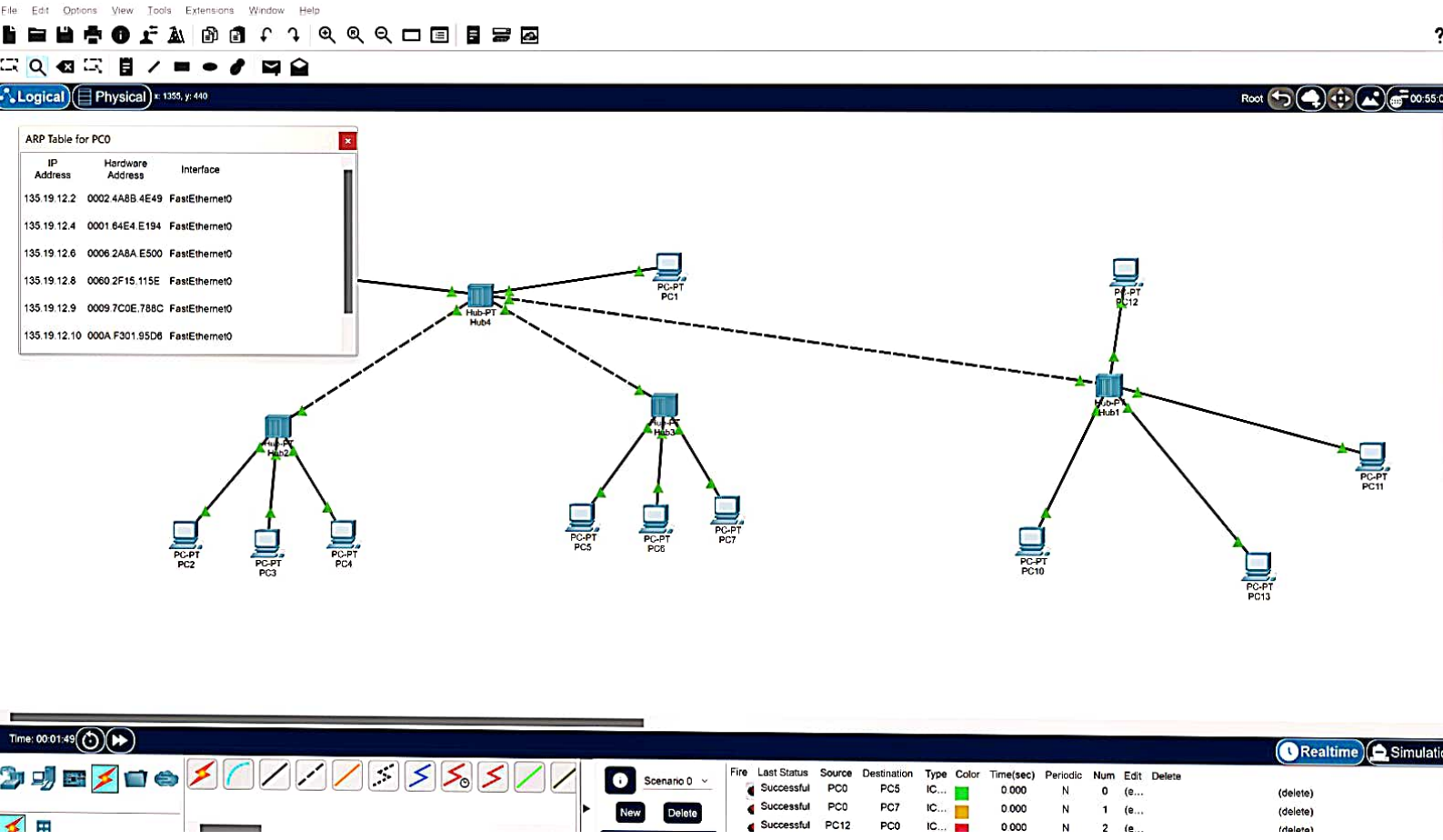
File Edit Options View Tools Extensions Window Help
Logical
Physical
x: 1355, y: 440
Root
ARP Table for PC0
IP Address
Hardware Address
Interface
135.19.12.2 0002.4A8B.4E49 FastEthernet0
135.19.12.4 0001.64E4.E194 FastEthernet0
135.19.12.6 0006.2A8A.E500 FastEthernet0
135.19.12.8 0060.2F15.115E FastEthernet0
135.19.12.9 0009.7C0E.788C FastEthernet0
135.19.12.10 000A.F301.95D6 FastEthernet0
Hub-PT Hub4
PC-PT PC1
PC-PT PC2
PC-PT PC3
PC-PT PC4
PC-PT PC5
PC-PT PC6
PC-PT PC7
PC-PT PC10
PC-PT PC11
PC-PT PC12
PC-PT PC13

Time: 00:01:49
Realtime
Simulation
Scenario 0
New
Delete
Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete
Successful PC0 PC5 IC... 0.000 N 0 (e... (delete)
Successful PC0 PC7 IC... 0.000 N 1 (e... (delete)
Successful PC12 PC0 IC... 0.000 N 2 (e... (delete)

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C Certification

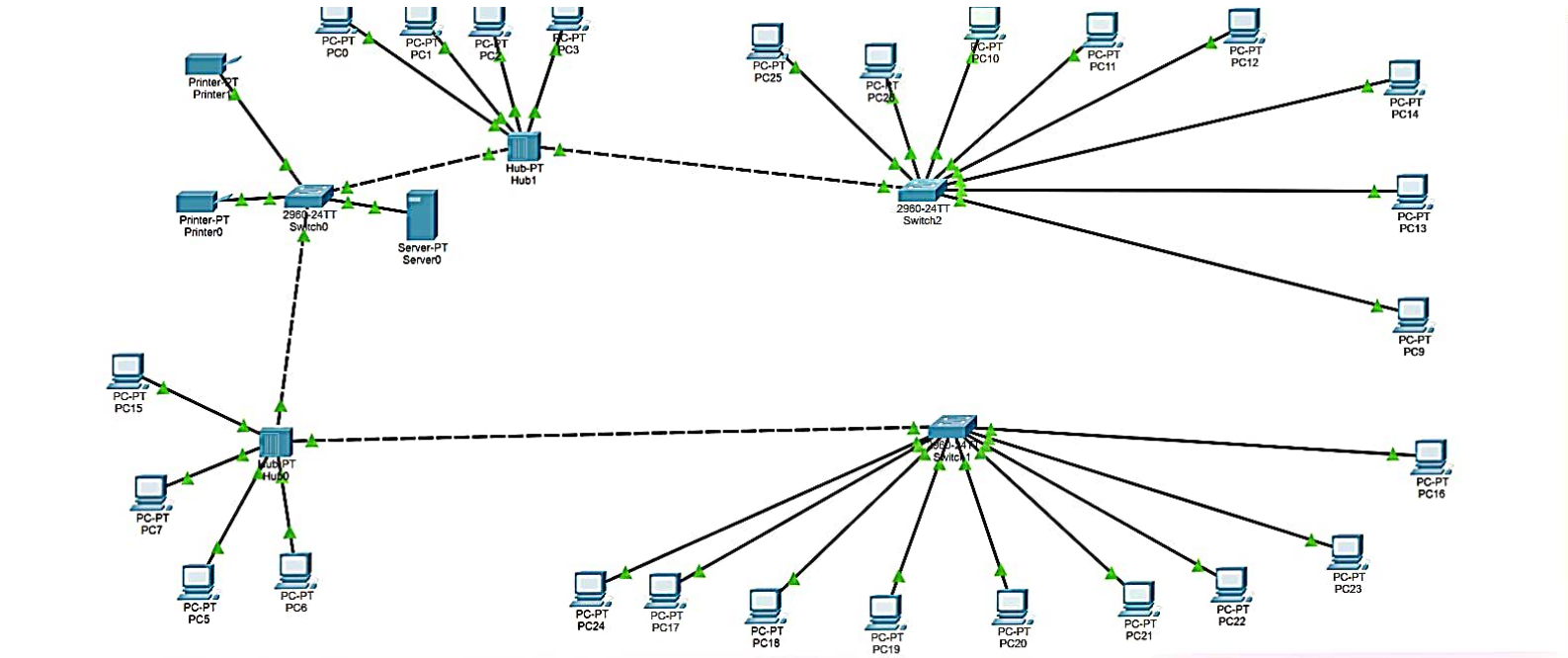
main.c

Save Run

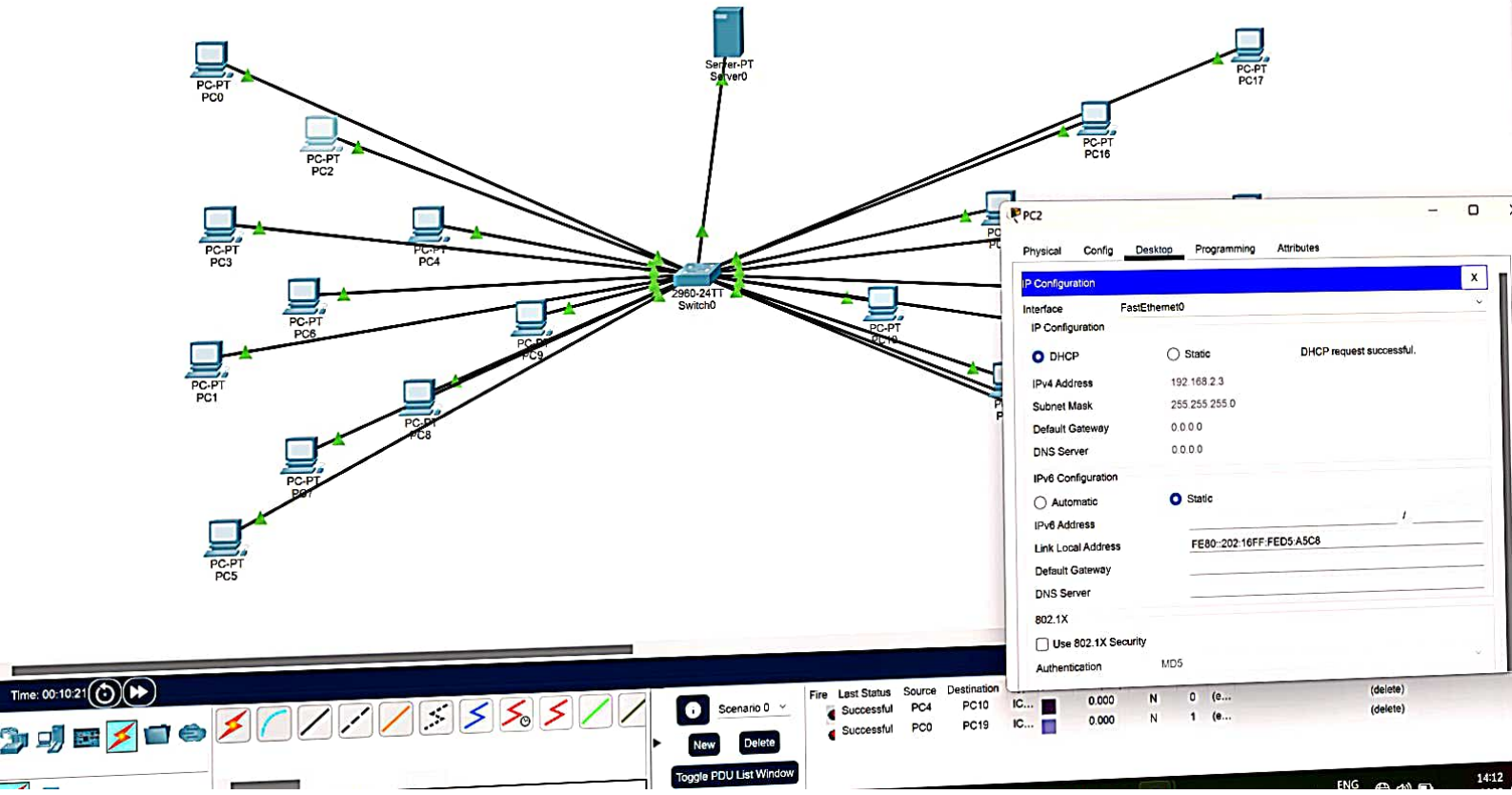
```c
#include <stdio.h>
int main() {
 char data[20], stuffedData[30];
 int i, j, count;
 printf("Enter the data: ");
 scanf("%s", data);
 // Initialize variables
 i = 0;
 j = 0;
 count = 0;
 // Perform bit stuffing
 while (data[i] != '\0') {
 stuffedData[j] = data[i];
 if (data[i] == '1') {
 count++;
 } else {
 count = 0;
 }
 if (count == 5) {
 stuffedData[++j] = '0';
 count = 0;
 }
 i++;
 j++;
 }
 stuffedData[j] = '\0';
 printf("Original Data: %s\n", data);
 printf("After Bit stuffing: %s\n", stuffedData);
 return 0;
}
```

