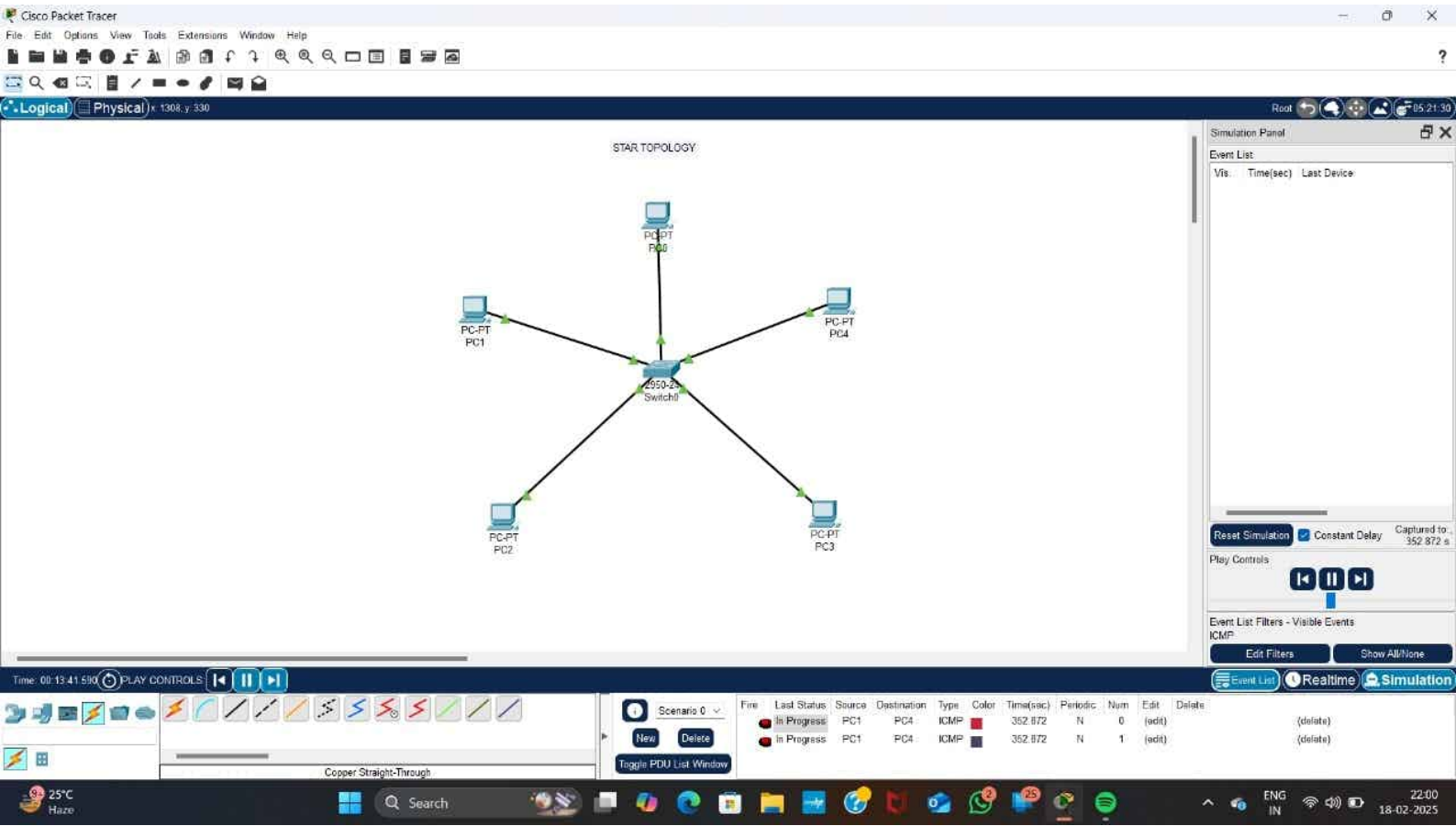
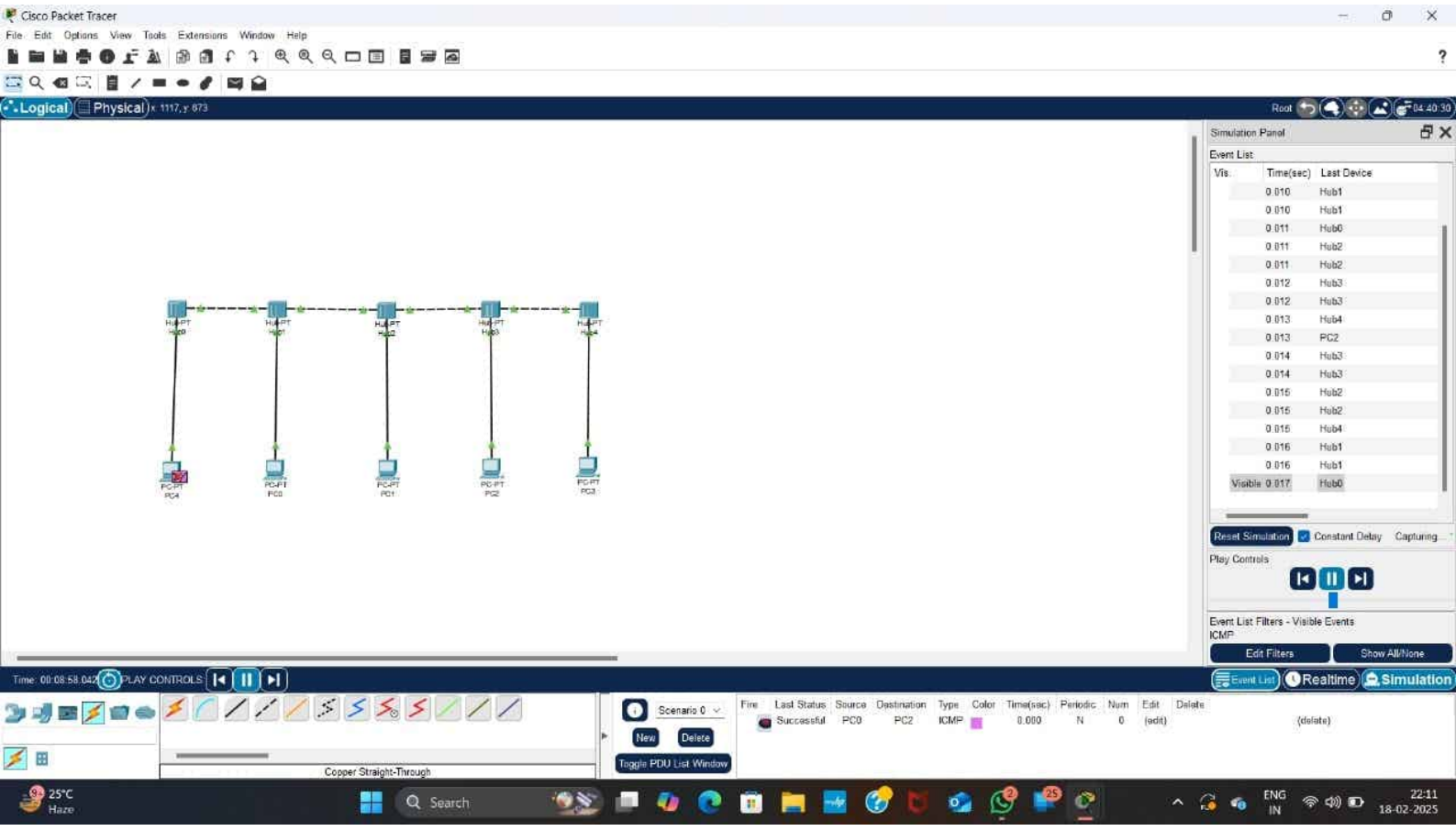
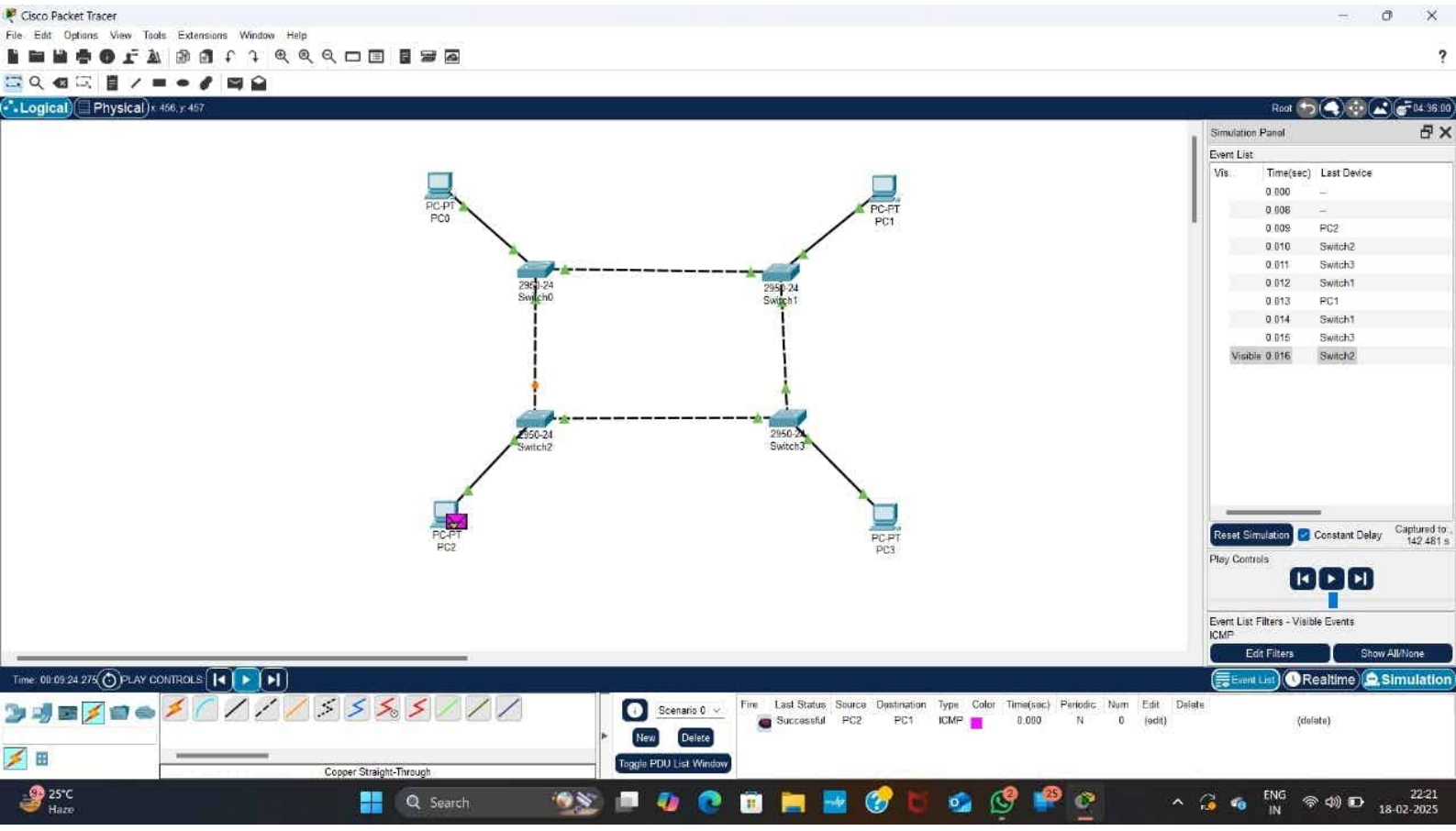
