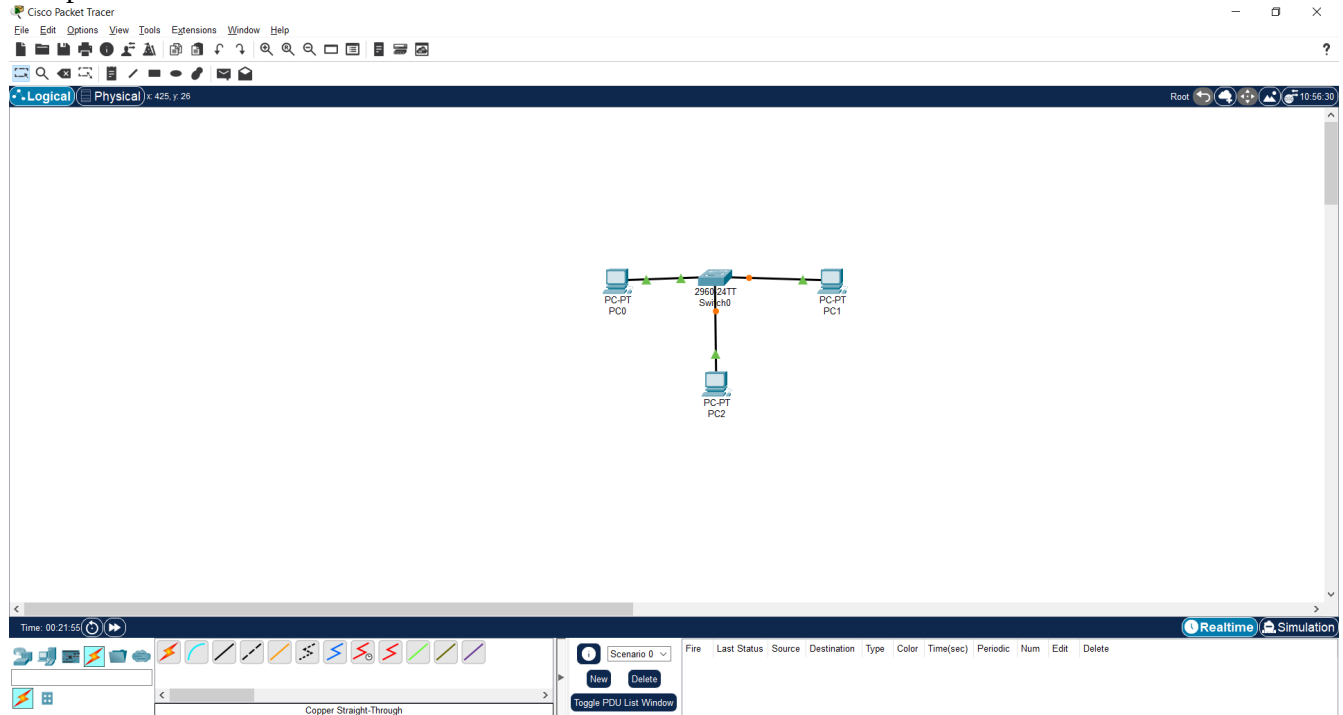
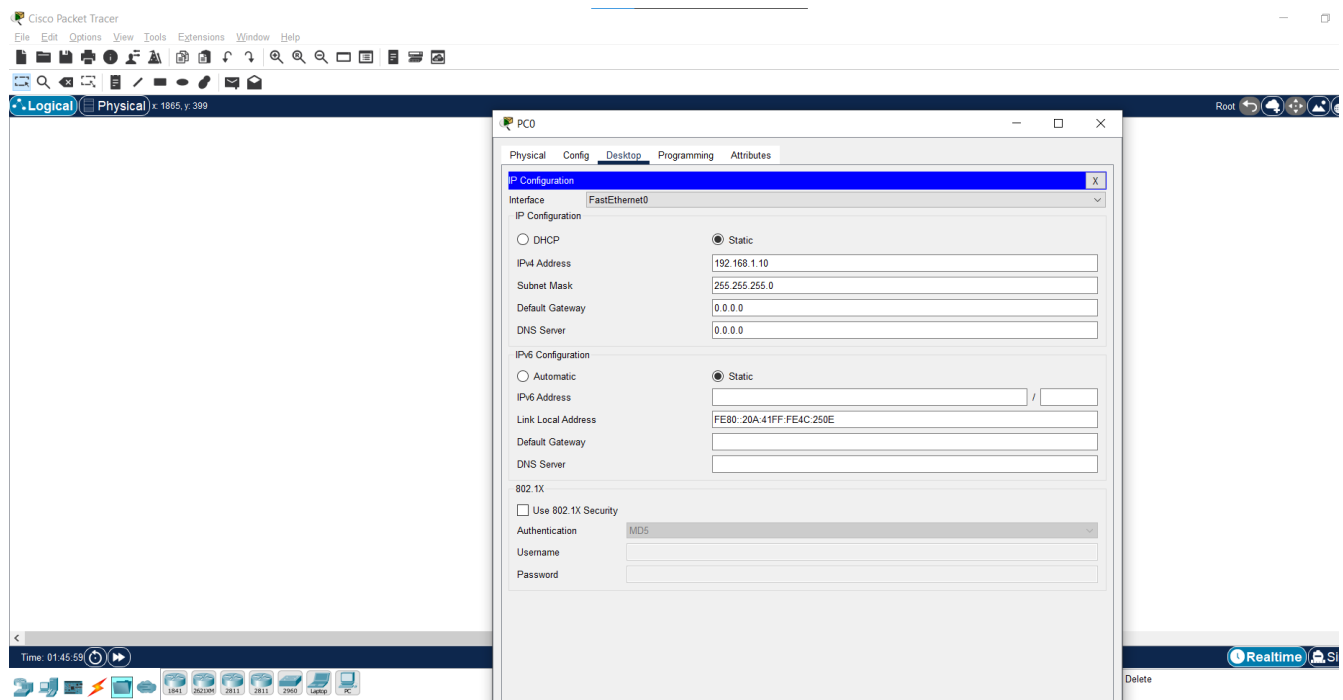


