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Lab Practical #07:

Study the application layer protocol DNS, DHCP, FTP.

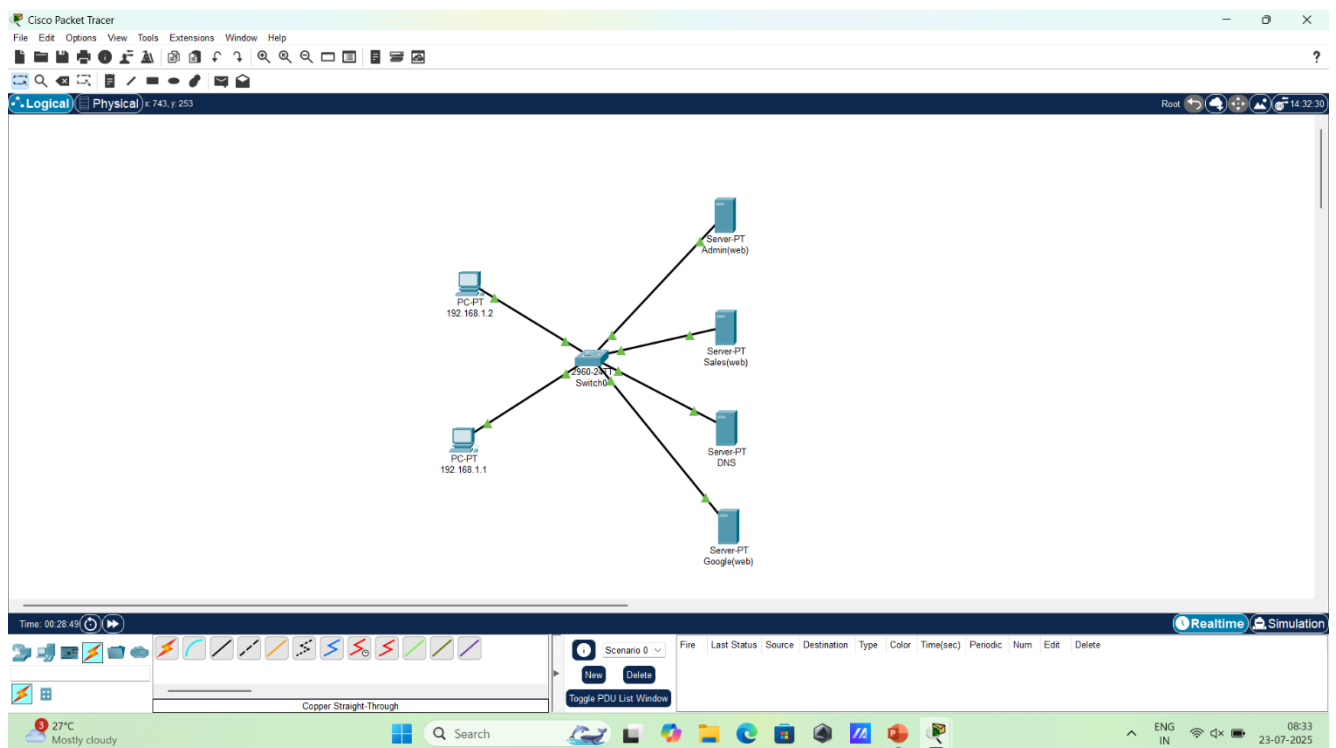
Practical Assignment #07:

1. Implement the application layer protocol DNS, DHCP, and FTP. Also check connectivity between them using ping command or PDU utility.

