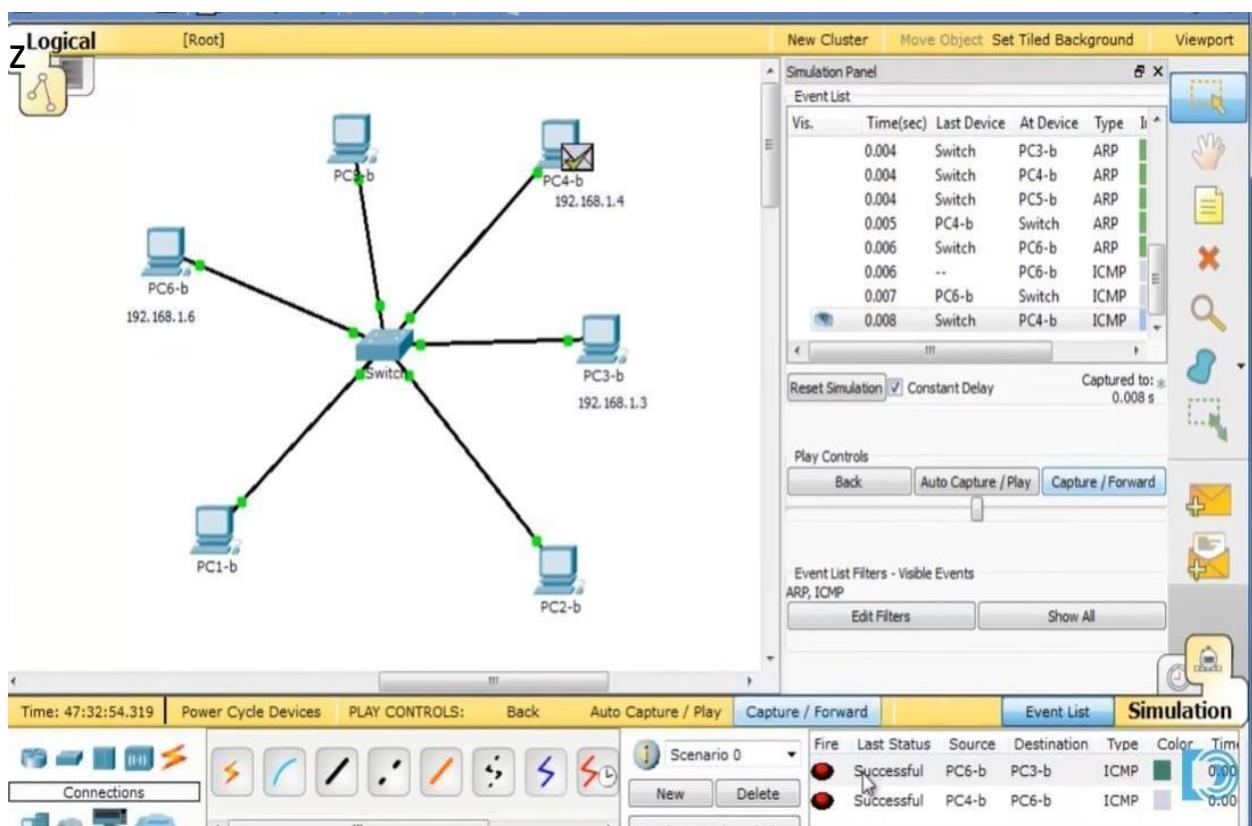
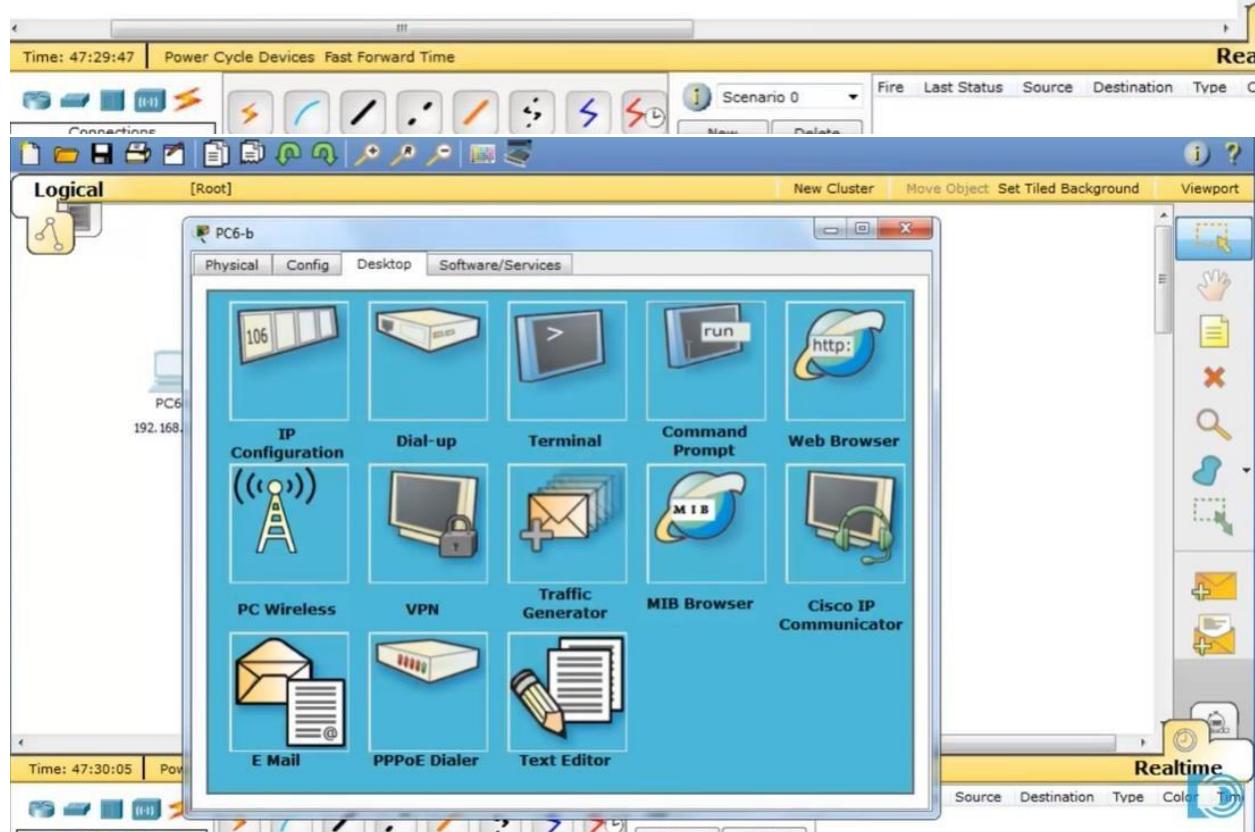
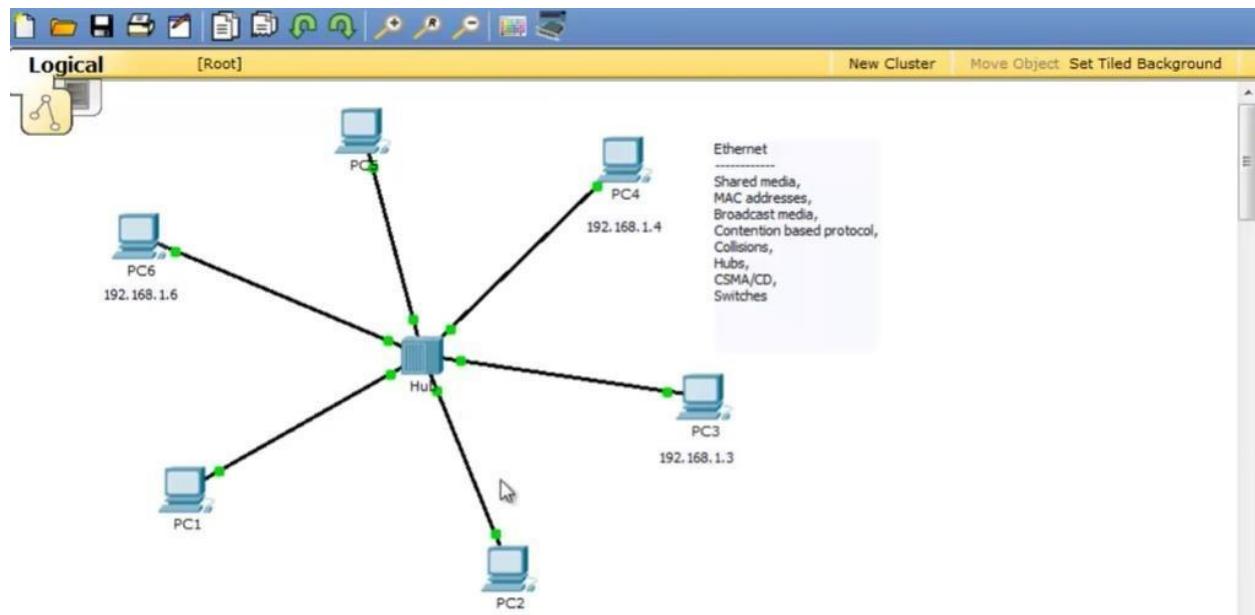
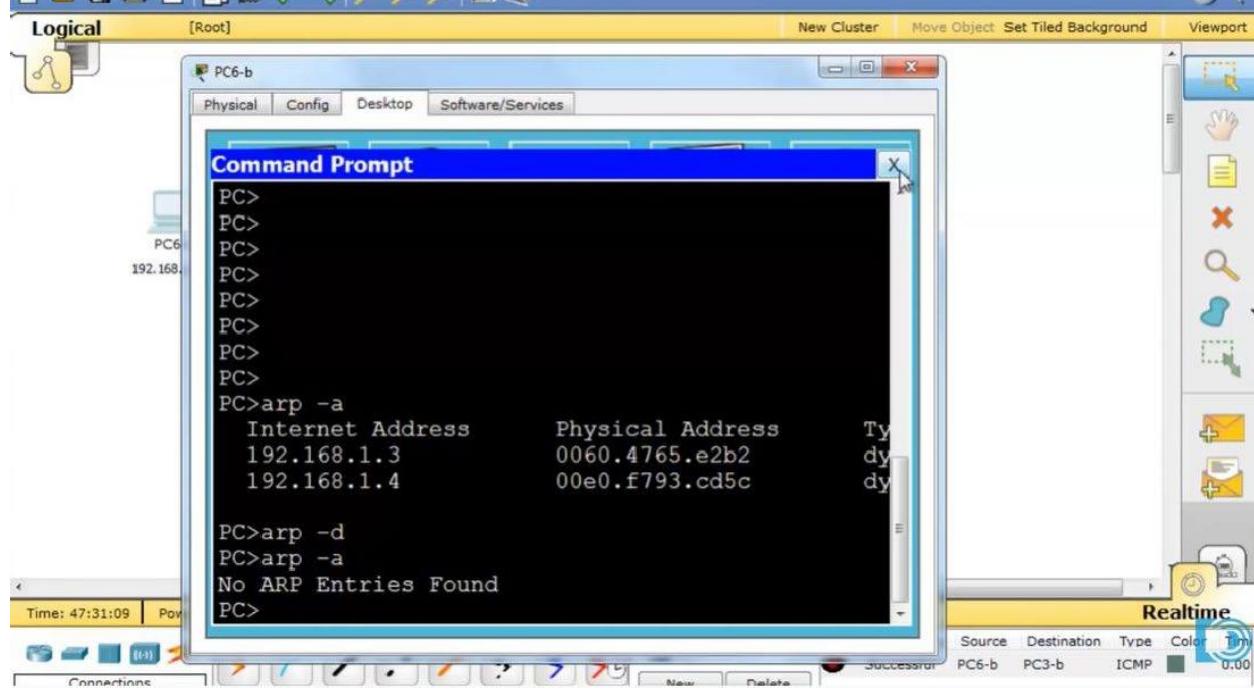
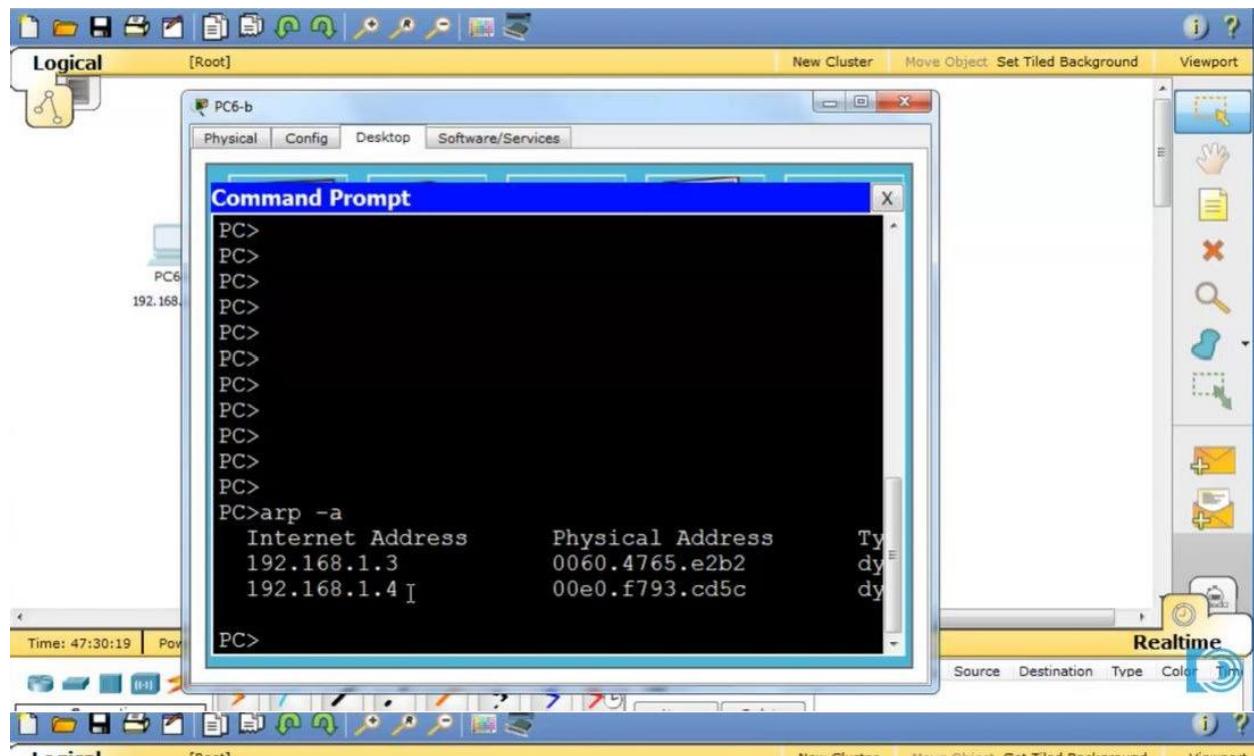
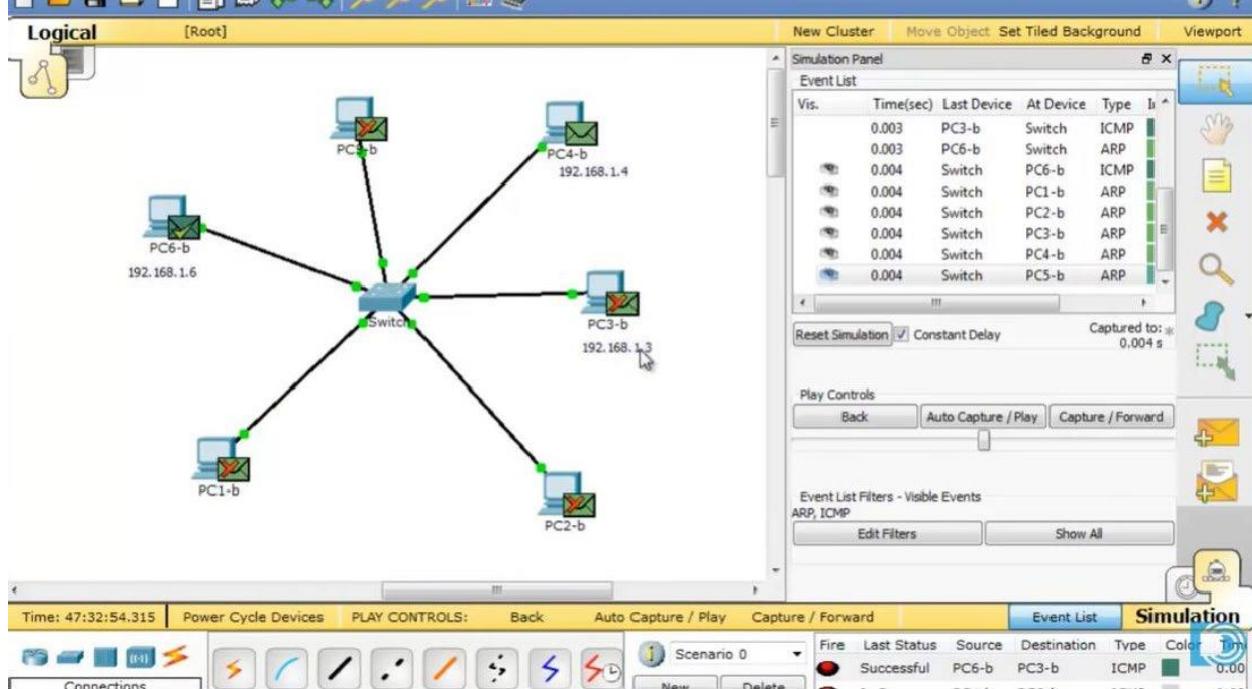
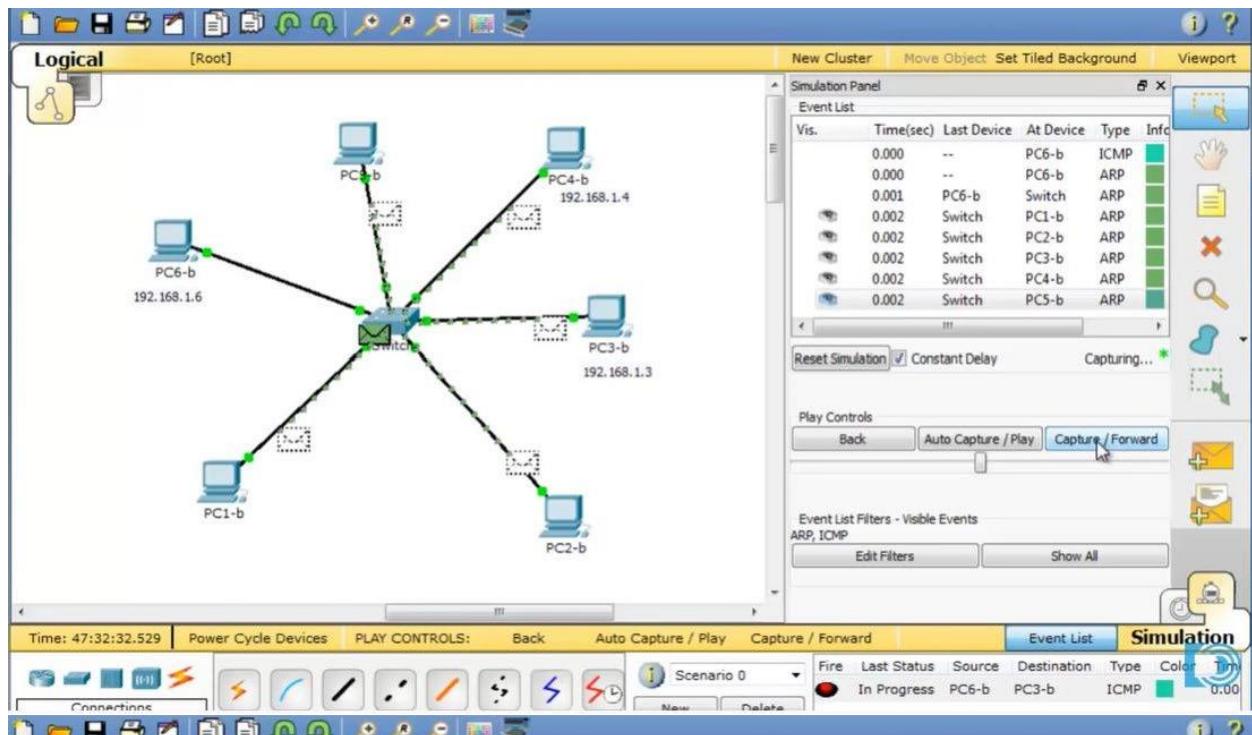


