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Computer Networks FMC-203.

classmate

Date

Page

Ans (2)

Problem Statement: There are 2 organizations

in a city named  
GEU & GEHU design a  
network b/w the SOC.

dept of GEU & GEHU

Also show the communication  
between user number 1.

of GEU & user number 2  
of GEHU.

Objective: - To understand  
how to connect  
LAN 1 & LAN 2.

Steps:

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

Step 2: Connect both LAN with  
router ~~with~~ and  
configure the router.



Step 3: Default Gateway for  
LAN-2 is 192.168.1.5

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

STOP.

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x 1548, y 371

```

graph TD
    Router[2811 Router] --- GEU[Switch]
    Router --- GEHU[Switch]
    GEU --- PC0[PC0]
    GEU --- PC1[PC1]
    GEU --- PC2[PC2]
    GEU --- PC3[PC3]
    GEHU --- PC4[PC4]
    GEHU --- PC5[PC5]
    GEHU --- PC6[PC6]
    GEHU --- PC7[PC7]
  
```

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       |
|      | 0.009     | -           | Switch1   |

Reset Simulation ☒ Constant Delay Captured to 0.391

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, Mavsk, 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

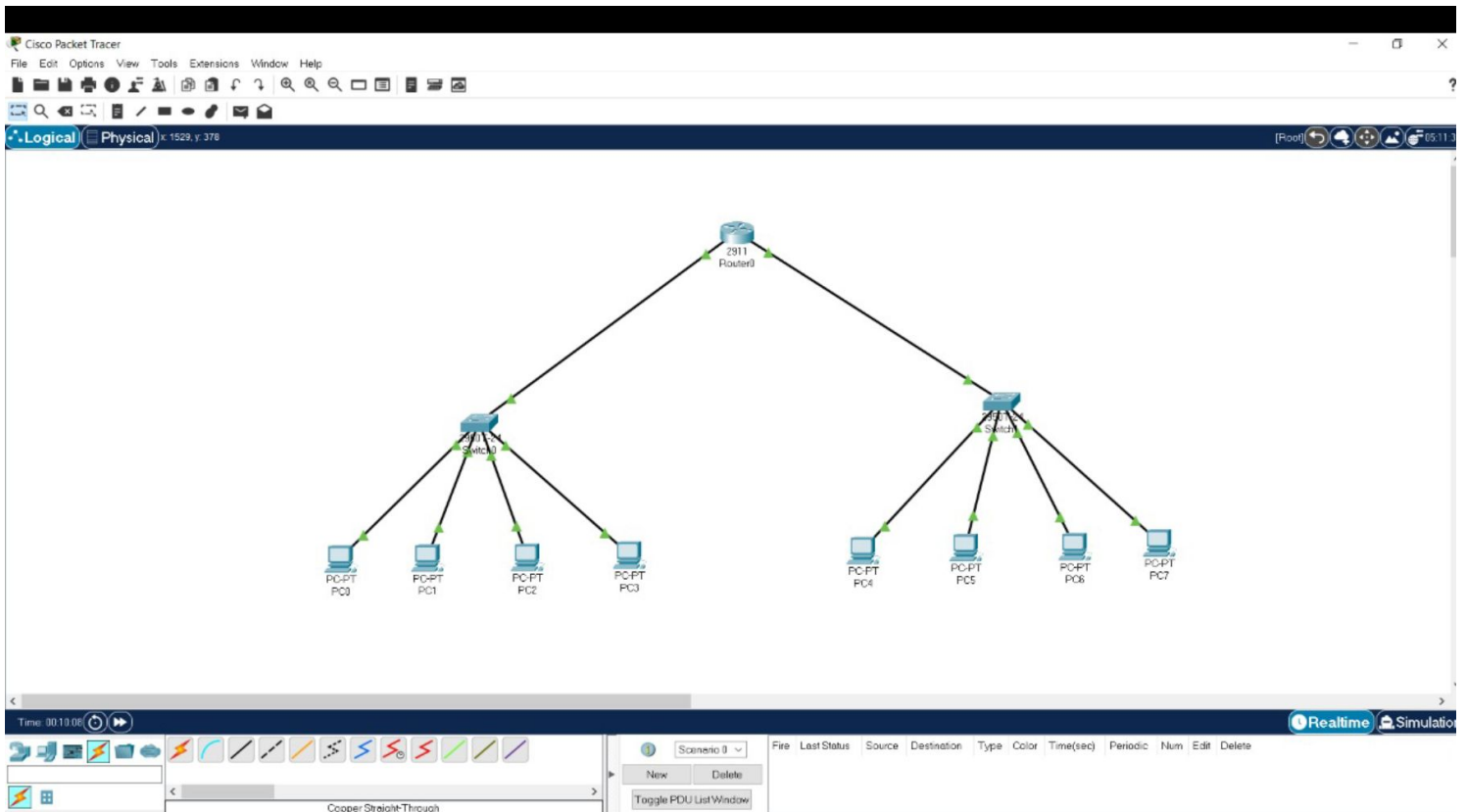
Time 00:17:46.016 PLAY CONTROLS

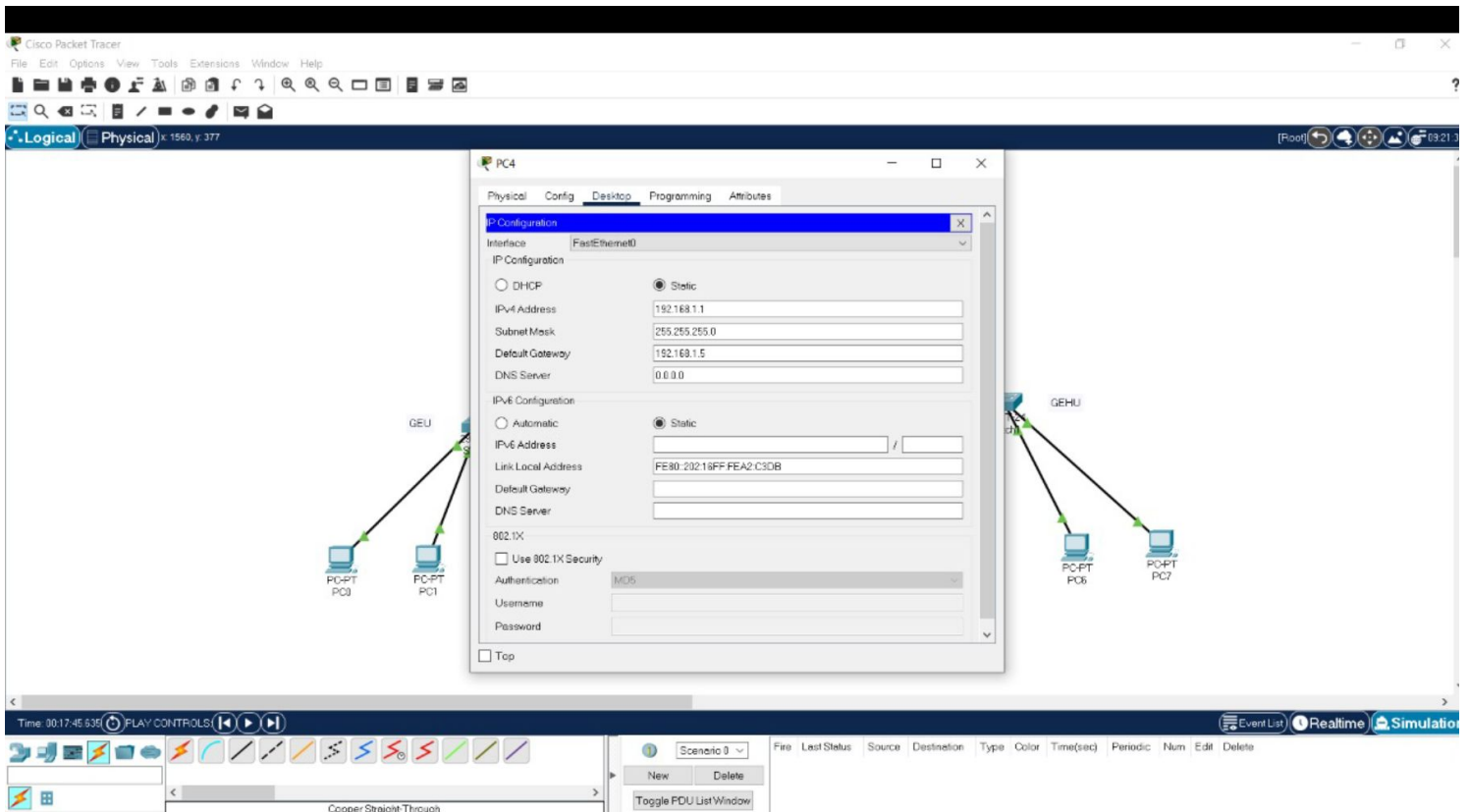
Scenario 0

New Delete

Toggle PDU List Window

| Fire | Last Status | Source | Destination | Type | Color | Time(sec) | Periodic | Num | Edit   | Delete   |
|------|-------------|--------|-------------|------|-------|-----------|----------|-----|--------|----------|
|      | Successful  | PC0    | PC5         | ICMP |       | 0.000     | N        | 0   | (edit) | (delete) |





Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x 1553, y 608

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       |
|      | 0.391     | -           | Switch1   |

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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, Msnapi, 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

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