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Sub: Computer Networks Practical

Problem Statement:

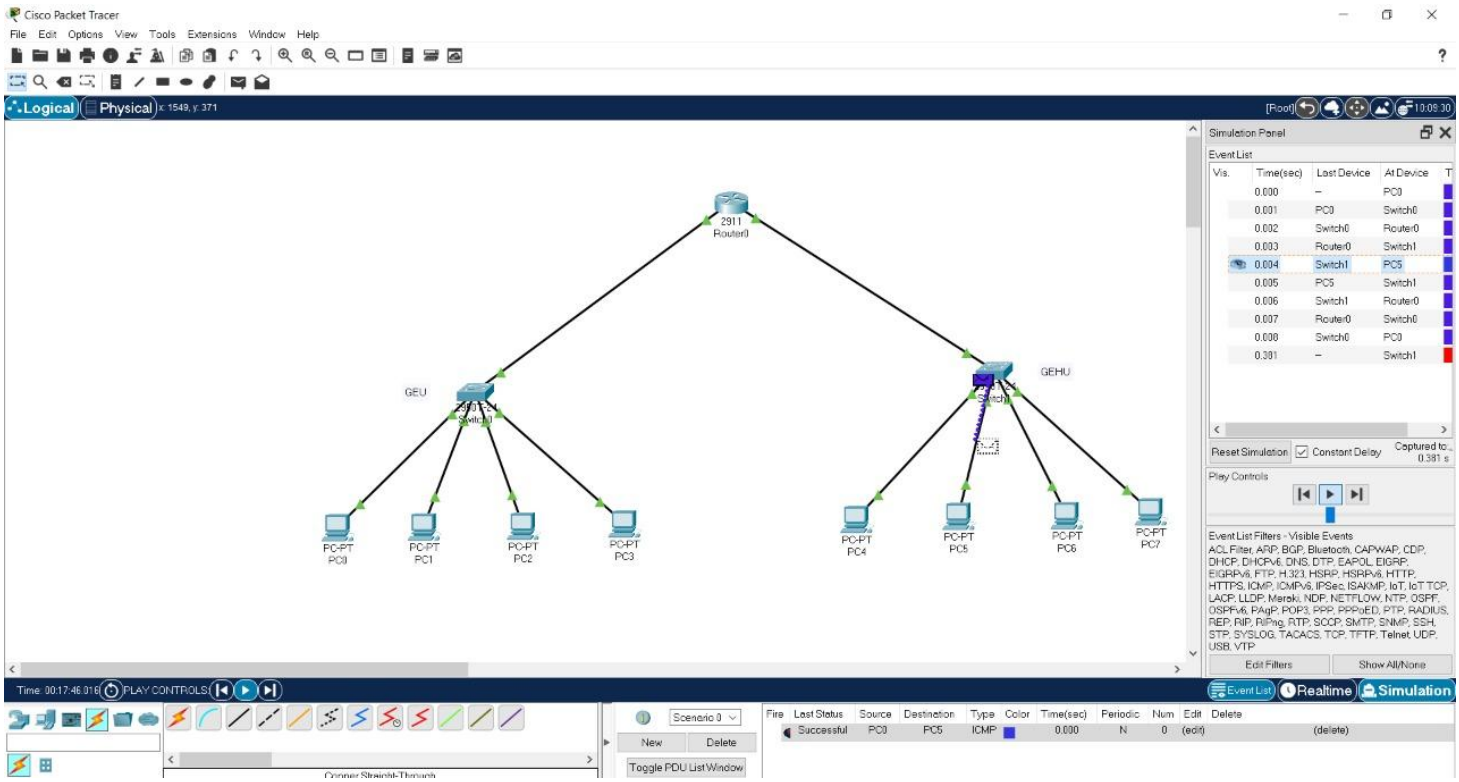
There are three organizations in a city Namely GEU and GEHU, design a network the SOC dept of GEU and GEHU. Also show the communication b/w user number 1 of GEHU and user number 2 of GEHU

Objective:

To understand how to connect LANs using the router.

Steps:

1. Create LAN-1 with 4 pc and create an another network also with 4 pcs.
2. Connect both LAN with the router and configure the router.
3. Default gateway for LAN 1 ip 10.0.0.5, and default gateway for LAN2 ip 192.168.1.5
4. Send PDU to desk if the connection ip established or not.


Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical Physical
2911 Router0
GEU
GEHU
PC-PT PC0
PC-PT PC1
PC-PT PC2
PC-PT PC3
PC-PT PC4
PC-PT PC5
PC-PT PC6
PC-PT 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
0.381 – Switch1
Reset Simulation
Constant Delay
Play Controls
Event List Filters - Visible Events
Edit Filters
Show All/None
Time: 00:17:46.016
PLAY CONTROLS
Event List
Realtime
Simulation
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)