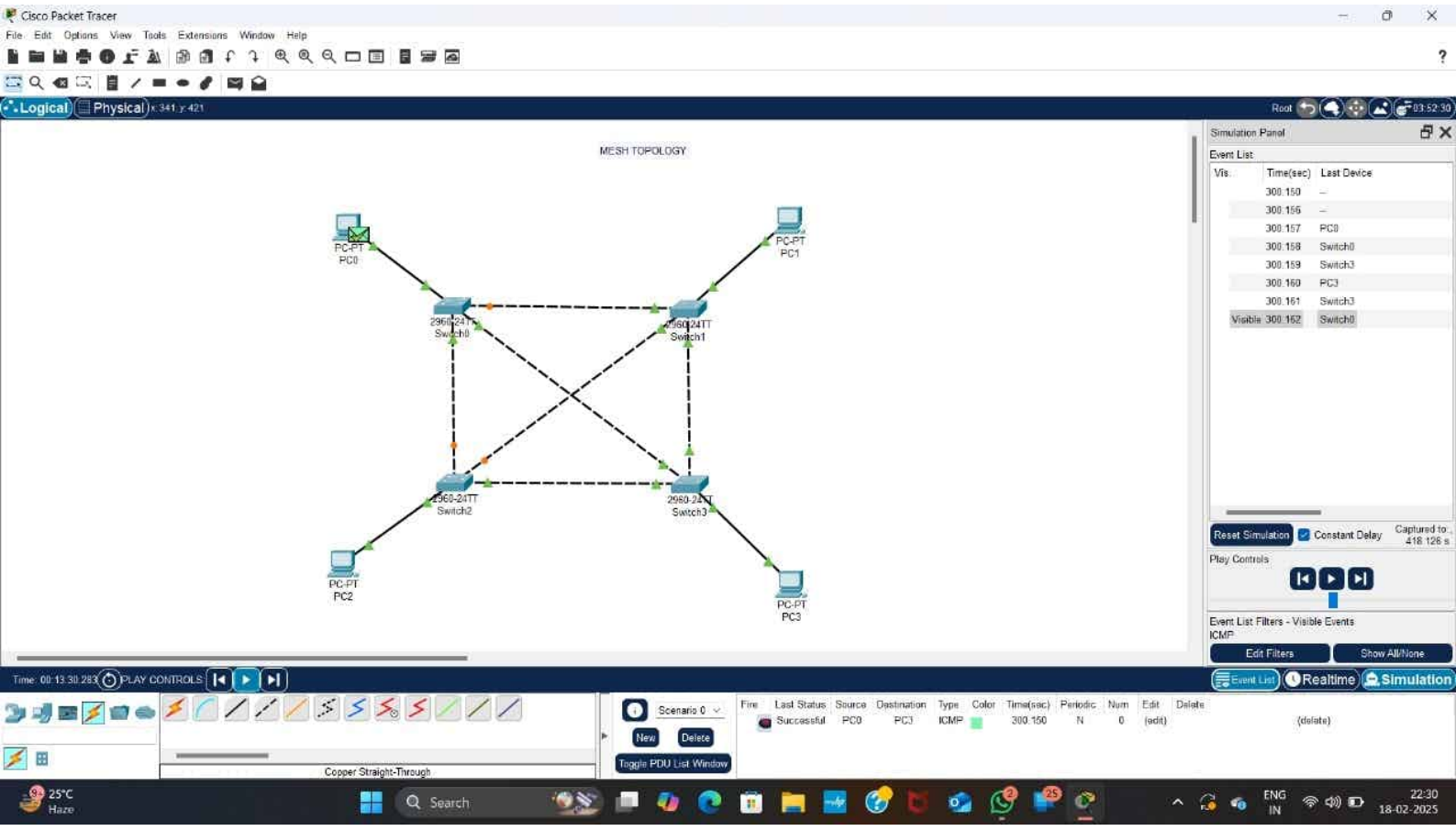
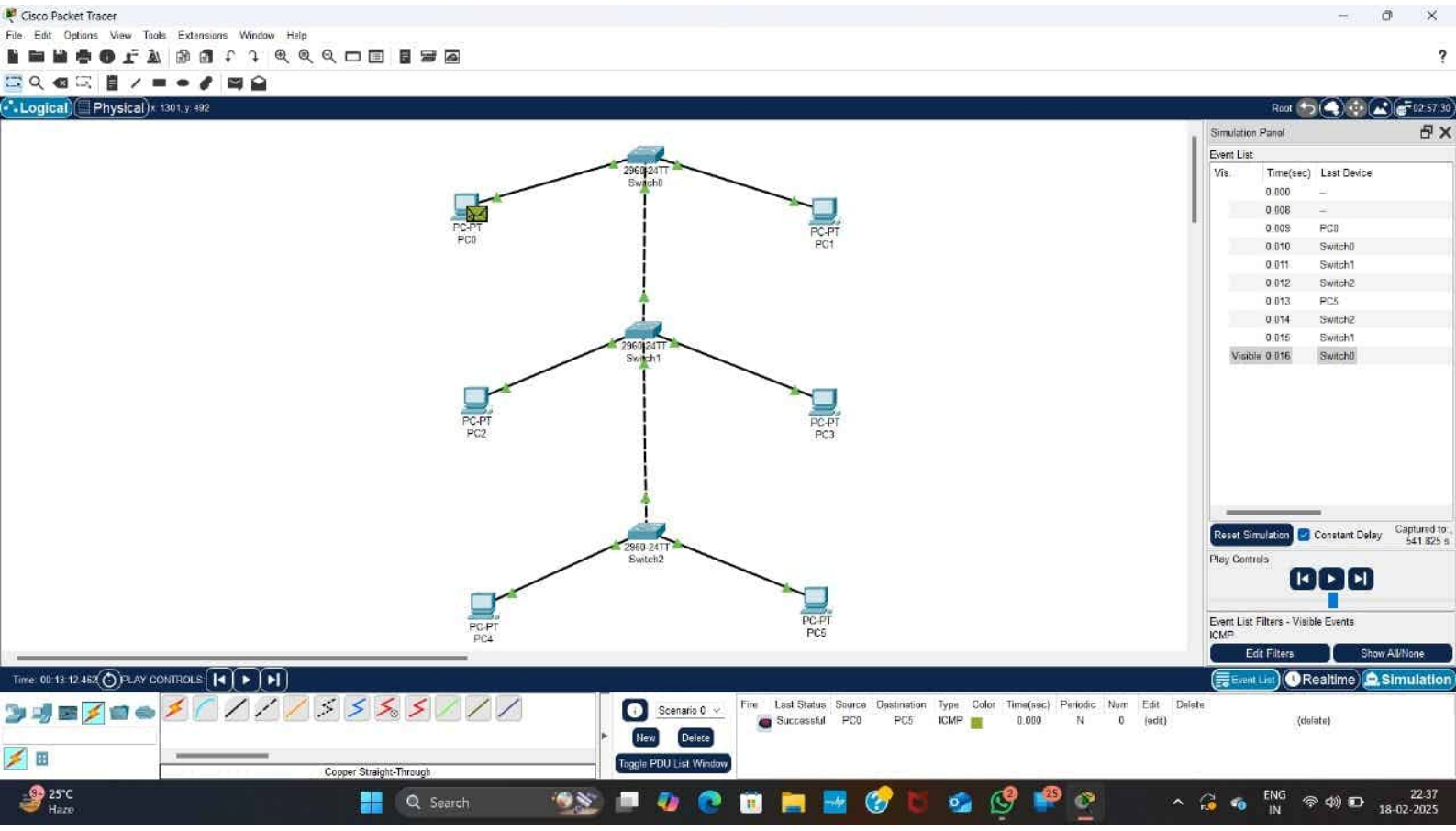
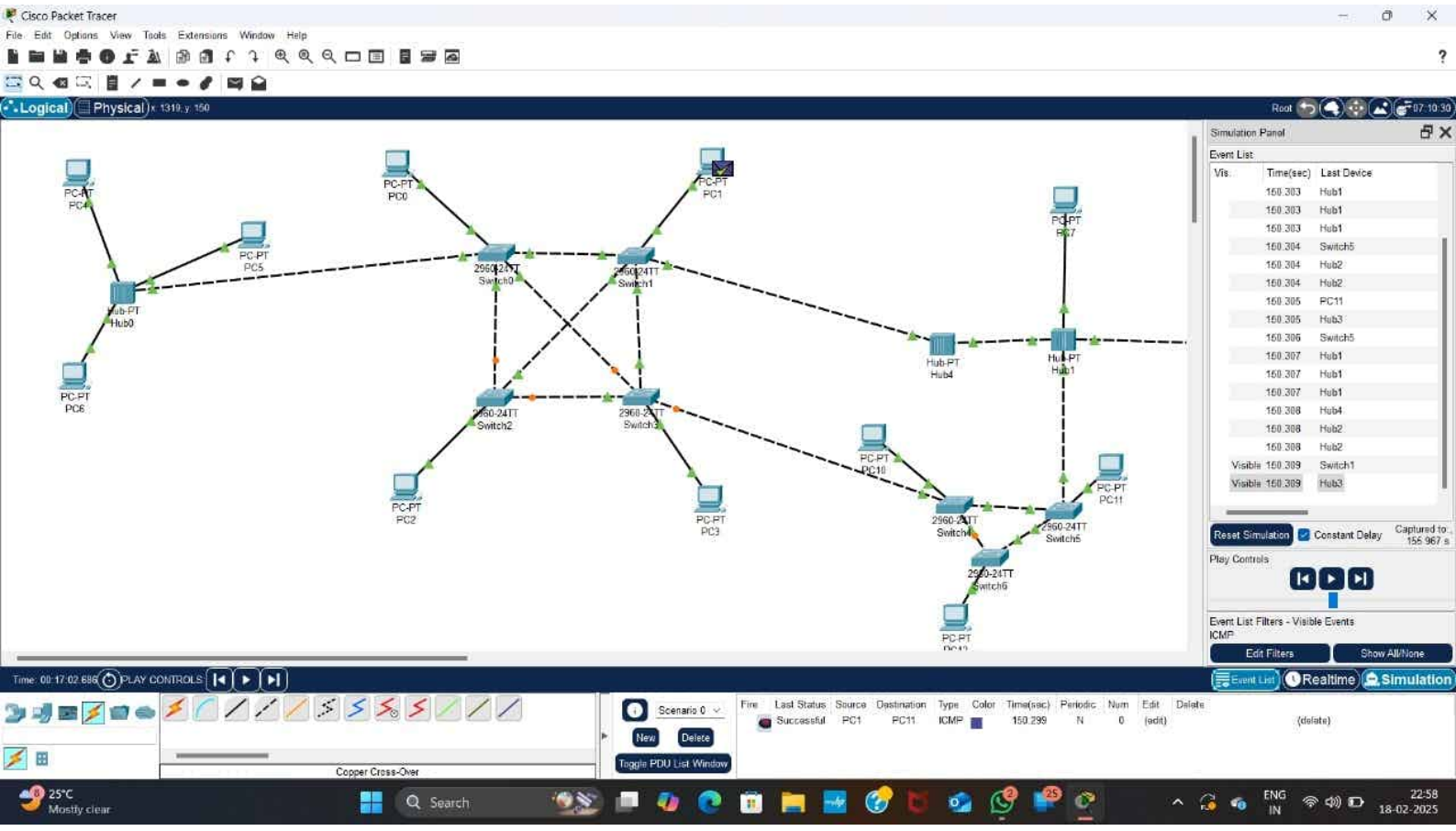

Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical
Physical
STAR TOPOLOGY
PC-PT PC0
PC-PT PC1
PC-PT PC2
PC-PT PC3
PC-PT PC4
2950-24 Switch0
Simulation Panel
Event List
Vis. Time(sec) Last Device
Reset Simulation
Constant Delay
Play Controls
Event List Filters - Visible Events
ICMP
Edit Filters
Show All/None
Realtime
Simulation
Scenario 0
New
Delete
Toggle PDU List Window
Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete
In Progress PC1 PC4 ICMP 352.872 N 0 (edit) (delete)
In Progress PC1 PC4 ICMP 352.872 N 1 (edit) (delete)
Copper Straight-Through

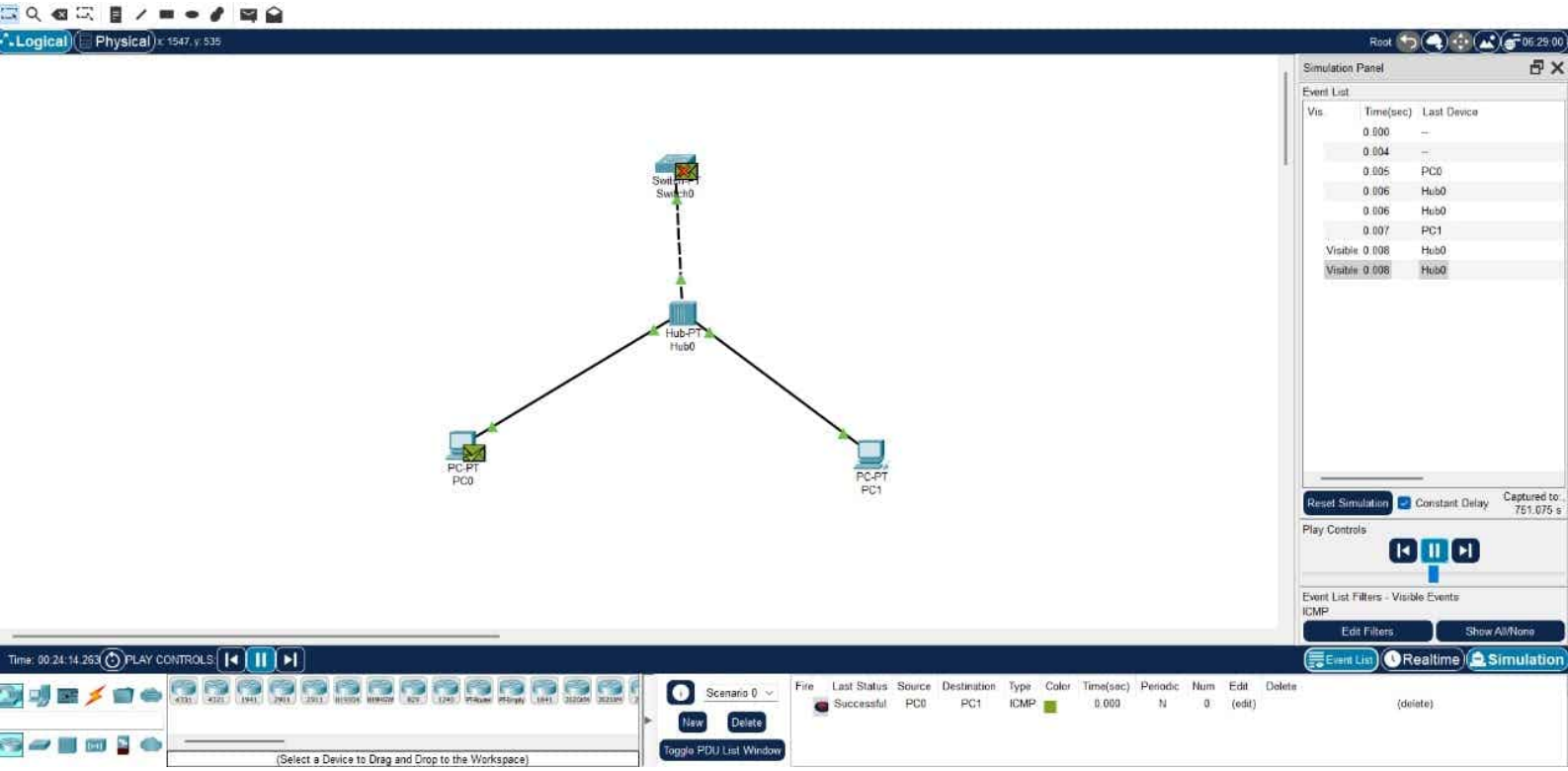

Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical Physical x: 1117, y: 673
Root 04:40:30
Simulation Panel
Event List
Vis. Time(sec) Last Device
0.010 Hub1
0.010 Hub1
0.011 Hub0
0.011 Hub2
0.011 Hub2
0.012 Hub3
0.012 Hub3
0.013 Hub4
0.013 PC2
0.014 Hub3
0.014 Hub3
0.015 Hub2
0.015 Hub2
0.015 Hub4
0.016 Hub1
0.016 Hub1
Visible 0.017 Hub0
Reset Simulation
Constant Delay
Capturing
Play Controls
Event List Filters - Visible Events
ICMP
Edit Filters
Show All/None
Time: 00:08:58.042
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 PC2 ICMP 0.000 N 0 (edit) (delete)
Copper Straight-Through
25°C
Haze
Search
ENG
IN
22:11
18-02-2025

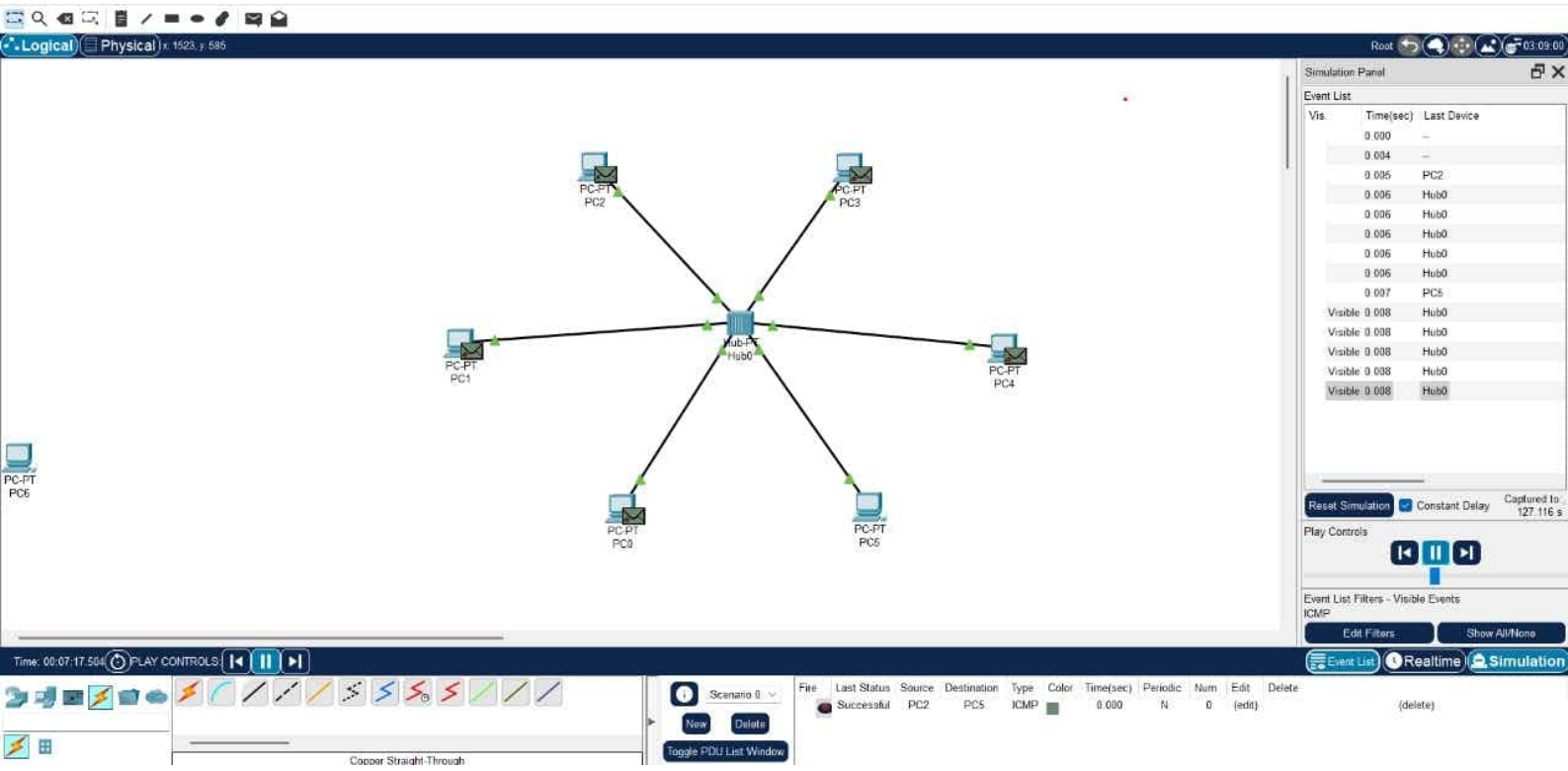

Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical
Physical
PC-PT PC0
PC-PT PC1
2950-24 Switch0
2950-24 Switch1
2950-24 Switch2
2950-24 Switch3
PC-PT PC2
PC-PT PC3
Simulation Panel
Event List
Vis. Time(sec) Last Device
0.000 --
0.008 --
0.009 PC2
0.010 Switch2
0.011 Switch3
0.012 Switch1
0.013 PC1
0.014 Switch1
0.015 Switch3
Visible 0.016 Switch2
Reset Simulation
Constant Delay
Play Controls
Event List Filters - Visible Events
ICMP
Edit Filters
Show All/None
Realtime
Simulation
Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete
Successful PC2 PC1 ICMP 0.000 N 0 (edit) (delete)
Scenario 0
New
Delete
Toggle PDU List Window
Copper Straight-Through
25°C Haze
Search
ENG IN
22:21 18-02-2025