# 1. Configurations Of Network Devices





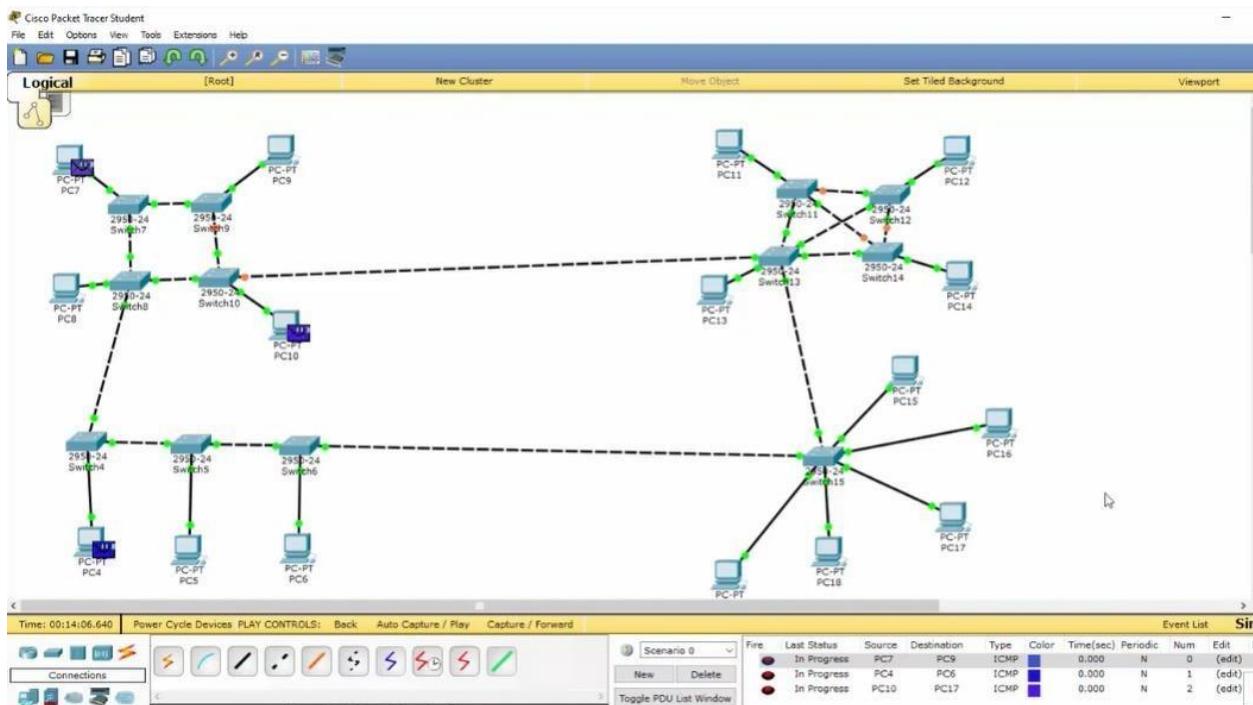


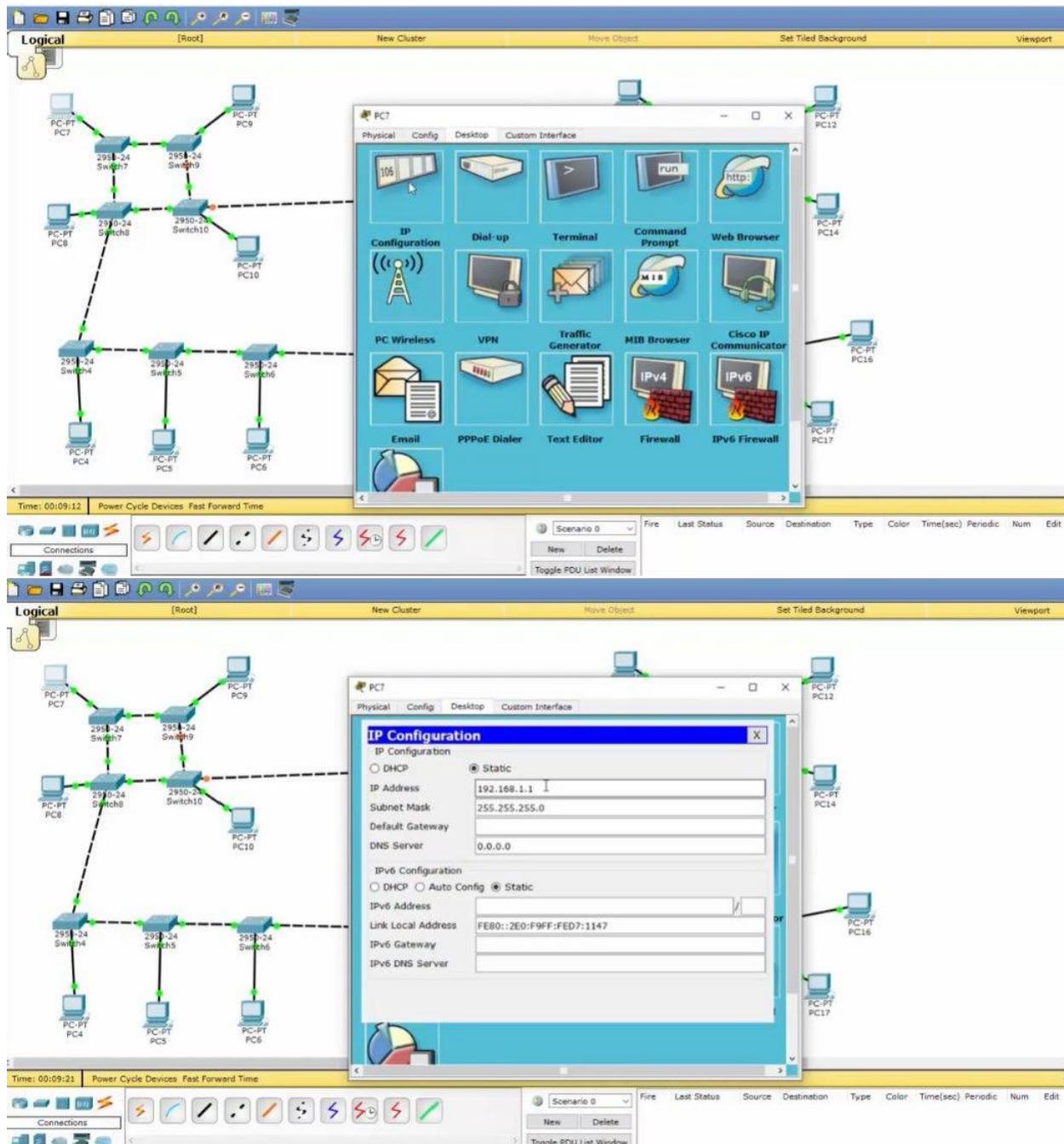


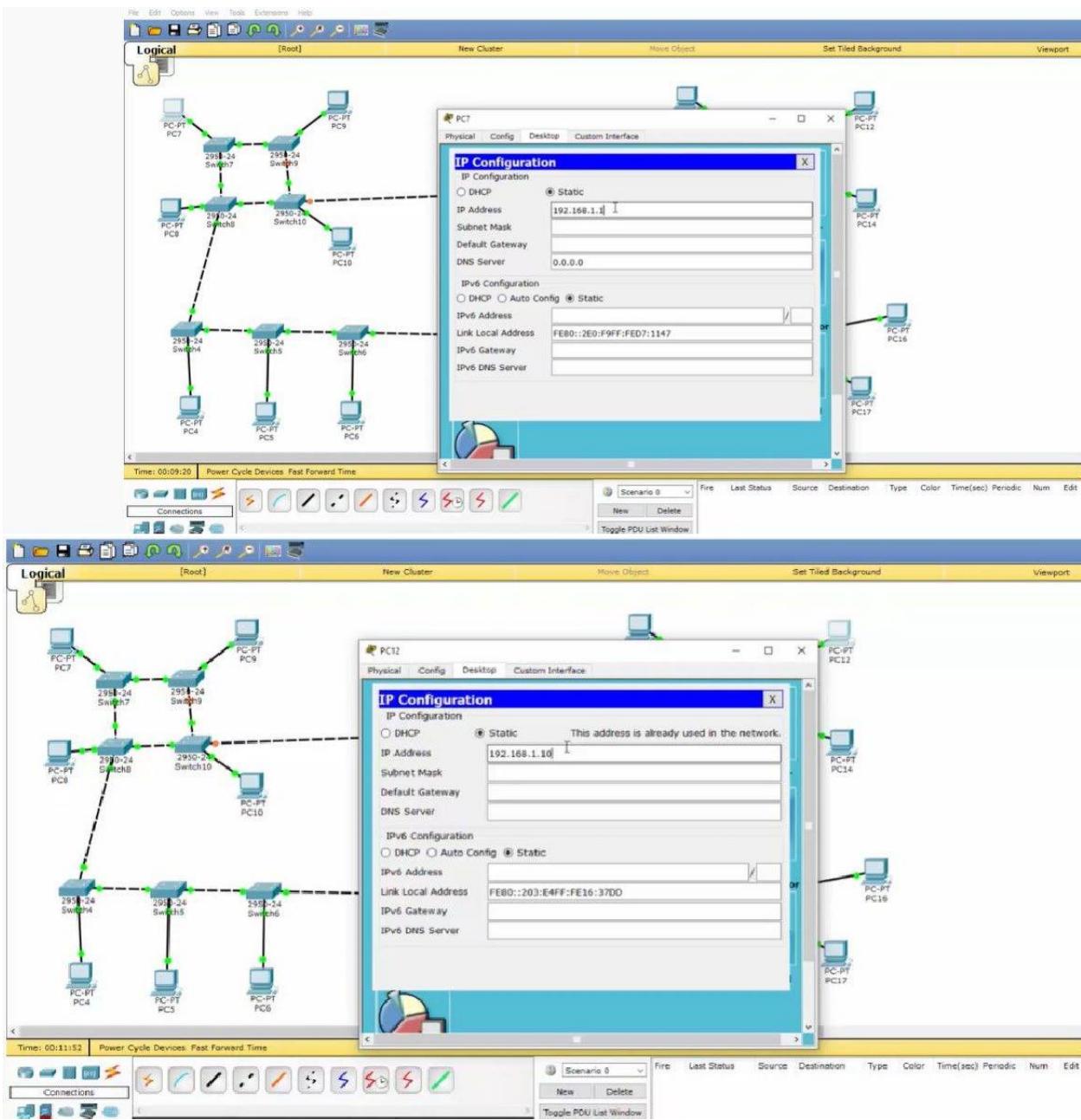
# 2&3.Configuration Of

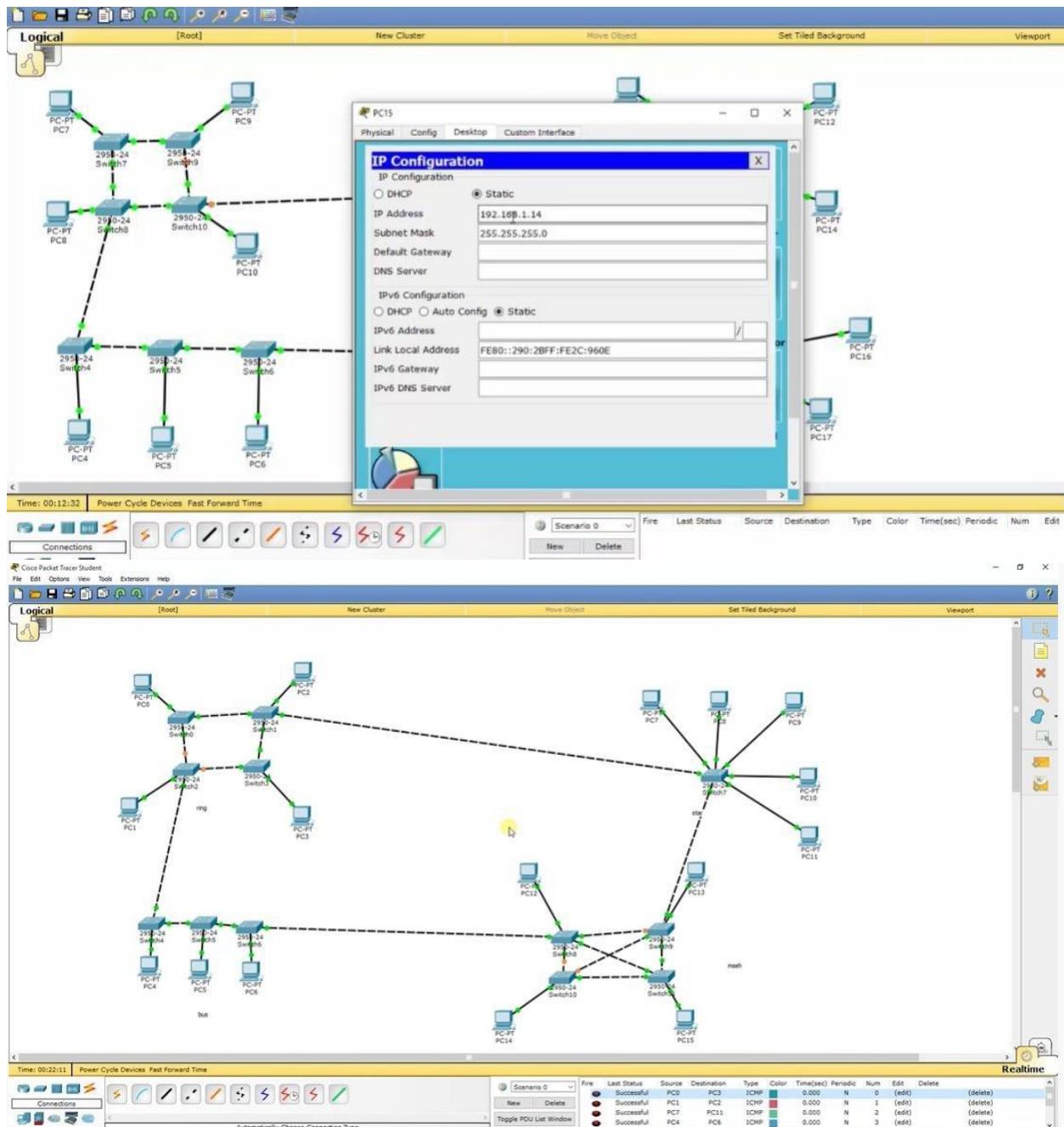
## Topologies using Packet Tracer

### Tracer

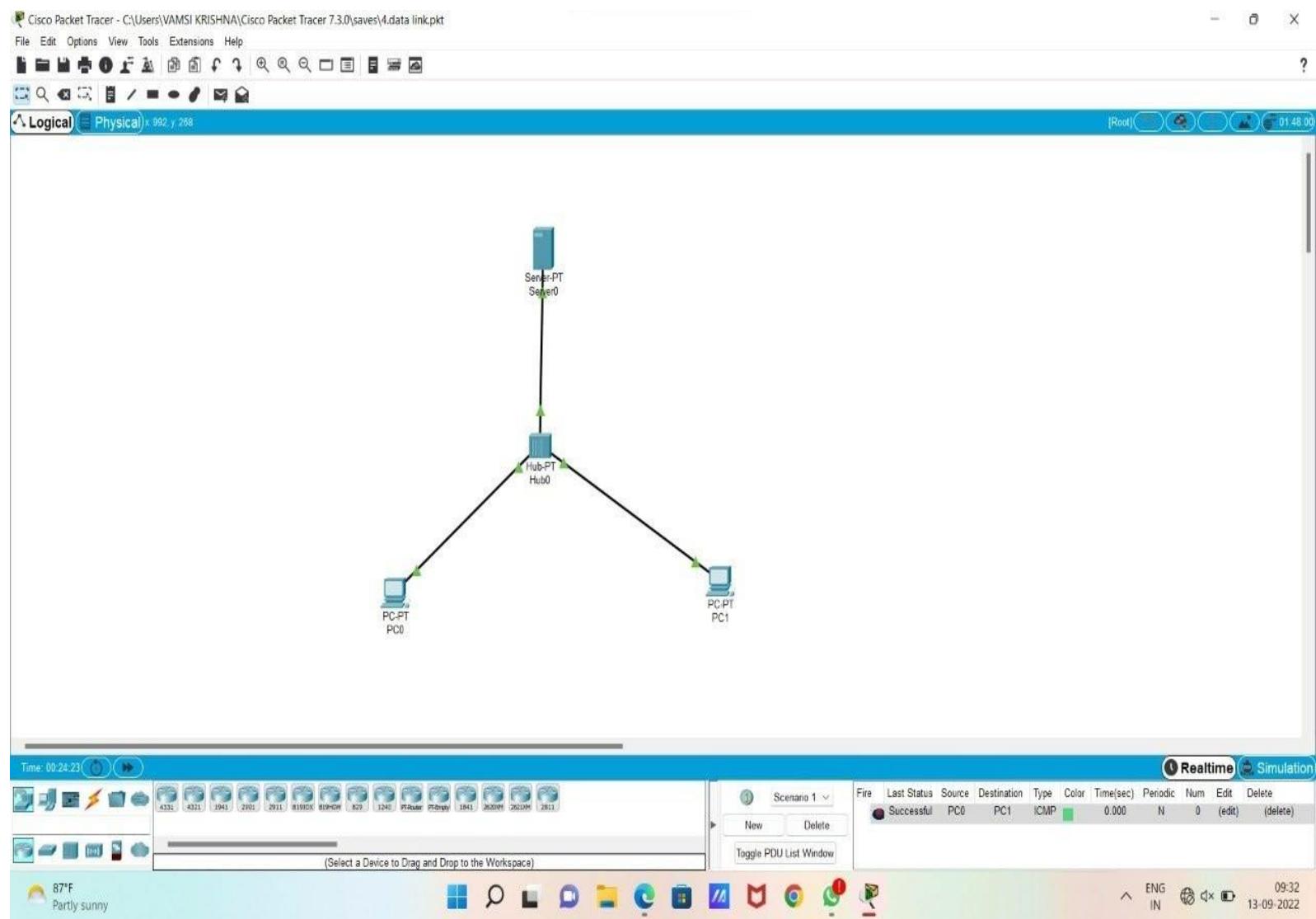






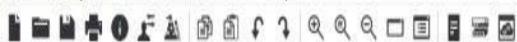


# 4. Data link layer traffic simulation using packet tracer

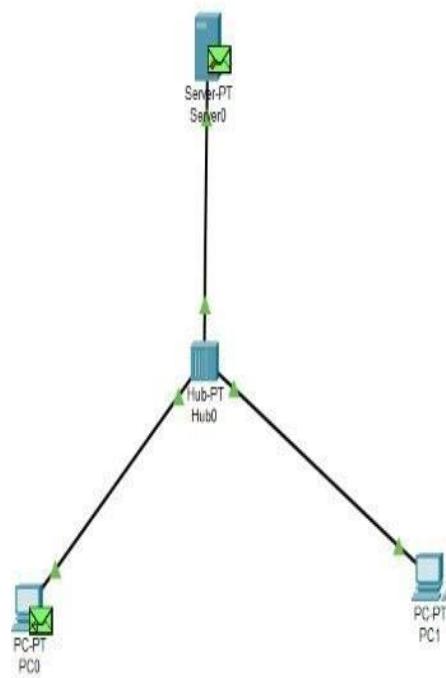


## Cisco Packet Tracer - C:\Users\VAMSI KRISHNA\Cisco Packet Tracer 7.3.0\saves\4.data link.pkt

File Edit Options View Tools Extensions Help


 Logical  Physical x 850, y 710

[Root] 01:53:00



## Simulation Panel

## Event List

Vis.	Time(sec)	Last Device	At Device	Type
	0.000	-	PC0	ICMP
	0.001	PC0	Hub0	ICMP
	0.002	Hub0	PC1	ICMP
	0.002	Hub0	Server0	ICMP
	0.003	PC1	Hub0	ICMP
Visible	0.004	Hub0	PC0	ICMP
Visible	0.004	Hub0	Server0	ICMP