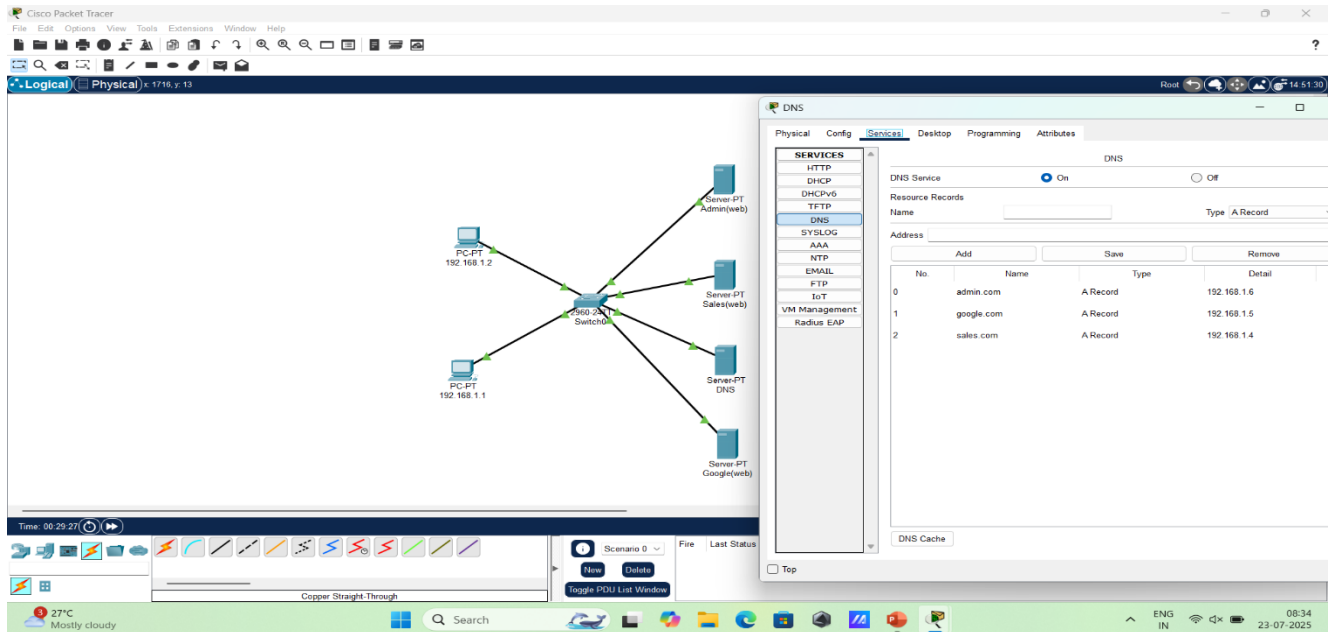
Instructions:

1. Protocol-wise configuration setup screenshot.
2. Mention IP address of each pc as label.
3. Ping command or PDU screenshot between two pcs.