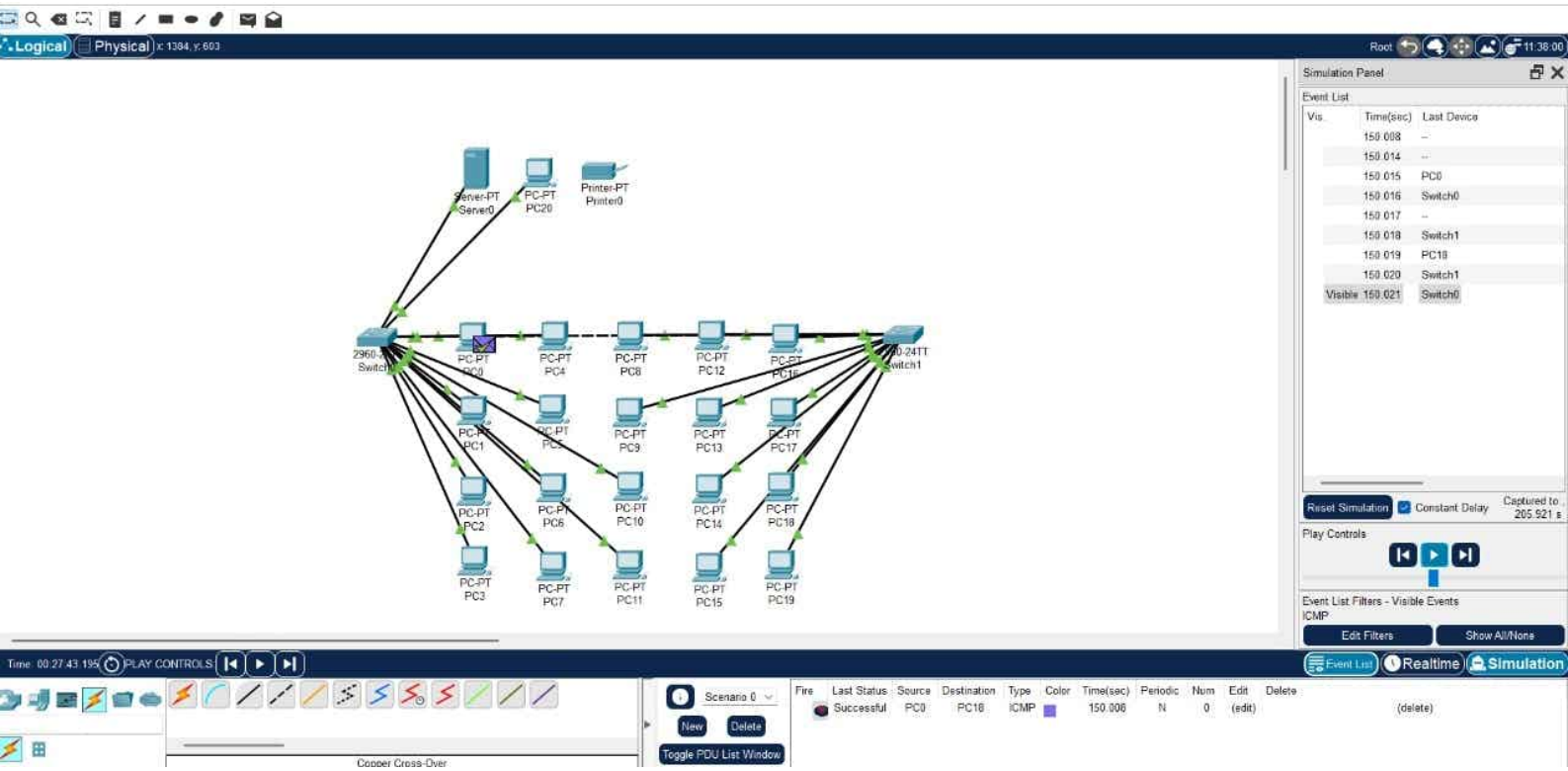

Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical
Physical
MESH TOPOLOGY
PC-PT PC0
PC-PT PC1
2960-24TT Switch0
2960-24TT Switch1
2960-24TT Switch2
2960-24TT Switch3
PC-PT PC2
PC-PT PC3
Simulation Panel
Event List
Vis. Time(sec) Last Device
300.150 --
300.156 --
300.157 PC0
300.158 Switch0
300.159 Switch3
300.160 PC3
300.161 Switch3
Visible 300.162 Switch0
Reset Simulation
Constant Delay
Play Controls
Event List Filters - Visible Events
ICMP
Edit Filters
Show All/None
Time: 00:13:30.283
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 PC3 ICMP 300.150 N 0 (edit) (delete)
Copper Straight-Through
25°C Haze
Search
ENG IN
22:30 18-02-2025

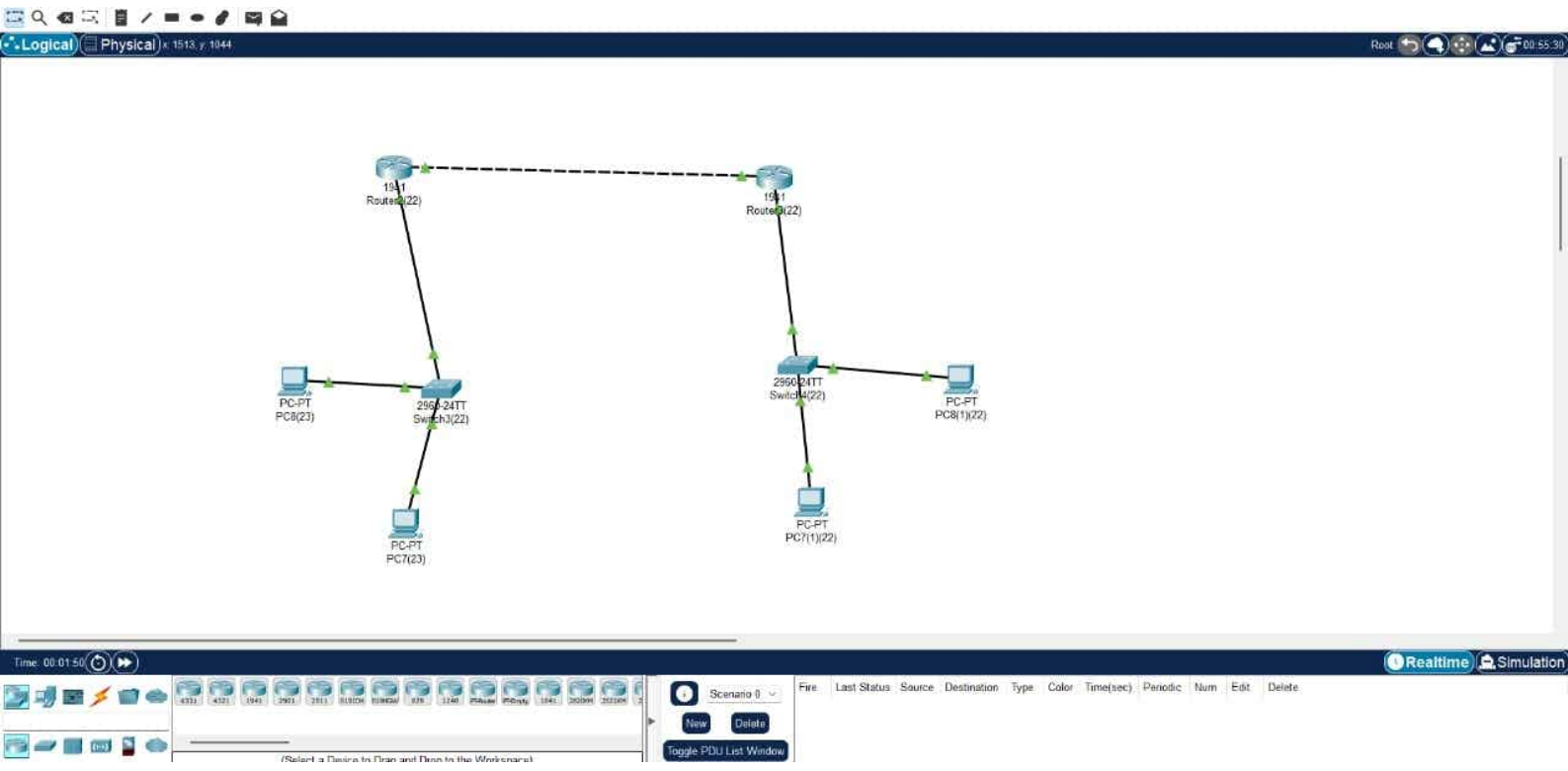

Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical
Physical
Root
2960-24TT
Switch0
PC-PT
PC0
PC-PT
PC1
2960-24TT
Switch1
PC-PT
PC2
PC-PT
PC3
2960-24TT
Switch2
PC-PT
PC4
PC-PT
PC5
Simulation Panel
Event List
Vis. Time(sec) Last Device
0.000 --
0.008 --
0.009 PC0
0.010 Switch0
0.011 Switch1
0.012 Switch2
0.013 PC5
0.014 Switch2
0.015 Switch1
Visible 0.016 Switch0
Reset Simulation
Constant Delay
Captured to: 541.825 s
Play Controls
Event List Filters - Visible Events
ICMP
Edit Filters
Show All/None
Time: 00:13:12.462
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)
Copper Straight-Through
25°C
Haze
Search
ENG
IN
22:37
18-02-2025