Reset Simulation  Constant DelayCaptured to...  
420.848 s

## Play Controls



## Event List Filters - Visible Events

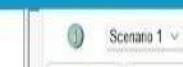
ACI, Filter, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DHCPv6, DNS, DTP, EAPOL, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPSec, ISAKMP, IoT, IoTTCP, LACP, LLDP, NDP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoED, PTP, RADIUS, REP, RIP, RIPng, RTP, SCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP

Edit Filters

Show All/None

Time: 00:08:24.692 PLAY CONTROLS

Event List Realtime Simulation



Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
Successful		PC0	PC1	ICMP	Green	0.000	N	0	(edit)	(delete)

Toggle PDU List Window

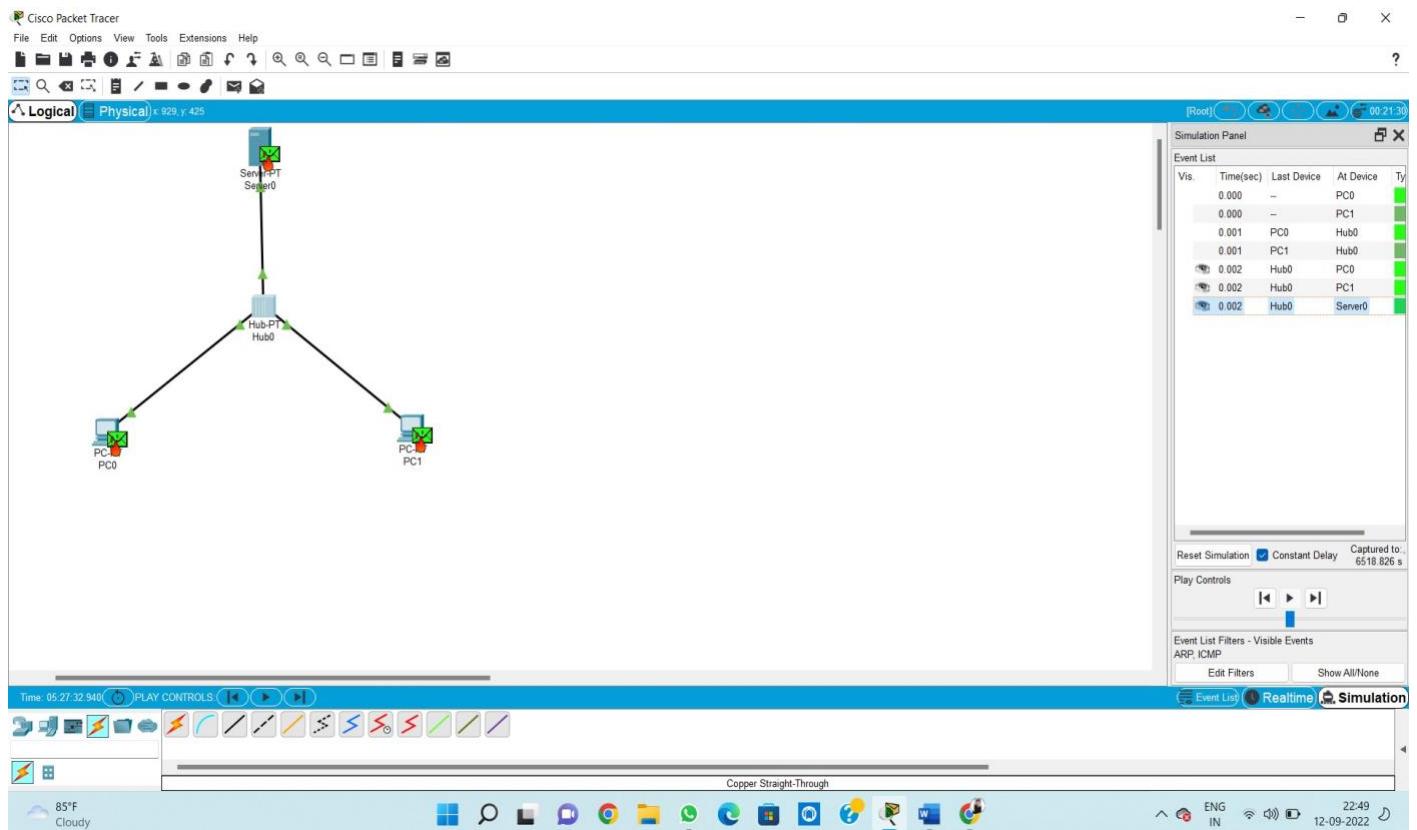
 87°F  
Partly sunny

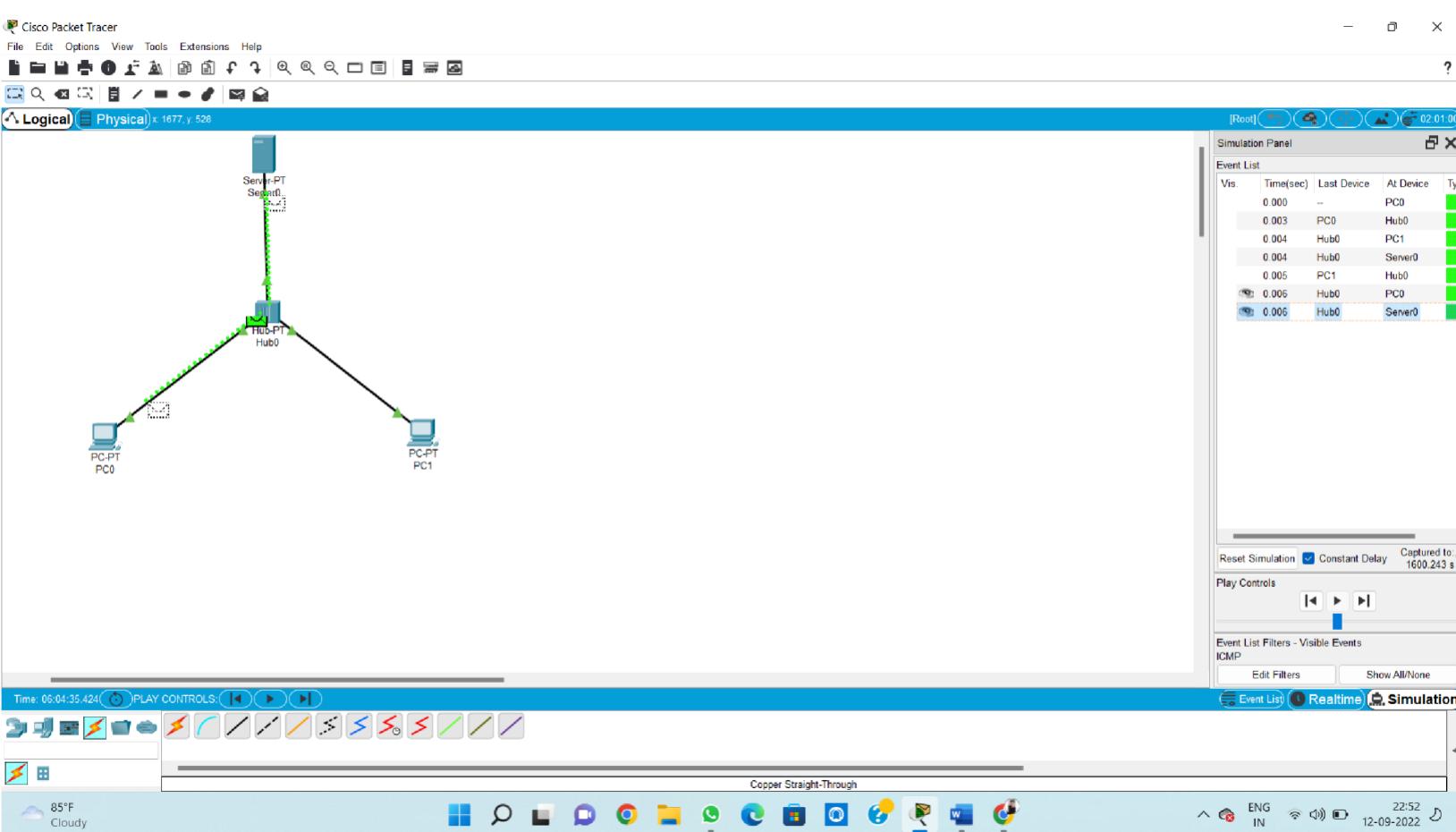
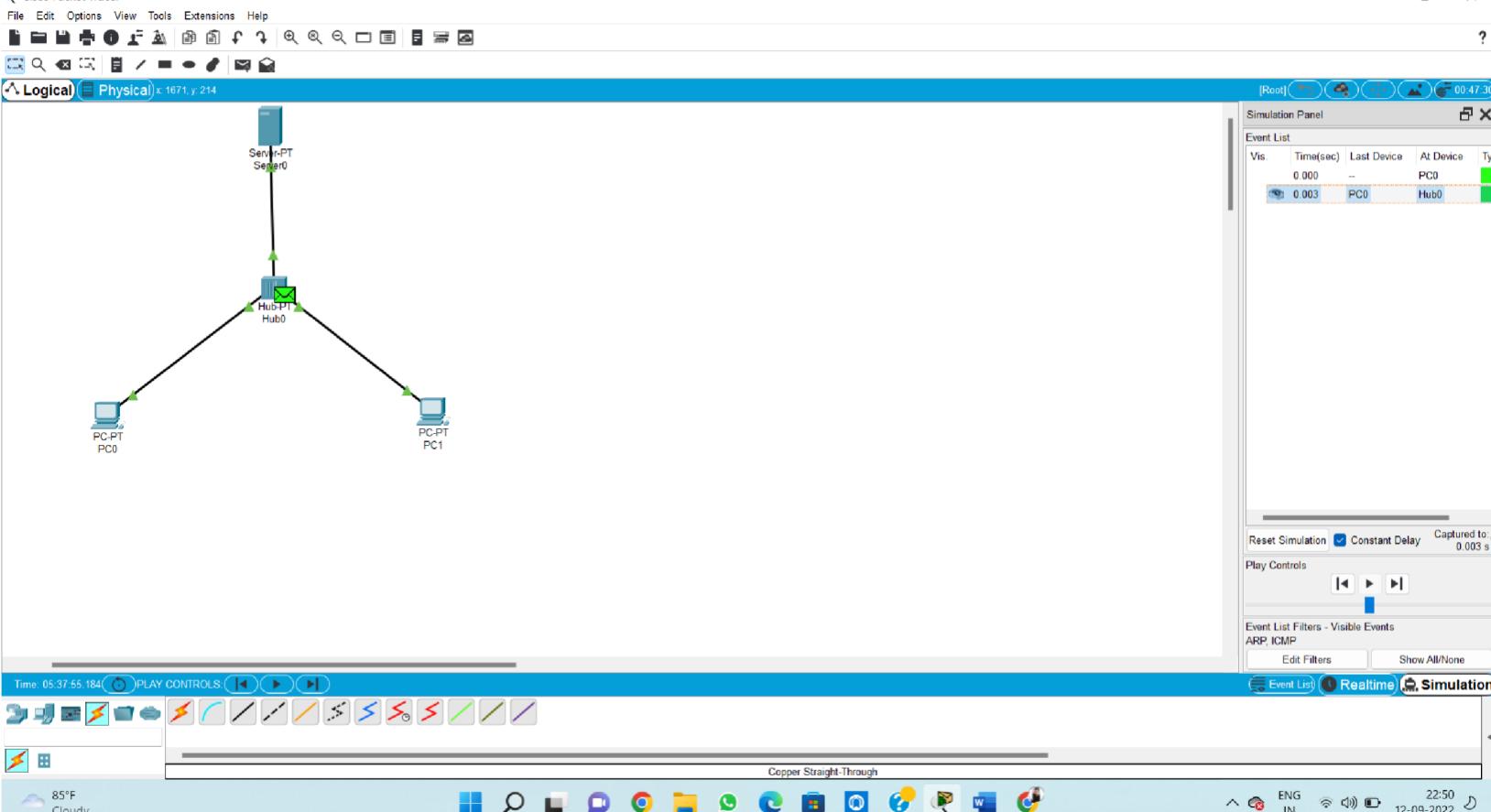

ENG IN 10:00 13-09-2022

# *5. Data link layer traffic*

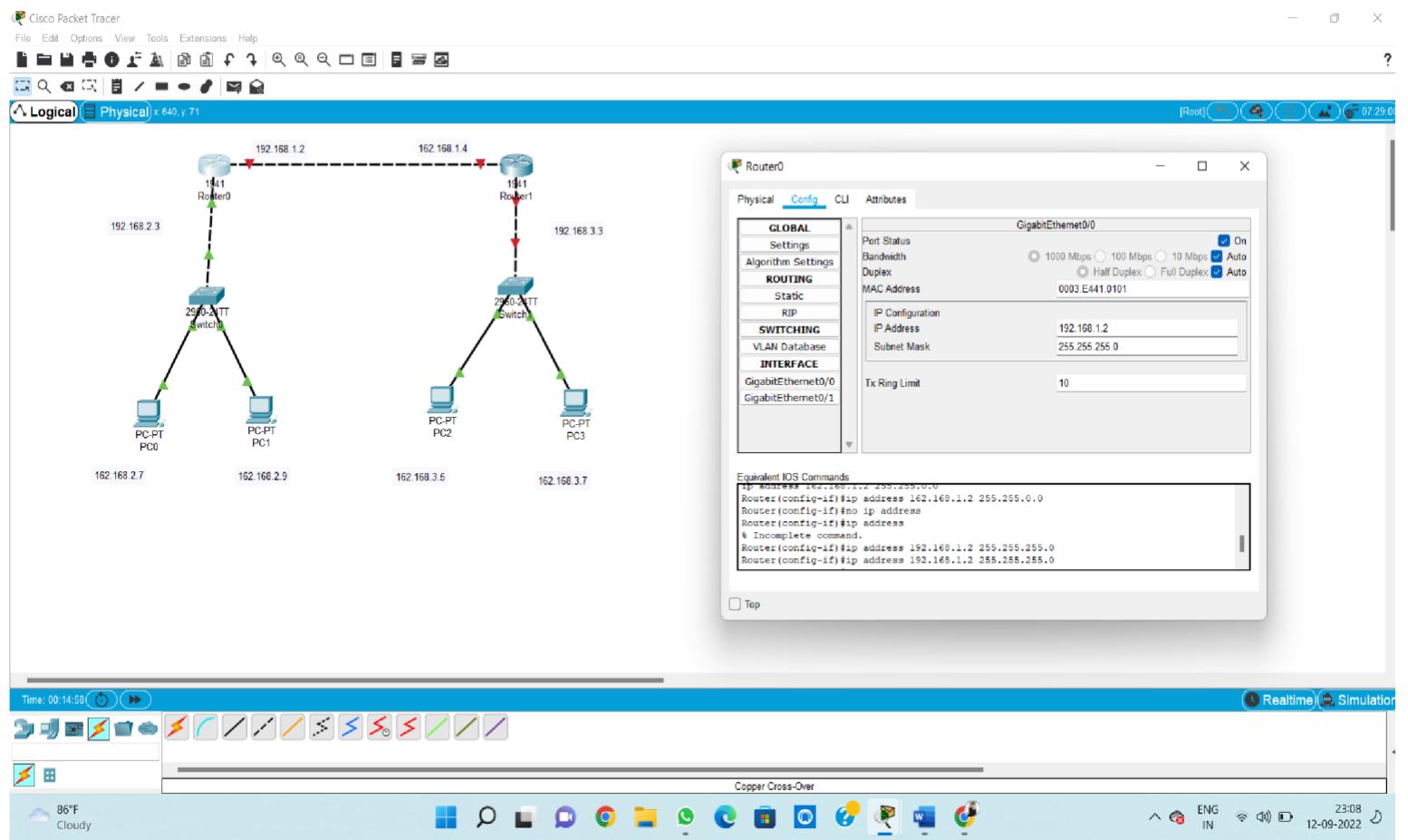
## *5. Data link layer traffic Simulation using packet tracer analysis of LLDP*