1.DNS:-

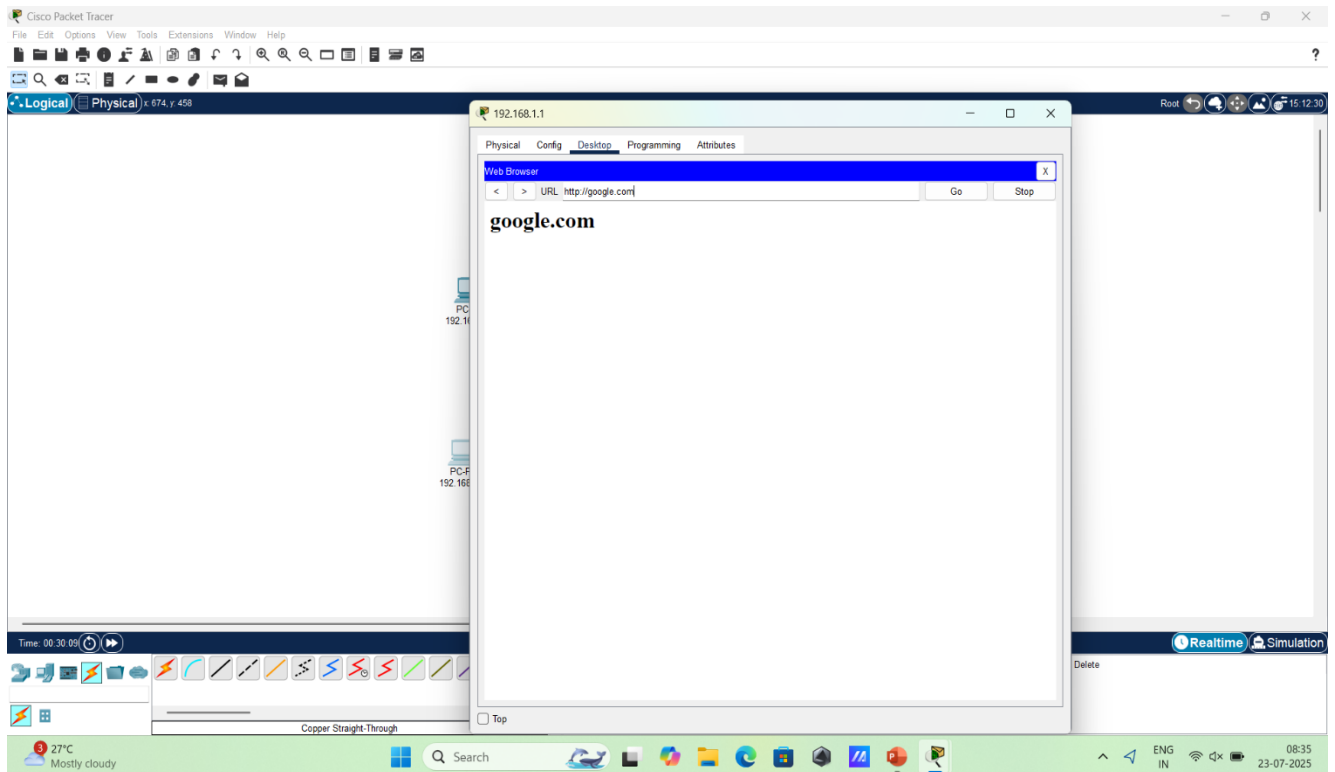


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The network diagram shows a central 2500 Switch connected to four PCs (192.168.1.1, 192.168.1.2, 192.168.1.3, 192.168.1.4) and three servers (Admin(web), Sales(web), DNS). The DNS configuration window is open, showing the following resource records:

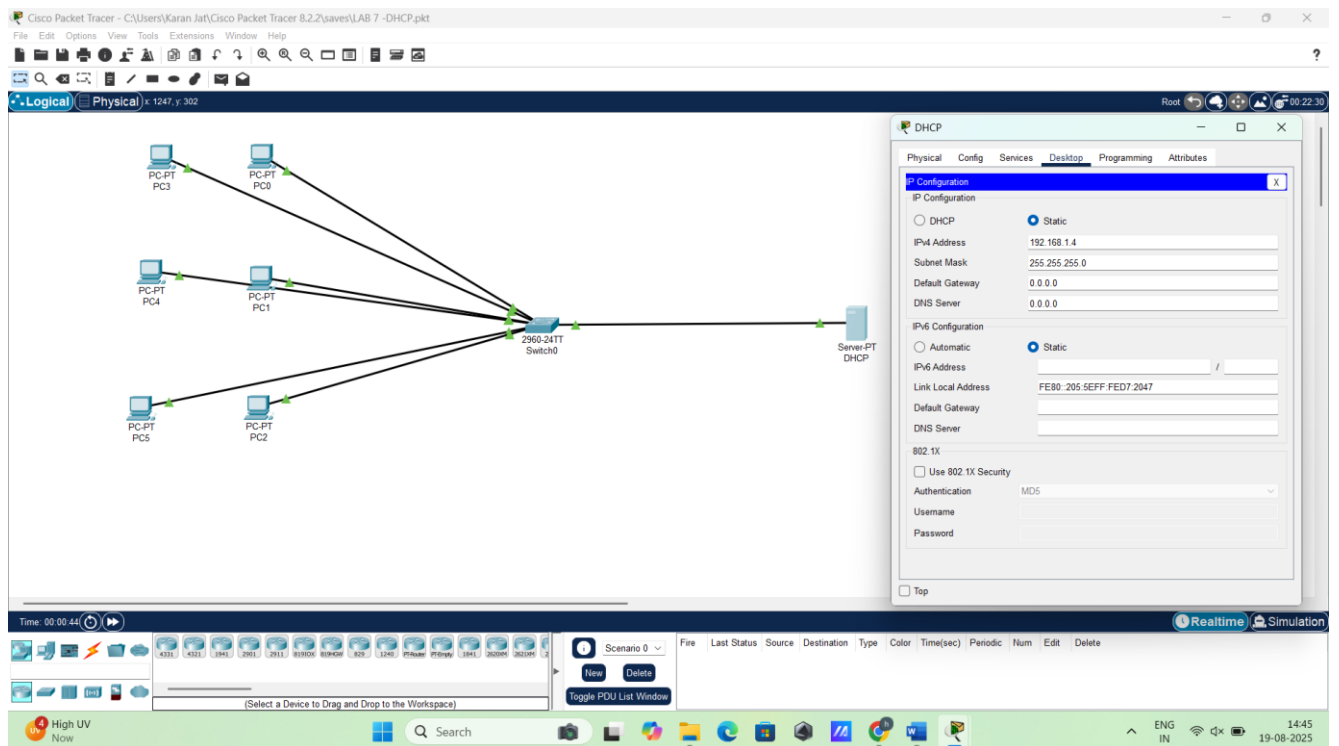
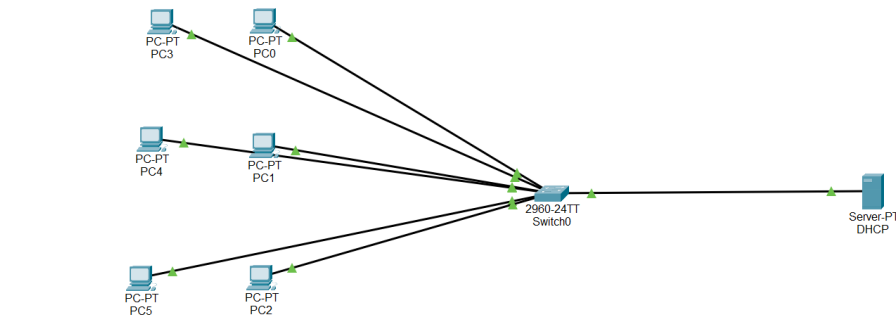
No.	Name	Type	Address
0	admin.com	A Record	192.168.1.6
1	google.com	A Record	192.168.1.5
2	sales.com	A Record	192.168.1.4