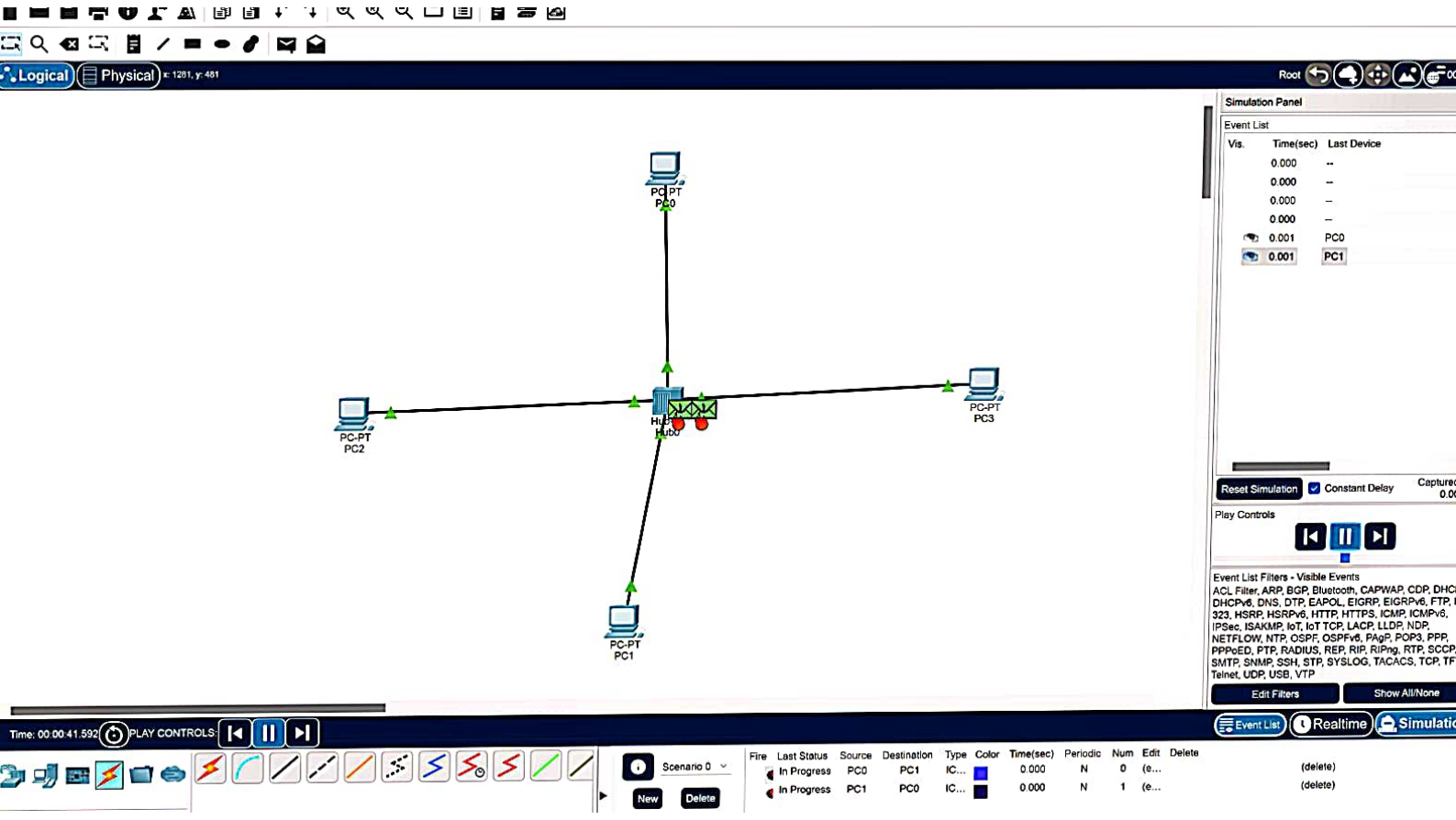
Output

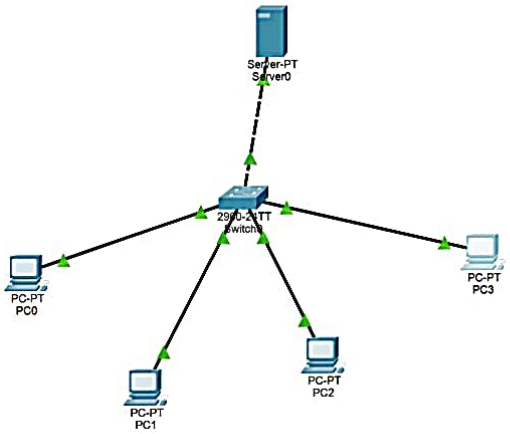
```
/tmp/zqlG91WOMn.o
Enter the data: 1011111100110
Original Data: 1011111100110
After Bit stuffing: 10111110100110
```


PC-PT PC0
PC-PT PC1
PC-PT PC2
PC-PT PC3
Printer-PT Printer
Hub-PT Hub1
Printer-PT Printer0
2960-24TT Switch0
Server-PT Server0
PC-PT PC25
PC-PT PC26
PC-PT PC10
PC-PT PC11
PC-PT PC12
PC-PT PC14
PC-PT PC13
2960-24TT Switch2
PC-PT PC9
PC-PT PC15
Hub-PT Hub0
PC-PT PC7
PC-PT PC5
PC-PT PC6
2960-24TT Switch1
PC-PT PC16
PC-PT PC23
PC-PT PC24
PC-PT PC17
PC-PT PC18
PC-PT PC19
PC-PT PC20
PC-PT PC21
PC-PT PC22

Time: 00:37:13
Realtime
Simulatio
Scenario 0
New
Delete
Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete
Successful PC25 PC19 IC... 0.000 N 0 (e... (delete)
Successful PC7 PC24 IC... 0.000 N 1 (e... (delete)
Successful PC16 PC9 IC... 0.000 N 2 (e... (delete)
Successful PC0 PC15 IC 0.000 N 3 (e... (delete)

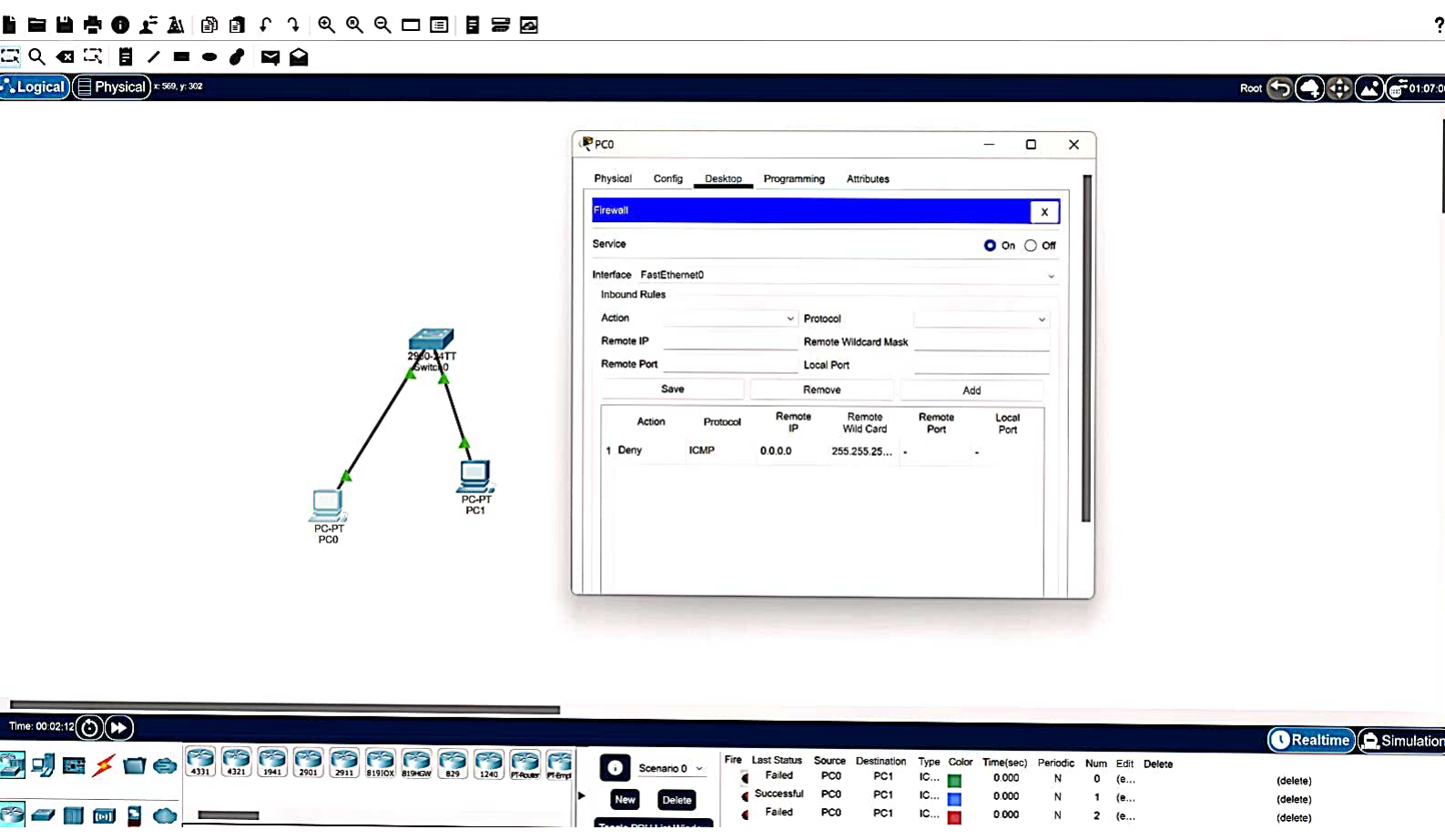

Server-PT
Server0
PC-PT
PC0
PC-PT
PC2
PC-PT
PC3
PC-PT
PC4
PC-PT
PC6
PC-PT
PC1
PC-PT
PC8
PC-PT
PC7
PC-PT
PC5
2960-24TT
Switch0
PC-PT
PC16
PC-PT
PC17
PC-PT
PC10
PC2
Physical
Config
Desktop
Programming
Attributes
IP Configuration
Interface
FastEthernet0
IP Configuration
DHCP
Static
DHCP request successful.
IPv4 Address
192.168.2.3
Subnet Mask
255.255.255.0
Default Gateway
0.0.0.0
DNS Server
0.0.0.0
IPv6 Configuration
Automatic
Static
IPv6 Address
Link Local Address
FE80::202:16FF:FED5:A5C8
Default Gateway
DNS Server
802.1X
Use 802.1X Security
Authentication
MD5
Time: 00:10:21
Scenario 0
New
Delete
Toggle PDU List Window
Fire
Last Status
Source
Destination
Successful
PC4
PC10
Successful
PC0
PC19
0.000
0.000
(delete)
(delete)
ENG
14:12


Logical
Physical
Root
PC-PT
PC0
PC-PT
PC2
PC-PT
PC3
PC-PT
PC1
Simulation Panel
Event List
Vis.
Time(sec)
Last Device
0.000
0.000
0.000
0.000
0.001
PC0
0.001
PC1
Reset Simulation
Constant Delay
Play Controls
Event List Filters - Visible Events
Edit Filters
Show All/None
Time: 00:00:41.592
PLAY CONTROLS:
Event List
Realtime
Scenario 0
New
Delete
Fire
Last Status
Source
Destination
Type
Color
Time(sec)
Periodic
Num
Edit
Delete
In Progress
PC0
PC1
0.000
N
0
(delete)
In Progress
PC1
PC0
0.000
N
1
(delete)