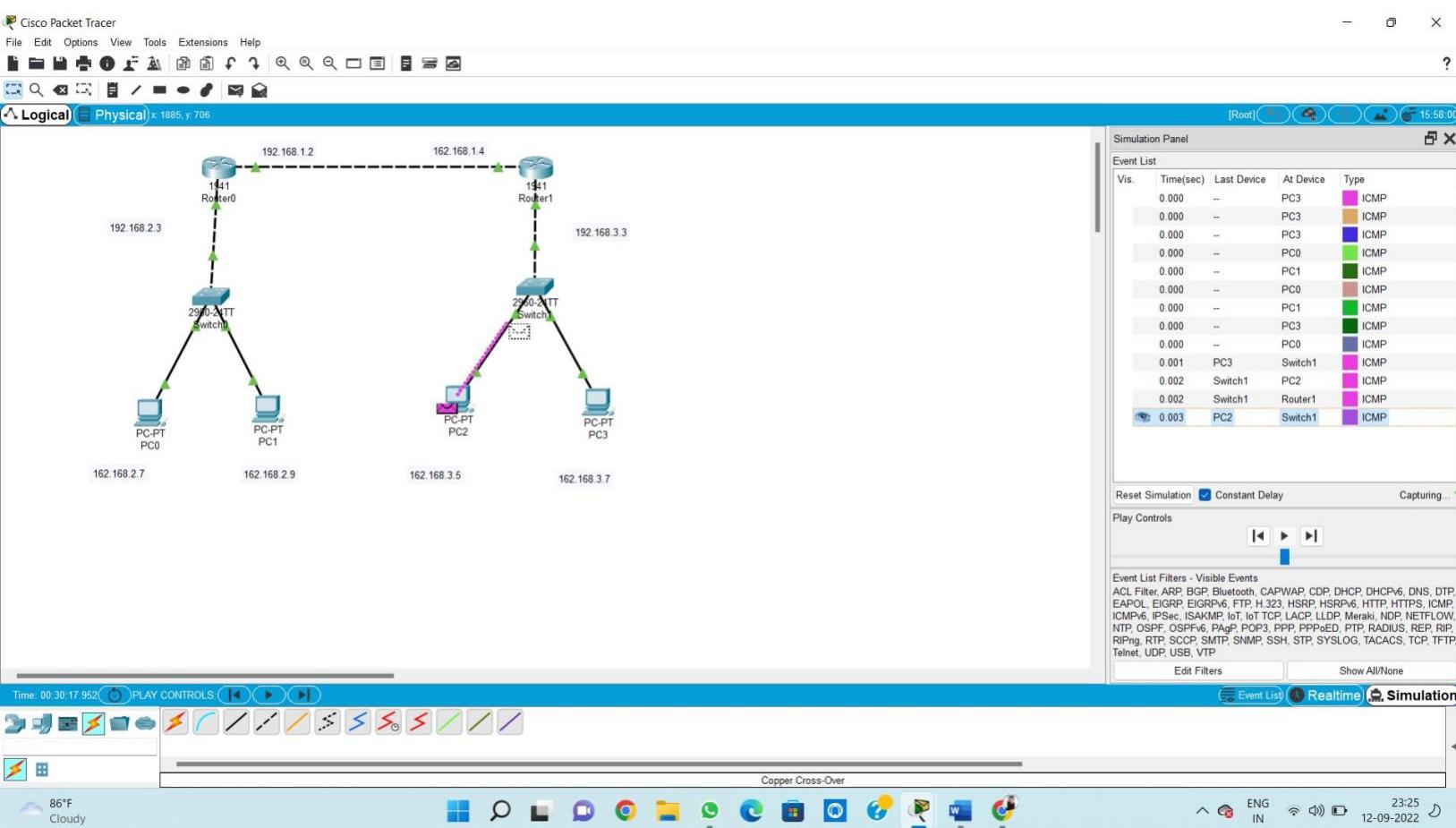
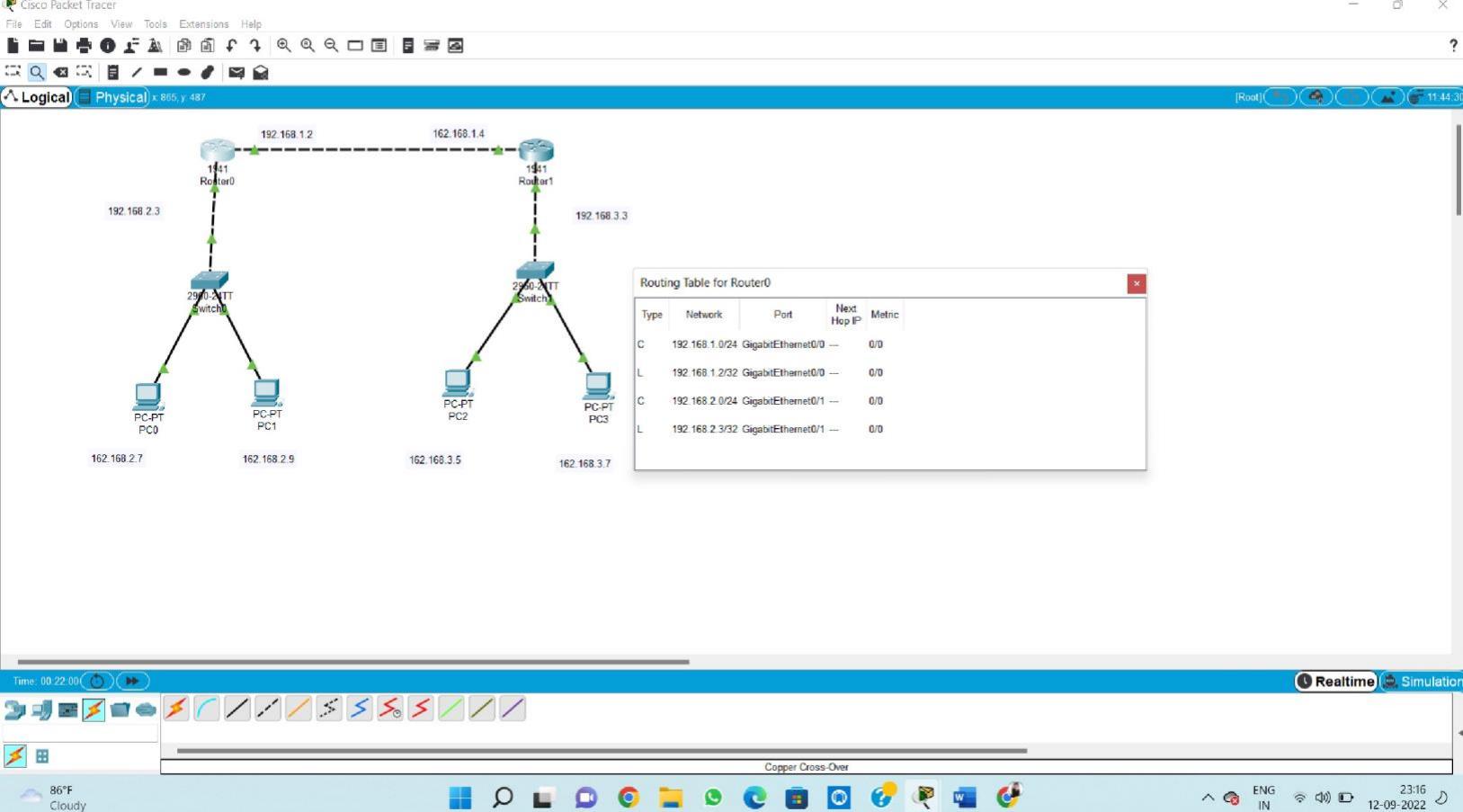
### *packet Tracer analysis of LLDP*



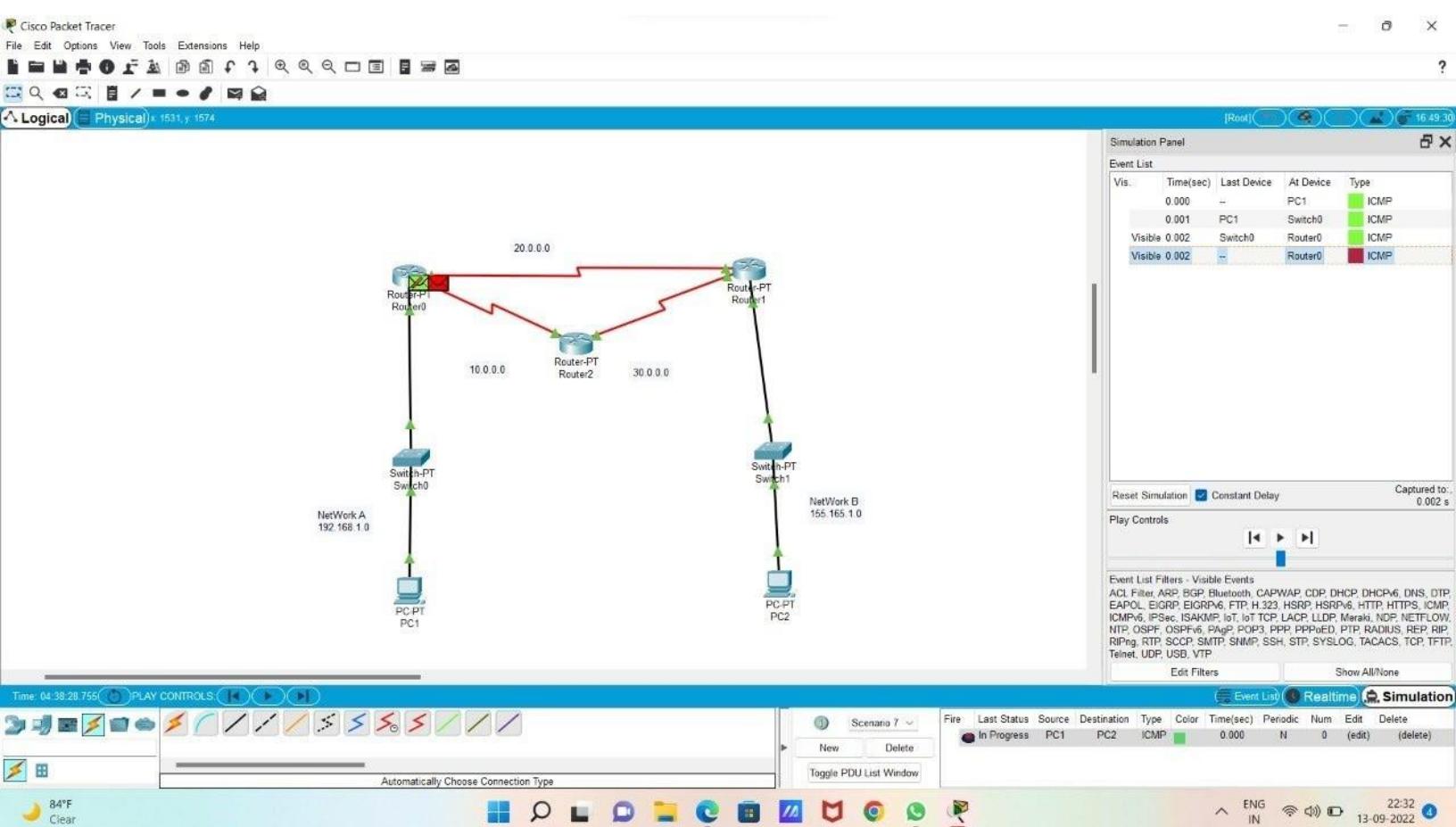


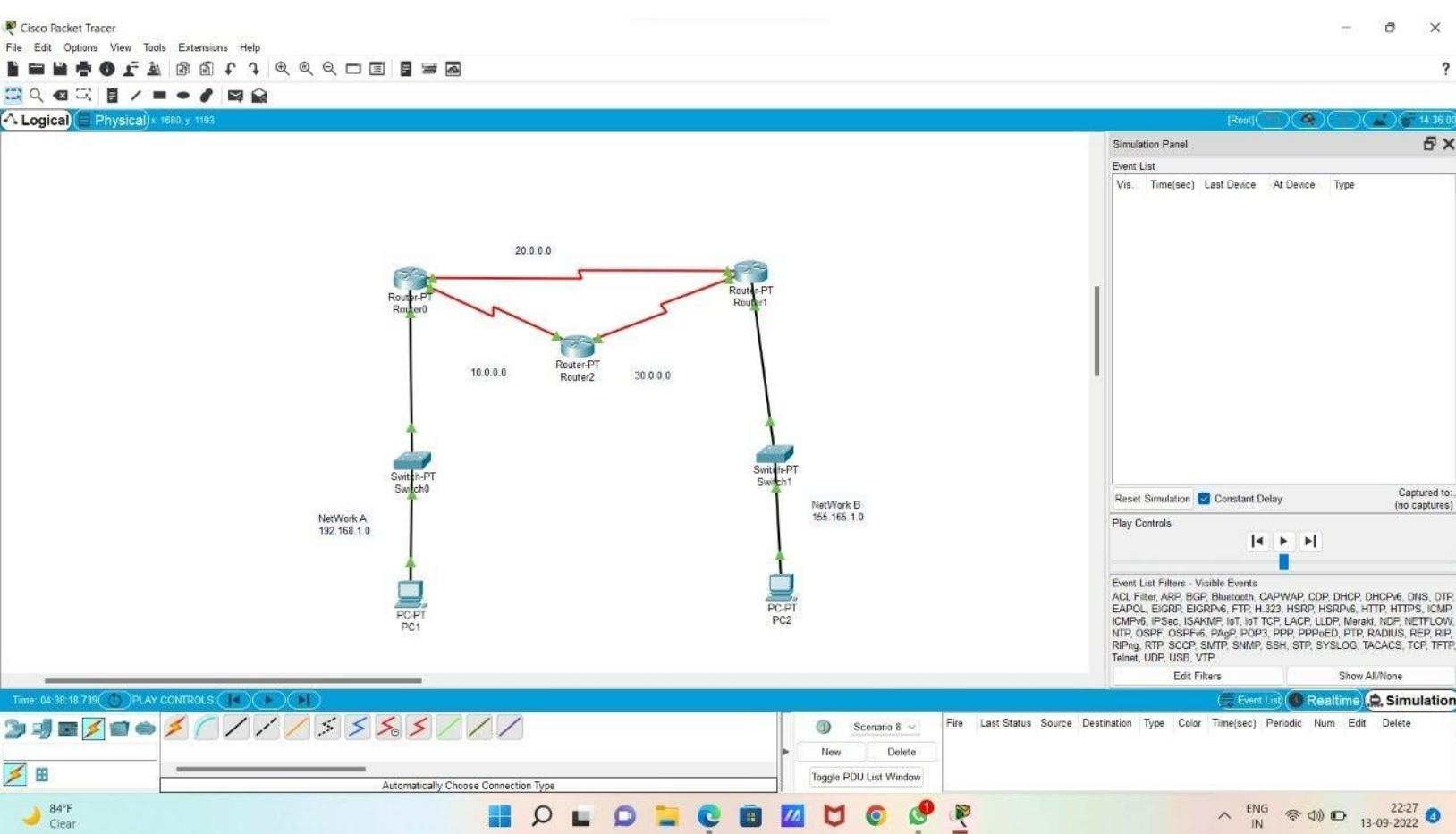
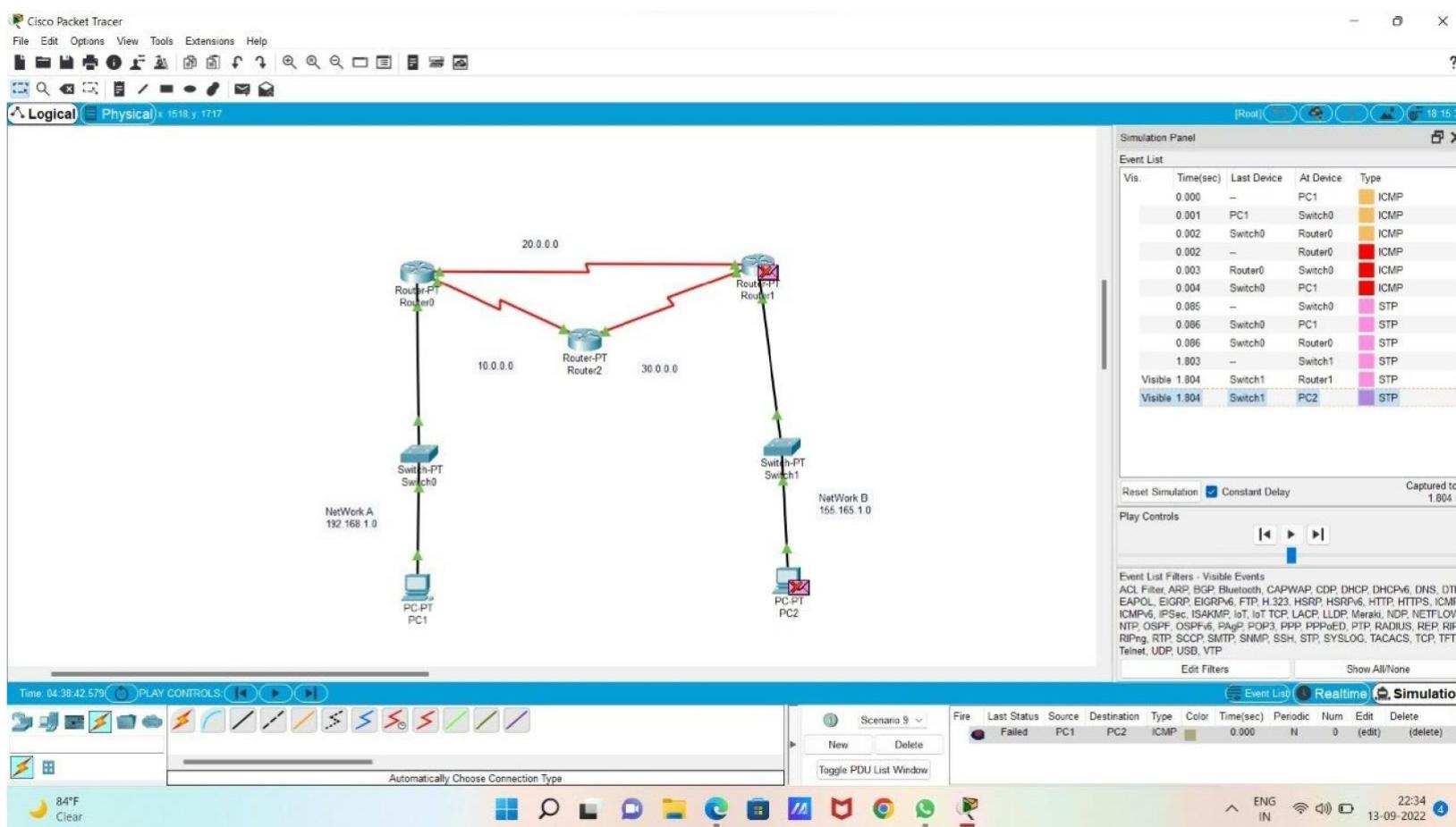
# 6. Static Routing Using Packet Tracer