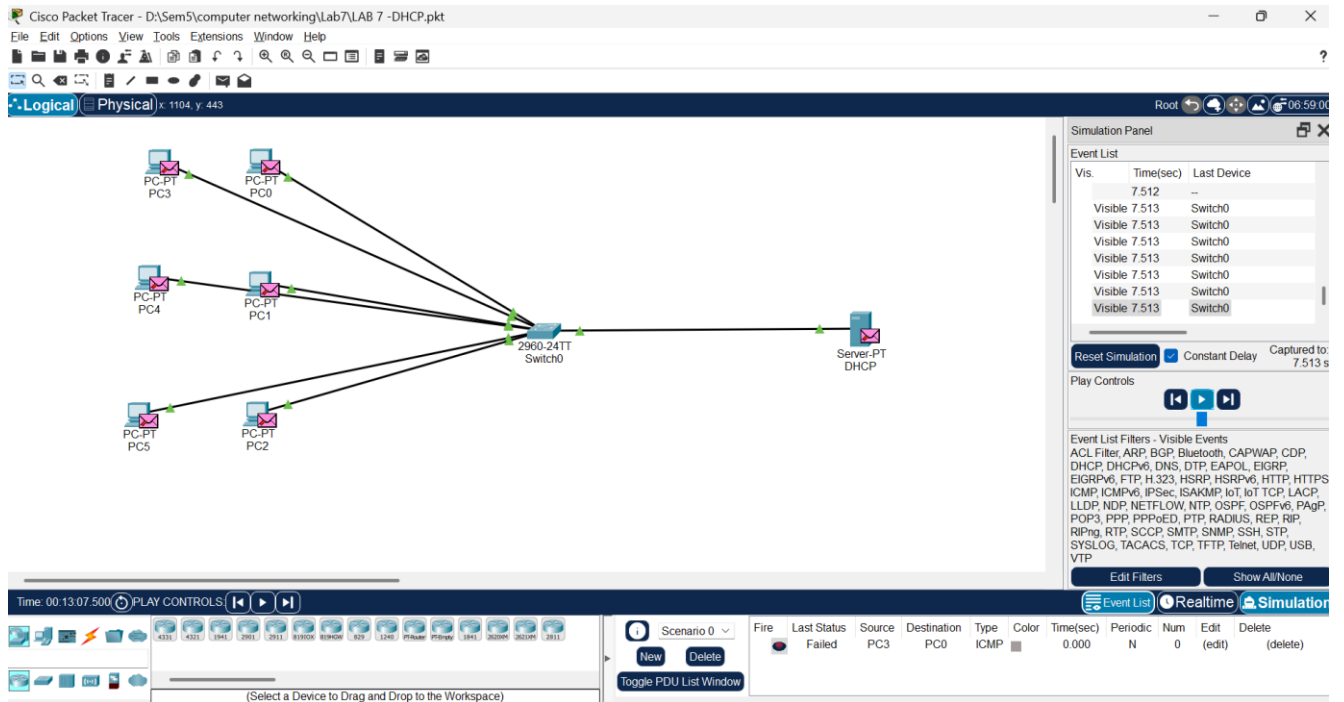
The screenshot shows a Web Browser window open on the PC with IP 192.168.1.1. The address bar shows the URL <http://google.com>, and the page displays the Google homepage.