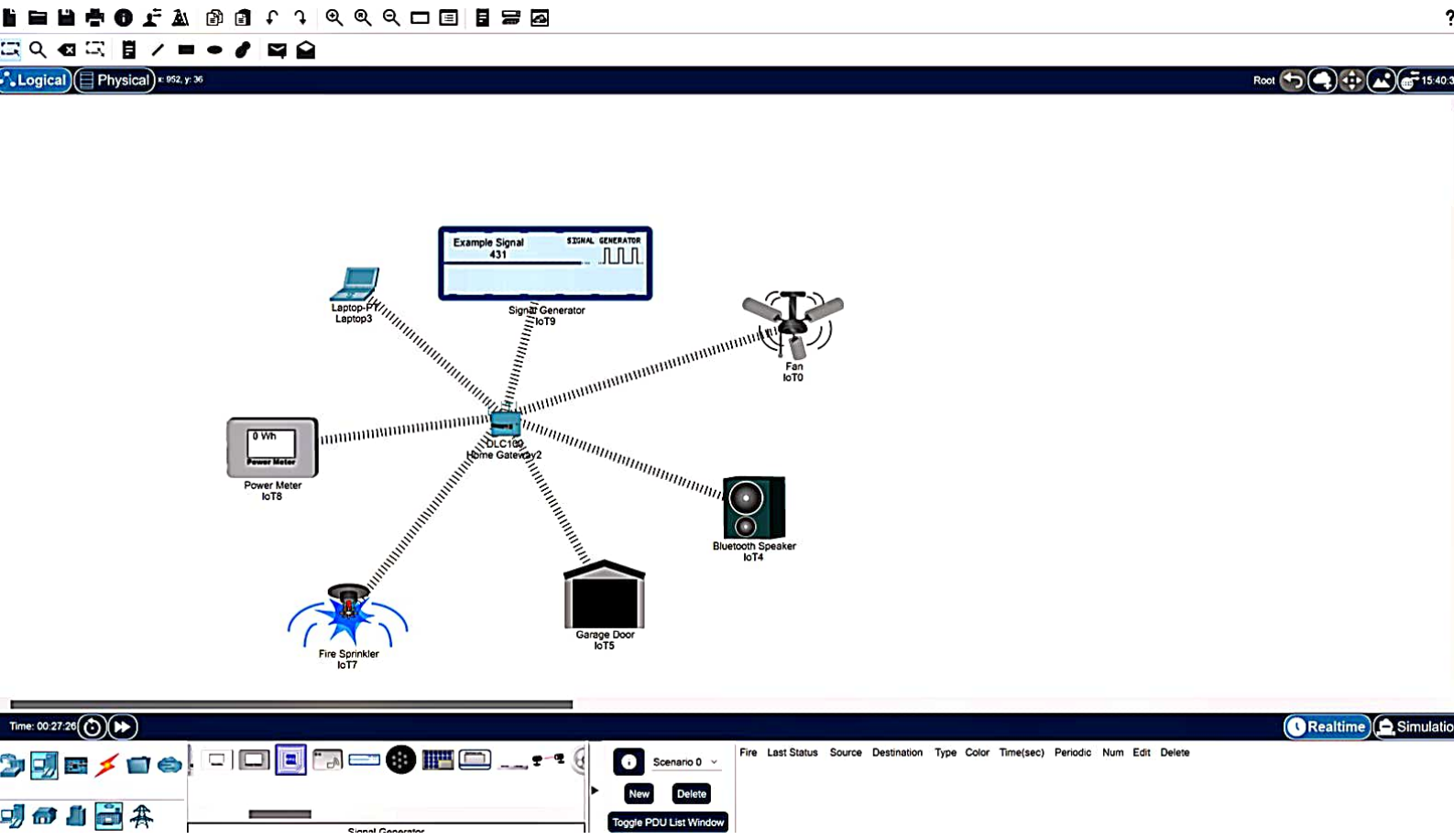

Server-PT
Server0
2960-24TT
Switch0
PC-PT
PC0
PC-PT
PC1
PC-PT
PC2
PC-PT
PC3

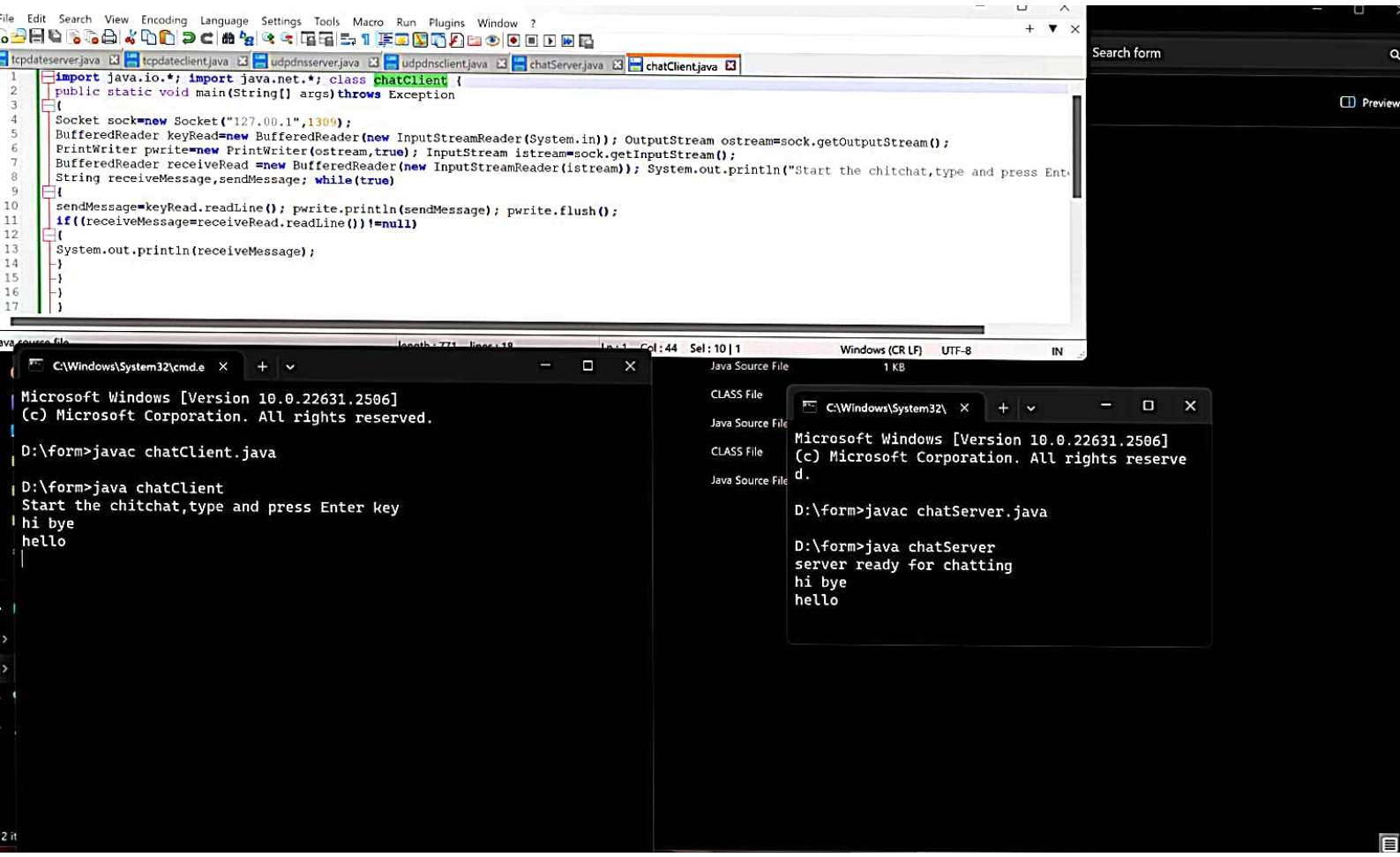
PC3
Physical
Config
Desktop
Programming
Attributes
IP Configuration
X
Interface
FastEthernet0
IP Configuration
DHCP
Static
IPv4 Address
192.122.2.5
Subnet Mask
255.255.255.0
Default Gateway
0.0.0.0
DNS Server
0.0.0.0
IPv6 Configuration
Automatic
Static
IPv6 Address
Link Local Address
FE80::207:ECFF:FE0A:638E
Default Gateway
DNS Server
802.1X
Use 802.1X Security
Authentication
MD5
Username
Password
Top

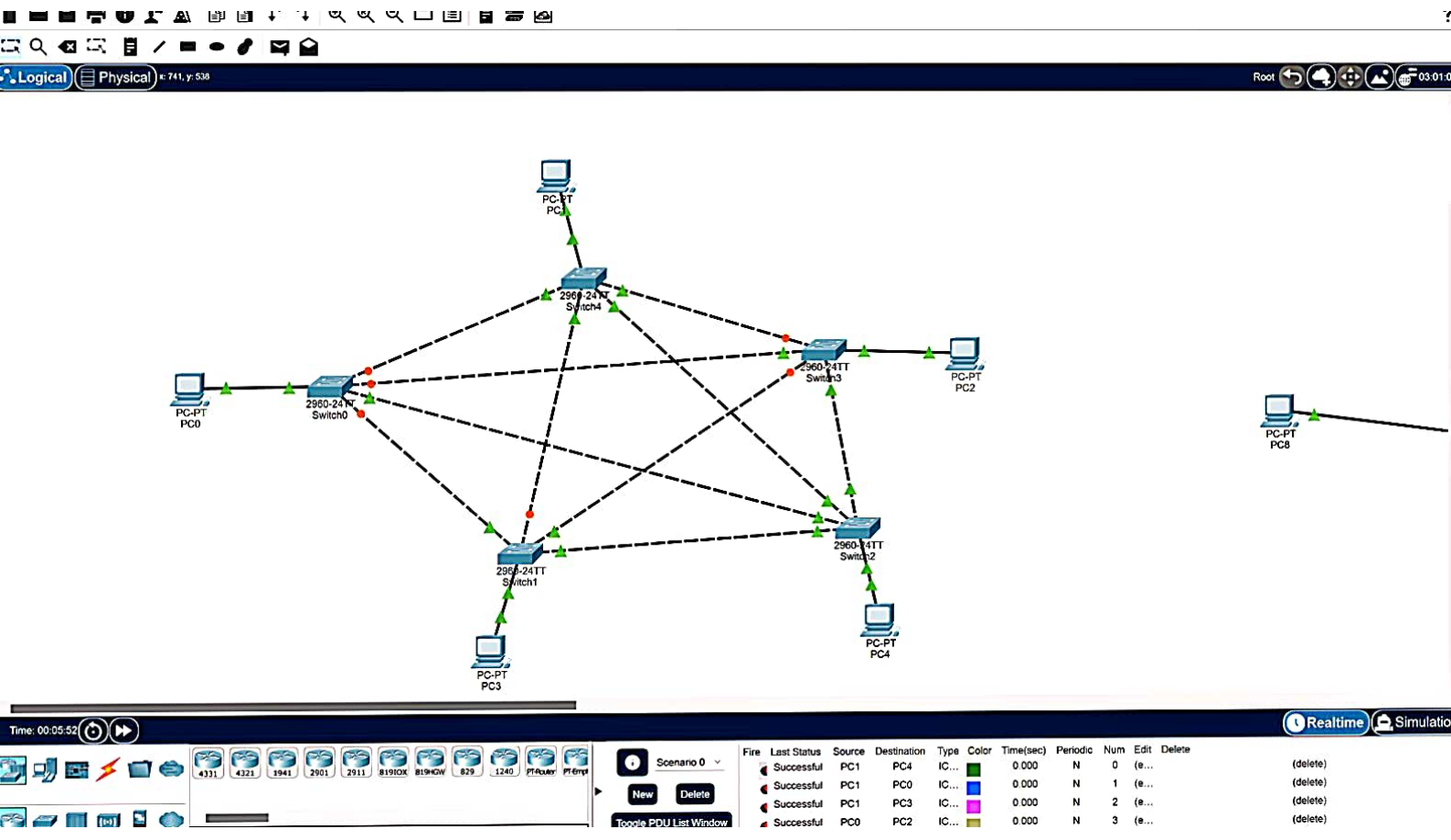
Time: 00:09:19
Realtime
Simulatio
4331
4321
1941
2901
2911
819IOX
819HGW
829
1240
PT-Router
PT-Empt
Scenario 0
New
Delete
Fire
Last Status
Source
Destination
Type
Color
Time(sec)
Periodic
Num
Edit
Delete
Successful
PC0
PC3
IC...
0.000
N
0
(e...
(delete)


Logical
Physical
Root
PC0
Physical
Config
Desktop
Programming
Attributes
Firewall
Service
On
Off
Interface FastEthernet0
Inbound Rules
Action
Protocol
Remote IP
Remote Wildcard Mask
Remote Port
Local Port
Save
Remove
Add
Action
Protocol
Remote IP
Remote Wild Card
Remote Port
Local Port
1 Deny
ICMP
0.0.0.0
255.255.25...
2960-24TT
Switch0
PC-PT
PC0
PC-PT
PC1

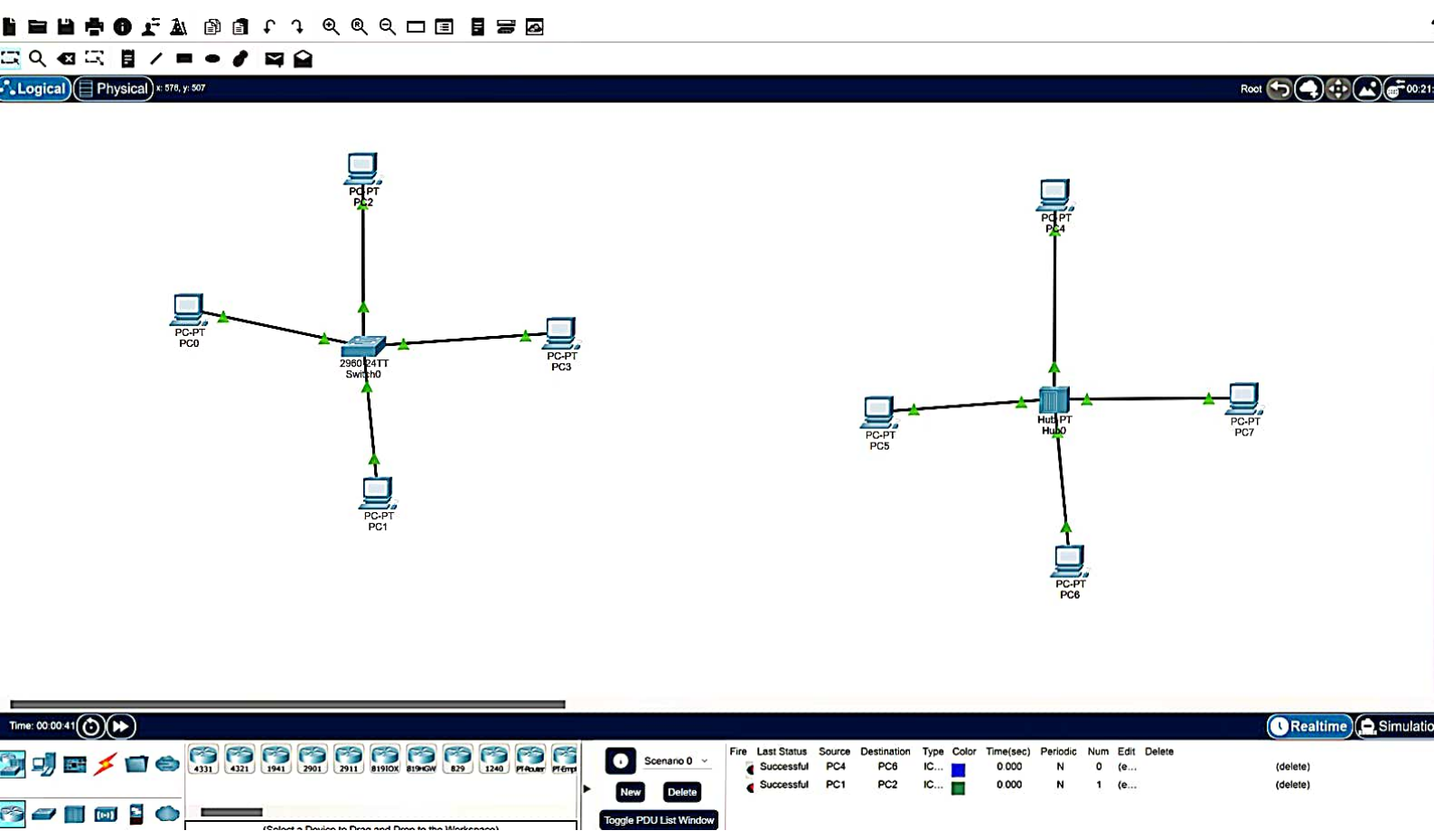
Time: 00:02:12
Realtime
Simulation
Scenario 0
New
Delete
Fire
Last Status
Source
Destination
Type
Color
Time(sec)
Periodic
Num
Edit
Delete
Failed
PC0
PC1
0.000
N
0
(delete)
Successful
PC0
PC1
0.000
N
1
(delete)
Failed
PC0
PC1
0.000
N
2
(delete)