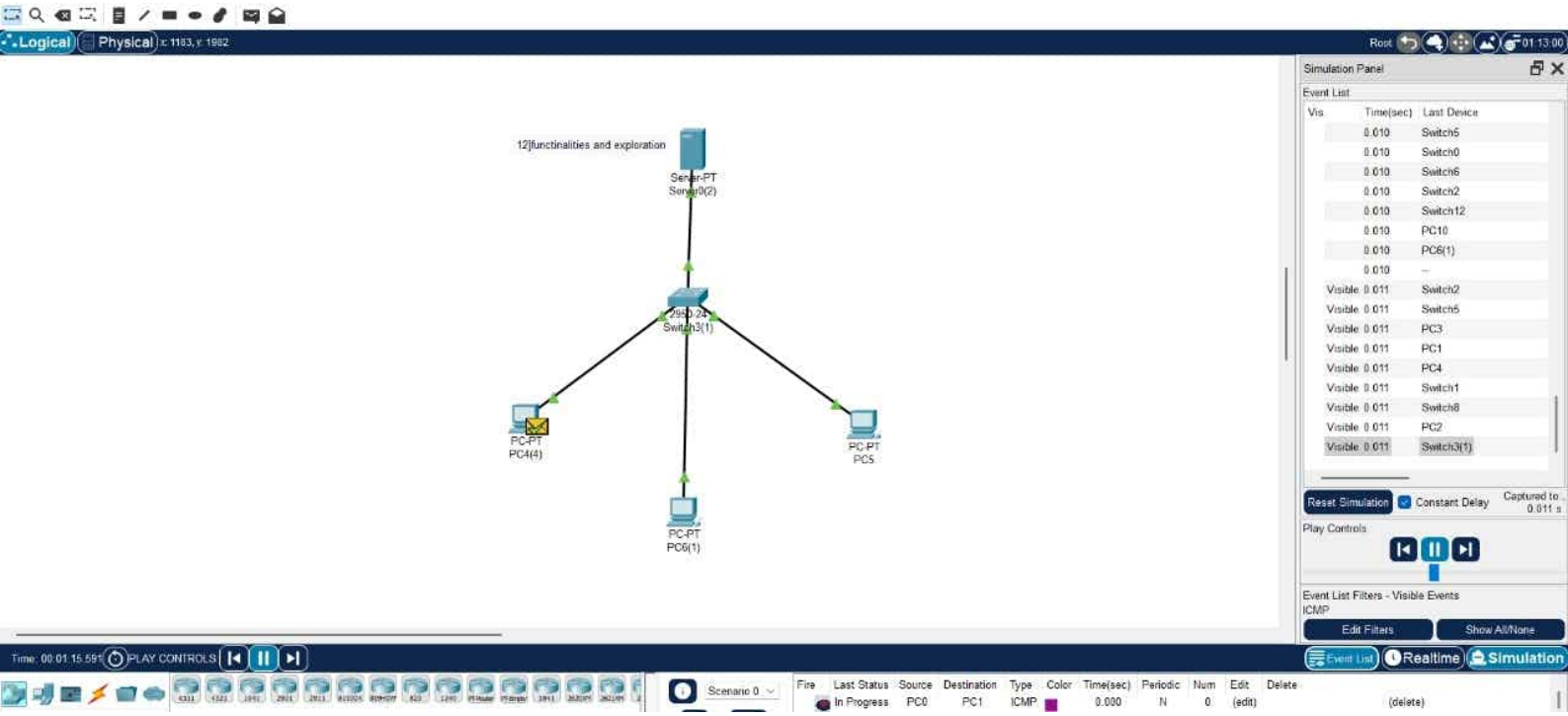

Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical
Physical
PC-PT PC4
PC-PT PC0
PC-PT PC1
PC-PT PC7
PC-PT PC5
2960-24TT Switch0
2960-24TT Switch1
Hub-PT Hub0
Hub-PT Hub4
Hub-PT Hub1
PC-PT PC6
2960-24TT Switch2
2960-24TT Switch3
PC-PT PC10
PC-PT PC11
PC-PT PC2
PC-PT PC3
2960-24TT Switch4
2960-24TT Switch5
2960-24TT Switch6
PC-PT PC12
Simulation Panel
Event List
Vis. Time(sec) Last Device
160.303 Hub1
160.303 Hub1
160.303 Hub1
160.304 Switch5
160.304 Hub2
160.304 Hub2
160.305 PC11
160.305 Hub3
160.306 Switch5
160.307 Hub1
160.307 Hub1
160.307 Hub1
160.308 Hub4
160.308 Hub2
160.308 Hub2
Visible 160.309 Switch1
Visible 160.309 Hub3
Reset Simulation
Constant Delay
Captured to: 155.967 s
Play Controls
Event List Filters - Visible Events
ICMP
Edit Filters
Show All/None
Time: 00:17:02.686
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 PC1 PC11 ICMP 160.299 N 0 (edit) (delete)
Copper Cross-Over
25°C
Mostly clear
Search
ENG
IN
22:58
18-02-2025

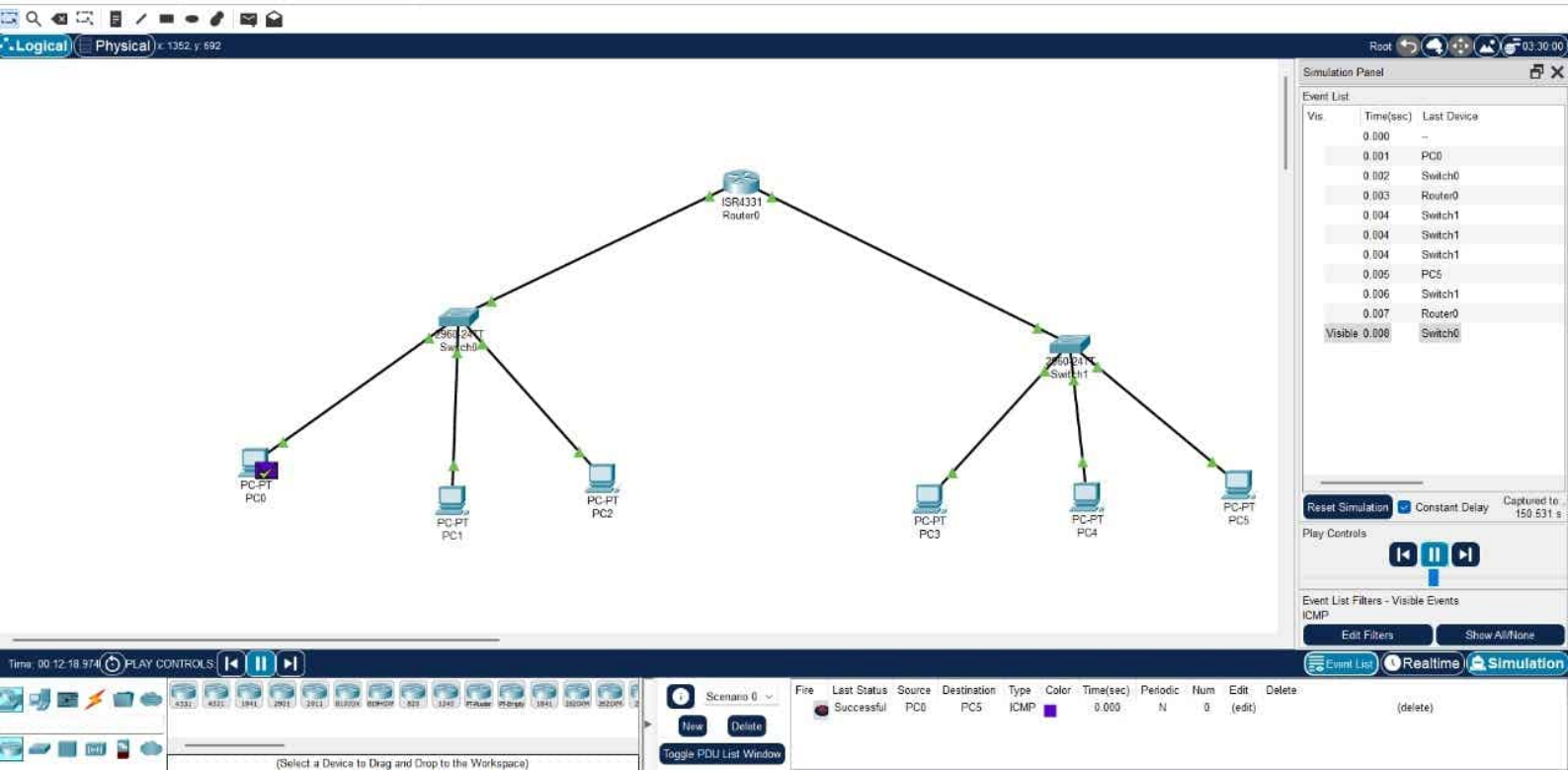

Logical
Physical
x: 1547, y: 535
Root
06:29:00
Switch-PT
Switch0
Hub-PT
Hub0
PC-PT
PC0
PC-PT
PC1
Simulation Panel
Event List
Vis
Time(sec)
Last Device
0.000
0.004
0.005
PC0
0.006
Hub0
0.006
Hub0
0.007
PC1
Visible 0.008
Hub0
Visible 0.008
Hub0
Reset Simulation
Constant Delay
Captured to: 751.075 s
Play Controls
Event List Filters - Visible Events
ICMP
Edit Filters
Show All/None
Time: 00:24:14.263
PLAY CONTROLS
Event List
Realtime
Simulation
(Select a Device to Drag and Drop to the Workspace)
Scenario 0
New
Delete
Toggle PDU List Window
Fire
Last Status
Source
Destination
Type
Color
Time(sec)
Periodic
Num
Edit
Delete
Successful
PC0
PC1
ICMP
0.000
N
0
(edit)
(delete)

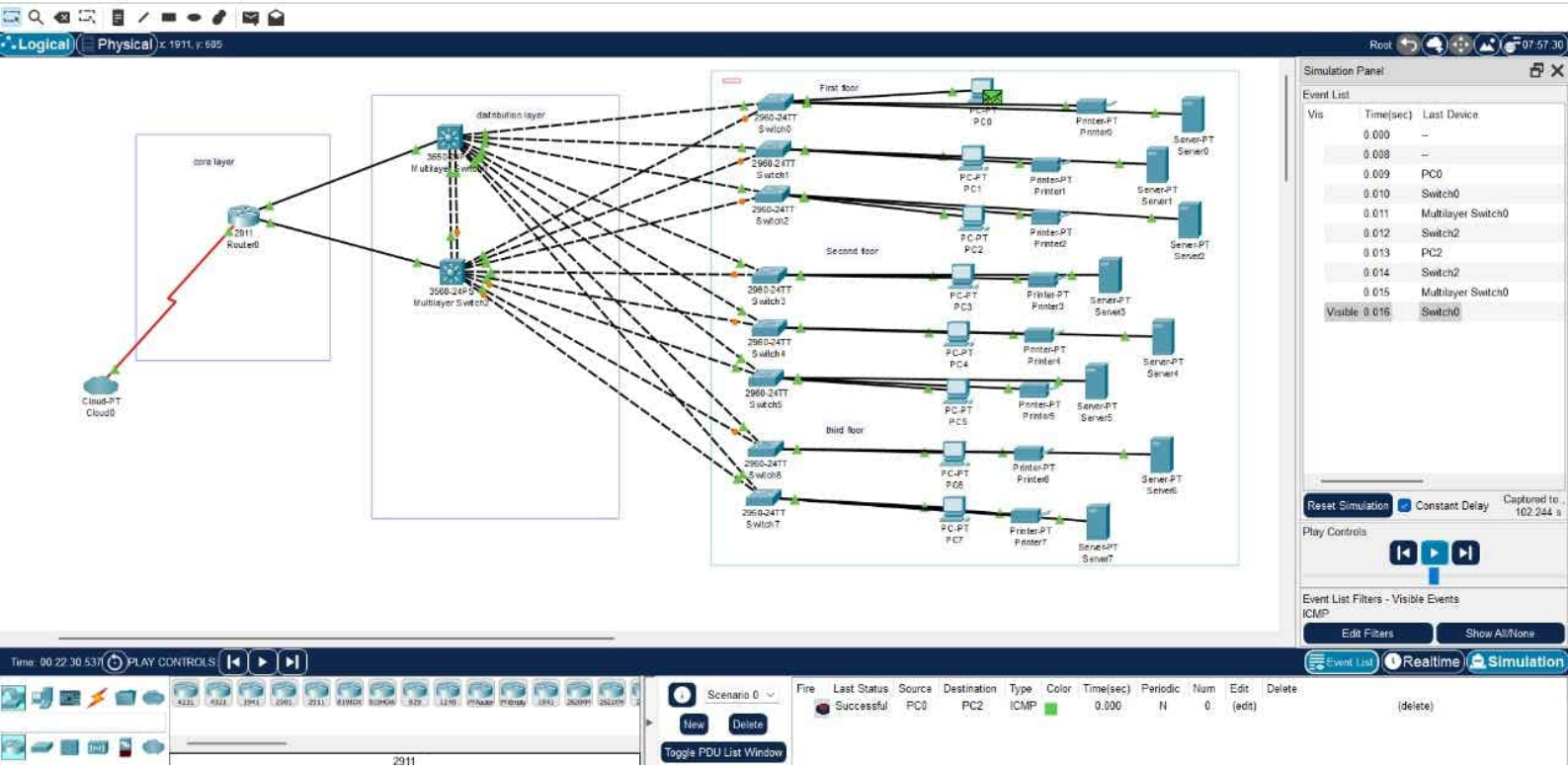

Logical
Physical
x: 1523, y: 585
Root
03:09:00
PC-PT PC2
PC-PT PC3
PC-PT PC1
Hub-PT Hub0
PC-PT PC4
PC-PT PC6
PC-PT PC0
PC-PT PC5
Simulation Panel
Event List
Vis.
Time(sec)
Last Device
0.000 --
0.004 --
0.005 PC2
0.006 Hub0
0.006 Hub0
0.006 Hub0
0.006 Hub0
0.006 Hub0
0.006 Hub0
0.007 PC5
Visible 0.008 Hub0
Visible 0.008 Hub0
Visible 0.008 Hub0
Visible 0.008 Hub0
Visible 0.008 Hub0
Reset Simulation
Constant Delay
Captured to: 127.116 s
Play Controls
Event List Filters - Visible Events
ICMP
Edit Filters
Show All/None
Time: 00:07:17.504
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
PC2
PC5
ICMP
0.000
N
0
(edit)
(delete)
Copper Straight-Through