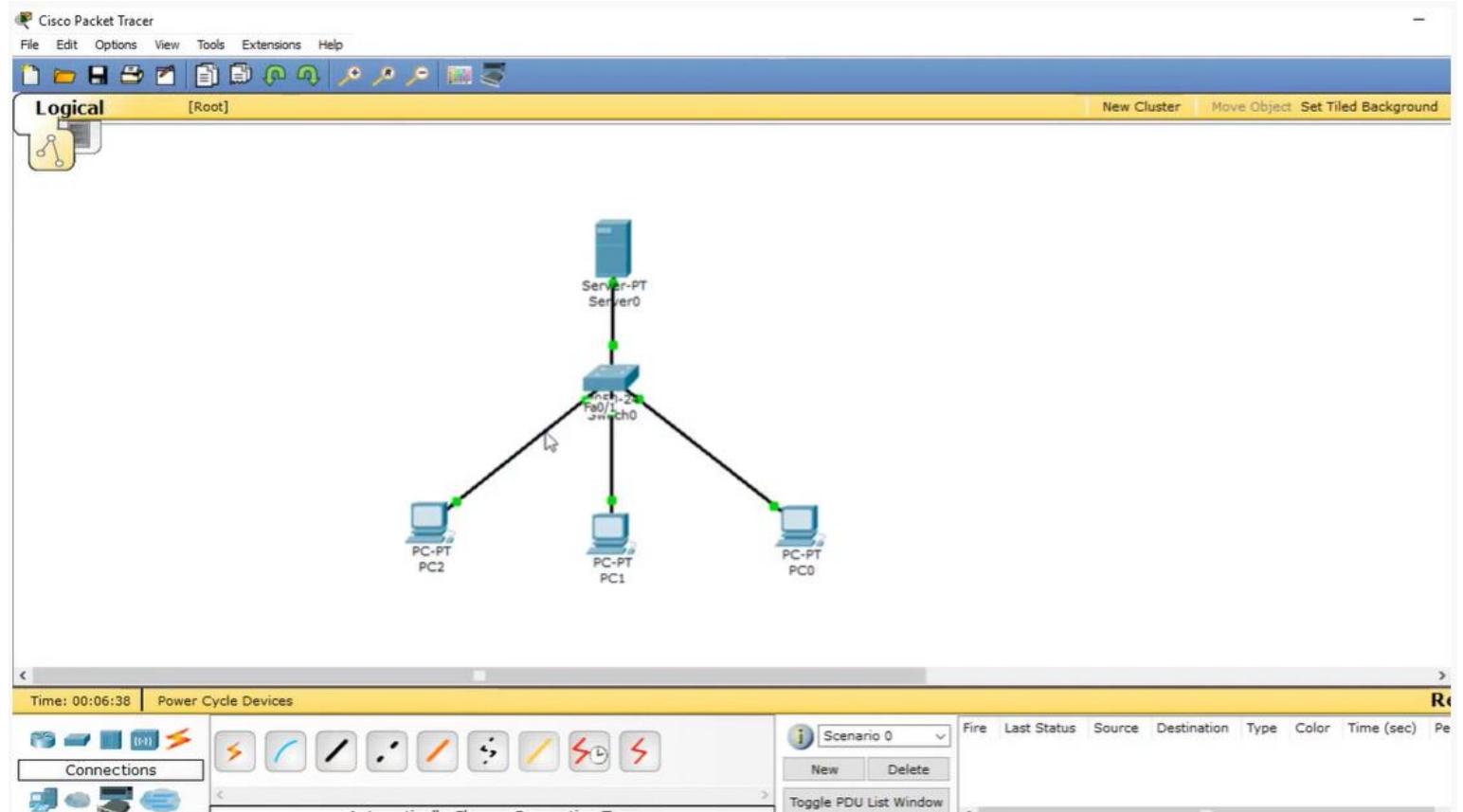


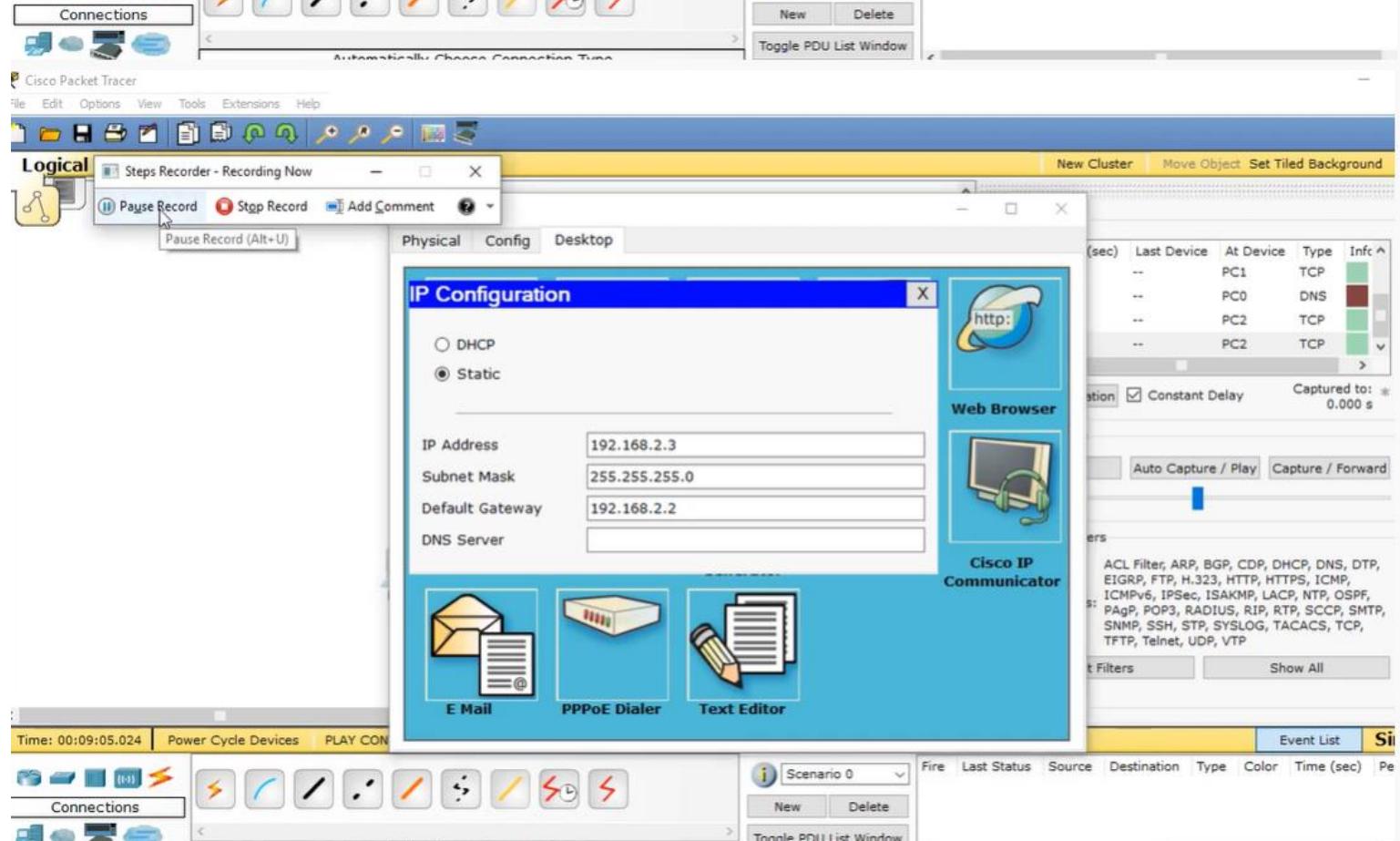
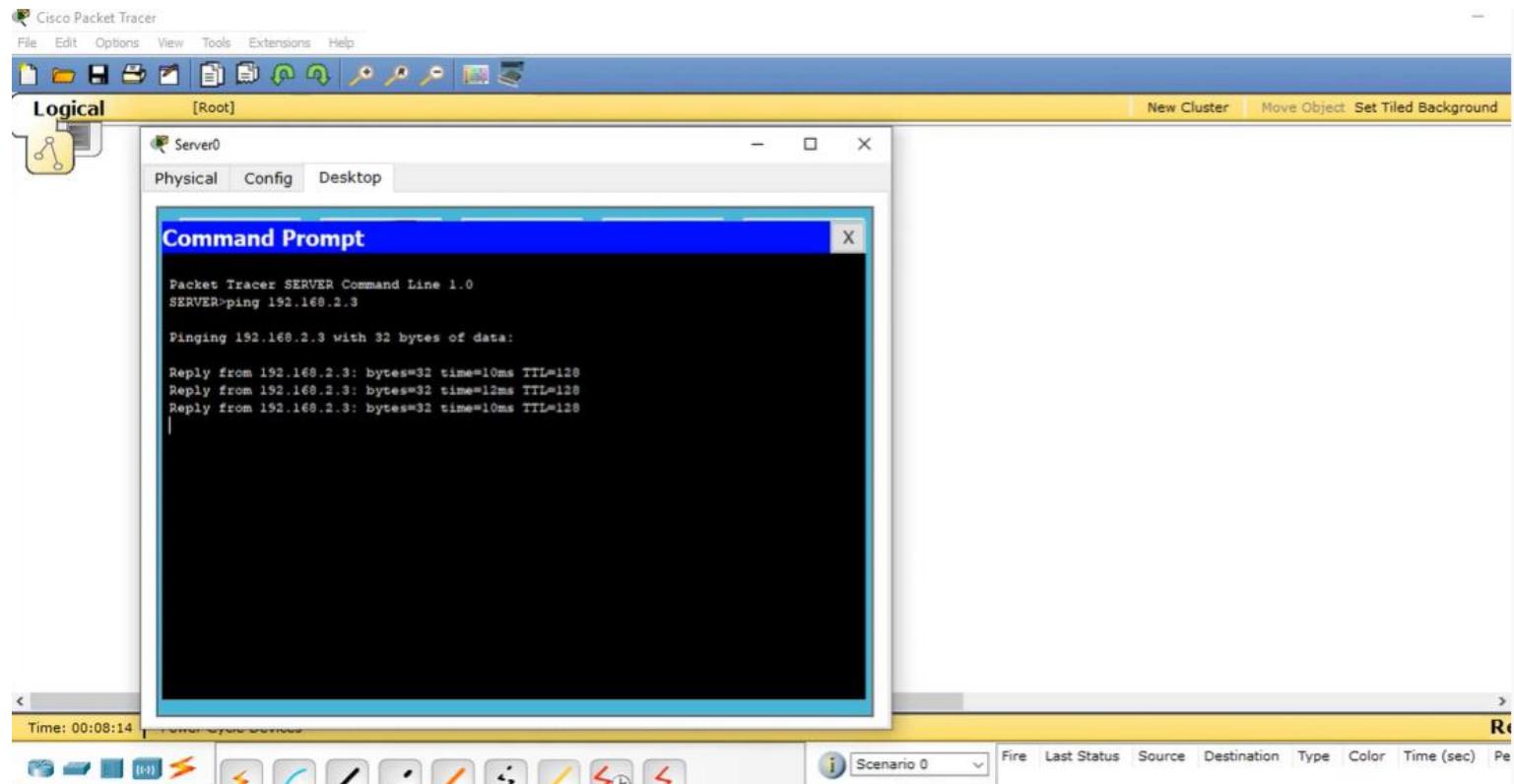
# 7. Dynamic Routing Using Packet Tracer

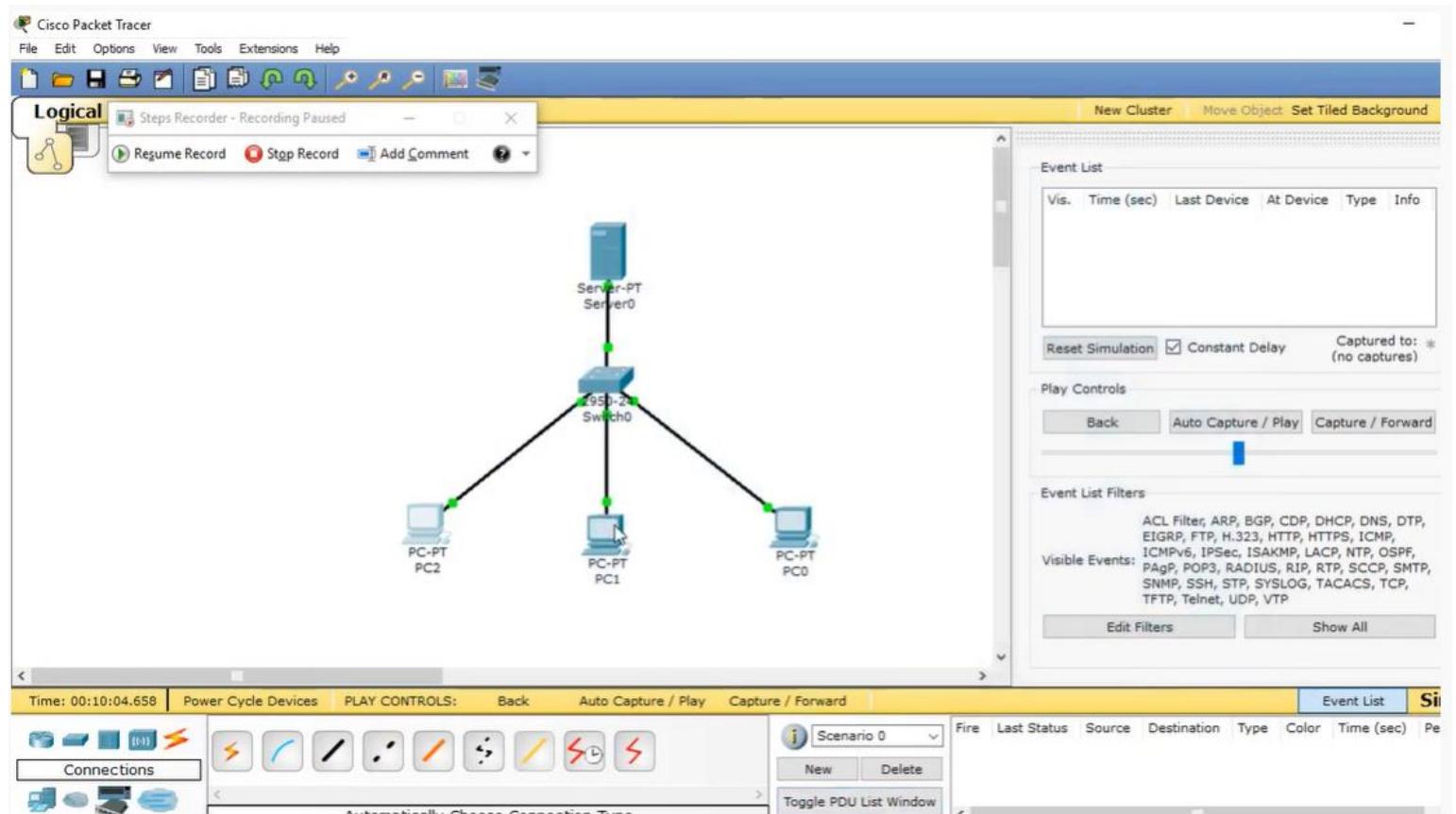




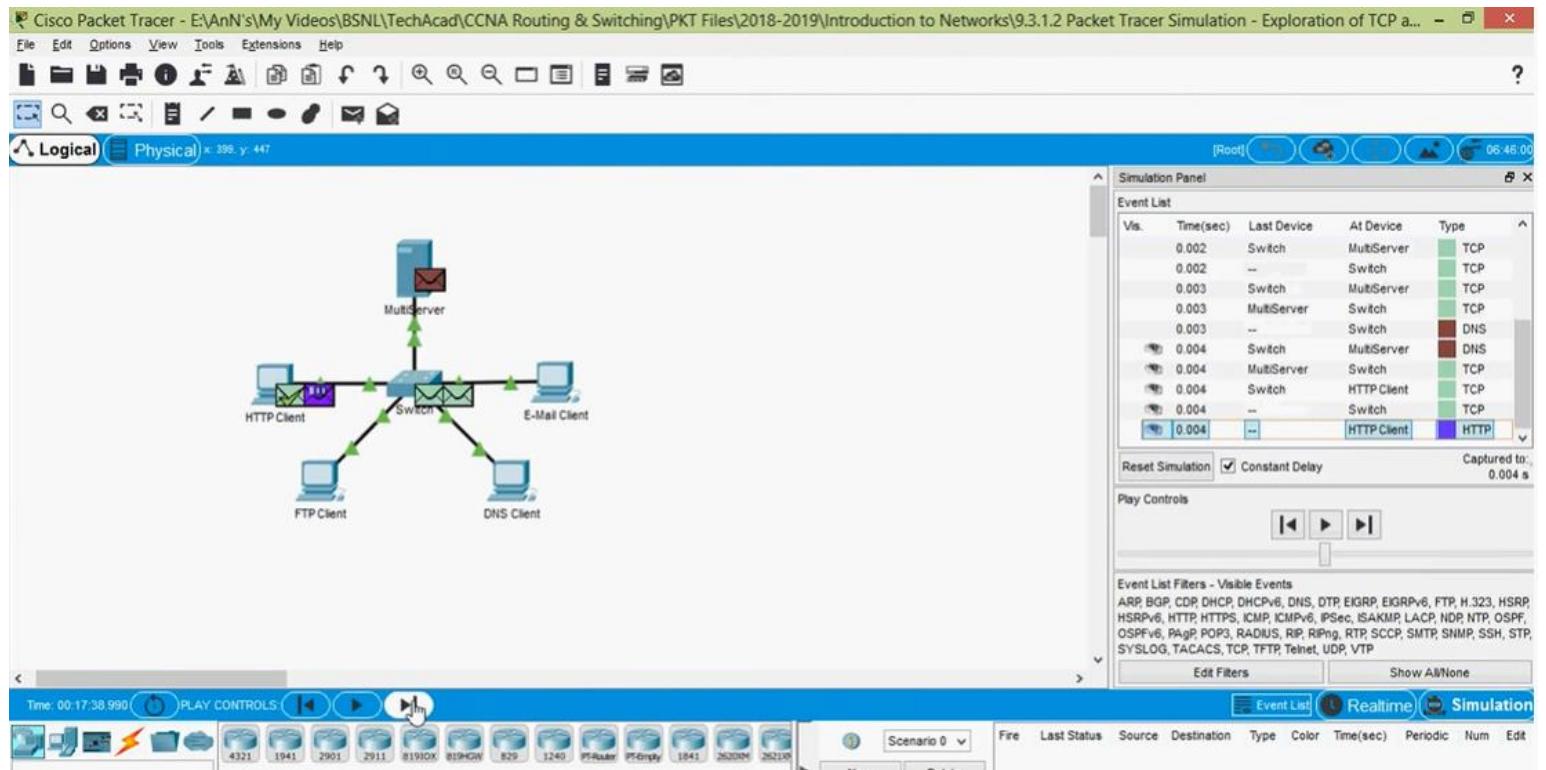
# 8. FUNCTIONALITIES OF UDP AND TCP

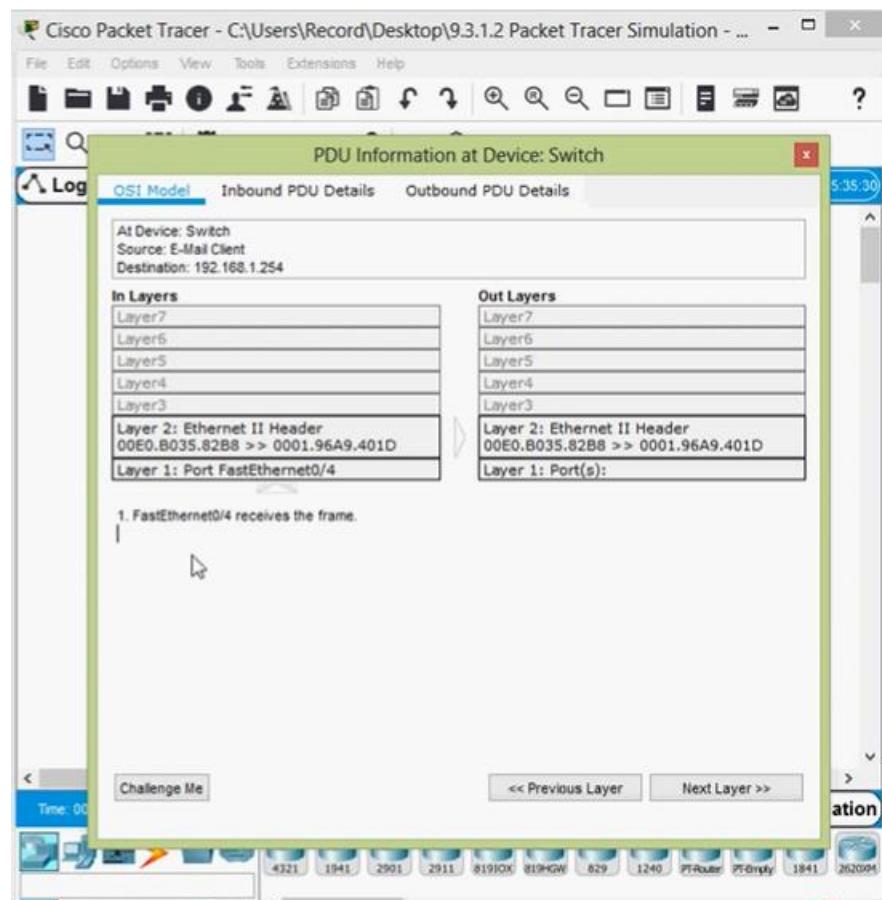






# 9.TCP AND UDP EXPLORATION SOLUTION





Cisco Packet Tracer - C:\Users\Record\Desktop\9.3.1.2 Packet Tracer Simulation - ... - x