Logical
Physical
x: 952, y: 36
Root
Example Signal
431
SIGNAL GENERATOR
Signal Generator
IoT9
Laptop-PT
Laptop3
Fan
IoT0
0 Wh
Power Meter
Power Meter
IoT8
DLC100
Home Gateway2
Bluetooth Speaker
IoT4
Garage Door
IoT5
Fire Sprinkler
IoT7
Time: 00:27:26
Realtime
Simulatio
Scenario 0
New
Delete
Toggle PDU List Window
Fire
Last Status
Source
Destination
Type
Color
Time(sec)
Periodic
Num
Edit
Delete

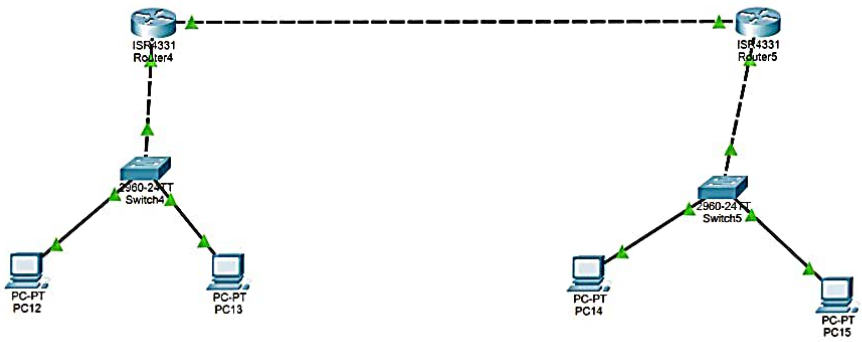

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
tcpdateserver.java
tcpdateclient.java
udpdnsserver.java
udpdnsclient.java
chatServer.java
chatClient.java
import java.io.*; import java.net.*; class chatClient {
public static void main(String[] args)throws Exception
{
Socket sock=new Socket("127.00.1",1309);
BufferedReader keyRead=new BufferedReader(new InputStreamReader(System.in)); OutputStream ostream=sock.getOutputStream();
PrintWriter pwrite=new PrintWriter(ostream,true); InputStream istream=sock.getInputStream();
BufferedReader receiveRead =new BufferedReader(new InputStreamReader(istream)); System.out.println("Start the chitchat,type and press Ent
String receiveMessage,sendMessage; while(true)
{
sendMessage=keyRead.readLine(); pwrite.println(sendMessage); pwrite.flush();
if((receiveMessage=receiveRead.readLine())!=null)
{
System.out.println(receiveMessage);
}
}
}
}
Ln : 1 Col : 44 Sel : 10 | 1
Windows (CR LF) UTF-8
IN
Search form
Preview
C:\Windows\System32\cmd.e
Microsoft Windows [Version 10.0.22631.2506]
(c) Microsoft Corporation. All rights reserved.
D:\form>javac chatClient.java
D:\form>java chatClient
Start the chitchat,type and press Enter key
hi bye
hello
Java Source File 1 KB
CLASS File
Java Source File
CLASS File
Java Source File
C:\Windows\System32\
Microsoft Windows [Version 10.0.22631.2506]
(c) Microsoft Corporation. All rights reserve
d.
D:\form>javac chatServer.java
D:\form>java chatServer
server ready for chatting
hi bye
hello


Logical
Physical
Root
PC-PT PC1
2960-24TT Switch4
2960-24TT Switch3
PC-PT PC2
PC-PT PC0
2960-24TT Switch0
PC-PT PC8
2960-24TT Switch2
2960-24TT Switch1
PC-PT PC4
PC-PT PC3

Time: 00:05:52
Realtime
Simulation
Scenario 0
New
Delete
Toggle PDU List Window
Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete
Successful PC1 PC4 IC... 0.000 N 0 (e... (delete)
Successful PC1 PC0 IC... 0.000 N 1 (e... (delete)
Successful PC1 PC3 IC... 0.000 N 2 (e... (delete)
Successful PC0 PC2 IC... 0.000 N 3 (e... (delete)


Logical
Physical
Root
PC-PT
PC2
PC-PT
PC0
2960-24TT
Switch0
PC-PT
PC3
PC-PT
PC1
PC-PT
PC4
PC-PT
PC5
Hub-PT
Hub0
PC-PT
PC7
PC-PT
PC6

Time: 00:00:41
Realtime
Simulation
4331
4321
1941
2901
2911
819IOX
819HGW
829
1240
Scenario 0
New
Delete
Toggle PDU List Window
Fire
Last Status
Source
Destination
Type
Color
Time(sec)
Periodic
Num
Edit
Delete
Successful
PC4
PC6
IC...
0.000
N
0
(e...
(delete)
Successful
PC1
PC2
IC...
0.000
N
1
(e...
(delete)