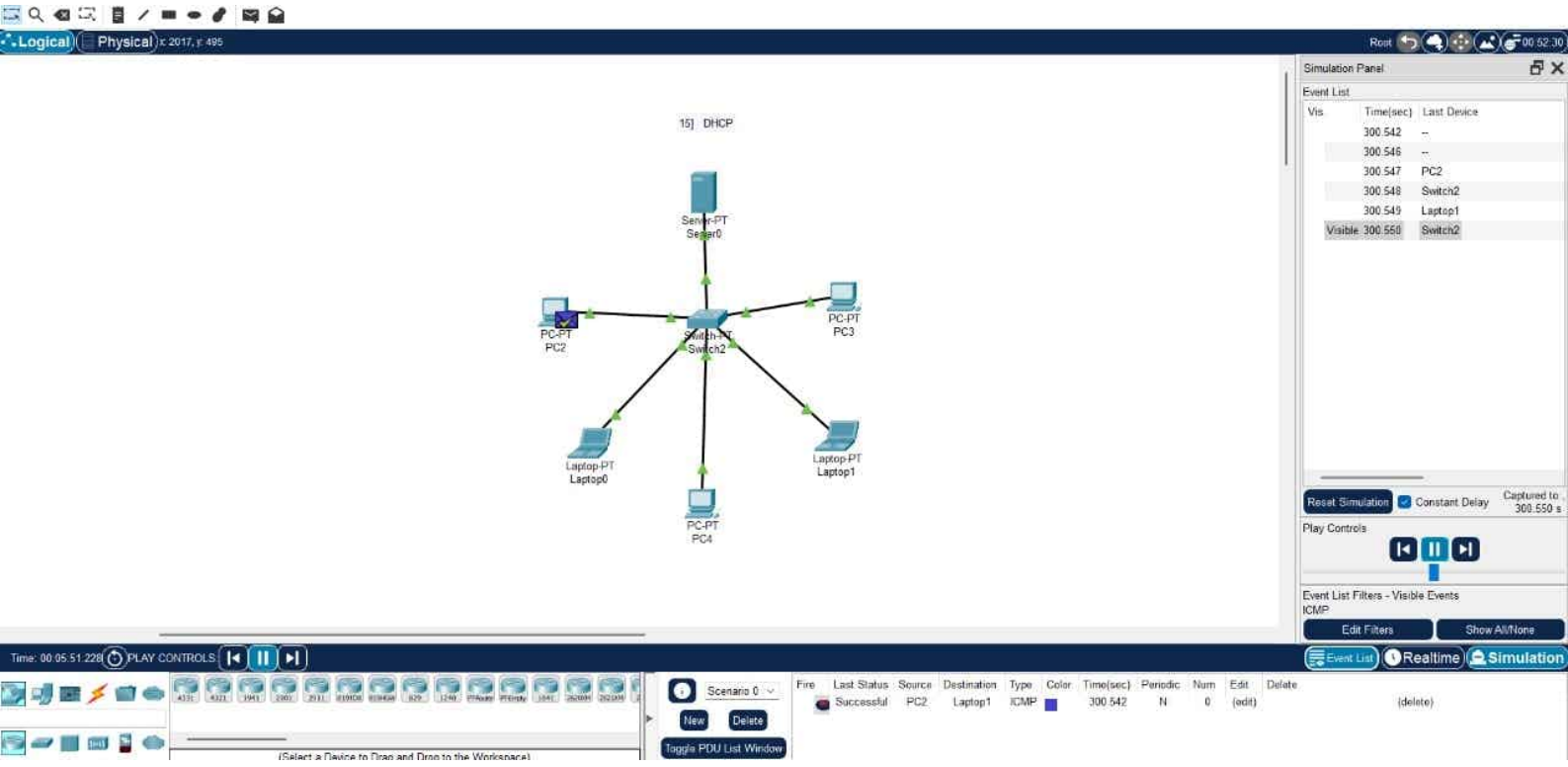

Logical
Physical
Root
Server-PT Server0
PC-PT PC20
Printer-PT Printer0
PC-PT PC0
PC-PT PC4
PC-PT PC8
PC-PT PC12
PC-PT PC16
PC-PT PC1
PC-PT PC5
PC-PT PC9
PC-PT PC13
PC-PT PC17
PC-PT PC2
PC-PT PC6
PC-PT PC10
PC-PT PC14
PC-PT PC18
PC-PT PC3
PC-PT PC7
PC-PT PC11
PC-PT PC15
PC-PT PC19
Switch1
Simulation Panel
Event List
Vis
Time(sec)
Last Device
150.008 --
150.014 --
150.015 PC0
150.016 Switch0
150.017 --
150.018 Switch1
150.019 PC18
150.020 Switch1
Visible 150.021 Switch0
Reset Simulation
Constant Delay
Captured to 205.921 s
Play Controls
Event List Filters - Visible Events
ICMP
Edit Filters
Show All/None
Time: 00:27:43.195
PLAY CONTROLS:
Event List
Realtime
Simulation
Copper Cross-Over
Scenario 0
New
Delete
Toggle PDU List Window
Fire
Last Status
Source
Destination
Type
Color
Time(sec)
Periodic
Num
Edit
Delete
Successful
PC0
PC18
ICMP
150.006
N
0
(edit)
(delete)

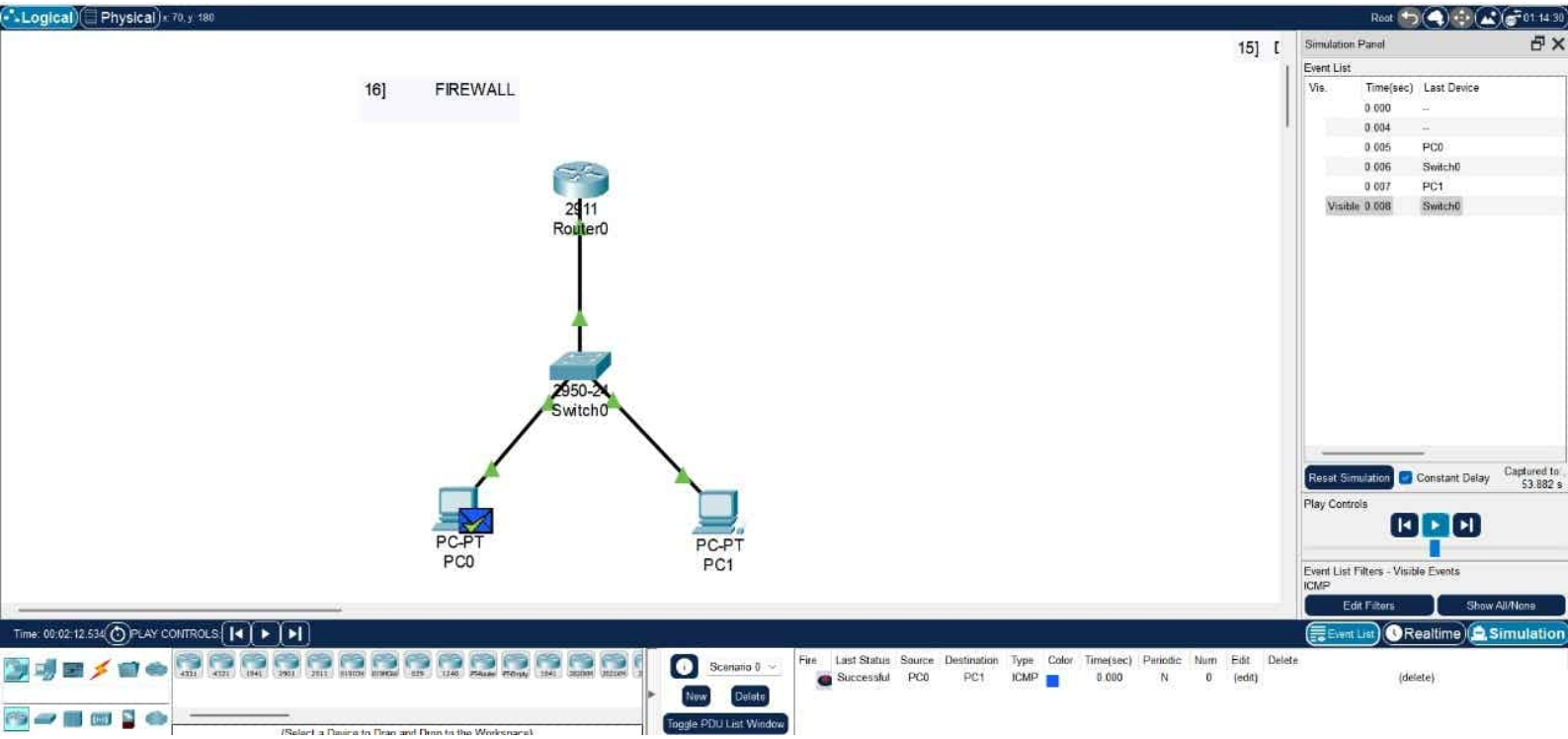

Logical
Physical
x: 1513, y: 1044
Root
00:55:30
1941
Router2(22)
1941
Router1(22)
PC-PT
PC8(23)
2960-24TT
Switch3(22)
2960-24TT
Switch4(22)
PC-PT
PC8(1)(22)
PC-PT
PC7(23)
PC-PT
PC7(1)(22)
Time: 00:01:50
Realtime
Simulation
Scenario 0
New
Delete
Toggle PDU List Window
Fire
Last Status
Source
Destination
Type
Color
Time(sec)
Periodic
Num
Edit
Delete