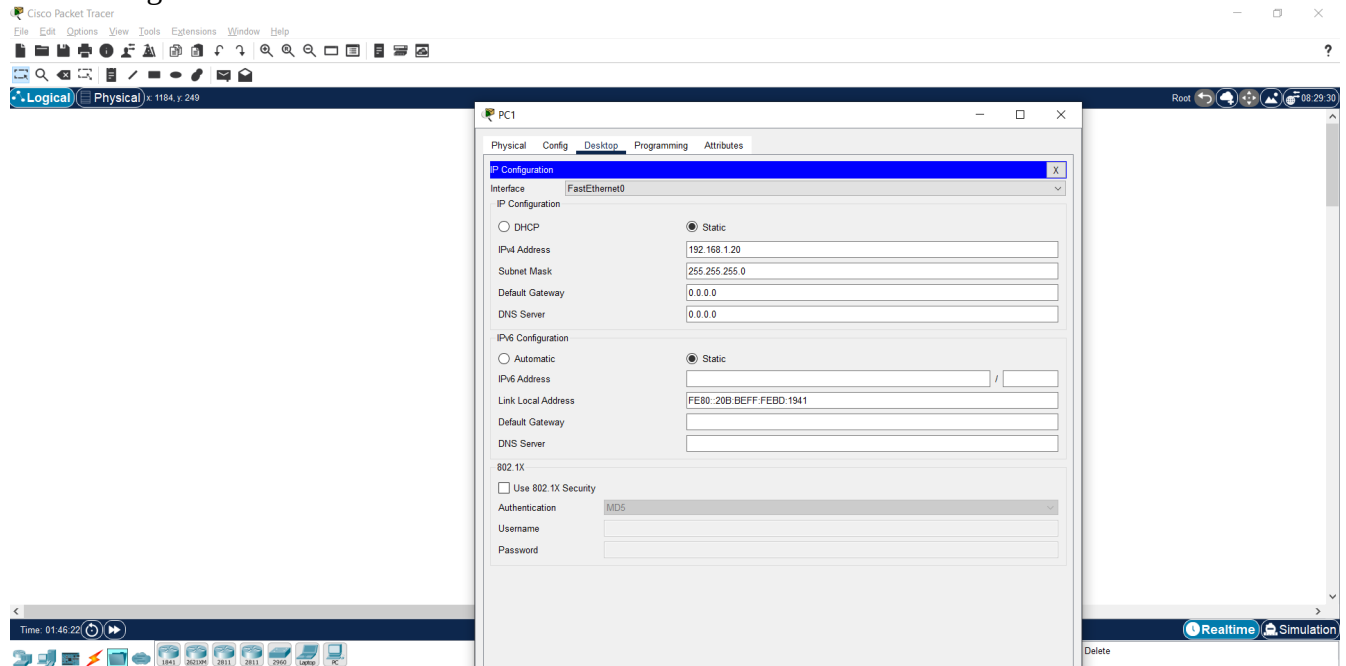
# Setup



## PC0 Config



## PC1 Config



The image shows the Cisco Packet Tracer interface with the PC1 configuration window open. The window has tabs for Physical, Config, Desktop, Programming, and Attributes. The Config tab is active, showing the IP Configuration section. The interface is titled 'PC1' and includes a toolbar at the top with various icons. The bottom status bar shows the time as 01:46:22 and the simulation mode as Realtime.

Physical Config Desktop Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address 192.168.1.20