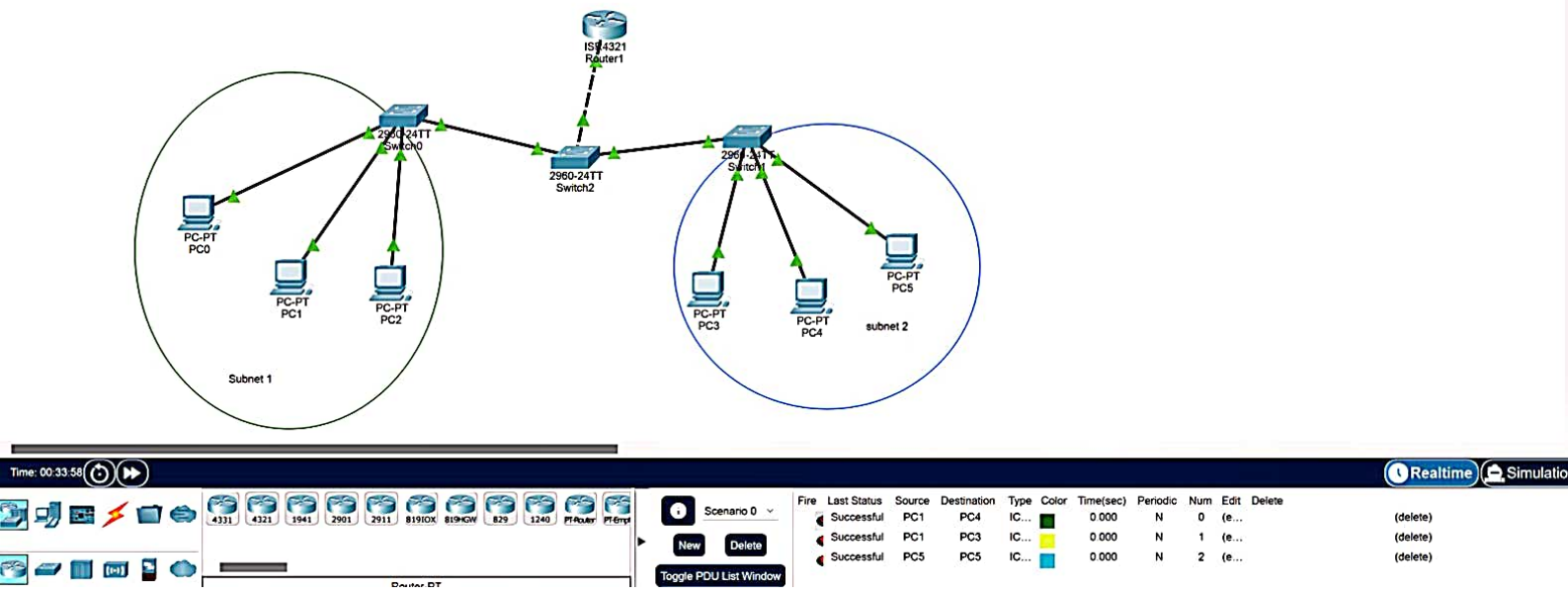
Time: 00:13:00

Realtime | Simulatio

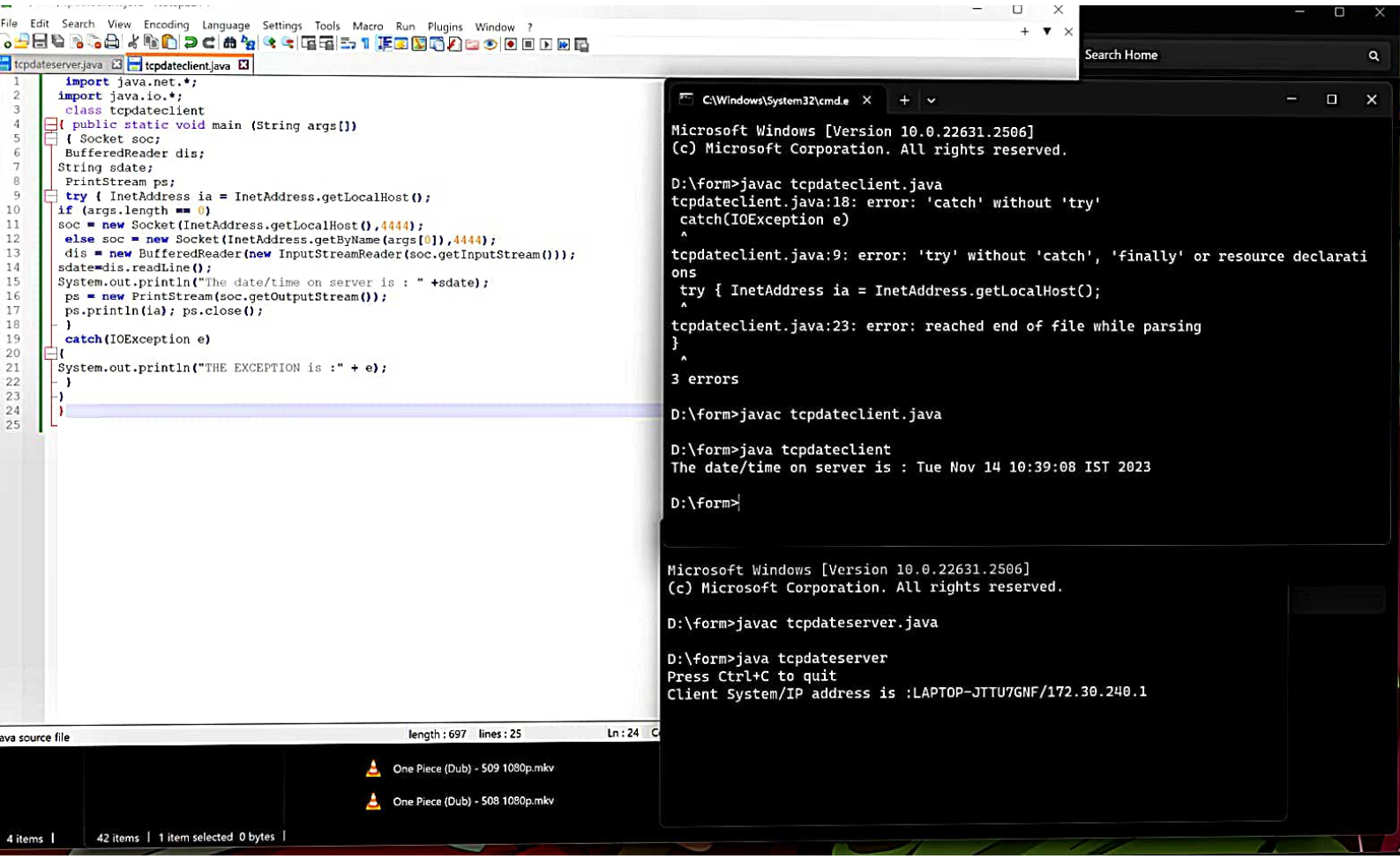
Scenario 0

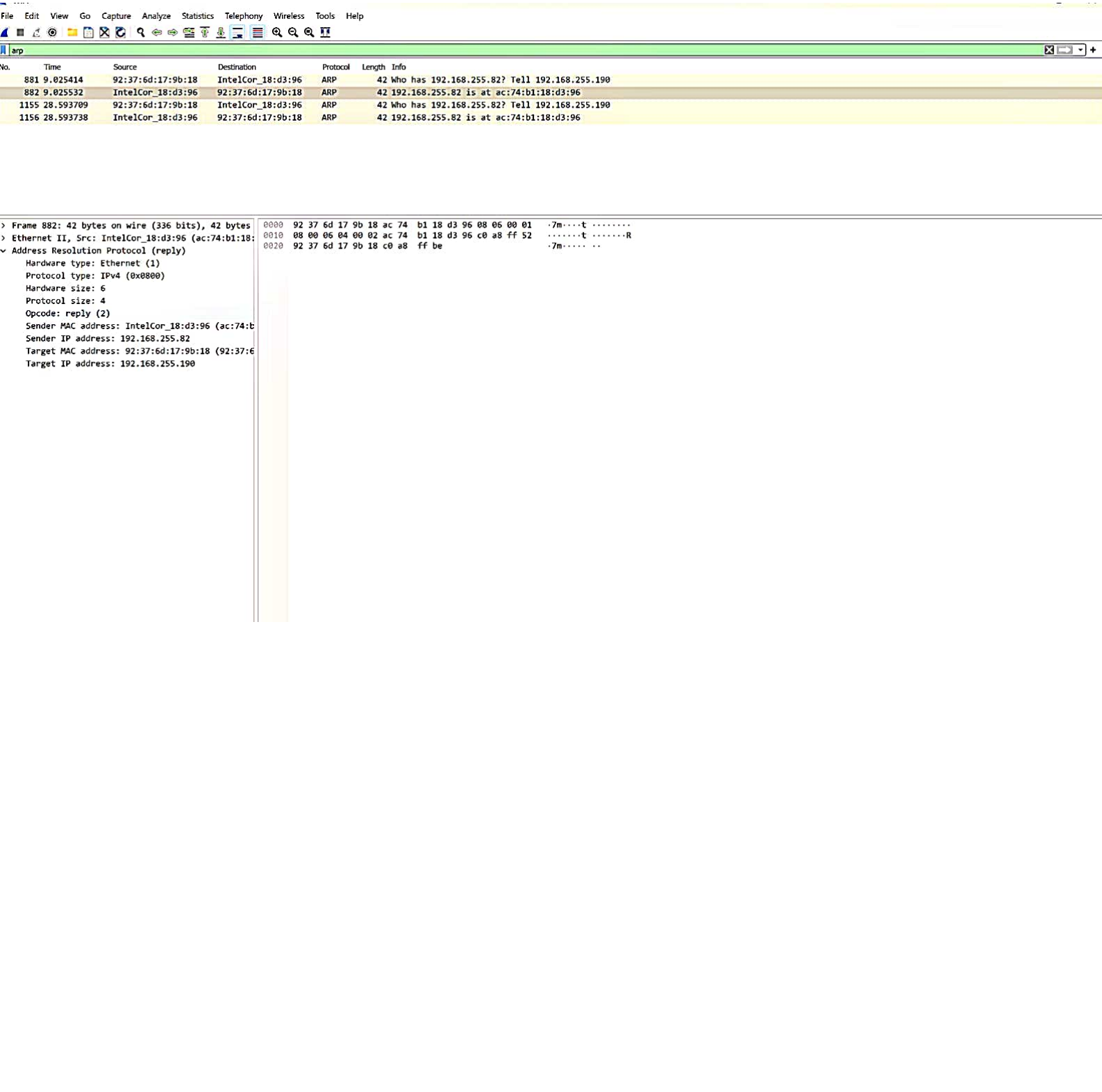
New | Delete

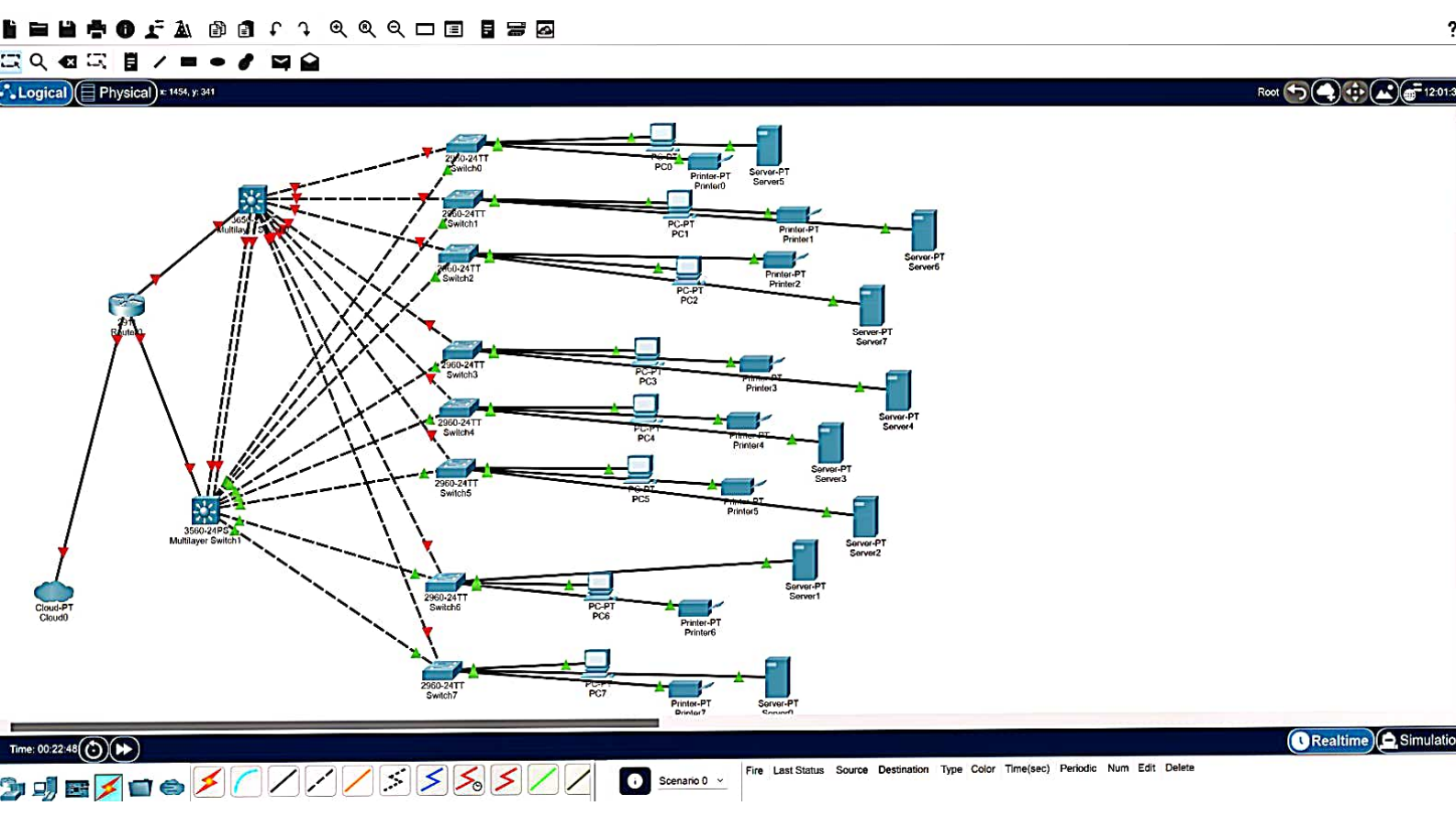
Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC12	PC14	IC...		0.000	N	0	(e...	(delete)
	Successful	PC13	PC15	IC...		0.000	N	1	(e...	(delete)

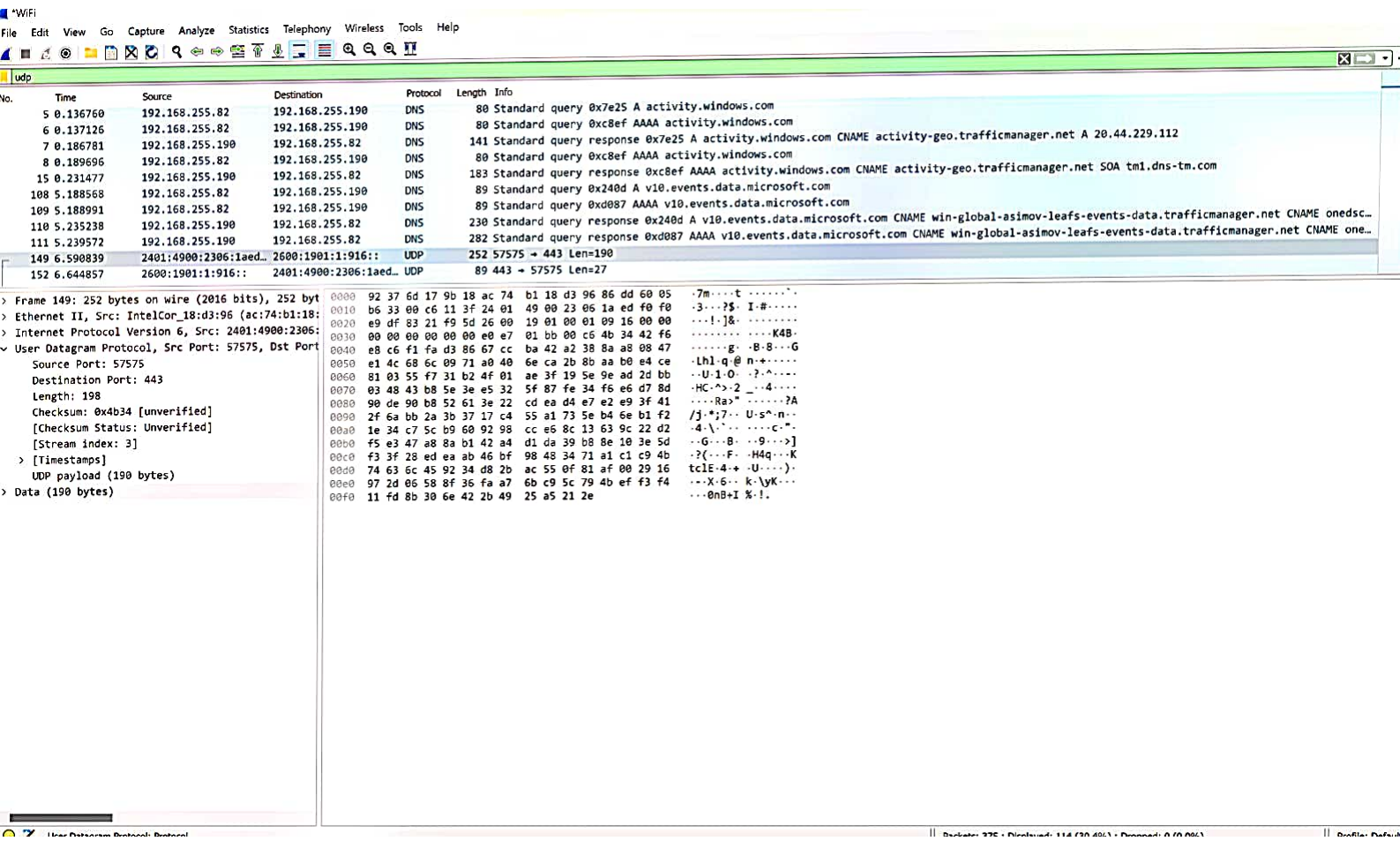

ISR4321
Router1
2960-24TT
Switch0
2960-24TT
Switch2
2960-24TT
Switch1
PC-PT
PC0
PC-PT
PC1
PC-PT
PC2
PC-PT
PC3
PC-PT
PC4
PC-PT
PC5
Subnet 1
subnet 2