File Edit Options View Tools Extensions Help

MultiServer

Config Services Desktop Programming Attributes

apt

```
from 192.168.1.4: bytes=32 time=12ms TTL=128
from 192.168.1.1: bytes=32 time<1ms TTL=128
from 192.168.1.2: bytes=32 time=1ms TTL=128
from 192.168.1.3: bytes=32 time=11ms TTL=128
from 192.168.1.4: bytes=32 time=12ms TTL=128

statistics for 192.168.1.255:
ackets: Sent = 4, Received = 16, Lost = 0 (0% loss),
imate round trip times in milli-seconds:
nimum = 0ms, Maximum = 27ms, Average = 6ms

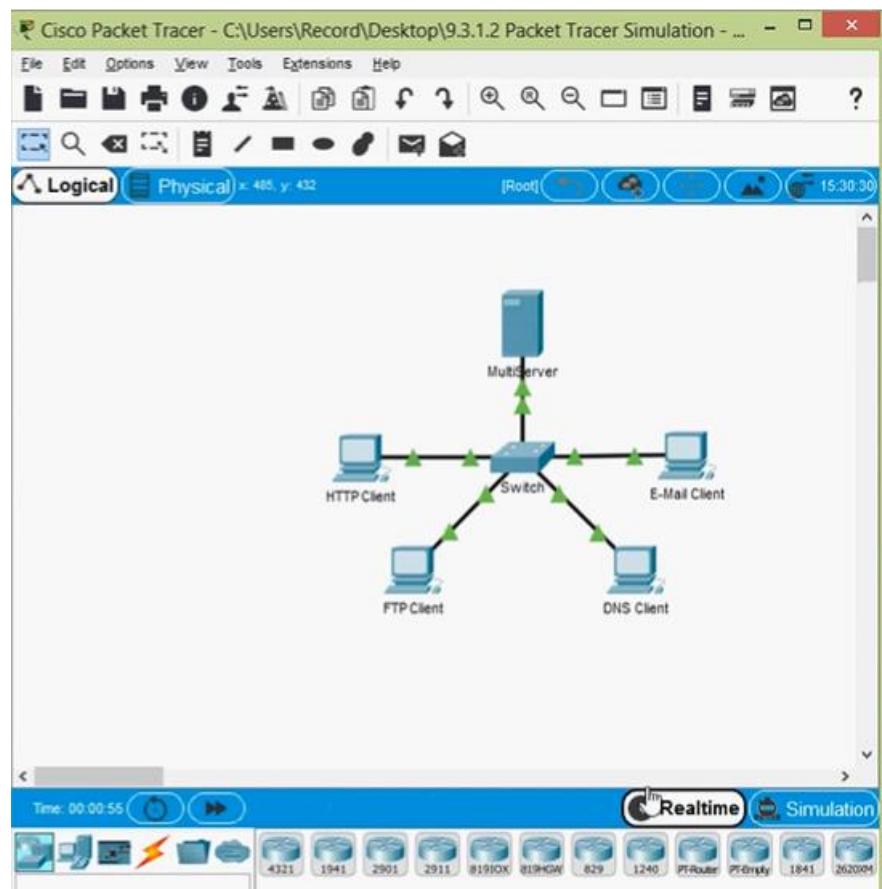
tstat

Connections

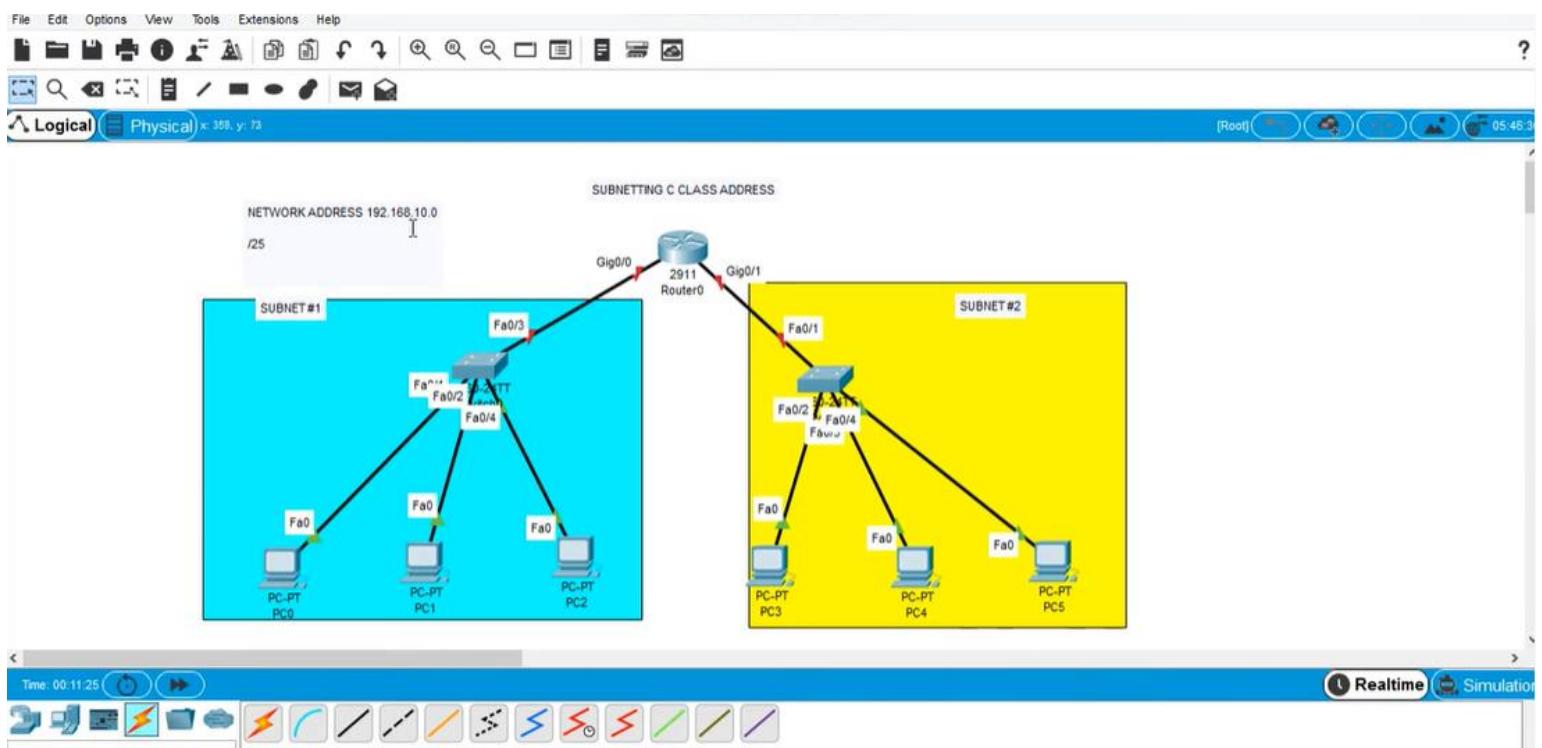
o Local Address          Foreign Address          State
  192.168.1.254:21      192.168.1.2:1025      ESTABLISHED
```

Time: 00:01:48 ( ⏪ ⏴ ⏵ ⏶ ⏷ ⏸ ⏹ ⏺ ) Realtime Simulation

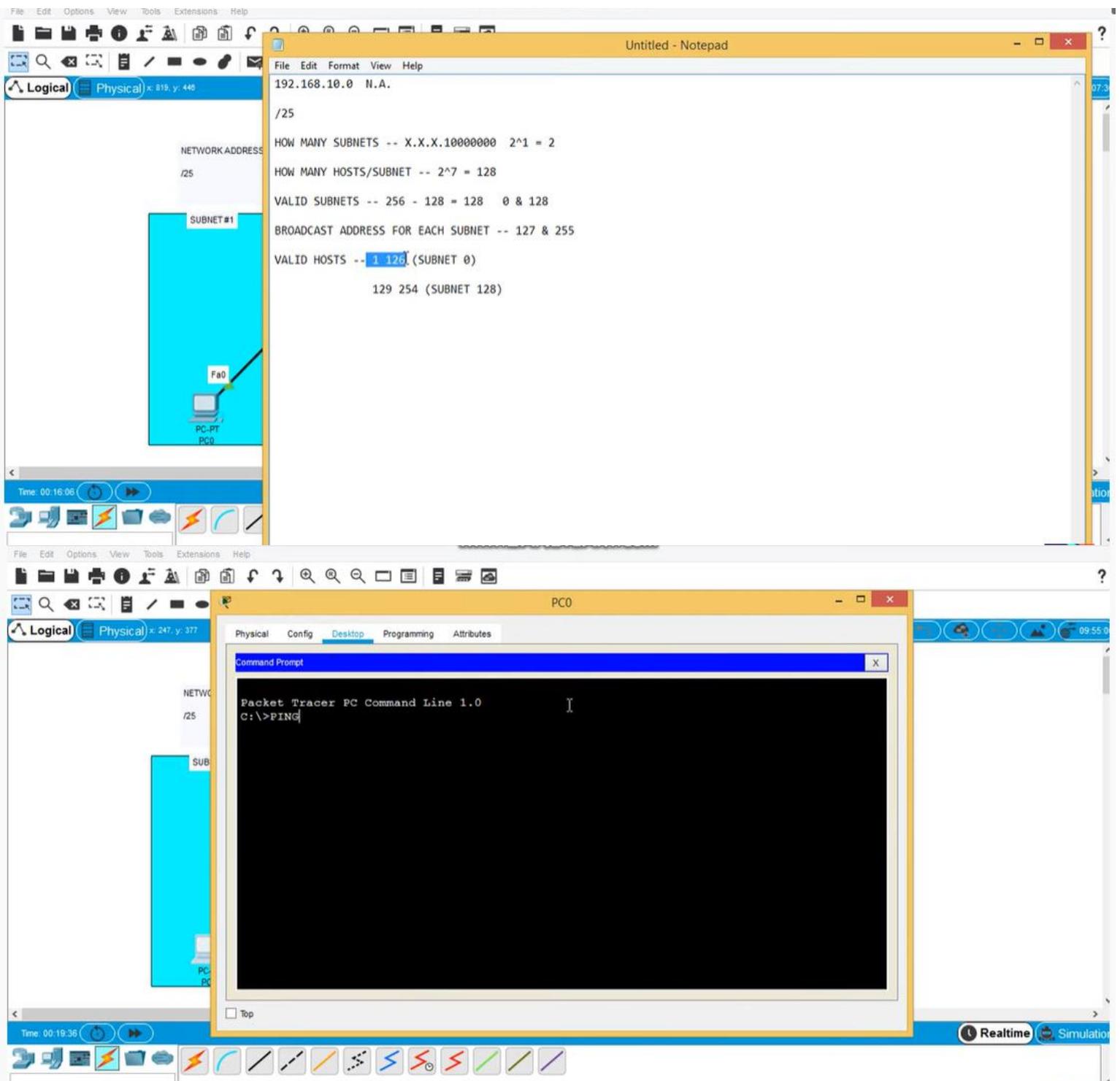
4323 1941 2901 2911 8191OX 819HGK 829 1240 PF-Router PF-Gmply 1841 262001

