

3 To study the packet tracer total installation user interface overview

Aim:

To study the Packet Tracer total installation and user interface

Installing Packet Tracer:

- Go to <https://www.netmind.com>
- Log in with your Cisco Academy credentials
- Click on packet tracer graphics and download.

User interface Overview:

The layout of packet tracer divided into several compounds.

1. Menubar - common menu for open, save etc.
2. Main tool bar - open, save and shortcuts
3. Logical / Physical workspace. Toggle between.
4. Common tools bar. Tools like select, move, place, delete



5. simulation tools - used to toggle between real and simulation.

6. network component box - contains network and end devices

Analysis of behavior of network device using  
Wireshark

1. From the component box:

a) 4 generic pc's and one

b) 4 graphic pc's and one switch

2. click on connections:

a) click on copper straight through cable

b) select one of the pc and connect to Hub

c) connect the 4 pc's to the switch



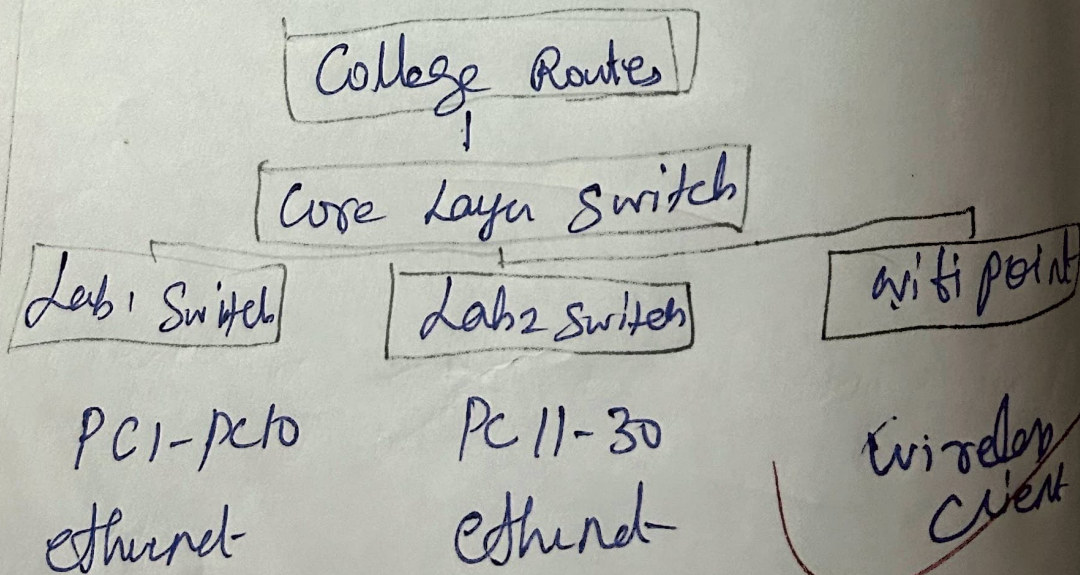
3. click on the PCs connected hub.  
the desktop tab. click on IP Config.  
IP address

4) observe the flow vol PDo  
to destination PC by selecting Select

5) Repeat step 3, 4 for PC's connected to the switch.

### Student observation:

a) HUB: When a PC sends data to another PC through a hub, the hub sends the same data to connected PC's Switch. When a PC sends data to another PC through a switch, it checks MAC table and forwards the data.



Result: The packet traces is

Exp no: 1  
DATE: 31

AIM:

Wiring  
Speci  
Pouch

toom

var

DIS

W

A

W

OH

IN

PC

C

W

W

W

W

W

W

W