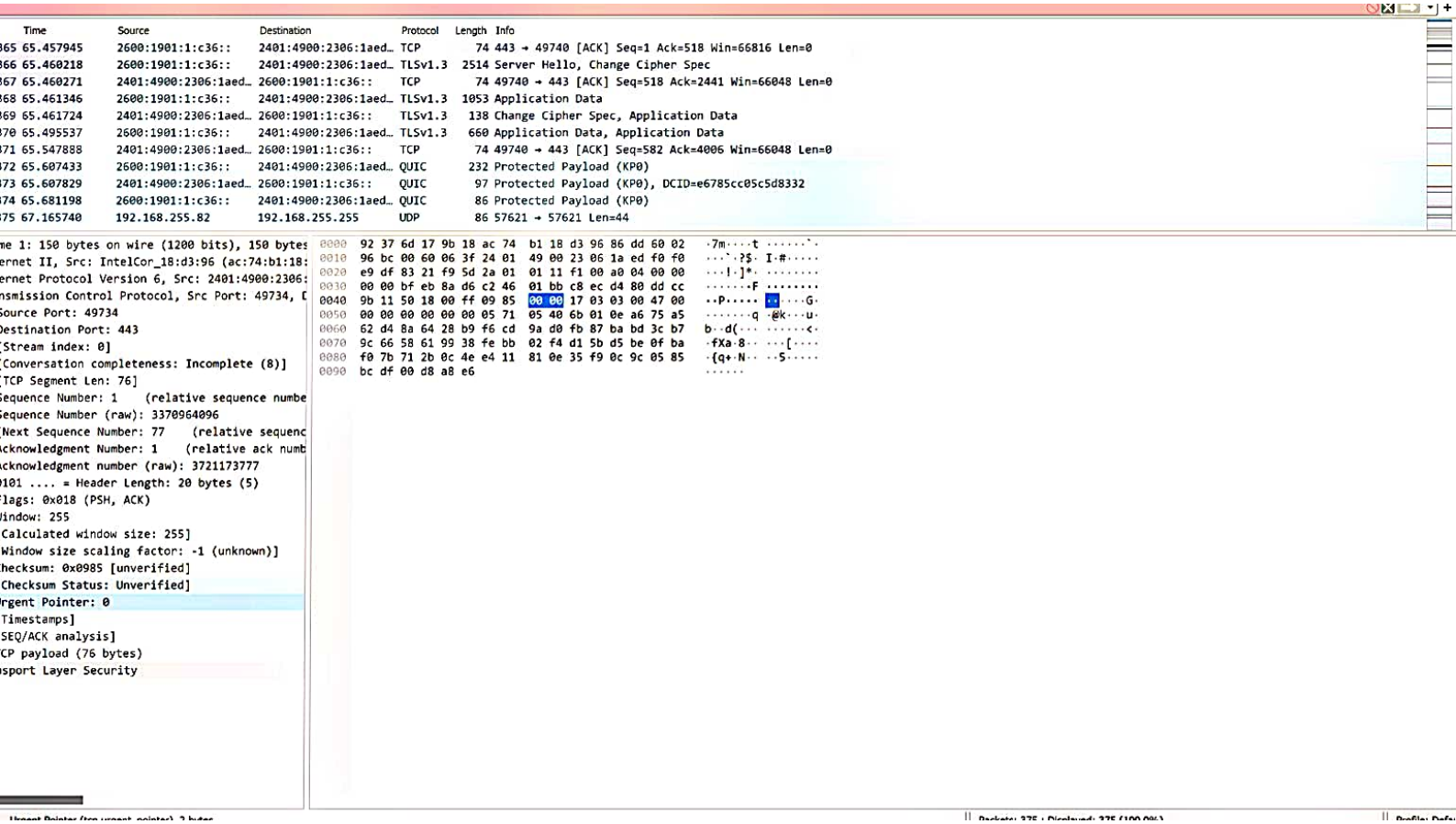
Time: 00:33:58
Realtime
Simulatio
4331
4321
1941
2901
2911
819IOX
819HGW
829
1240
Scenario 0
New
Delete
Toggle PDU List Window
Fire
Last Status
Source
Destination
Type
Color
Time(sec)
Periodic
Num
Edit
Delete
Successful PC1 PC4 IC... 0.000 N 0 (e... (delete)
Successful PC1 PC3 IC... 0.000 N 1 (e... (delete)
Successful PC5 PC5 IC... 0.000 N 2 (e... (delete)

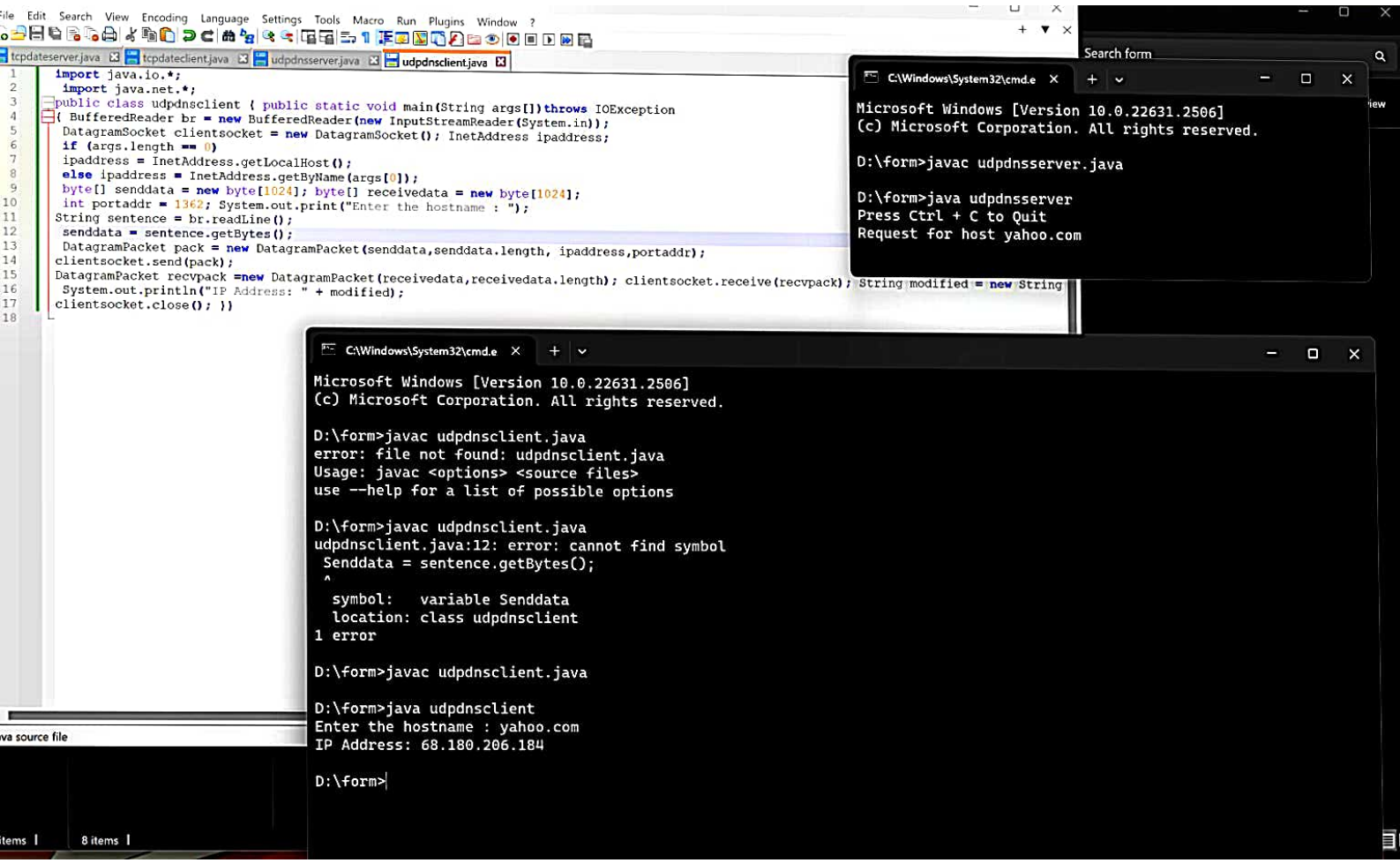

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
tcpdateserver.java
tcpdateclient.java
import java.net.*;
import java.io.*;
class tcpdateclient
{ public static void main (String args[])
{ Socket soc;
BufferedReader dis;
String sdate;
PrintStream ps;
try { InetAddress ia = InetAddress.getLocalHost();
if (args.length == 0)
soc = new Socket(InetAddress.getLocalHost(),4444);
else soc = new Socket(InetAddress.getByName(args[0]),4444);
dis = new BufferedReader(new InputStreamReader(soc.getInputStream()));
sdate=dis.readLine();
System.out.println("The date/time on server is : " +sdate);
ps = new PrintStream(soc.getOutputStream());
ps.println(ia); ps.close();
}
catch(IOException e)
{
System.out.println("THE EXCEPTION is :" + e);
}
}
ava source file
length : 697 lines : 25
Ln : 24
C:\Windows\System32\cmd.e
Microsoft Windows [Version 10.0.22631.2506]
(c) Microsoft Corporation. All rights reserved.
D:\form>javac tcpdateclient.java
tcpdateclient.java:18: error: 'catch' without 'try'
catch(IOException e)
^
tcpdateclient.java:9: error: 'try' without 'catch', 'finally' or resource declarations
try { InetAddress ia = InetAddress.getLocalHost();
^
tcpdateclient.java:23: error: reached end of file while parsing
}
^
3 errors
D:\form>javac tcpdateclient.java
D:\form>java tcpdateclient
The date/time on server is : Tue Nov 14 10:39:08 IST 2023
D:\form>
Search Home
Microsoft Windows [Version 10.0.22631.2506]
(c) Microsoft Corporation. All rights reserved.
D:\form>javac tcpdateserver.java
D:\form>java tcpdateserver
Press Ctrl+C to quit
Client System/IP address is :LAPTOP-JTTU7GNF/172.30.240.1
One Piece (Dub) - 509 1080p.mkv
One Piece (Dub) - 508 1080p.mkv
4 items
42 items | 1 item selected 0 bytes

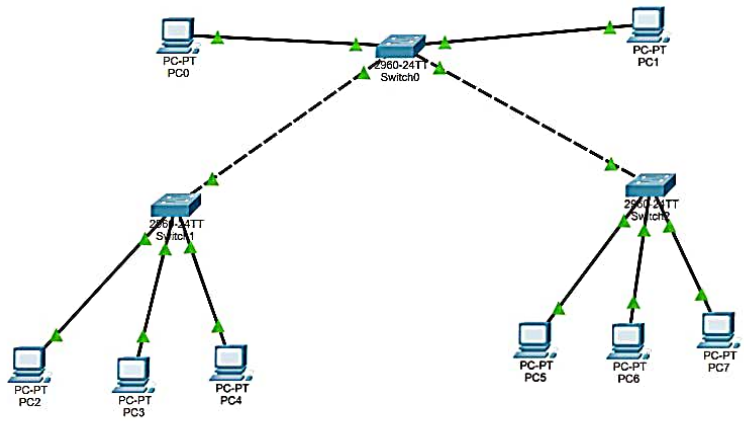

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
arp
No. Time Source Destination Protocol Length Info
881 9.025414 92:37:6d:17:9b:18 IntelCor_18:d3:96 ARP 42 Who has 192.168.255.82? Tell 192.168.255.190
882 9.025532 IntelCor_18:d3:96 92:37:6d:17:9b:18 ARP 42 192.168.255.82 is at ac:74:b1:18:d3:96
1155 28.593709 92:37:6d:17:9b:18 IntelCor_18:d3:96 ARP 42 Who has 192.168.255.82? Tell 192.168.255.190
1156 28.593738 IntelCor_18:d3:96 92:37:6d:17:9b:18 ARP 42 192.168.255.82 is at ac:74:b1:18:d3:96
> Frame 882: 42 bytes on wire (336 bits), 42 bytes
> Ethernet II, Src: IntelCor_18:d3:96 (ac:74:b1:18:
Address Resolution Protocol (reply)
Hardware type: Ethernet (1)
Protocol type: IPv4 (0x0800)
Hardware size: 6
Protocol size: 4
Opcode: reply (2)
Sender MAC address: IntelCor_18:d3:96 (ac:74:b
Sender IP address: 192.168.255.82
Target MAC address: 92:37:6d:17:9b:18 (92:37:6
Target IP address: 192.168.255.190
0000 92 37 6d 17 9b 18 ac 74 b1 18 d3 96 08 06 00 01 ·7m····t ····· ·
0010 08 00 06 04 00 02 ac 74 b1 18 d3 96 c0 a8 ff 52 ·····t ·····R
0020 92 37 6d 17 9b 18 c0 a8 ff be ·7m····· ··


Logical
Physical
Root
Router0
3560-24PS
Multilayer Switch1
Cloud-PT
Cloud0
2960-24TT
Switch0
Switch1
Switch2
Switch3
Switch4
Switch5
Switch6
Switch7
PC-PT
PC0
PC1
PC2
PC3
PC4
PC5
PC6
PC7
Printer-PT
Printer0
Printer1
Printer2
Printer3
Printer4
Printer5
Printer6
Server-PT
Server5
Server6
Server7
Server4
Server3
Server2
Server1
Time: 00:22:48
Realtime
Scenario 0
Fire
Last Status
Source
Destination
Type
Color
Time(sec)
Periodic
Num
Edit
Delete