Subnet Mask 255.255.255.0

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address

Link Local Address FE80::20B:BEFF:FE8D:1941

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

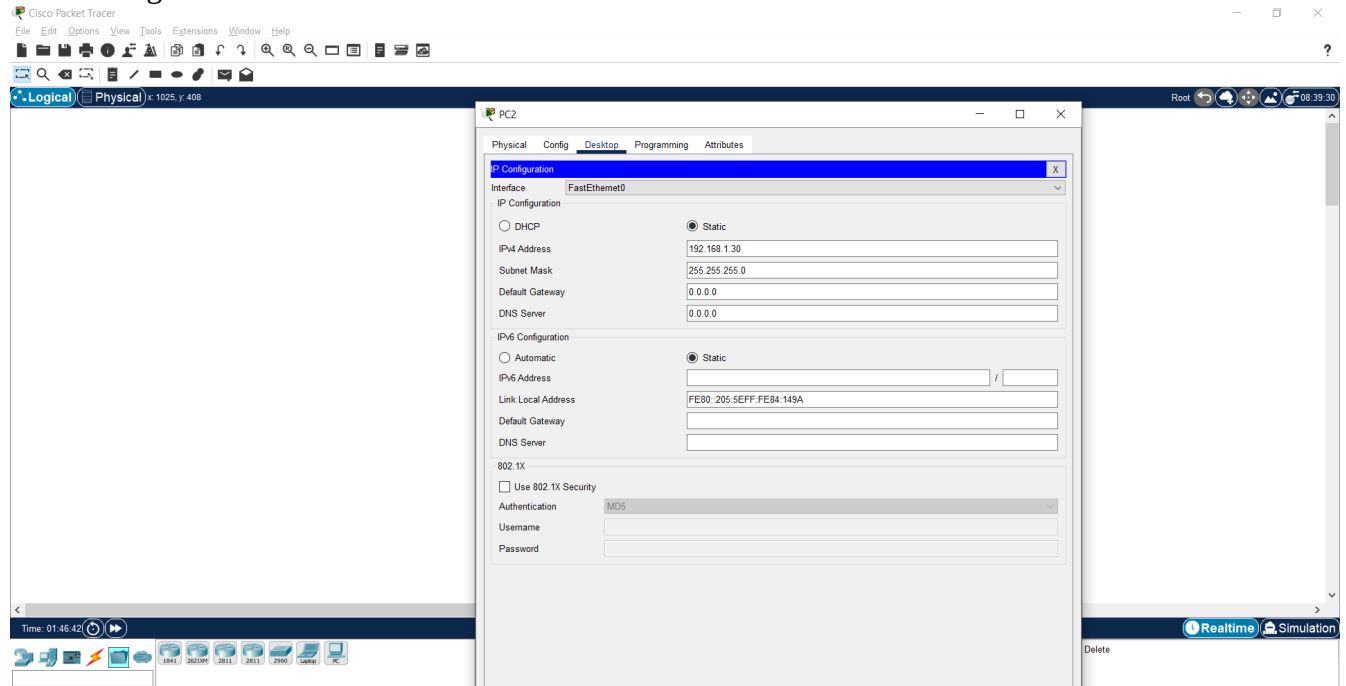
Username

Password

Time: 01:46:22

Realtime Simulation

## PC2 Config



The image shows the Cisco Packet Tracer interface with the PC2 configuration window open. The window has tabs for Physical, Config, Desktop, Programming, and Attributes. The Config tab is active, showing the IP Configuration section. The interface is titled 'PC2' and includes a toolbar at the top with various icons. The bottom status bar shows the time as 01:46:42 and the simulation mode as Realtime.

Physical Config Desktop Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address 192.168.1.30