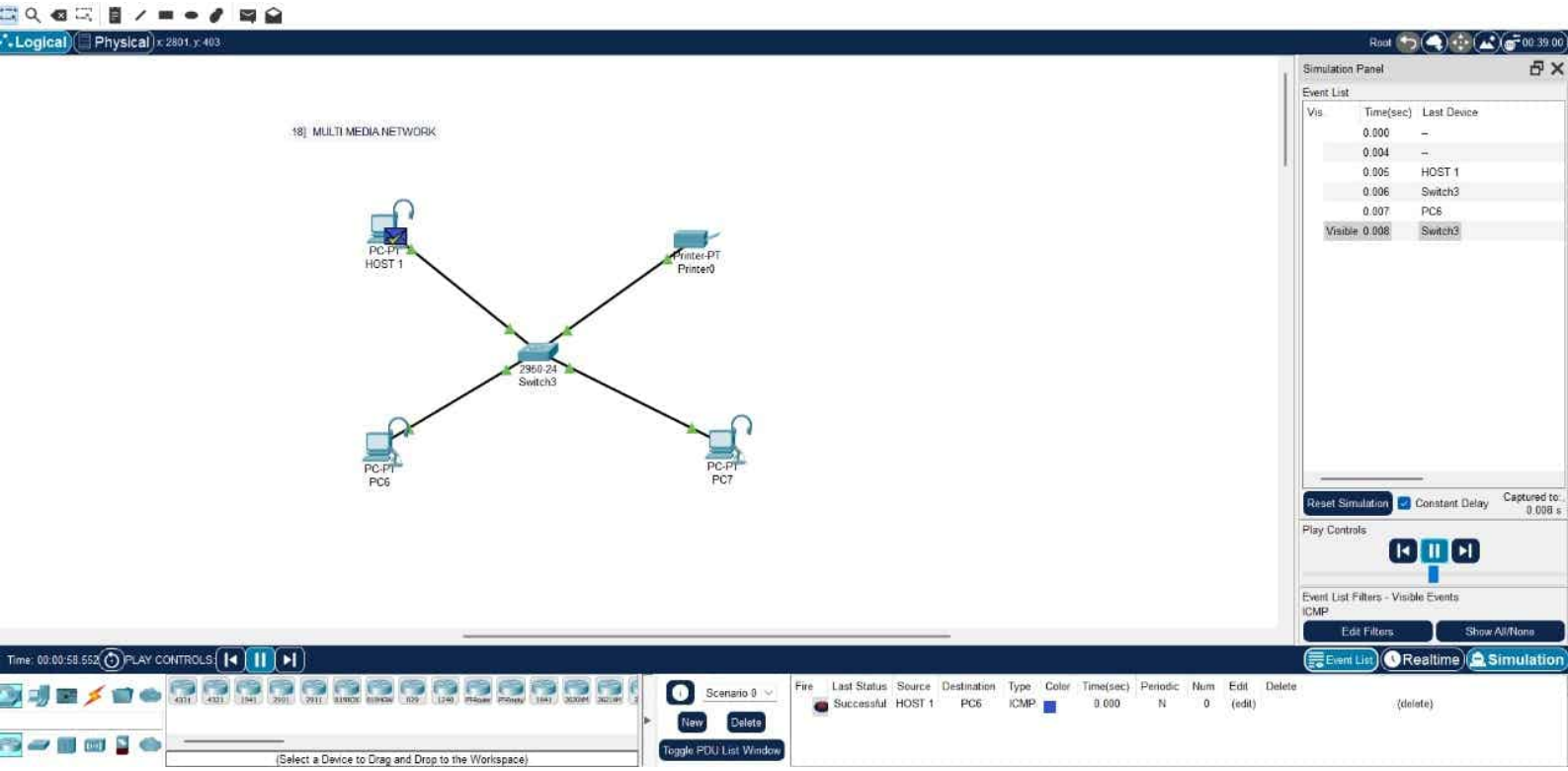

Logical
Physical
x: 1183, y: 1982
Root
01:13:00
12]functinalities and exploration
Server-PT
Server0(2)
2960-24
Switch3(1)
PC-PT
PC4(4)
PC-PT
PC5
PC-PT
PC6(1)
Simulation Panel
Event List
Vis
Time(sec)
Last Device
0.010 Switch5
0.010 Switch0
0.010 Switch6
0.010 Switch2
0.010 Switch12
0.010 PC10
0.010 PC6(1)
0.010 --
Visible 0.011 Switch2
Visible 0.011 Switch5
Visible 0.011 PC3
Visible 0.011 PC1
Visible 0.011 PC4
Visible 0.011 Switch1
Visible 0.011 Switch8
Visible 0.011 PC2
Visible 0.011 Switch3(1)
Reset Simulation
Constant Delay
Captured to:
0.011 s
Play Controls
Event List Filters - Visible Events
ICMP
Edit Filters
Show All/None
Time: 00:01:15.591
PLAY CONTROLS
Event List
Realtime
Simulation
Scenario 0
Fire
Last Status
Source
Destination
Type
Color
Time(sec)
Periodic
Num
Edit
Delete
In Progress
PC0
PC1
ICMP
0.000
N
0
(edit)
(delete)

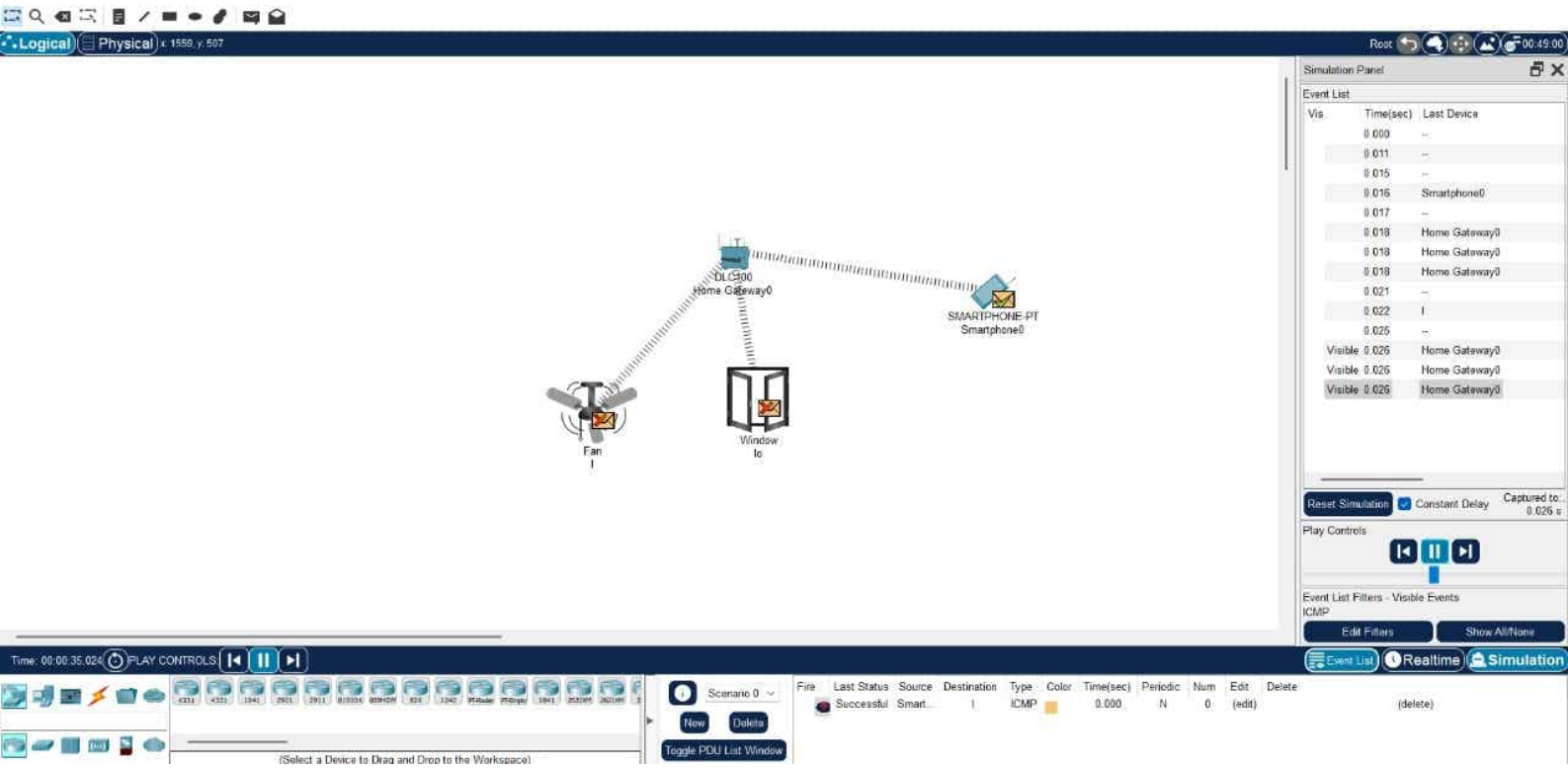

Logical
Physical
x: 1352, y: 692
Root
ISR4331
Router0
2960-24TT
Switch0
2960-24TT
Switch1
PC-PT
PC0
PC-PT
PC1
PC-PT
PC2
PC-PT
PC3
PC-PT
PC4
PC-PT
PC5
Simulation Panel
Event List
Vis.
Time(sec)
Last Device
0.000
--
0.001
PC0
0.002
Switch0
0.003
Router0
0.004
Switch1
0.004
Switch1
0.004
Switch1
0.005
PC5
0.006
Switch1
0.007
Router0
Visible 0.008
Switch0
Reset Simulation
Constant Delay
Captured to: 150.531 s
Play Controls
Event List Filters - Visible Events
ICMP
Edit Filters
Show All/None
Time: 00:12:18.974
PLAY CONTROLS:
Event List
Realtime
Simulation
(Select a Device to Drag and Drop to the Workspace)
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)