*WiFi
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
udp
No. Time Source Destination Protocol Length Info
5 0.136760 192.168.255.82 192.168.255.190 DNS 80 Standard query 0x7e25 A activity.windows.com
6 0.137126 192.168.255.82 192.168.255.190 DNS 80 Standard query 0xc8ef AAAA activity.windows.com
7 0.186781 192.168.255.190 192.168.255.82 DNS 141 Standard query response 0x7e25 A activity.windows.com CNAME activity-geo.trafficmanager.net A 20.44.229.112
8 0.189696 192.168.255.82 192.168.255.190 DNS 80 Standard query 0xc8ef AAAA activity.windows.com
15 0.231477 192.168.255.190 192.168.255.82 DNS 183 Standard query response 0xc8ef AAAA activity.windows.com CNAME activity-geo.trafficmanager.net SOA tm1.dns-tm.com
108 5.188568 192.168.255.82 192.168.255.190 DNS 89 Standard query 0x240d A v10.events.data.microsoft.com
109 5.188991 192.168.255.82 192.168.255.190 DNS 89 Standard query 0xd087 AAAA v10.events.data.microsoft.com
110 5.235238 192.168.255.190 192.168.255.82 DNS 230 Standard query response 0x240d A v10.events.data.microsoft.com CNAME win-global-asimov-leafs-events-data.trafficmanager.net CNAME onedsc…
111 5.239572 192.168.255.190 192.168.255.82 DNS 282 Standard query response 0xd087 AAAA v10.events.data.microsoft.com CNAME win-global-asimov-leafs-events-data.trafficmanager.net CNAME one…
149 6.590839 2401:4900:2306:1aed… 2600:1901:1:916:: UDP 252 57575 → 443 Len=190
152 6.644857 2600:1901:1:916:: 2401:4900:2306:1aed… UDP 89 443 → 57575 Len=27
Frame 149: 252 bytes on wire (2016 bits), 252 byt
Ethernet II, Src: IntelCor_18:d3:96 (ac:74:b1:18:
Internet Protocol Version 6, Src: 2401:4900:2306:
User Datagram Protocol, Src Port: 57575, Dst Port
Source Port: 57575
Destination Port: 443
Length: 198
Checksum: 0x4b34 [unverified]
[Checksum Status: Unverified]
[Stream index: 3]
[Timestamps]
UDP payload (190 bytes)
Data (190 bytes)
0000 92 37 6d 17 9b 18 ac 74 b1 18 d3 96 86 dd 60 05
0010 b6 33 00 c6 11 3f 24 01 49 00 23 06 1a ed f0 f0
0020 e9 df 83 21 f9 5d 26 00 19 01 00 01 09 16 00 00
0030 00 00 00 00 00 00 e0 e7 01 bb 00 c6 4b 34 42 f6
0040 e8 c6 f1 fa d3 86 67 cc ba 42 a2 38 8a a8 08 47
0050 e1 4c 68 6c 09 71 a0 40 6e ca 2b 8b aa b0 e4 ce
0060 81 03 55 f7 31 b2 4f 01 ae 3f 19 5e 9e ad 2d bb
0070 03 48 43 b8 5e 3e e5 32 5f 87 fe 34 f6 e6 d7 8d
0080 90 de 90 b8 52 61 3e 22 cd ea d4 e7 e2 e9 3f 41
0090 2f 6a bb 2a 3b 37 17 c4 55 a1 73 5e b4 6e b1 f2
00a0 1e 34 c7 5c b9 60 92 98 cc e6 8c 13 63 9c 22 d2
00b0 f5 e3 47 a8 8a b1 42 a4 d1 da 39 b8 8e 10 3e 5d
00c0 f3 3f 28 ed ea ab 46 bf 98 48 34 71 a1 c1 c9 4b
00d0 74 63 6c 45 92 34 d8 2b ac 55 0f 81 af 00 29 16
00e0 97 2d 06 58 8f 36 fa a7 6b c9 5c 79 4b ef f3 f4
00f0 11 fd 8b 30 6e 42 2b 49 25 a5 21 2e


Time Source Destination Protocol Length Info
365 65.457945 2600:1901:1:c36:: 2401:4900:2306:1aed… TCP 74 443 → 49740 [ACK] Seq=1 Ack=518 Win=66816 Len=0
366 65.460218 2600:1901:1:c36:: 2401:4900:2306:1aed… TLSv1.3 2514 Server Hello, Change Cipher Spec
367 65.460271 2401:4900:2306:1aed… 2600:1901:1:c36:: TCP 74 49740 → 443 [ACK] Seq=518 Ack=2441 Win=66048 Len=0
368 65.461346 2600:1901:1:c36:: 2401:4900:2306:1aed… TLSv1.3 1053 Application Data
369 65.461724 2401:4900:2306:1aed… 2600:1901:1:c36:: TLSv1.3 138 Change Cipher Spec, Application Data
370 65.495537 2600:1901:1:c36:: 2401:4900:2306:1aed… TLSv1.3 660 Application Data, Application Data
371 65.547888 2401:4900:2306:1aed… 2600:1901:1:c36:: TCP 74 49740 → 443 [ACK] Seq=582 Ack=4006 Win=66048 Len=0
372 65.607433 2600:1901:1:c36:: 2401:4900:2306:1aed… QUIC 232 Protected Payload (KP0)
373 65.607829 2401:4900:2306:1aed… 2600:1901:1:c36:: QUIC 97 Protected Payload (KP0), DCID=e6785cc05c5d8332
374 65.681198 2600:1901:1:c36:: 2401:4900:2306:1aed… QUIC 86 Protected Payload (KP0)
375 67.165740 192.168.255.82 192.168.255.255 UDP 86 57621 → 57621 Len=44
me 1: 150 bytes on wire (1200 bits), 150 bytes
ernet II, Src: IntelCor_18:d3:96 (ac:74:b1:18:
ernet Protocol Version 6, Src: 2401:4900:2306:
nsmission Control Protocol, Src Port: 49734, D
Source Port: 49734
Destination Port: 443
[Stream index: 0]
[Conversation completeness: Incomplete (8)]
[TCP Segment Len: 76]
Sequence Number: 1 (relative sequence numbe
Sequence Number (raw): 3370964096
[Next Sequence Number: 77 (relative sequenc
Acknowledgment Number: 1 (relative ack numb
Acknowledgment number (raw): 3721173777
0101 .... = Header Length: 20 bytes (5)
Flags: 0x018 (PSH, ACK)
Window: 255
[Calculated window size: 255]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0985 [unverified]
[Checksum Status: Unverified]
Urgent Pointer: 0
[Timestamps]
[SEQ/ACK analysis]
TCP payload (76 bytes)
Transport Layer Security
0000 92 37 6d 17 9b 18 ac 74 b1 18 d3 96 86 dd 60 02 ·7m····t ·····`·
0010 96 bc 00 60 06 3f 24 01 49 00 23 06 1a ed f0 f0 ···`·?$· I·#·····
0020 e9 df 83 21 f9 5d 2a 01 01 11 f1 00 a0 04 00 00 ···!·]*· ·····
0030 00 00 bf eb 8a d6 c2 46 01 bb c8 ec d4 80 dd cc ·····F ·····
0040 9b 11 50 18 00 ff 09 85 00 00 17 03 03 00 47 00 ··P····· ·· ···G·
0050 00 00 00 00 00 00 05 71 05 40 6b 01 0e a6 75 a5 ·····q ·@k···u·
0060 62 d4 8a 64 28 b9 f6 cd 9a d0 fb 87 ba bd 3c b7 b··d(··· ·····<·
0070 9c 66 58 61 99 38 fe bb 02 f4 d1 5b d5 be 0f ba ·fXa·8·· ···[····
0080 f0 7b 71 2b 0c 4e e4 11 81 0e 35 f9 0c 9c 05 85 ·{q+·N·· ··5·····
0090 bc df 00 d8 a8 e6 ····· ·····


File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
tcpdateserver.java
tcpdateclient.java
udpdnsserver.java
udpdnsclient.java
import java.io.*;
import java.net.*;
public class udpdnsclient { public static void main(String args[])throws IOException
{ BufferedReader br = new BufferedReader(new InputStreamReader(System.in));
DatagramSocket clientsocket = new DatagramSocket(); InetAddress ipaddress;
if (args.length == 0)
ipaddress = InetAddress.getLocalHost();
else ipaddress = InetAddress.getByName(args[0]);
byte[] senddata = new byte[1024]; byte[] receivedata = new byte[1024];
int portaddr = 1362; System.out.print("Enter the hostname : ");
String sentence = br.readLine();
senddata = sentence.getBytes();
DatagramPacket pack = new DatagramPacket(senddata,senddata.length, ipaddress,portaddr);
clientsocket.send(pack);
DatagramPacket recvpack =new DatagramPacket(receivedata,receivedata.length); clientsocket.receive(recvpack); String modified = new String
System.out.println("IP Address: " + modified);
clientsocket.close(); }}
va source file
items
8 items
C:\Windows\System32\cmd.e
Microsoft Windows [Version 10.0.22631.2506]
(c) Microsoft Corporation. All rights reserved.
D:\form>javac udpdnsserver.java
D:\form>java udpdnsserver
Press Ctrl + C to Quit
Request for host yahoo.com
Search form
C:\Windows\System32\cmd.e
Microsoft Windows [Version 10.0.22631.2506]
(c) Microsoft Corporation. All rights reserved.
D:\form>javac udpdnsclient.java
error: file not found: udpdnsclient.java
Usage: javac <options> <source files>
use --help for a list of possible options
D:\form>javac udpdnsclient.java
udpdnsclient.java:12: error: cannot find symbol
Senddata = sentence.getBytes();
^
symbol: variable Senddata
location: class udpdnsclient
1 error
D:\form>javac udpdnsclient.java
D:\form>java udpdnsclient
Enter the hostname : yahoo.com
IP Address: 68.180.206.184
D:\form>



Time: 00:00:54

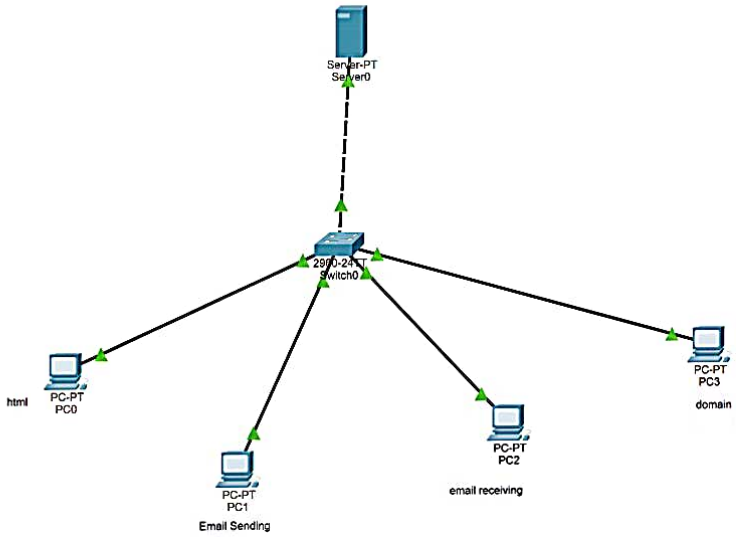
Realtime | Simulati

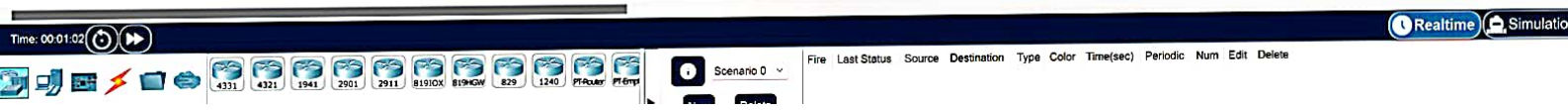
Scenario 0

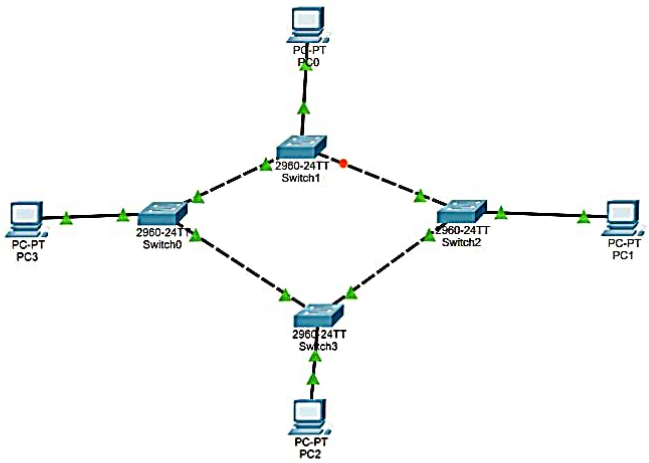
New | Delete

Toggle PDU List Window

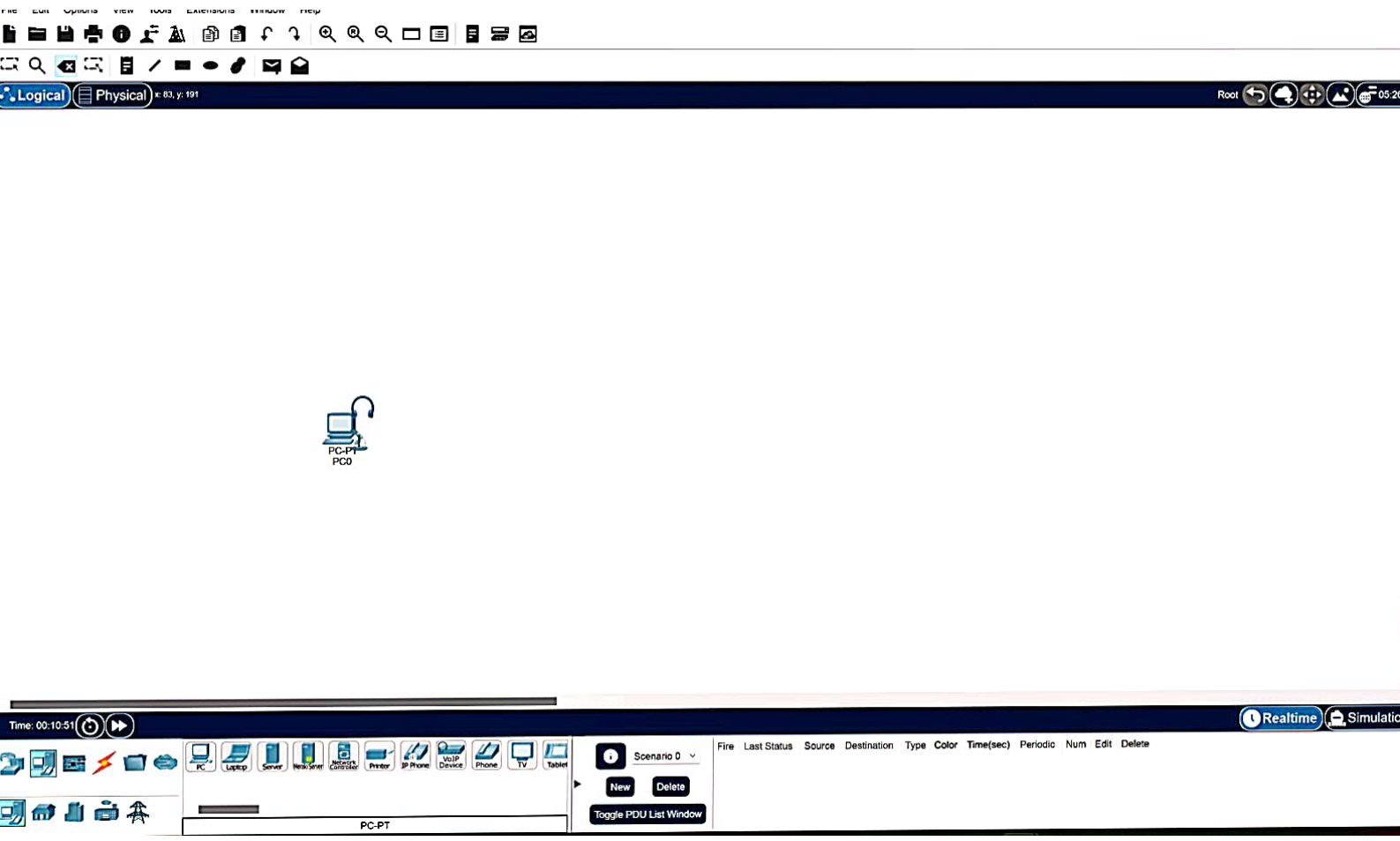
Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC0	PC6	IC...		0.000	N	0	(e...	(delete)
	Successful	PC1	PC4	IC...		0.000	N	1	(e...	(delete)
	Successful	PC1	PC7	IC...		0.000	N	2	(e...	(delete)