Subnet Mask 255.255.255.0

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address

Link Local Address FE80::205:5EFF:FE84:149A

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

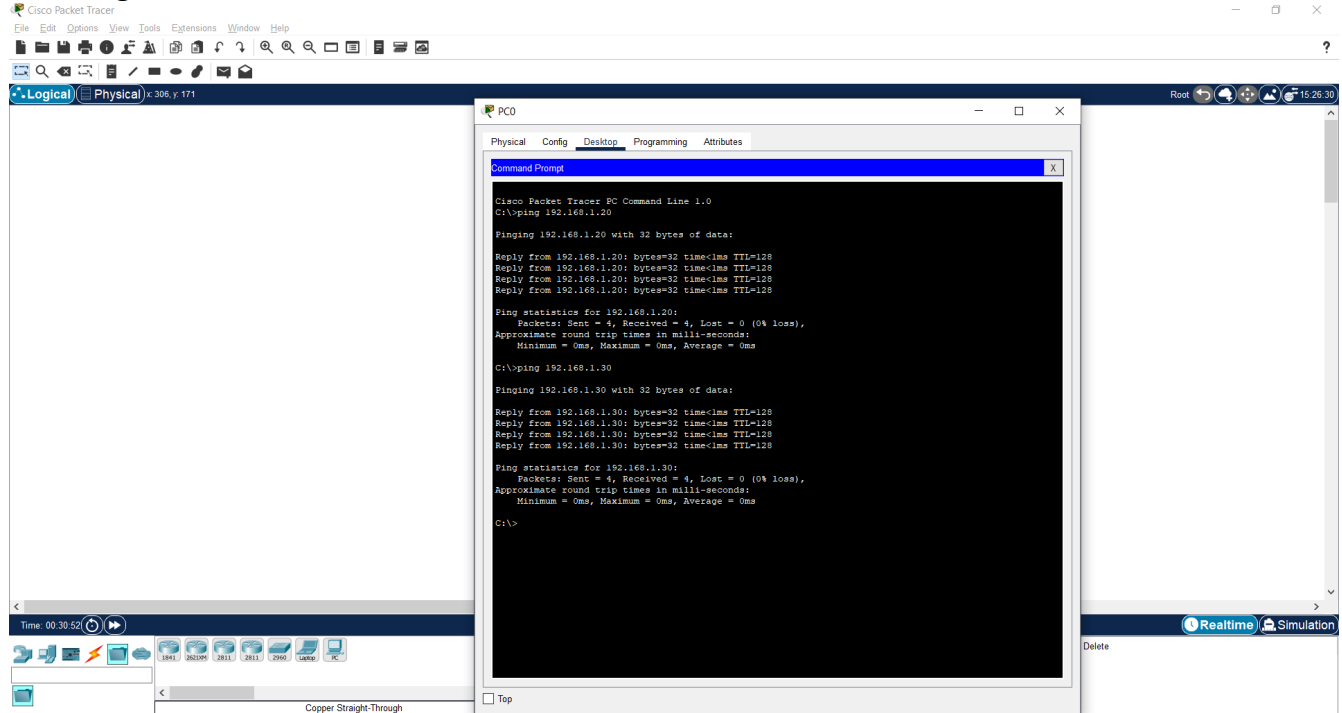
Username

Password

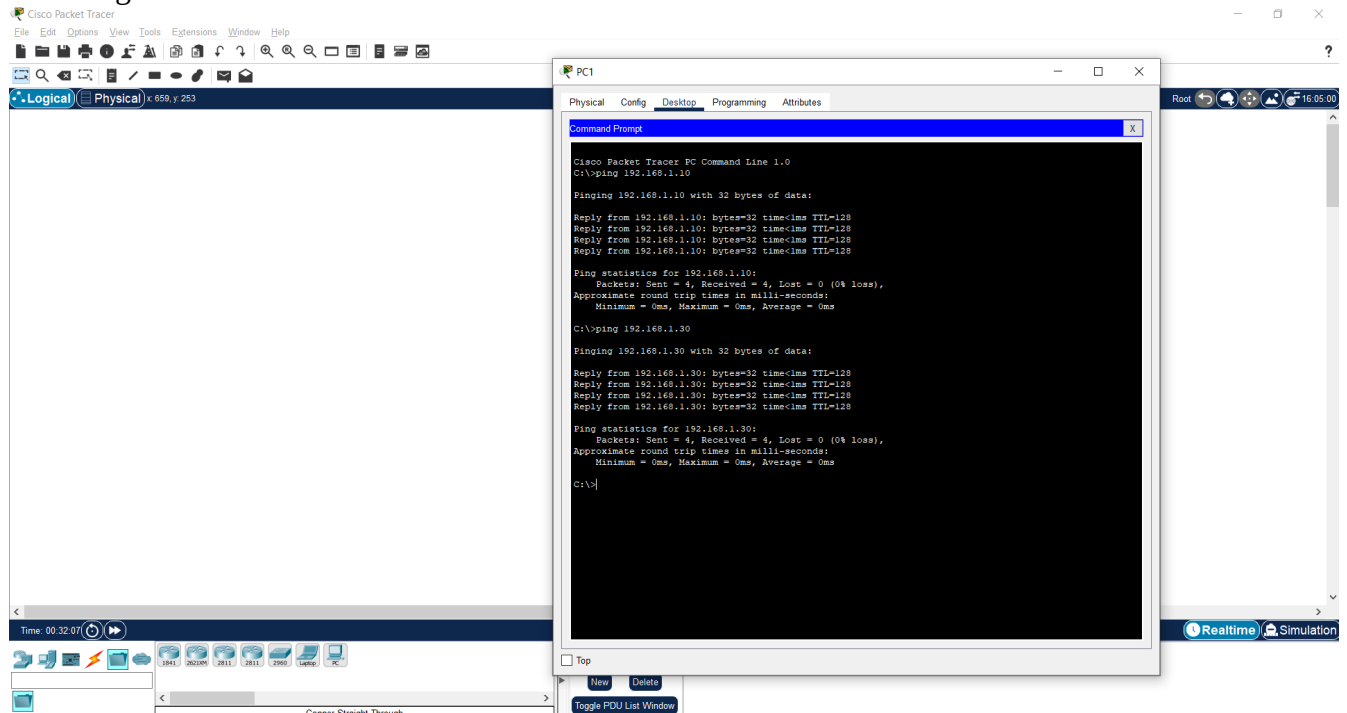
Time: 01:46:42

Realtime Simulation

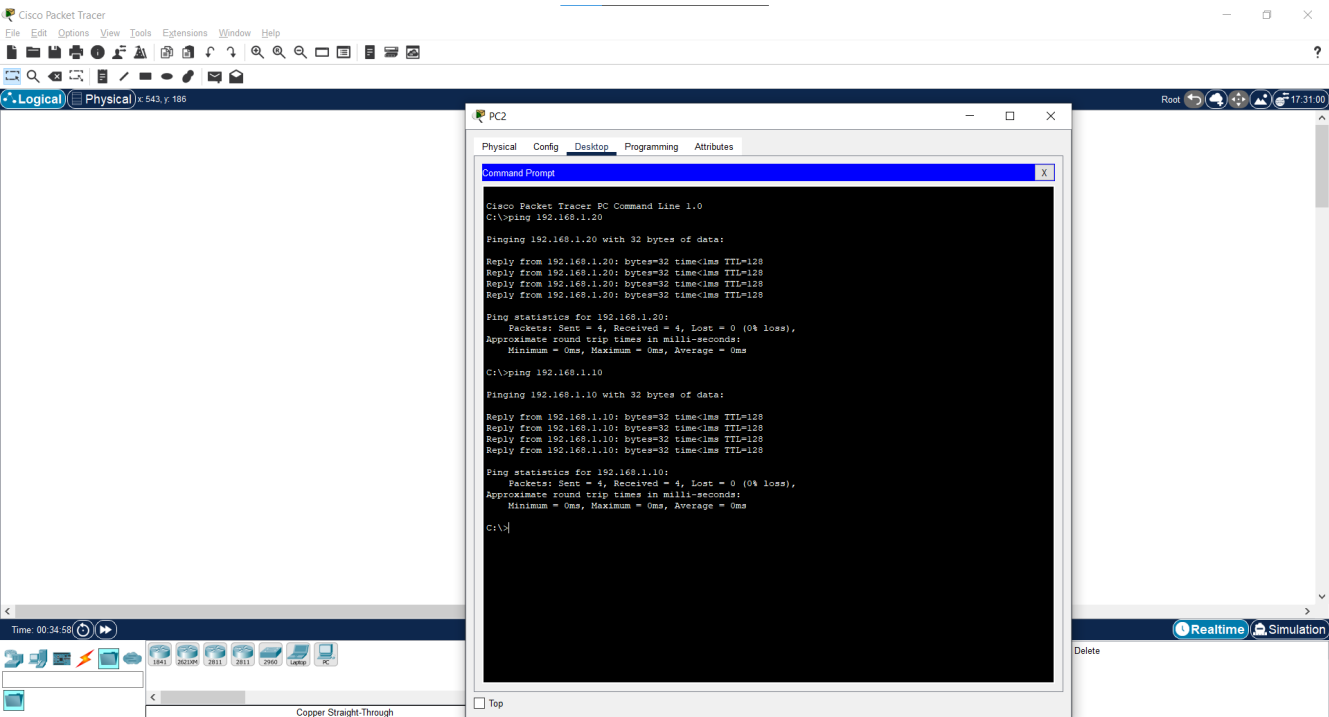
## PC0 Ping



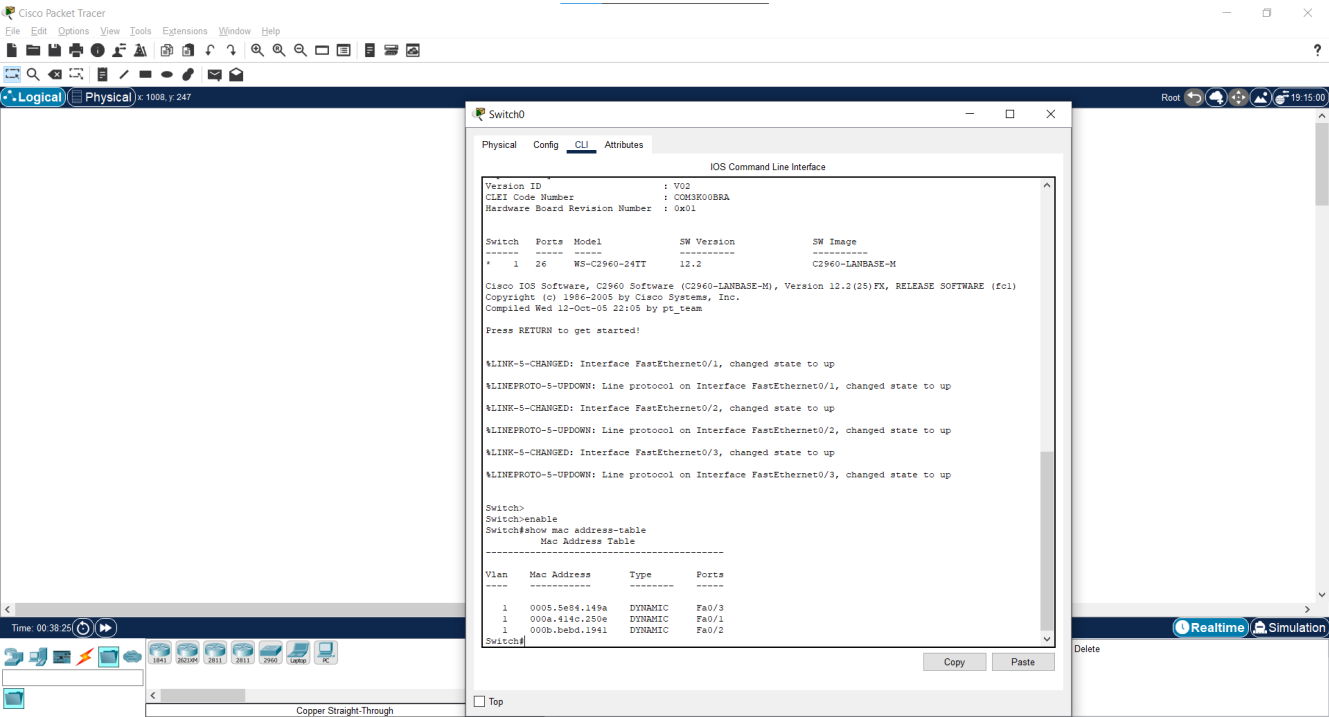
## PC1 Ping



# PC2 Ping



# MAC Table



# Capture using Wireshark

Wi-Fi

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

icmp

No.	Time	Source	Destination	Protocol	Length	Info
34	3.868182	192.168.0.107	8.8.8.8	ICMP	74	Echo (ping) request id=0x0001, seq=9/2304, ttl=128 (reply in 35)
