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Course - MCA C
Sem - IInd.
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② steps

- ① Create a LAN-1 with 4 Personal computer & create LAN2 with 4 PCs.
- ② Take the Router & 2 switches for the ^{LAN} PCs.
- ③ Connect both the LANs with Router & configuration.
- ④ Give the IP address & configuration to both LAN.
- ⑤ Default gateway for LAN-1 is 10.0.0.5.
Default gateway for LAN-2 is 192.168.1.5
- ⑥ Perform simulation for the communication of PCs
- ⑦ Send PDU to see if connection is established or not.

IP configuration for LAN-1

IPv4 address 10.0.0.1

Subnet Mask 255.0.0.0

Default gateway 10.0.0.5

DNS server 0.0.0.0

IPv6 configuration: Static

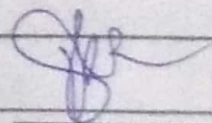
for LAN-2

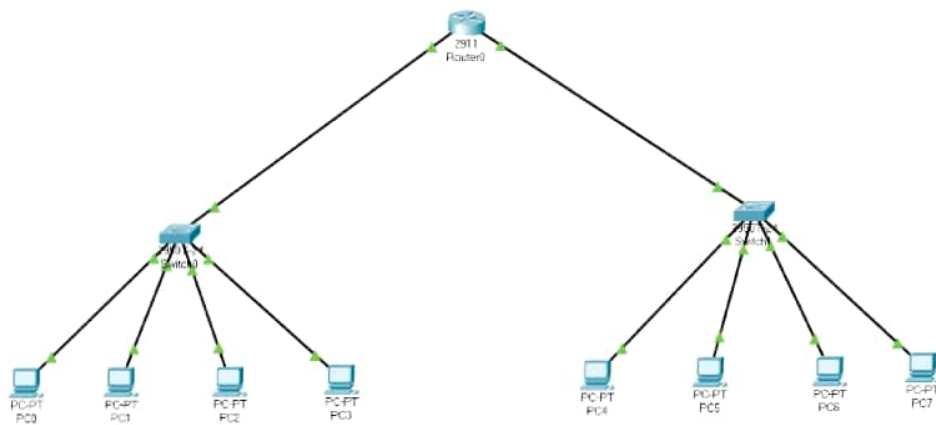
IPv4 address 192.168.1.1

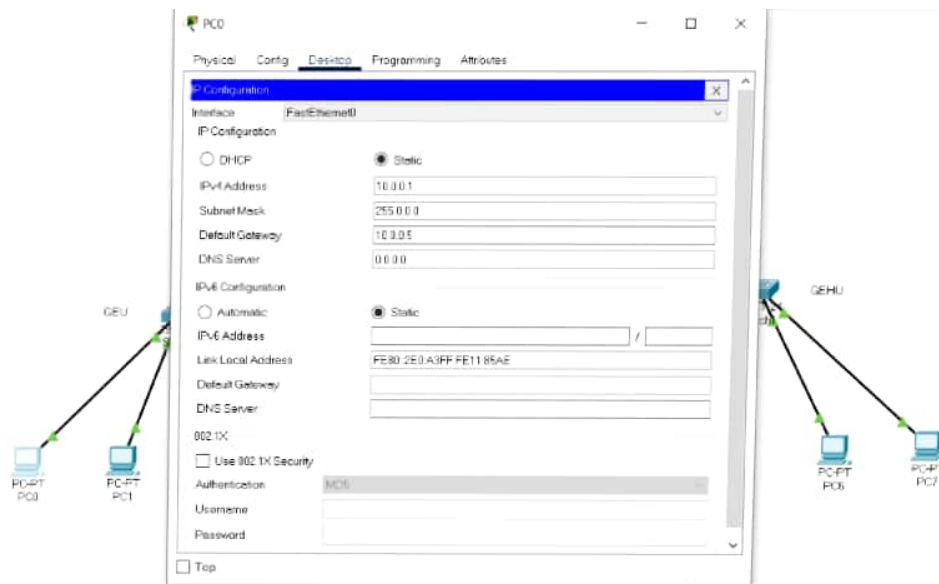
Subnet 255.255.255.0

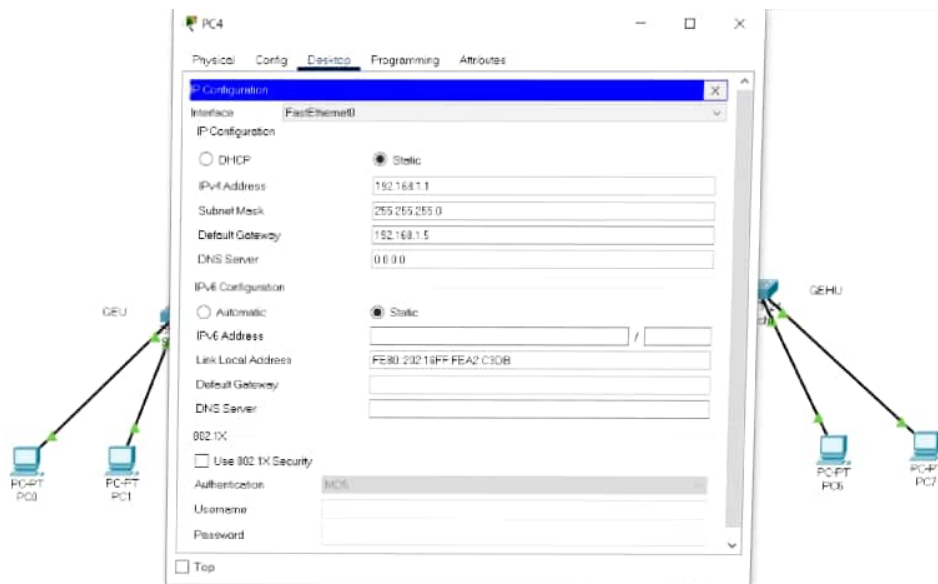
Default gateway 192.168.1.5

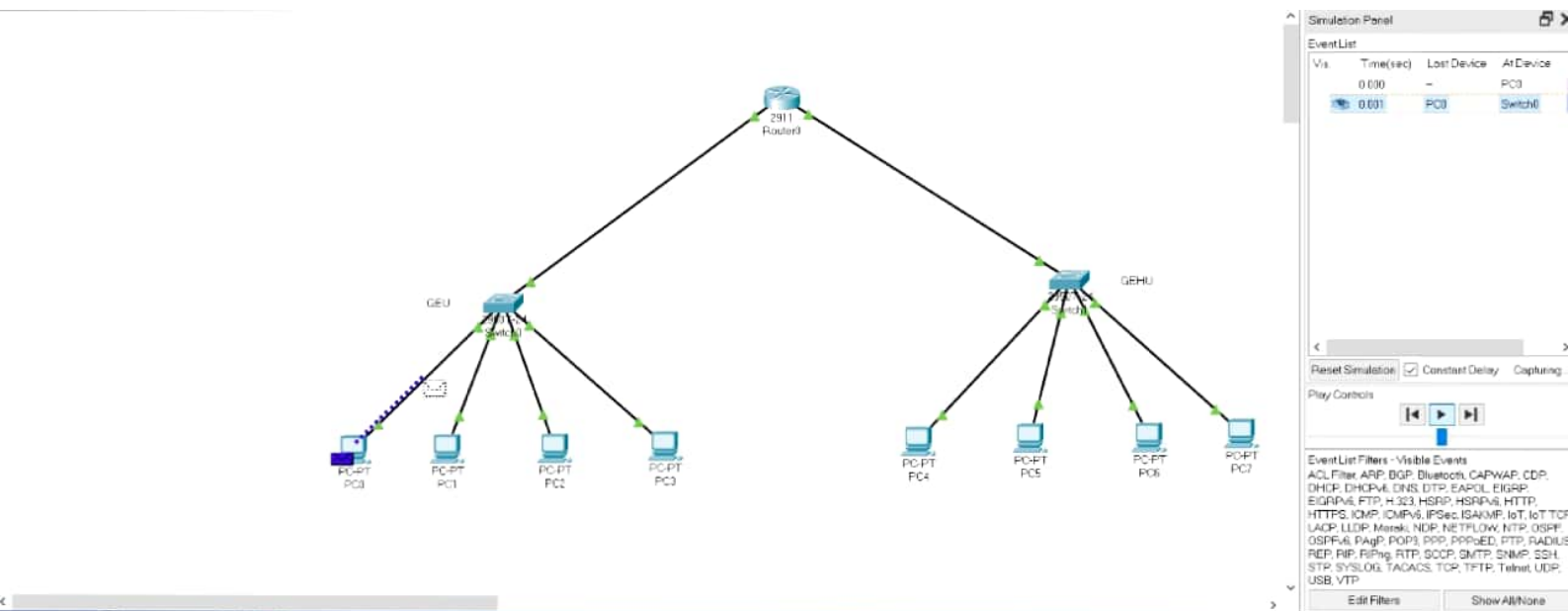
DNS : 0.0.0.0

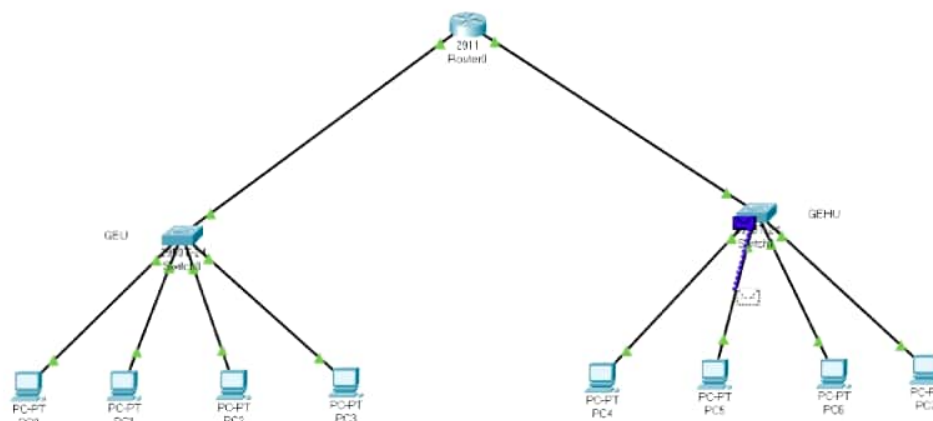












Simulation Panel

Event List

Vis	Time(sec)	Last Device	All Device
	0.000	-	PC0
	0.001	PC0	Switch0
	0.002	Switch0	Router0
	0.003	Router0	Switch1
	0.004	Switch1	PC5
	0.005	PC5	Switch1
	0.006	Switch1	Router0
	0.007	Router0	Switch0
	0.008	Switch0	PC0
	0.381	-	Switch1

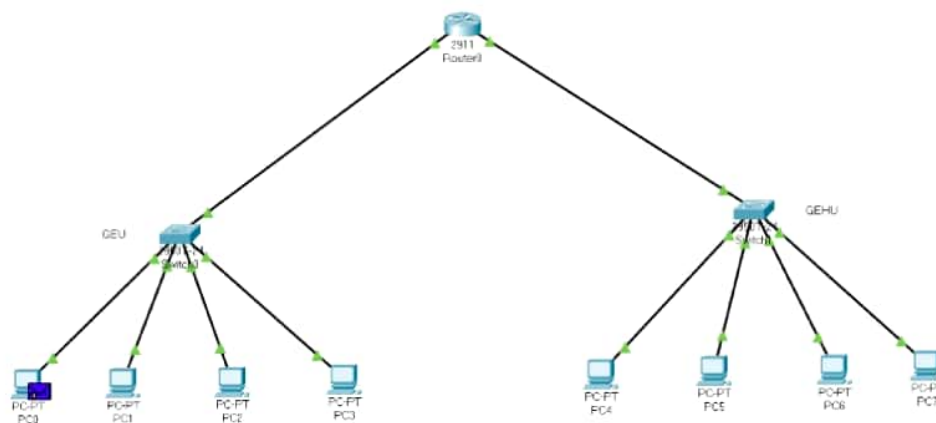
Reset Simulation ☒ Constant Delay Captured to 0.381

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, ISL, ISL v6, LACP, LLDP, MIB, NTP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoE, PTP, RADIUS, REP, RIP, RIPv6, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP

Edit Filters Show All/None



Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device
	0.000	-	PC0
	0.001	PC0	Switch0
	0.002	Switch0	Router0
	0.003	Router0	Switch1
	0.004	Switch1	PC5
	0.005	PC5	Switch1
	0.006	Switch1	Router0
	0.007	Router0	Switch0
	0.008	Switch0	PC0
	0.381	-	Switch1

Reset Simulation ☒ Constant Delay Captured to 0.381

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, Meraki, NDP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoE, PTP, RADIUS, REP, RIP, RIPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP

Edit Filters Show All/None