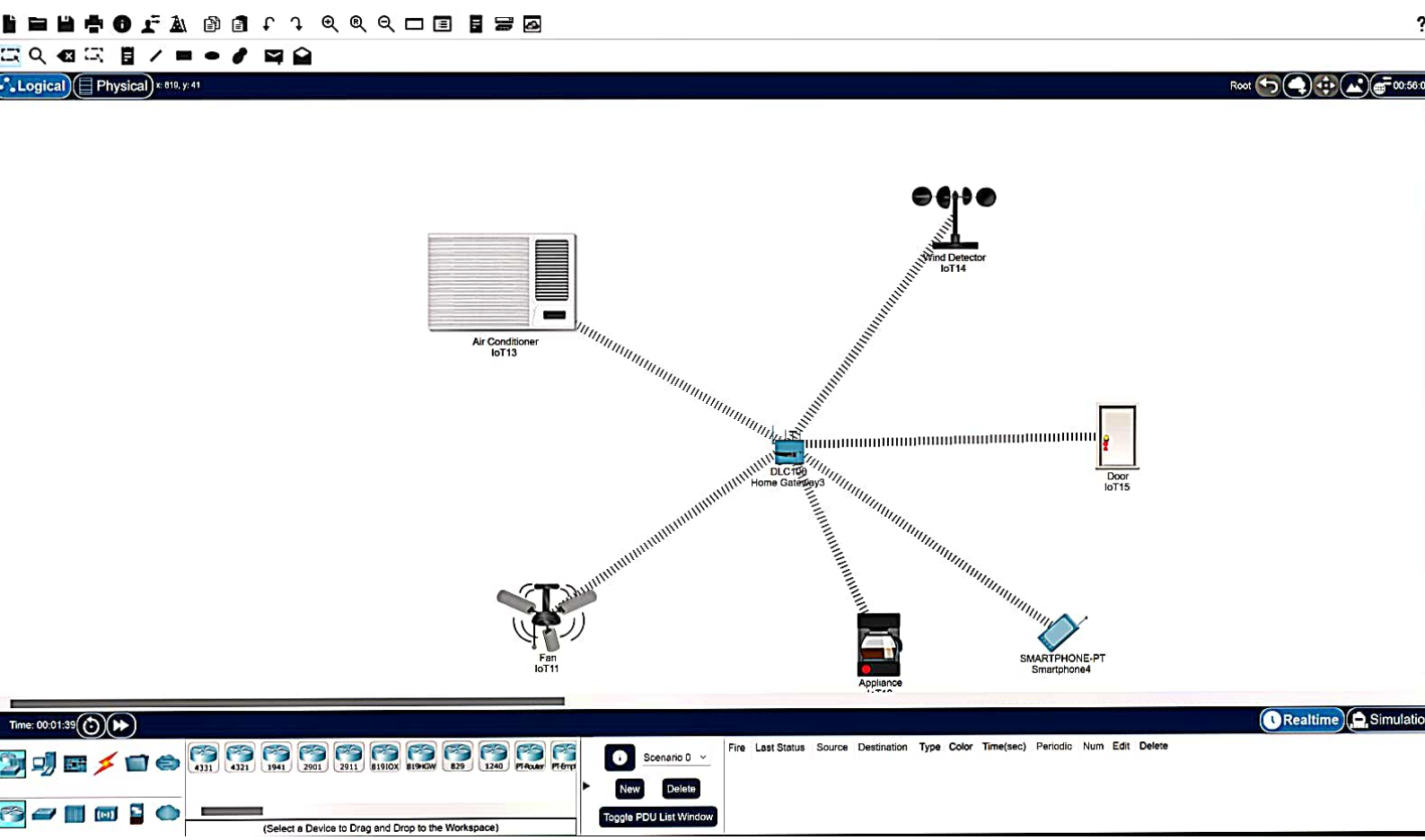

Server-PT
Server0
2960-24TT
Switch0
PC-PT
PC0
html
PC-PT
PC1
Email Sending
PC-PT
PC2
email receiving
PC-PT
PC3
domain

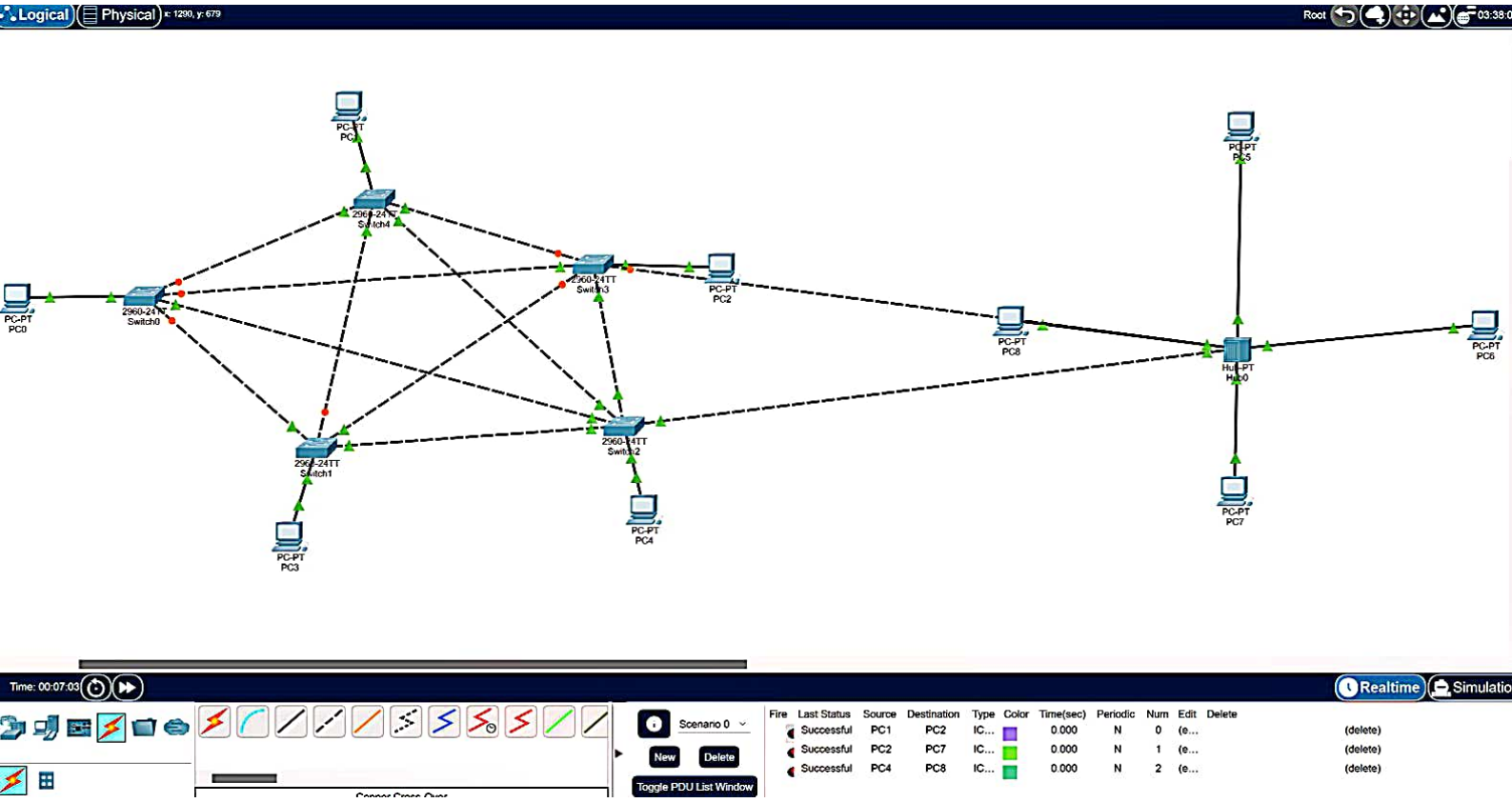

Time: 00:01:02
Realtime
Simulatio
4331
4321
1941
2901
2911
819IOX
819HGW
829
1240
PT-Router
PT-Empt
Scenario 0
Fire
Last Status
Source
Destination
Type
Color
Time(sec)
Periodic
Num
Edit
Delete


PC-PT
PC0
2960-24TT
Switch1
PC-PT
PC3
2960-24TT
Switch0
2960-24TT
Switch2
PC-PT
PC1
2960-24TT
Switch3
PC-PT
PC2

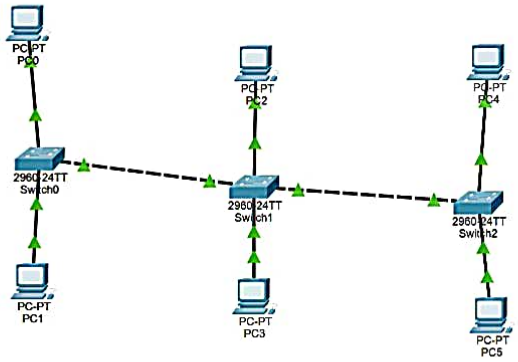
Time: 00:02:25
Realtime
Simulatio
4331
4321
1941
2901
2911
819IOX
819HGW
829
1240
Scenario 0
New
Delete
Toggle PDU List Window
Fire
Last Status
Source
Destination
Type
Color
Time(sec)
Periodic
Num
Edit
Delete
Successful
PC0
PC2
IC...
0.000
N
0
(e...
(delete)
Successful
PC1
PC3
IC...
0.000
N
1
(e...
(delete)


Logical
Physical
x: 83, y: 191
Root
PC-PT
PC0
Time: 00:10:51
Realtime
Simulatio
PC
Laptop
Server
Printer
IP Phone
VoIP Device
Phone
TV
Tablet
PC-PT
Scenario 0
New
Delete
Toggle PDU List Window
Fire
Last Status
Source
Destination
Type
Color
Time(sec)
Periodic
Num
Edit
Delete


Logical
Physical
x: 810, y: 41
Root
Air Conditioner
IoT13
Wind Detector
IoT14
DLC100
Home Gateway3
Door
IoT15
Fan
IoT11
Appliance
SMARTPHONE-PT
Smartphone4
Time: 00:01:39
Realtime
Simulatio
4331
4321
1941
2901
2911
819IOX
819HGW
829
1240
PT-Router
Scenario 0
New
Delete
Toggle PDU List Window
(Select a Device to Drag and Drop to the Workspace)
Fire
Last Status
Source
Destination
Type
Color
Time(sec)
Periodic
Num
Edit
Delete



Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC1	PC2	IC...		0.000	N	0	(e...	(delete)
	Successful	PC2	PC7	IC...		0.000	N	1	(e...	(delete)
	Successful	PC4	PC8	IC...		0.000	N	2	(e...	(delete)


PC-PT
PC0
PC-PT
PC2
PC-PT
PC4
2960-24TT
Switch0
2960-24TT
Switch1
2960-24TT
Switch2
PC-PT
PC1
PC-PT
PC3
PC-PT
PC5

Time: 00:01:35
Realtime
Simulatio
4331
4321
1941
2901
2911
819IOX
819HGW
829
1240
Scenario 0
New
Delete
Toggle PDU List Window
Fire
Last Status
Source
Destination
Type
Color
Time(sec)
Periodic
Num
Edit
Delete
Successful PC1 PC4 IC... 0.000 N 0 (e... (delete)
Successful PC0 PC2 IC... 0.000 N 1 (e... (delete)
Successful PC5 PC3 IC... 0.000 N 2 (e... (delete)