35	3.871021	8.8.8.8	192.168.0.107	ICMP	74	Echo (ping) reply id=0x0001, seq=9/2304, ttl=118 (request in 34)
39	4.883499	192.168.0.107	8.8.8.8	ICMP	74	Echo (ping) request id=0x0001, seq=10/2560, ttl=128 (reply in 40)
40	4.886276	8.8.8.8	192.168.0.107	ICMP	74	Echo (ping) reply id=0x0001, seq=10/2560, ttl=118 (request in 39)
48	5.898983	192.168.0.107	8.8.8.8	ICMP	74	Echo (ping) request id=0x0001, seq=11/2816, ttl=128 (reply in 49)
49	5.901744	8.8.8.8	192.168.0.107	ICMP	74	Echo (ping) reply id=0x0001, seq=11/2816, ttl=118 (request in 48)
56	6.907966	192.168.0.107	8.8.8.8	ICMP	74	Echo (ping) request id=0x0001, seq=12/3072, ttl=128 (reply in 57)
57	6.914432	8.8.8.8	192.168.0.107	ICMP	74	Echo (ping) reply id=0x0001, seq=12/3072, ttl=118 (request in 56)

Frame 57: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface \Device\NPF\_{51AE2C...}

Ethernet II, Src: TplinkTechno\_d1:02:50 (b0:95:75:d1:02:50), Dst: Intel\_d5:b2:db (e0:9d:31:d5:b2:db)

Destination: Intel\_d5:b2:db (e0:9d:31:d5:b2:db)

Source: TplinkTechno\_d1:02:50 (b0:95:75:d1:02:50)

Type: IPv4 (0x0800)

[Stream index: 2]

Internet Protocol Version 4, Src: 8.8.8.8, Dst: 192.168.0.107

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS3, ECN: Not-ECT)

Total Length: 60

Identification: 0x0000 (0)

000. .... = Flags: 0x0

...0 0000 0000 0000 = Fragment Offset: 0

Time to Live: 118

Protocol: ICMP (1)

Header Checksum: 0x733e [validation disabled]

[Header checksum status: Unverified]

Source Address: 8.8.8.8

Destination Address: 192.168.0.107

[Stream index: 3]

0000 e0 9d 31 d5 b2 db b0 95 75 d1 02 50 08 00 45 60 ..1..... u..P..E

0010 00 3c 00 00 00 00 76 01 73 3e 08 08 08 08 c0 a8 <....v. s>.....

0020 00 0b 00 00 55 4f 00 01 00 0c 61 62 63 64 65 66 A-..UO... abcdef

0030 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 ghijklmn opqrstuv

0040 77 61 62 63 64 65 66 67 68 69 wabcdefg hi

Frame (frame), 74 bytes

Packets: 158 - Displayed: 8 (5.1%) - Dropped: 0 (0.0%)

Profile: Default