Name: Muskan Pathak
Std Id: 20712179
Course: MCA (2C)
Campus: Behraden (GEHU)

Ans1- Here we will ~~the~~ use various steps for designing HR dept. with the 10 users & communicate ~~the~~ two user number 1 and then number 5.

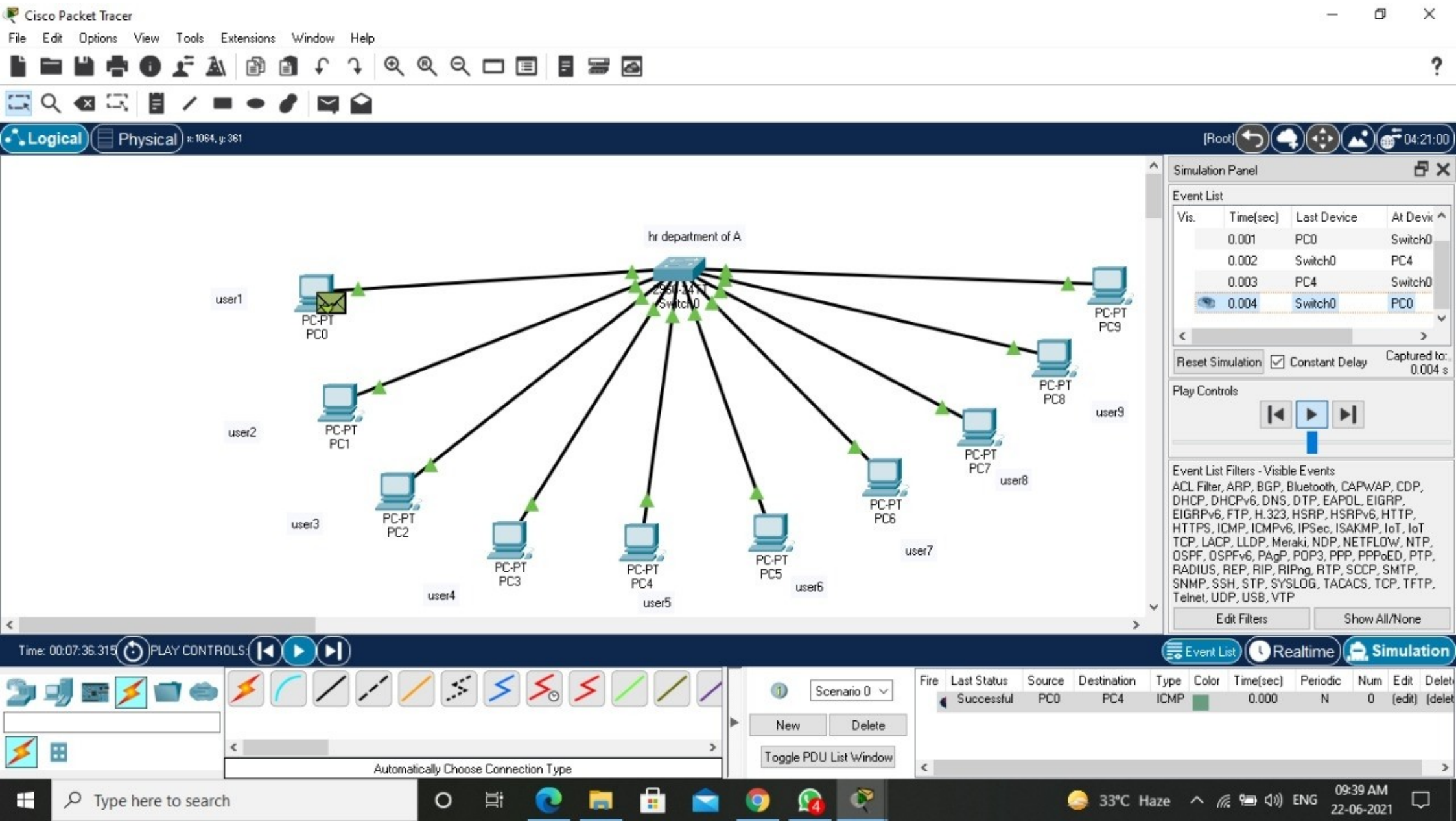
Step 1:- In this step we will take 10 PC's, ~~the~~ one switch by ~~ethernet~~ ethernet wire.

Step2: In this step we will give IP address of PC0 & PC4 device

Step3- ~~The~~ realtime ~~added~~ address Add Simple PDU from PC0 to PC4. It means we want to send data from PC0 to PC4.

Step4- Now ~~we~~ in simulator mode and play, it will data transfer. Data travel from source to Destination.

Step5- After reaching the destination, the destination will send acknowledgement to the source.


Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical
Physical
x: 1064, y: 361
[Root]
04:21:00
hr department of A
2950-24TT
Switch0
PC-PT PC0
PC-PT PC1
PC-PT PC2
PC-PT PC3
PC-PT PC4
PC-PT PC5
PC-PT PC6
PC-PT PC7
PC-PT PC8
PC-PT PC9
user1
user2
user3
user4
user5
user6
user7
user8
user9
Simulation Panel
Event List
Vis. Time(sec) Last Device At Devic
0.001 PC0 Switch0
0.002 Switch0 PC4
0.003 PC4 Switch0
0.004 Switch0 PC0
Reset Simulation
Constant Delay
Captured to: 0.004 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, Meraki, NDP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoED, 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: 00:07:36.315
PLAY CONTROLS:
Event List
Realtime
Simulation
Automatically Choose Connection Type
Scenario 0
New
Delete
Toggle PDU List Window
Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete
Successful PC0 PC4 ICMP 0.000 N 0 (edit) (delete
Type here to search
33°C Haze
ENG
09:39 AM
22-06-2021

Name: Muskan Pathak
Std. Id: 20712179
Course: MCA(2C)
Campus: Dehradun GEHU

Ans2- Here we will take multiple steps to perform this.