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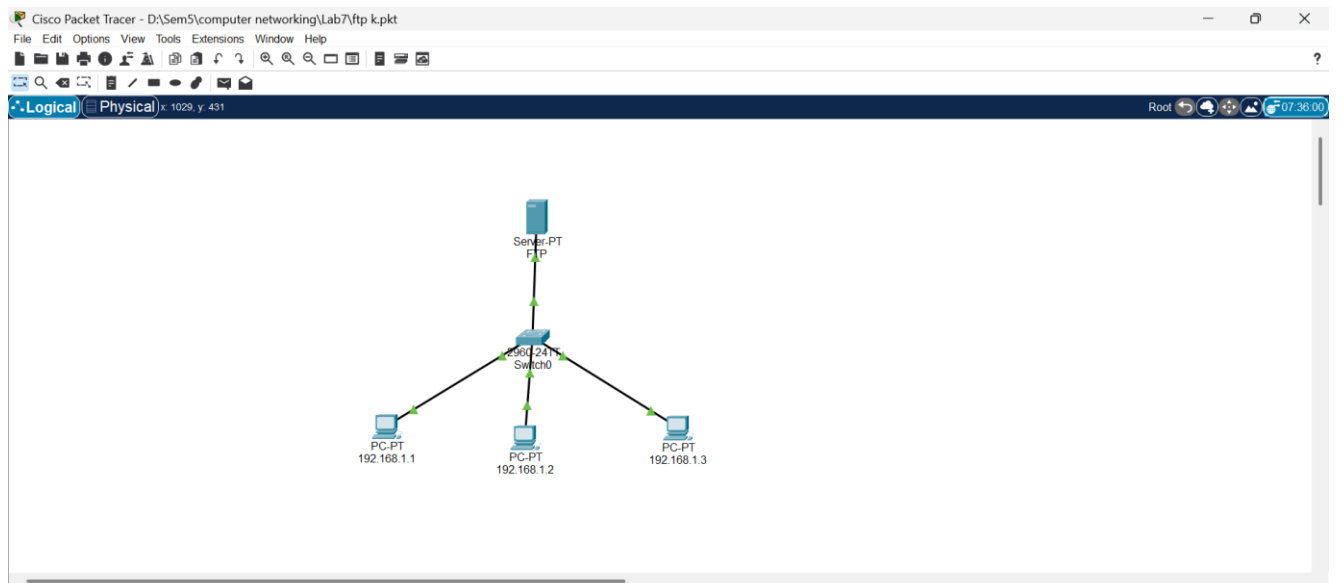
2.DHCP:-



