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Course - MCA

Section - 2A

Roll No - 2001054

Steps for network Creation :-

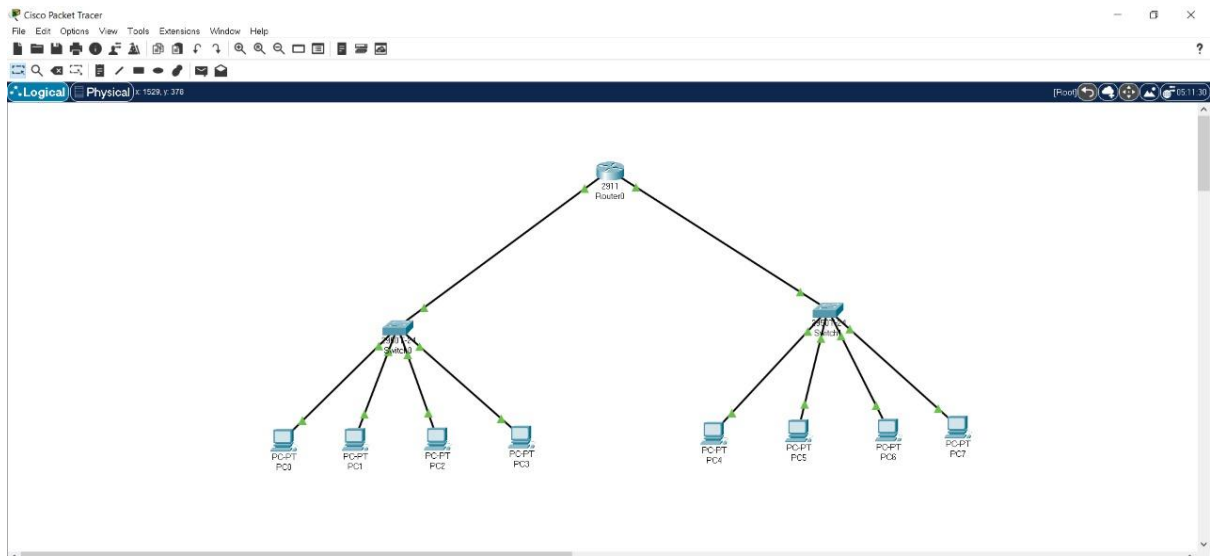
Step 1 - Create LAN-1 with 4 PC and create LAN-2 with 4 PCs.

Step 2 - Connect both LAN with router and configure the router

Step 3 - Default gateway for LAN-1 is
10.0.0.5

Default gateway for LAN-2 is
192.168.1.5

Step 4 - Sending PDU to see if connection is established.



Time: 00:13:06

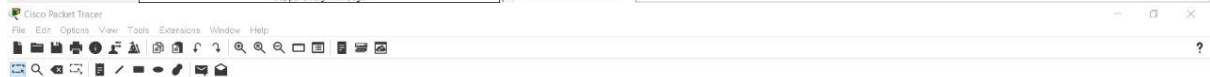
Scenario 0

Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

New Delete

Toggle PDU List Window

Copper Straight Through



PC4

Physical Config Desktop Programming Attributes

IP Configuration

Interface: FastEthernet0/0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address: 192.168.1.1

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.1.5

DNS Server: 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address: /

Link Local Address: FE80::20218FF:FEA2:C3DB

Default Gateway:

DNS Server:

802.1X

☐ Use 802.1X Security

Authentication: MGS

Username:

Password:

☐ Top

GEU

PC-PT PC0, PC-PT PC1

GEU

PC-PT PC6, PC-PT PC7

Time: 00:17:45.635

PLAY CONTROLS

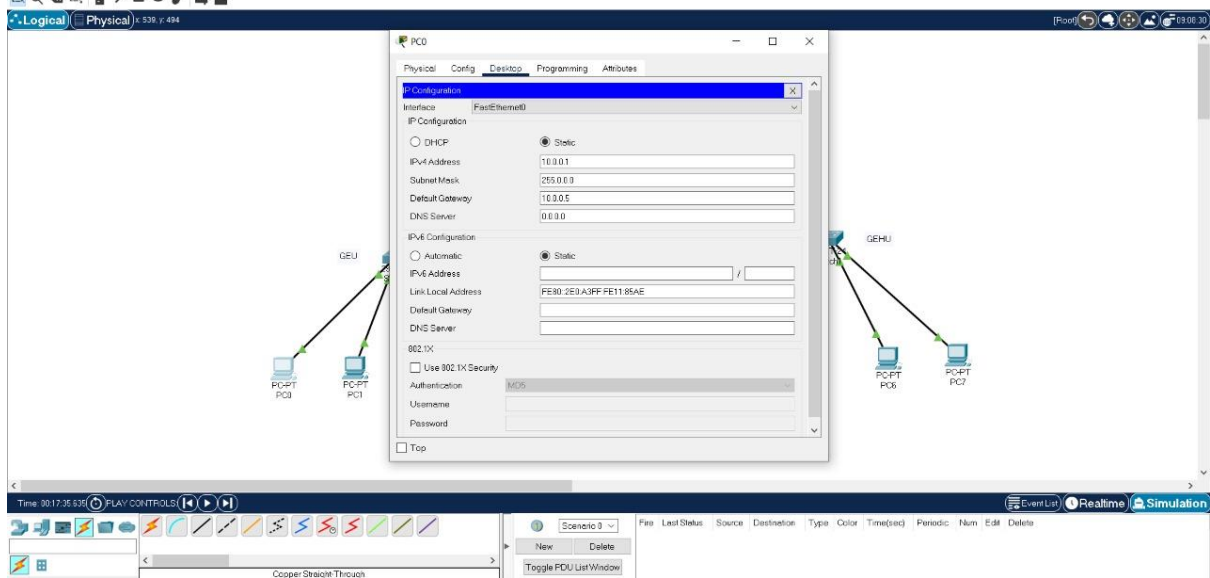
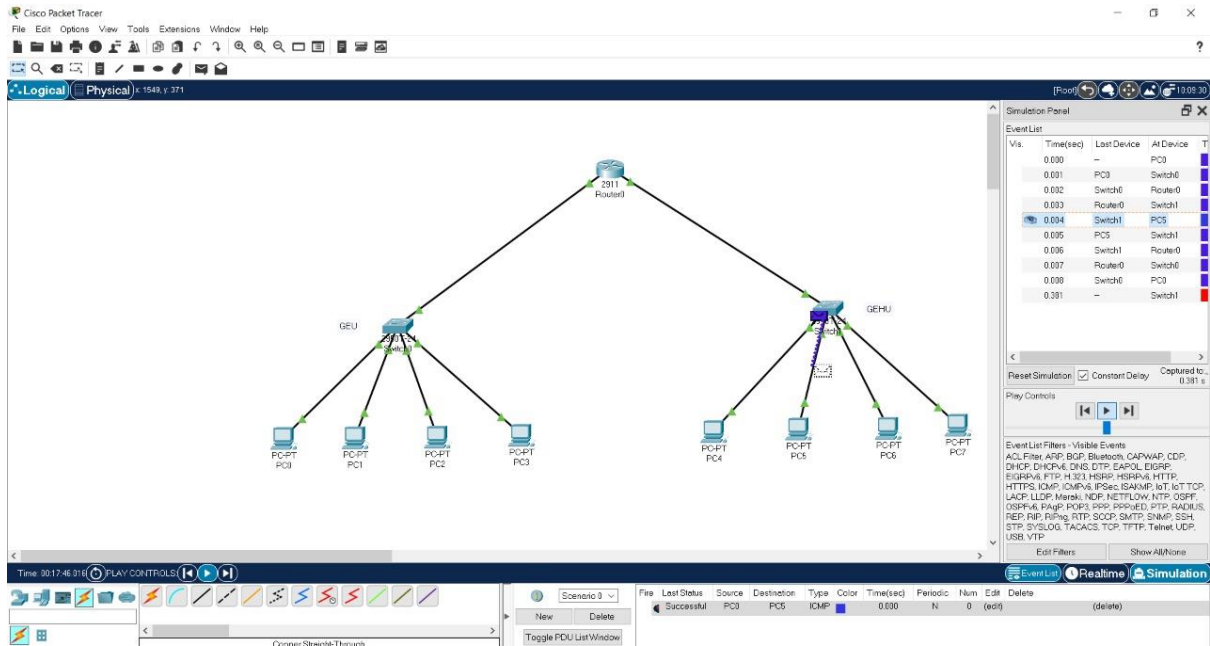
Scenario 0

Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

New Delete

Toggle PDU List Window

Copper Straight Through



Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x: 1398, y: 707

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	T
-	0.000	-	PC3	
-	0.001	PC3	Switch6	

Reset Simulation ☒ Constant Delay Capturing

Play Controls

Event List Filters - Visible Events

ACL 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, IoT TCP, LACP, LLDP, Maview, NDP, NETFLOW, NTP, OSPF, OSPFv6, Page, POP3, PPP, PPPoE, PTP, RADIUS, REP, RIP, RIPng, RTP, SOAP, SMTP, SNMP, SSH, STP, Syslog, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP

Edit Filters Show All/None

Time: 00:17:45.535 PLAY CONTROLS

Scenario 0

New Delete

Toggle PDU List Window

File Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

In Progress PC3 PCS ICMP 0.000 N 0 (edit) (delete)

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x: 1553, y: 600

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	T
-	0.000	-	PC3	
-	0.001	PC3	Switch6	
-	0.002	Switch6	Router0	
-	0.003	Router0	Switch1	
-	0.004	Switch1	PC5	
-	0.005	PC5	Switch1	
-	0.006	Switch1	Router0	
-	0.007	Router0	Switch6	
-	0.008	Switch6	PC3	
-	0.381	-	Switch1	

Reset Simulation ☒ Constant Delay Captured to: 0.381 s

Play Controls

Event List Filters - Visible Events

ACL 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, IoT TCP, LACP, LLDP, Maview, NDP, NETFLOW, NTP, OSPF, OSPFv6, Page, POP3, PPP, PPPoE, PTP, RADIUS, REP, RIP, RIPng, RTP, SOAP, SMTP, SNMP, SSH, STP, Syslog, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP

Edit Filters Show All/None

Time: 00:17:46.918 PLAY CONTROLS

Scenario 0

New Delete

Toggle PDU List Window

File Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

Successful PC3 PCS ICMP 0.000 N 0 (edit) (delete)