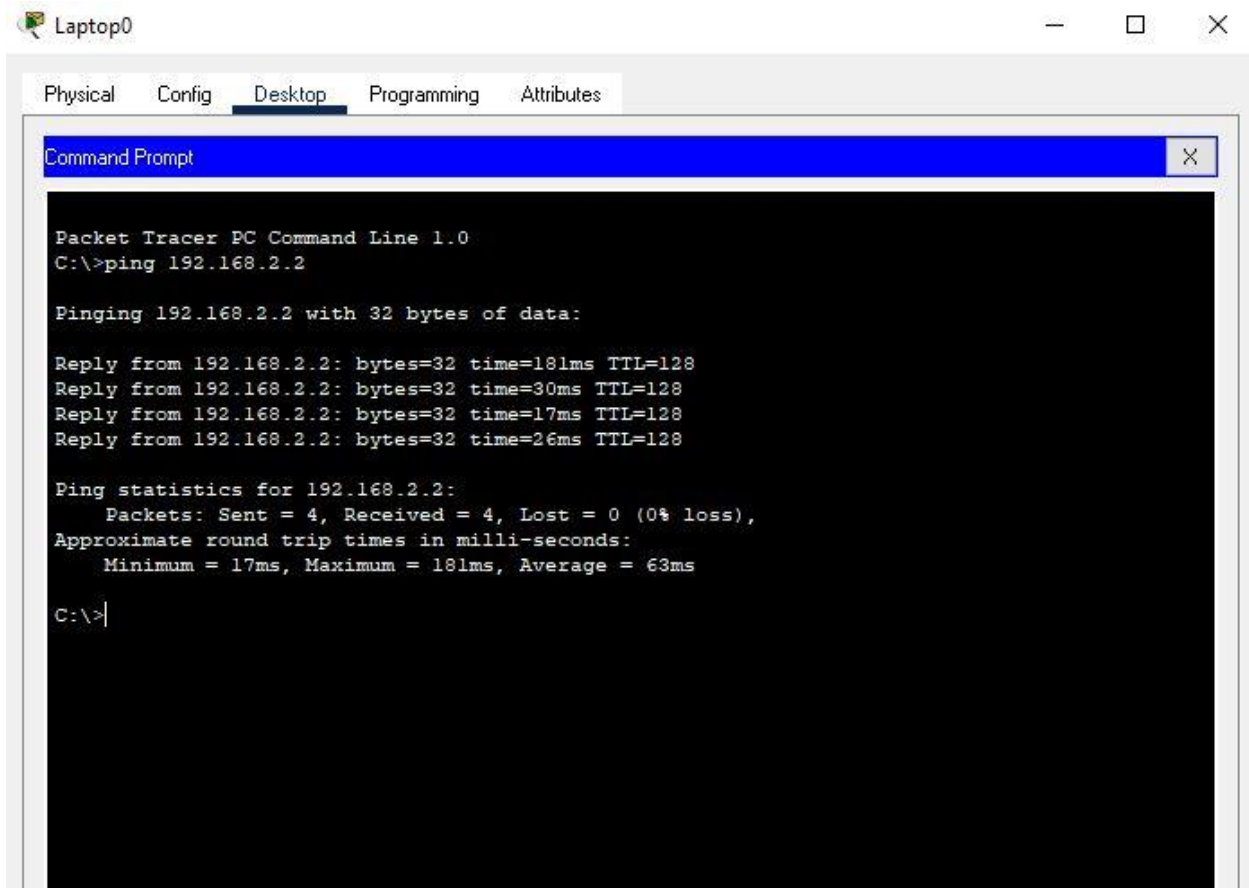


## Procedure:

- 
- Client-Side Multiuser Connection
- First the required tools are selected.
- Specify the connection type as Outgoing, Peer Network Name as **Peer 0** (it is case sensitive).
- Specify the password as **721108**
- Then click on **Connect** to display **Peer 0** in another terminal of Cisco Packet Tracer
- Click on **Yes** to Display **Peer 0** multiuser peer connection to another cisco packet tracer window.
- Configure Ip address with subnet mask along with gateway
- 
- Server-Side Multiuser Connection
- First the required tools are selected.
- When you get **Peer 0** on Screen
- then connect the wire manually from gigabit port of the Switch to **Peer 0** Click on Link 0(Switch 0 GigabitEthernet0/1) to make connection establish.
- Now you can ping from any terminal to the other packet tracer user.
- Configure Ip address with subnet mask along with gateway

## Output:

- Ping from Client to Server



The screenshot shows a Packet Tracer interface for a device named 'Laptop0'. The 'Desktop' tab is selected, displaying a 'Command Prompt' window. The window title is 'Command Prompt' with a close button. The text inside the window is as follows:

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.2.2

Pinging 192.168.2.2 with 32 bytes of data:

Reply from 192.168.2.2: bytes=32 time=181ms TTL=128
Reply from 192.168.2.2: bytes=32 time=30ms TTL=128
Reply from 192.168.2.2: bytes=32 time=17ms TTL=128
Reply from 192.168.2.2: bytes=32 time=26ms TTL=128

Ping statistics for 192.168.2.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 17ms, Maximum = 181ms, Average = 63ms

C:\>|
```

## Result and Conclusion:

In this lab we were able to configure the multiuser connection in the devices and able to ping them without any physical connection.