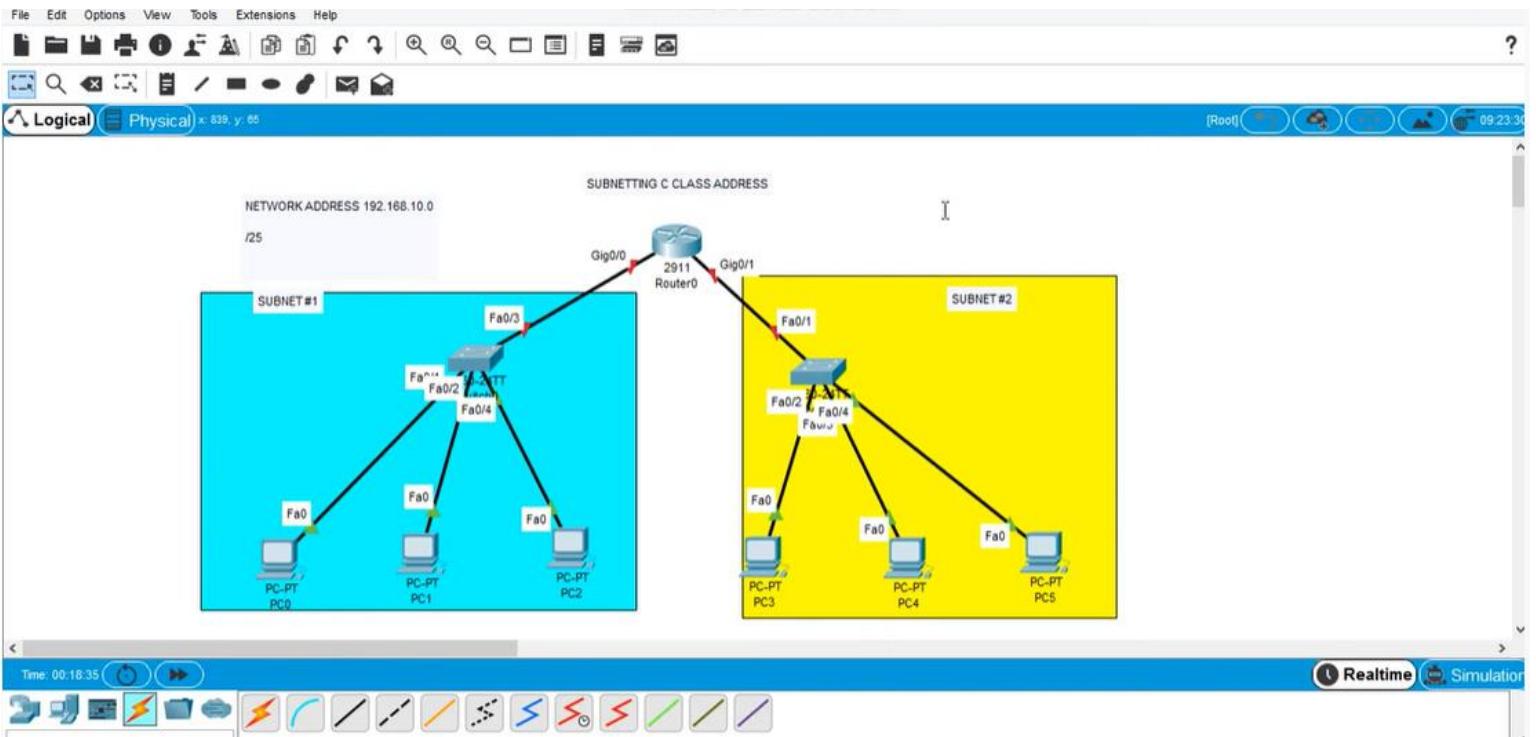


# 10. SUBNETTING CLASS C ADDRESSES

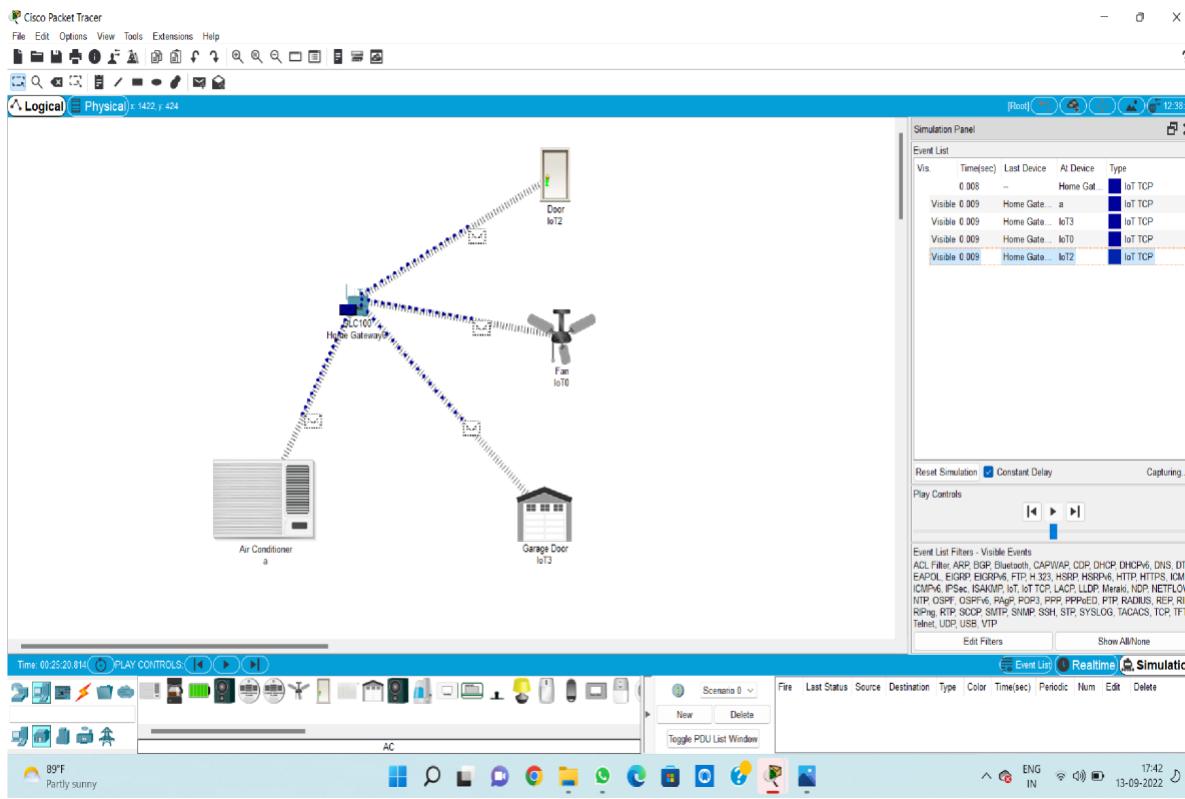


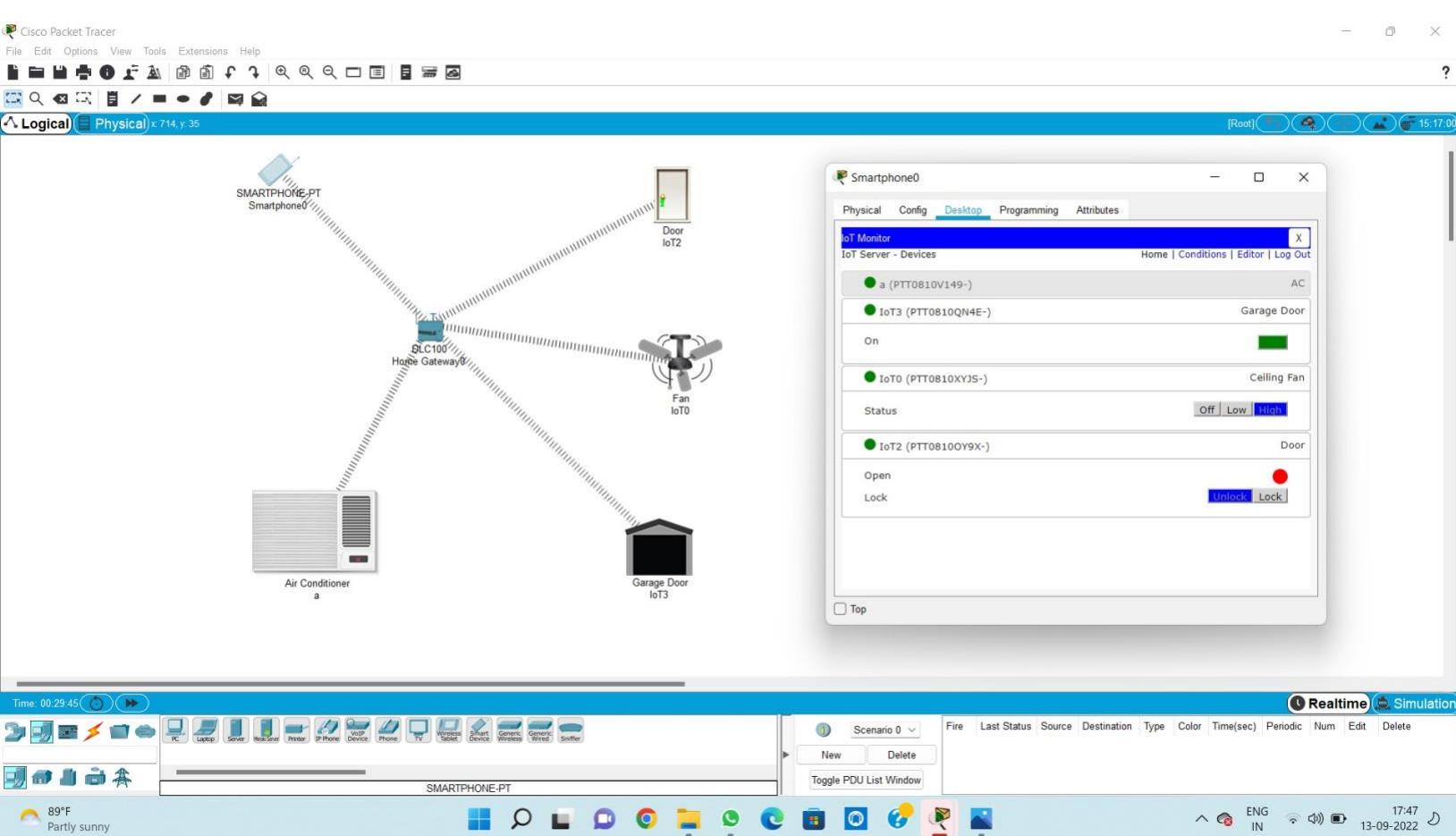
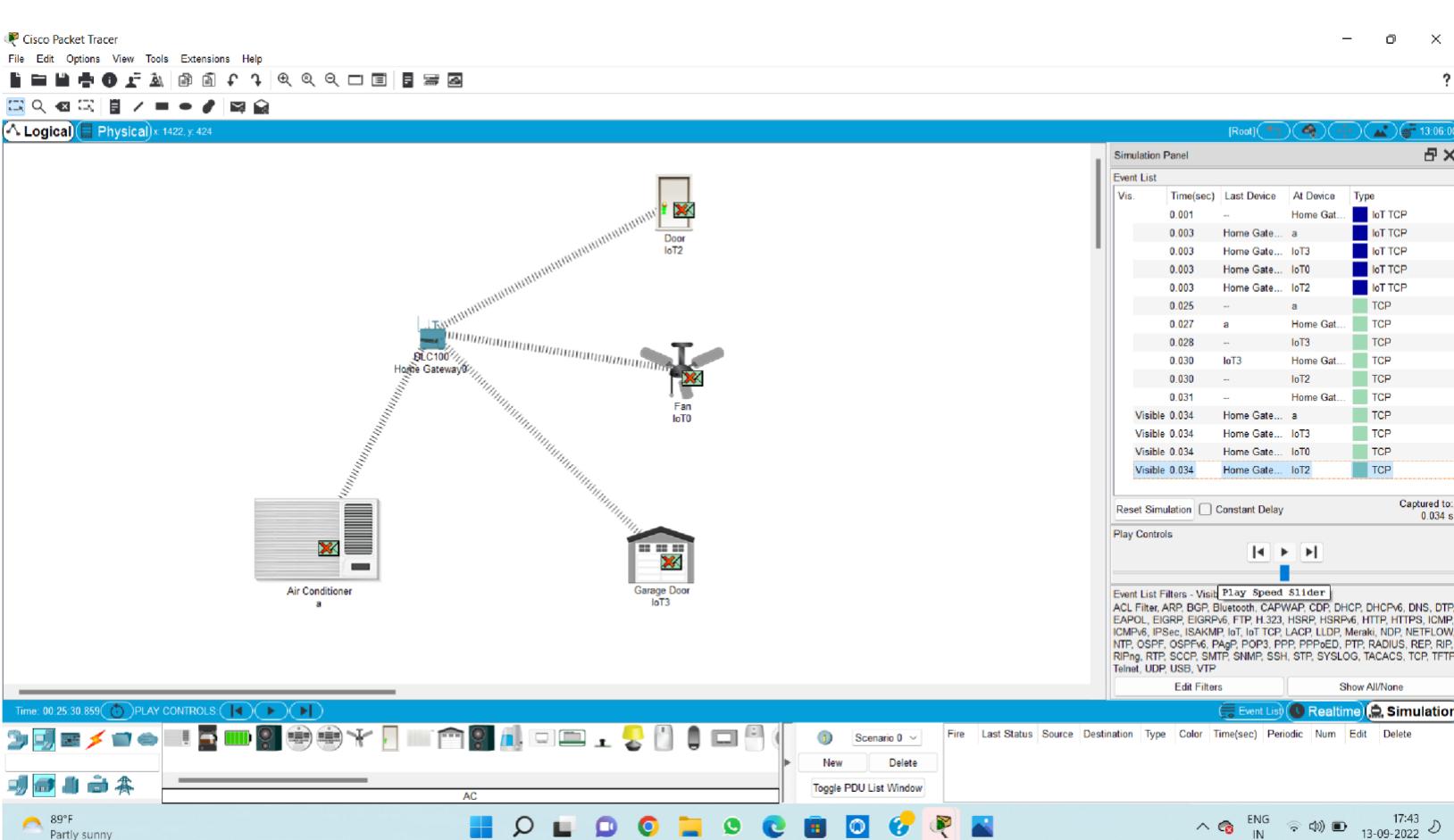
SING



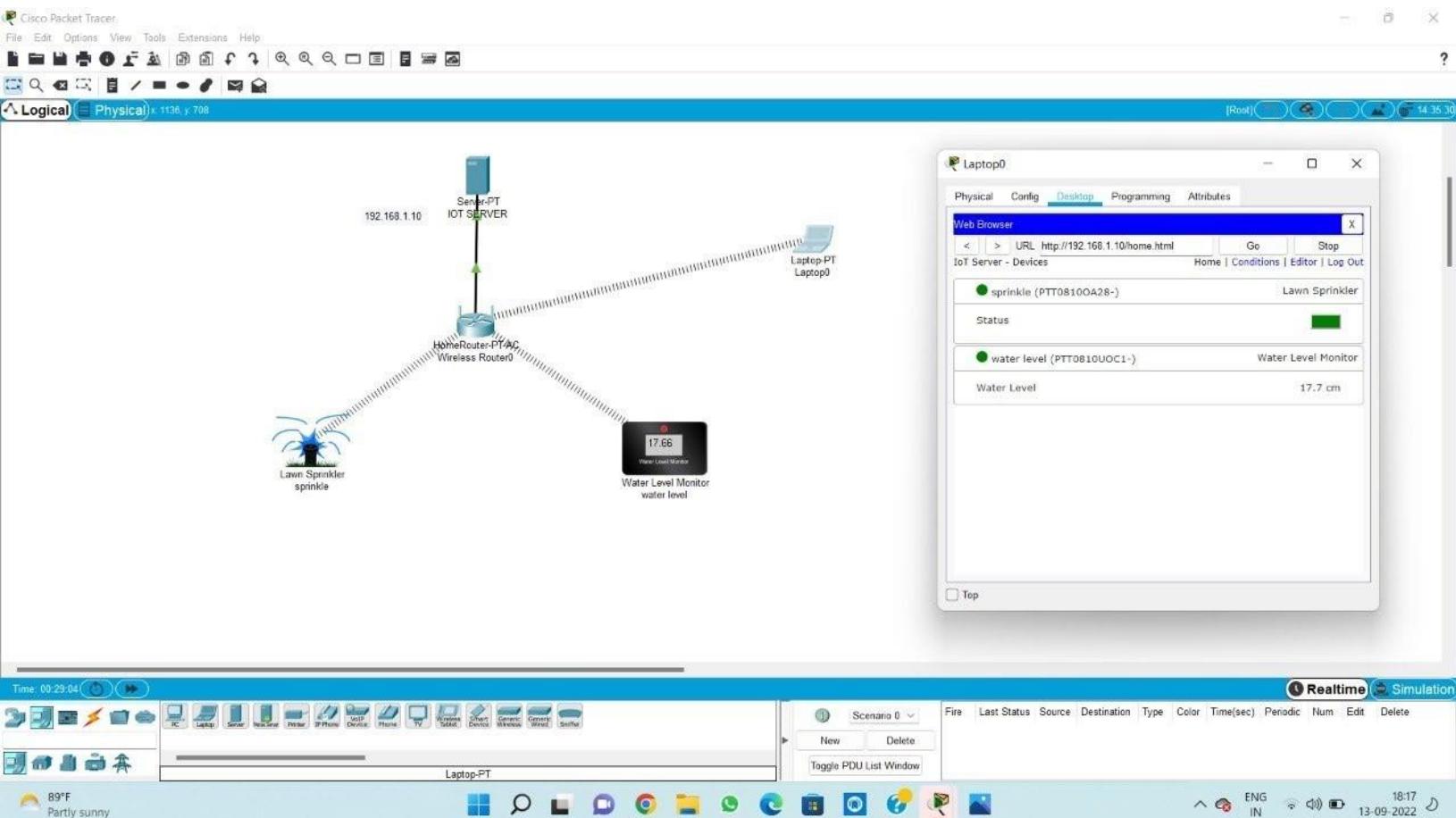


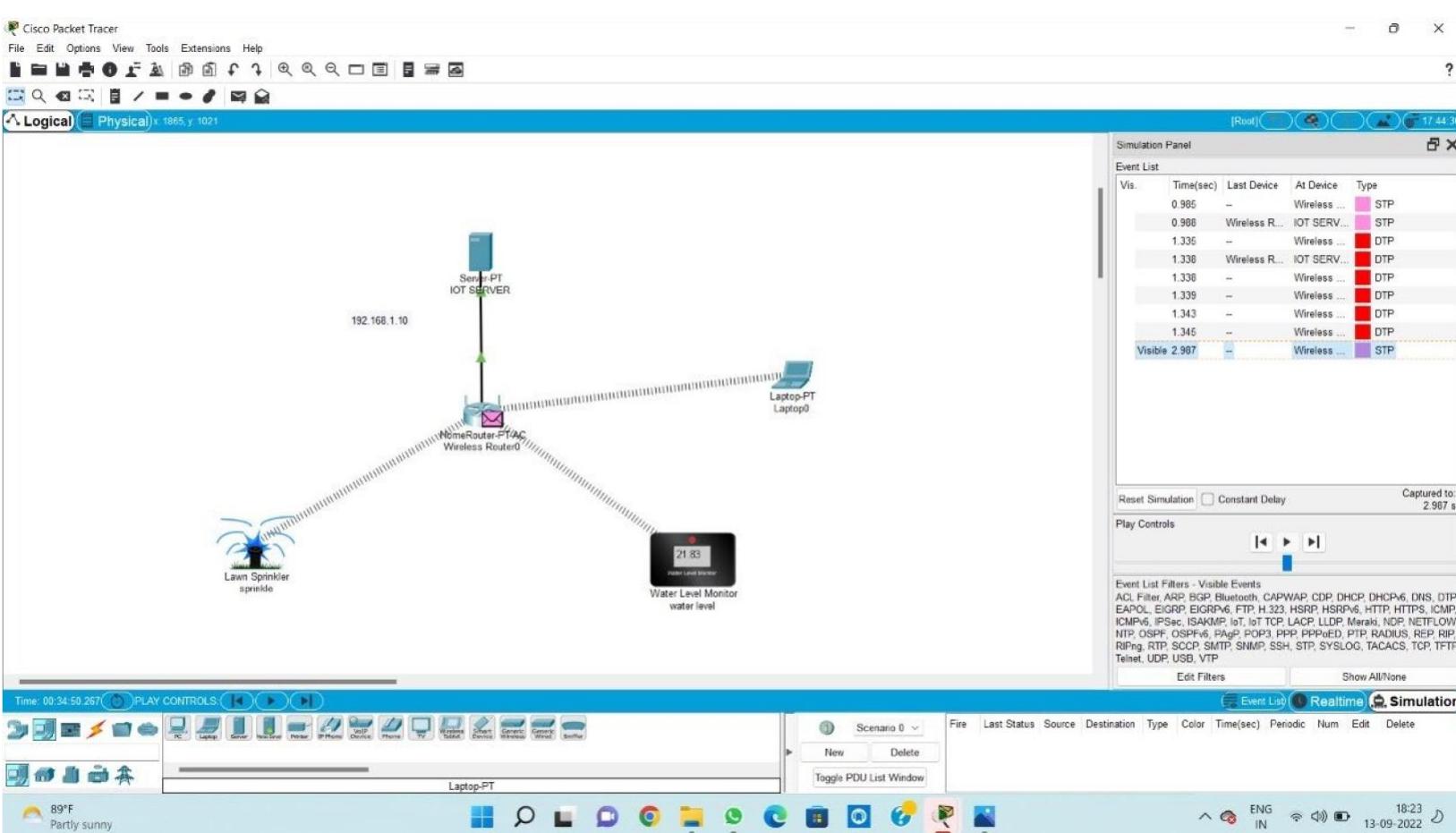
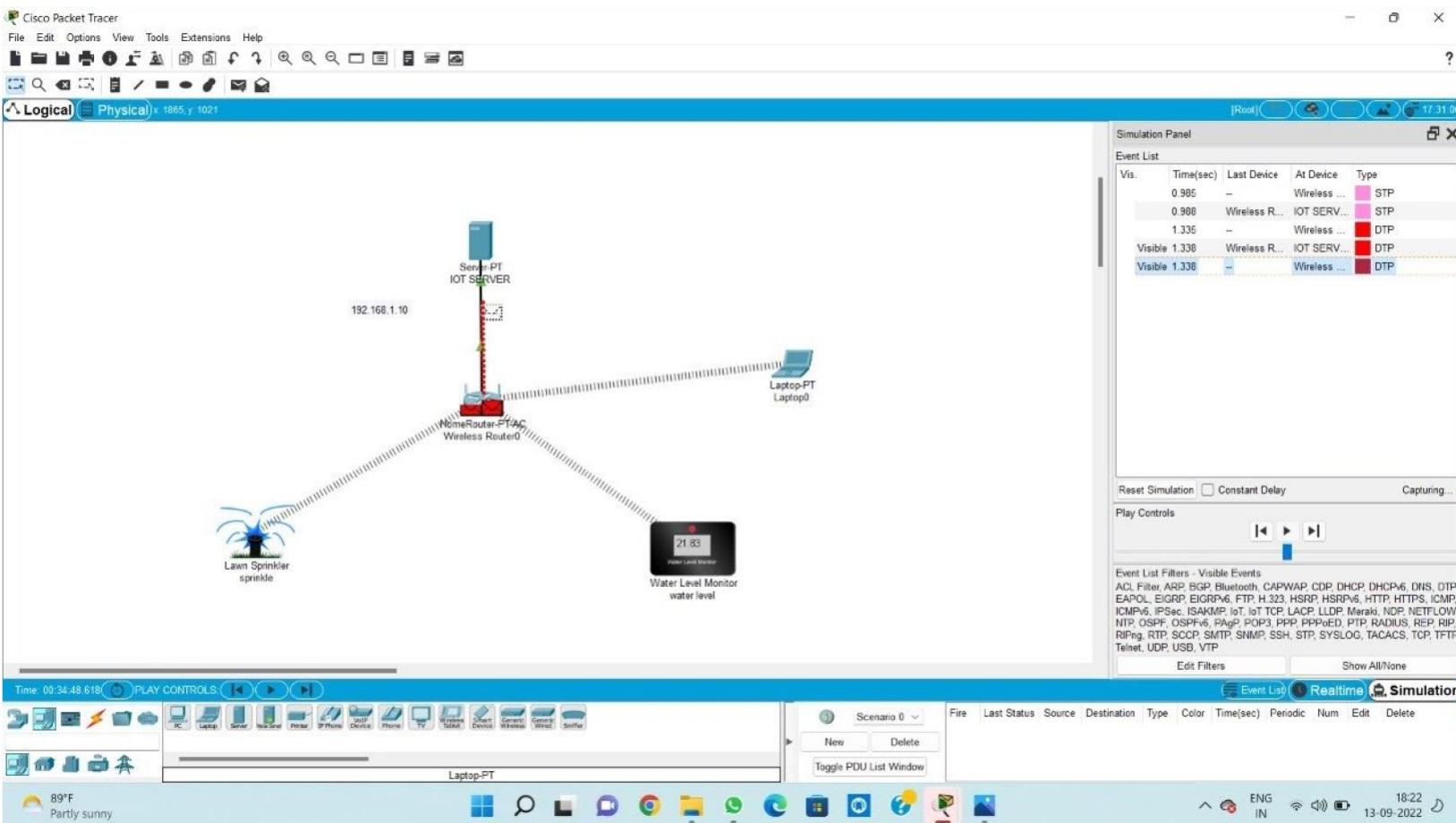
# 11. IoT based Smart Home Using Cisco Packet Tracer