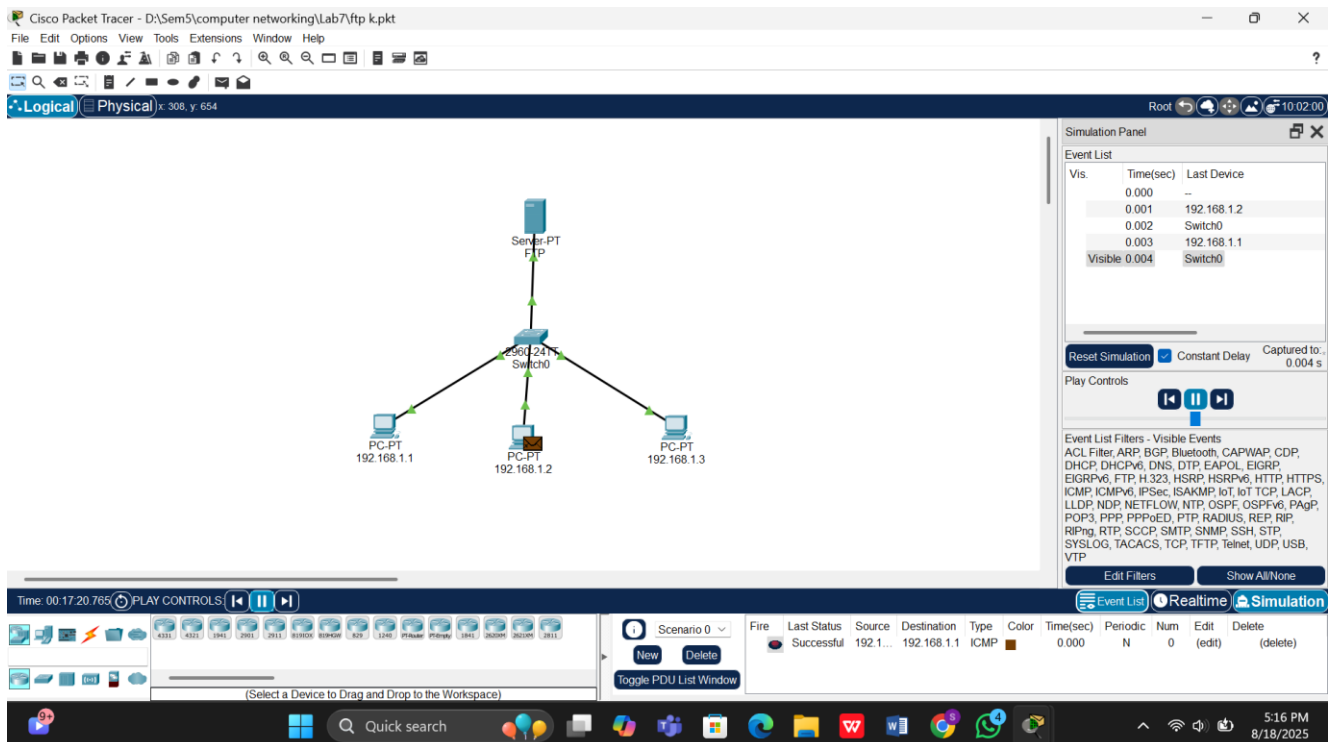
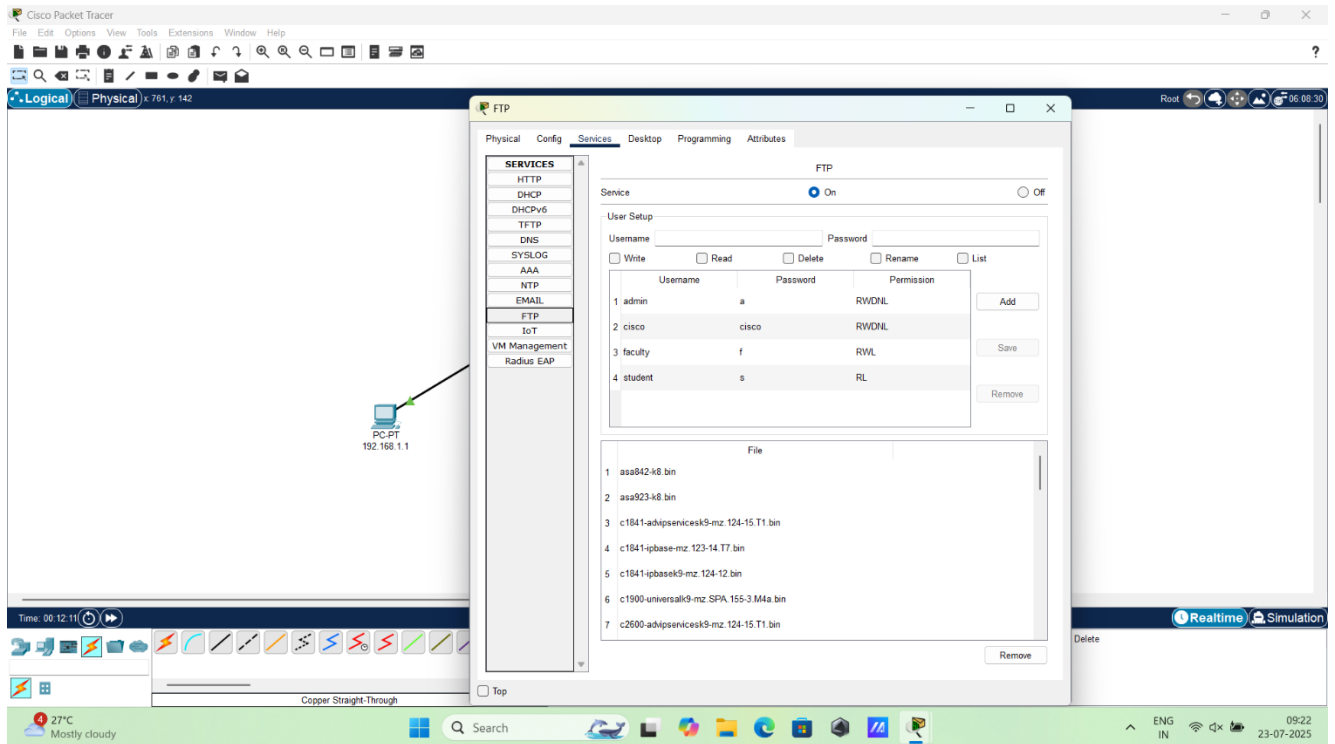
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3.FTP:-



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