Step 1- In this ~~set~~ step we will take one router, two switches in which switch 1 contains GEH SOC department and GEHU of SOC department.

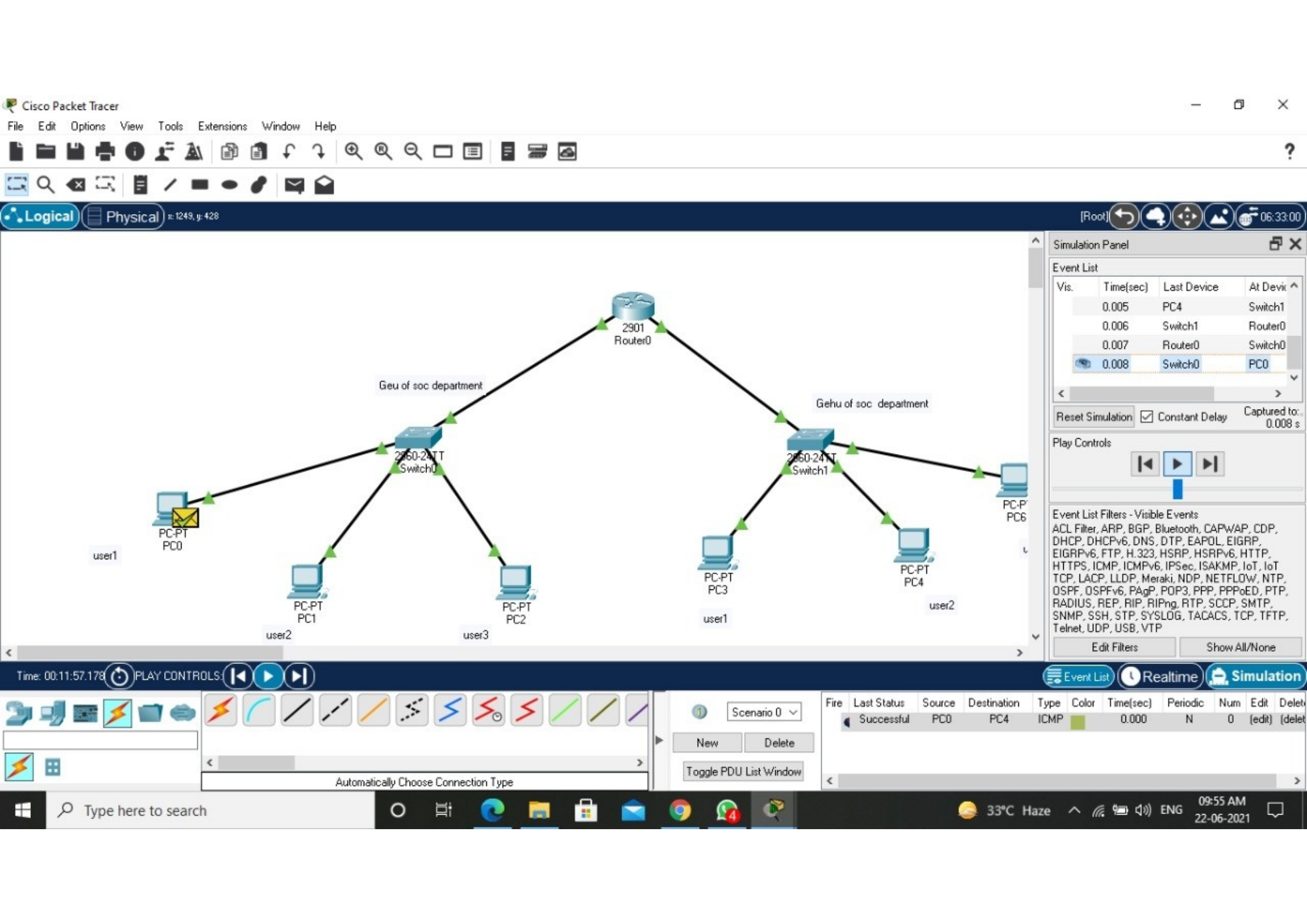
Step 2- Switch 1 (GEU of dept.) has connected with three device PC0, PC1, PC2. & switch 2 has also connected with 3 devices that is PC3, PC4, & PC5.

Step 3- We set the IP address of device (user number1) 1 GEU & device (user number2) for 1.

Step 4- In realtime, PDU(P) from PC0 to PC4 whichrefers we send data from PC0 to PC

Step 5- See in simulation & play, it will show data transfer. Data travel from source to destination.

Step 6- After reaching destination, the destination sent acknowledgment to the source.


Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical
Physical
x: 1249, y: 428
[Root]
06:33:00
2901
Router0
Geu of soc department
Gehu of soc department
2960-24TT
Switch0
2960-24TT
Switch1
PC-PT
PC0
user1
PC-PT
PC1
user2
PC-PT
PC2
user3
PC-PT
PC3
user1
PC-PT
PC4
user2
PC-PT
PC6
Simulation Panel
Event List
Vis. Time(sec) Last Device At Devic
0.005 PC4 Switch1
0.006 Switch1 Router0
0.007 Router0 Switch0
0.008 Switch0 PC0
Reset Simulation
Constant Delay
Captured to: 0.008 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, Meraki, NDP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoED, 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: 00:11:57.178
PLAY CONTROLS:
Event List
Realtime
Simulation
Automatically Choose Connection Type
Scenario 0
New
Delete
Toggle PDU List Window
Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete
Successful PC0 PC4 ICMP 0.000 N 0 (edit) (delete)
Type here to search
33°C Haze
ENG
09:55 AM
22-06-2021