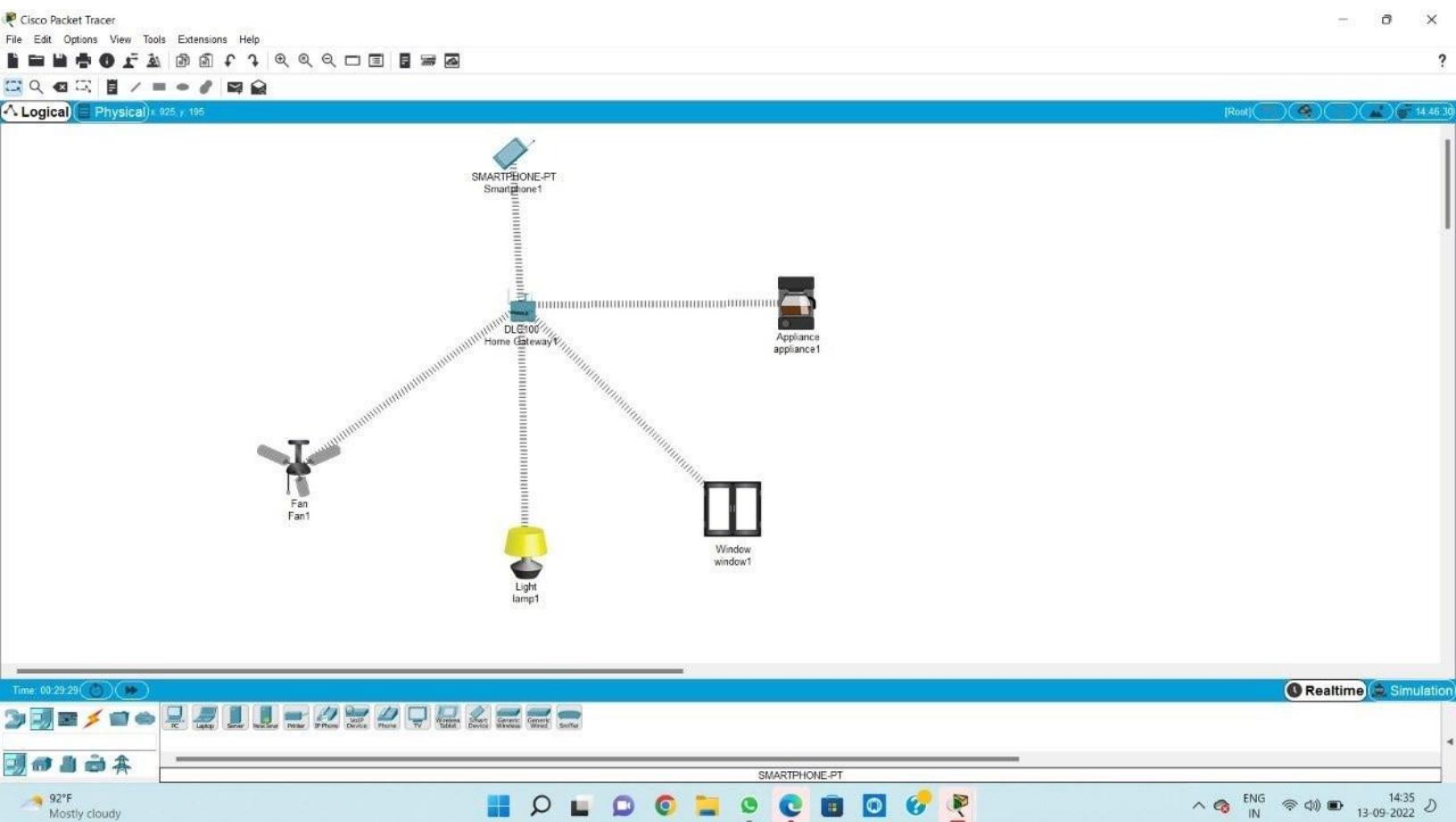


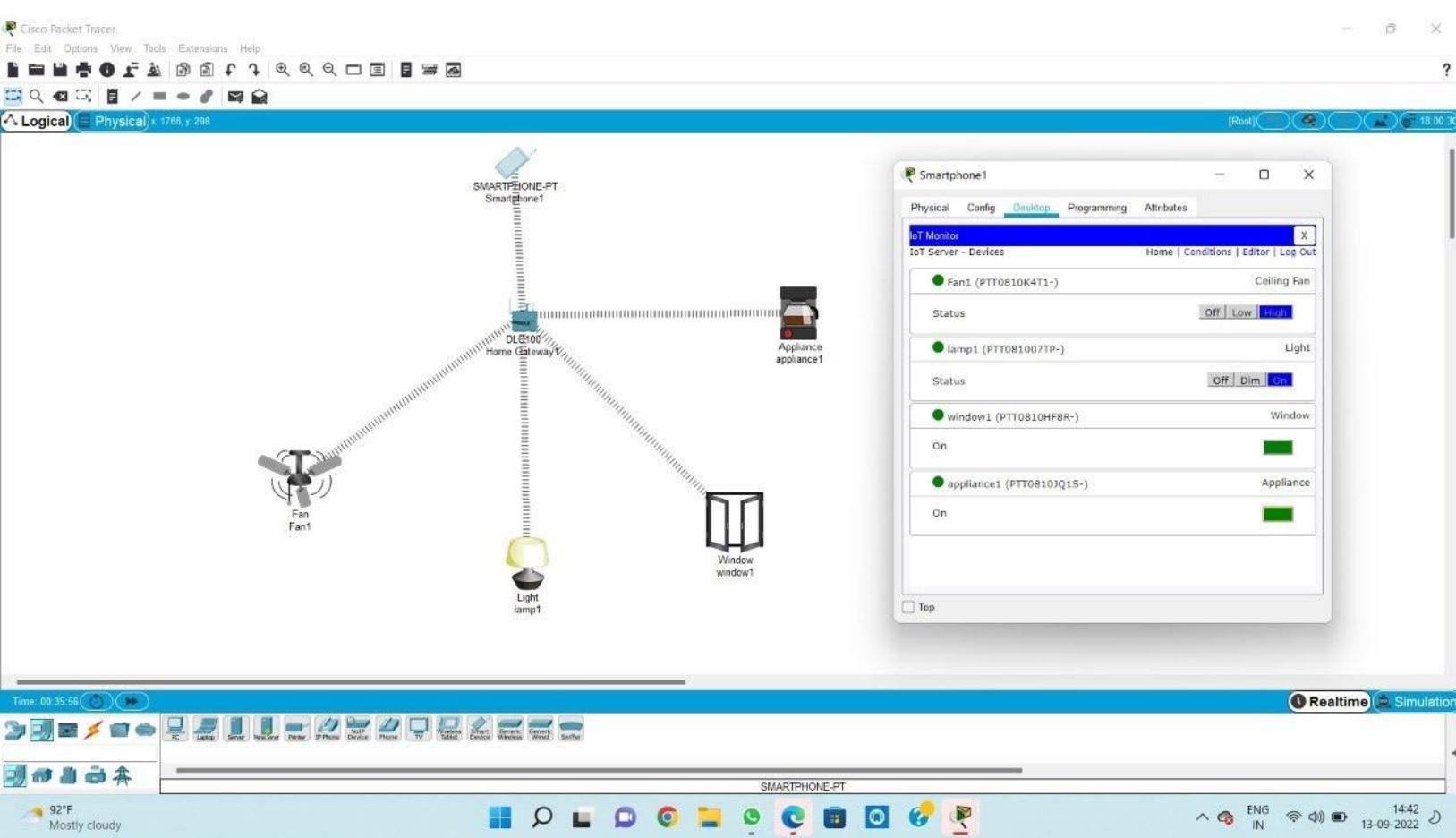
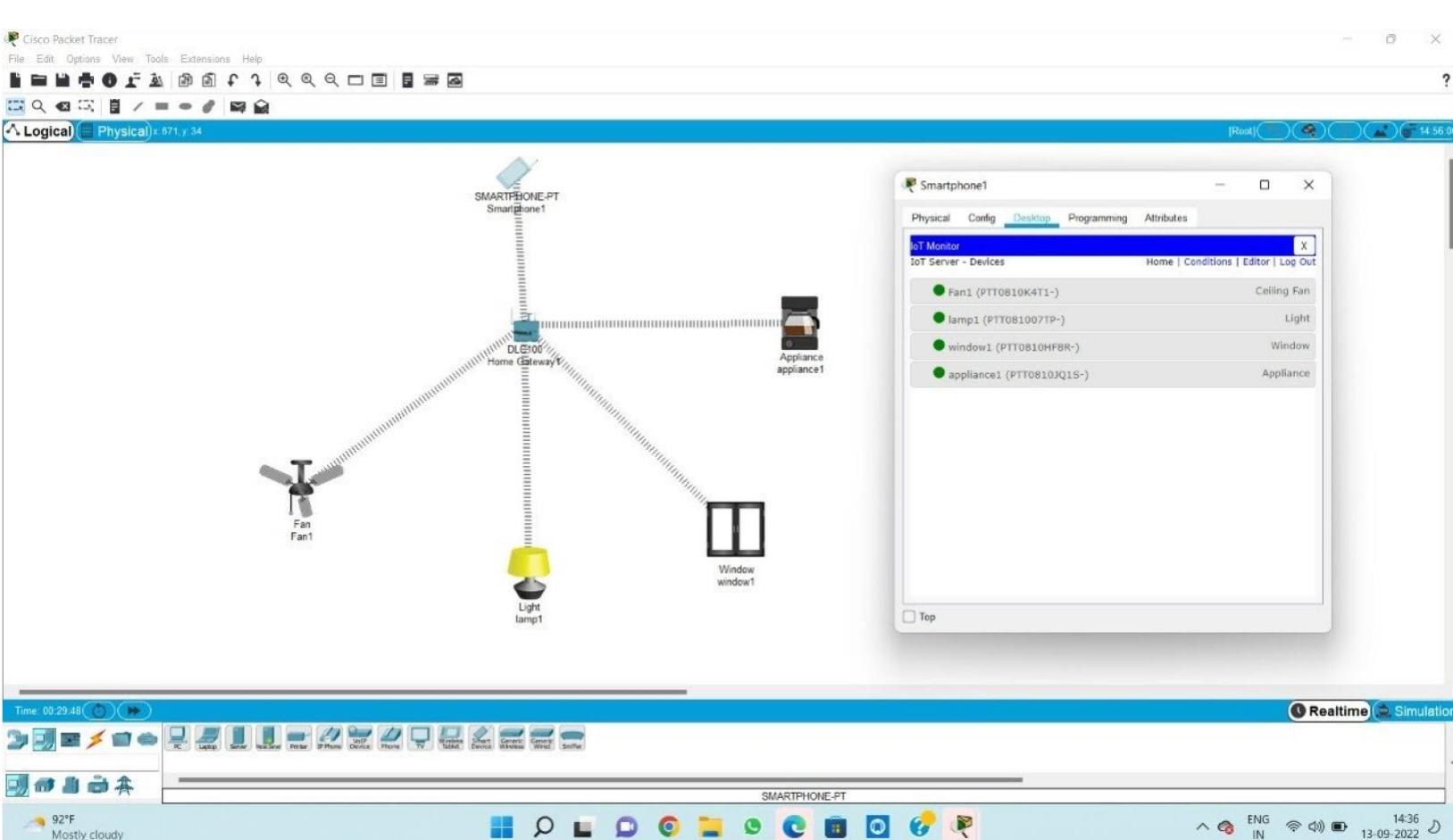
# 12. Smart Garden In Cisco Packet Tracer



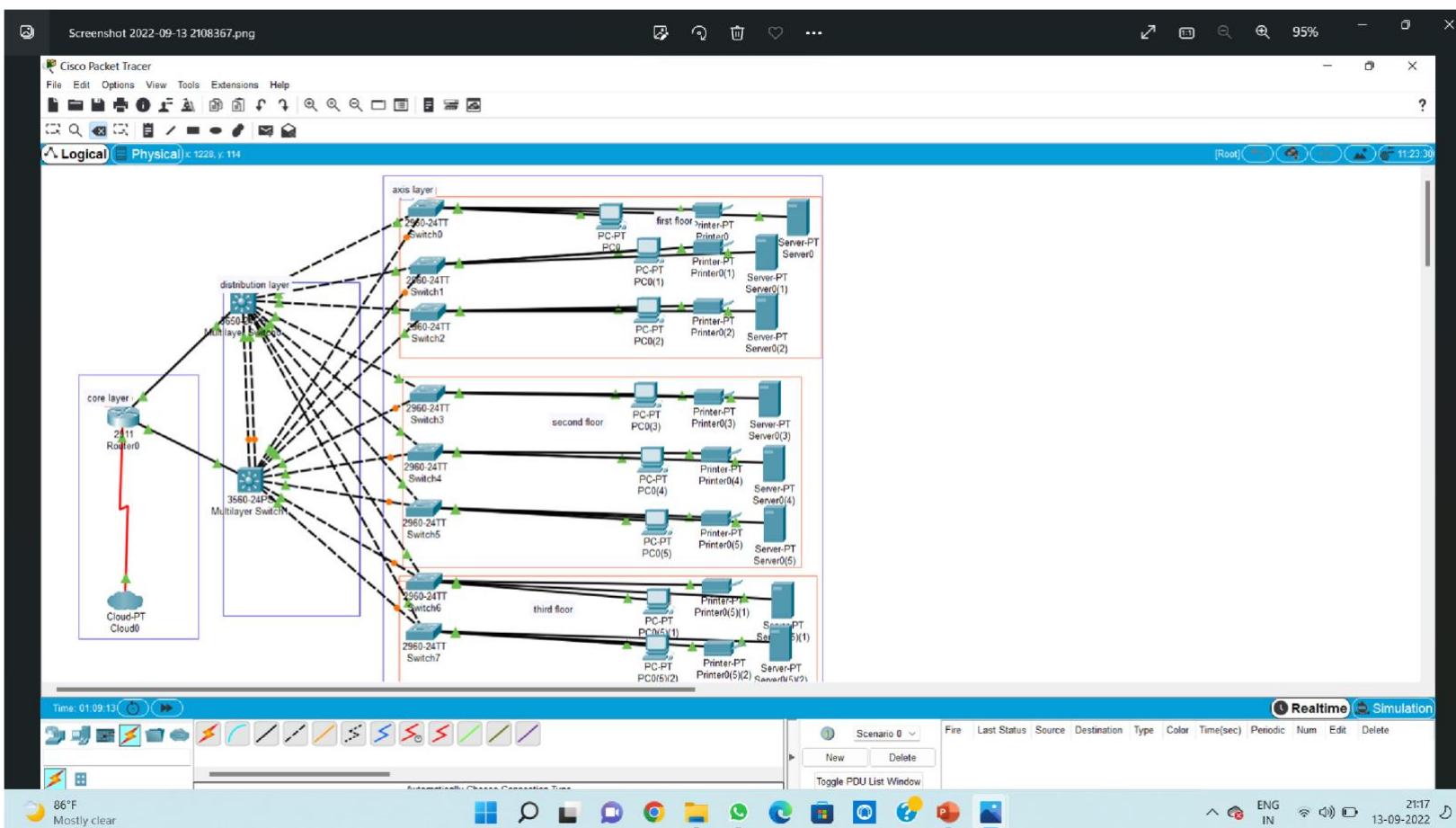


# 13.IOT Devices in Networking Using Cisco Packet Tracer

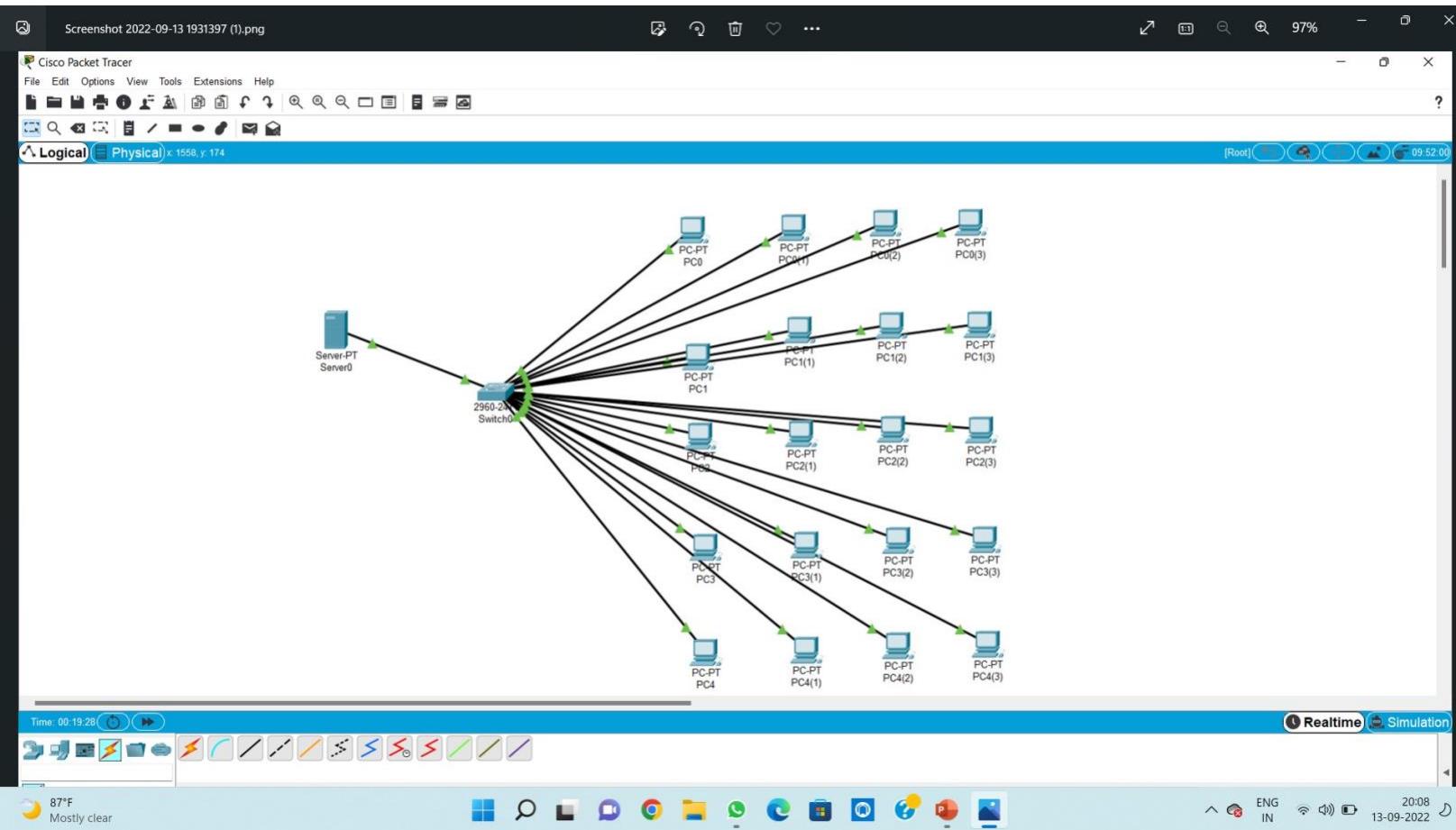




# 14.Simulating X,Y,Z Company network desing



# 15. Make computer lab in Cisco packet tracer



CH.NAGA SANTHOSH REDDY  
Reg.no: 192111736