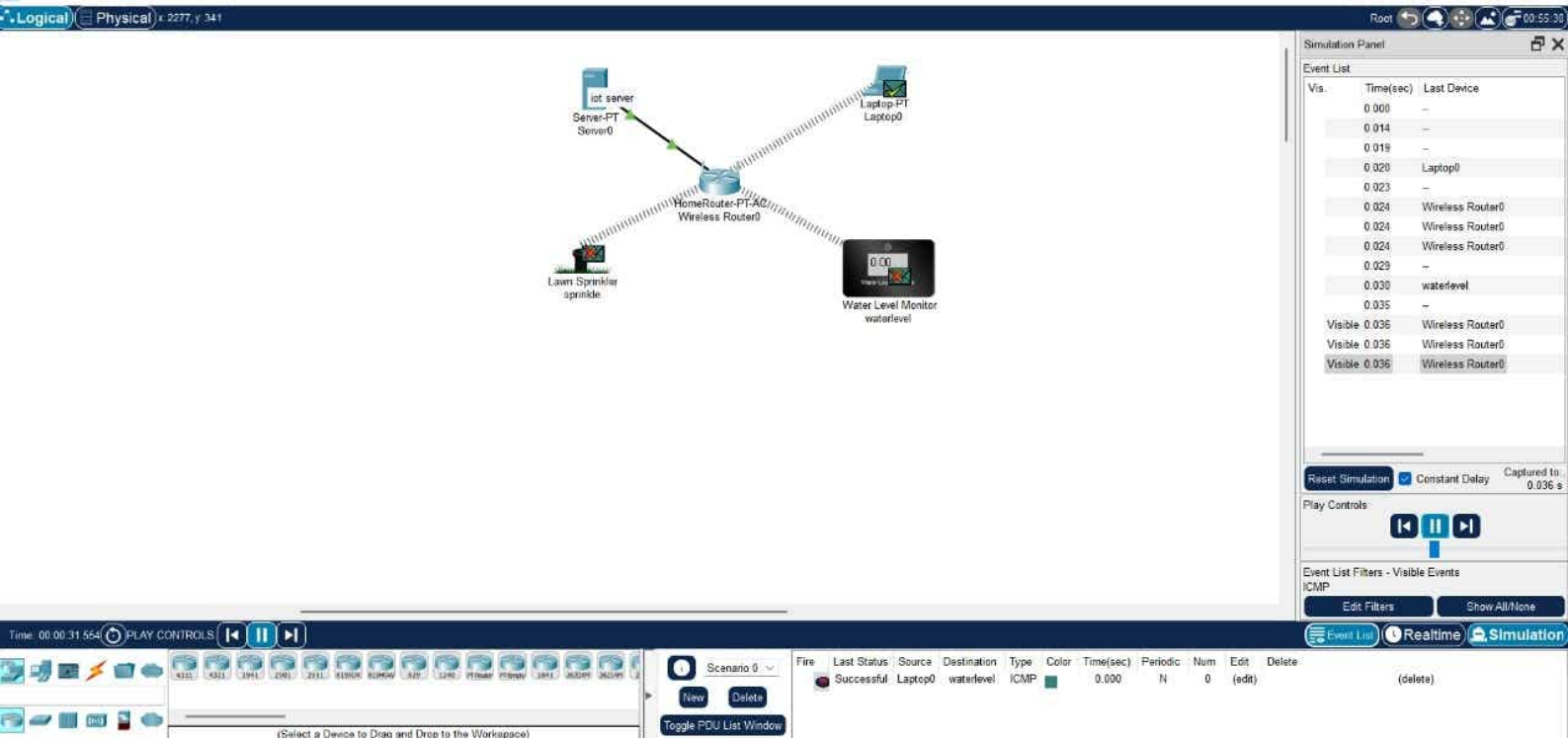

Logical
Physical
x: 1911, y: 685
Root
07:57:30
core layer
distribution layer
First floor
Second floor
Third floor
2911
Router0
Cloud-PT
Cloud0
Multilayer Switch0
Multilayer Switch1
2960-24TT
Switch0
Switch1
Switch2
Switch3
Switch4
Switch5
Switch6
Switch7
PC-PT
PC0
PC1
PC2
PC3
PC4
PC5
PC6
PC7
Printer-PT
Printer0
Printer1
Printer2
Printer3
Printer4
Printer5
Printer6
Printer7
Server-PT
Server0
Server1
Server2
Server3
Server4
Server5
Server6
Server7
Simulation Panel
Event List
Vis
Time(sec)
Last Device
0.000 --
0.008 --
0.009 PC0
0.010 Switch0
0.011 Multilayer Switch0
0.012 Switch2
0.013 PC2
0.014 Switch2
0.015 Multilayer Switch0
Visible 0.016 Switch0
Reset Simulation
Constant Delay
Captured to
102.244 s
Play Controls
Event List Filters - Visible Events
ICMP
Edit Filters
Show All/None
Time: 00:22:30.537
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
PC2
ICMP
0.000
N
0
(edit)
(delete)
2911

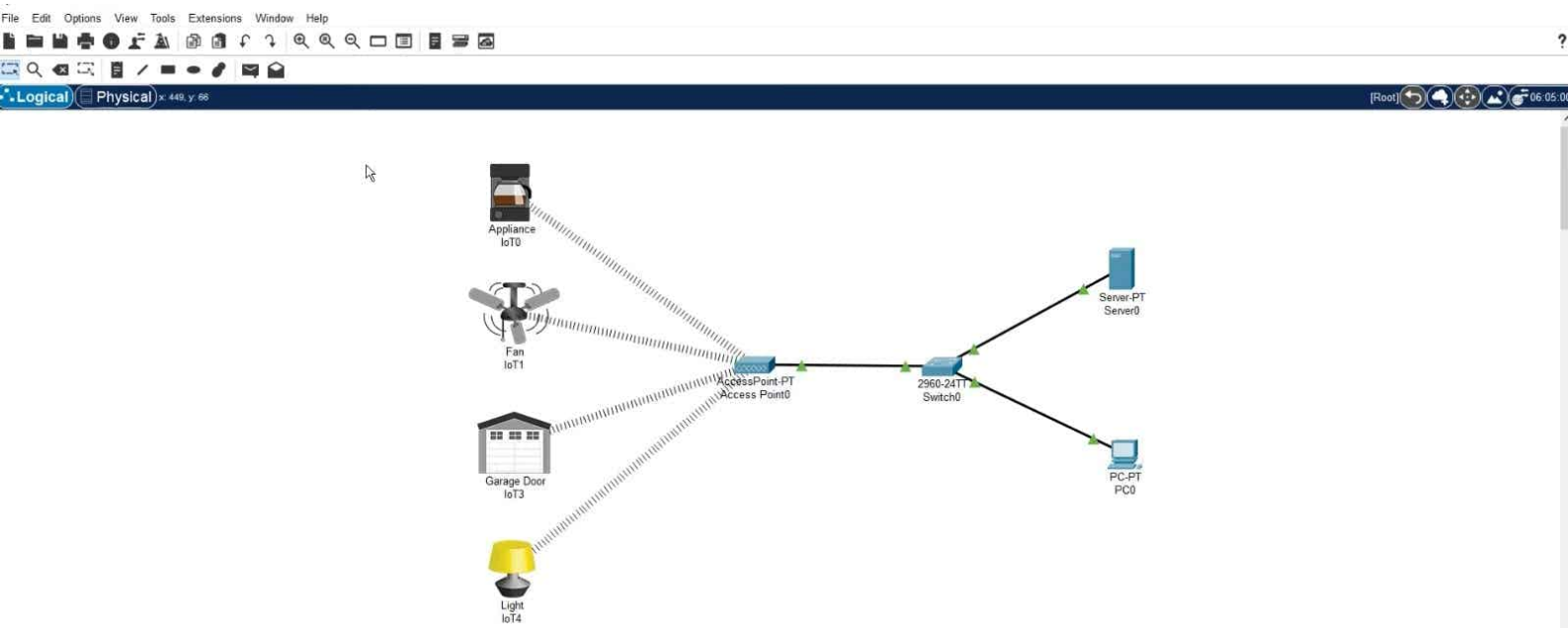

Logical
Physical
Root
15] DHCP
Server-PT
Server0
PC-PT
PC2
Switch-PT
Switch2
PC-PT
PC3
Laptop-PT
Laptop0
Laptop-PT
Laptop1
PC-PT
PC4
Simulation Panel
Event List
Vis
Time(sec)
Last Device
300.542
--
300.546
--
300.547
PC2
300.548
Switch2
300.549
Laptop1
Visible 300.550
Switch2
Reset Simulation
Constant Delay
Captured to
300.550 s
Play Controls
Event List Filters - Visible Events
ICMP
Edit Filters
Show All/None
Time: 00:05:51.228
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
PC2
Laptop1
ICMP
300.542
N
0
(edit)
(delete)

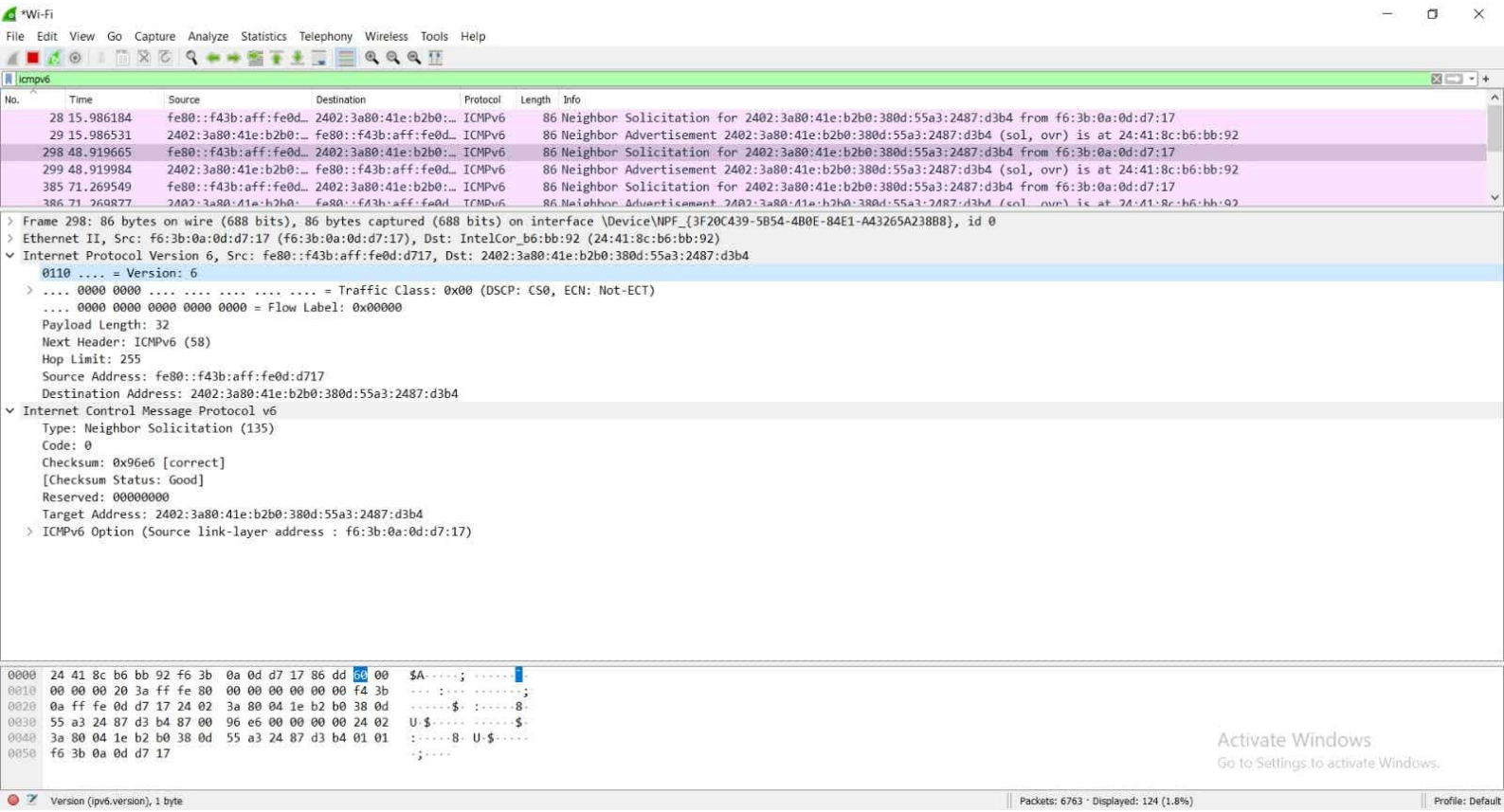

Logical
Physical
x: 70, y: 180
Root
01:14:30
15] [
16] FIREWALL
2911
Router0
2950-24
Switch0
PC-PT
PC0
PC-PT
PC1
Simulation Panel
Event List
Vis.
Time(sec)
Last Device
0.000 --
0.004 --
0.005 PC0
0.006 Switch0
0.007 PC1
Visible 0.008 Switch0
Reset Simulation
Constant Delay
Captured to: 53.882 s
Play Controls
Event List Filters - Visible Events
ICMP
Edit Filters
Show All/None
Time: 00:02:12.534
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
PC1
ICMP
0.000
N
0
(edit)
(delete)

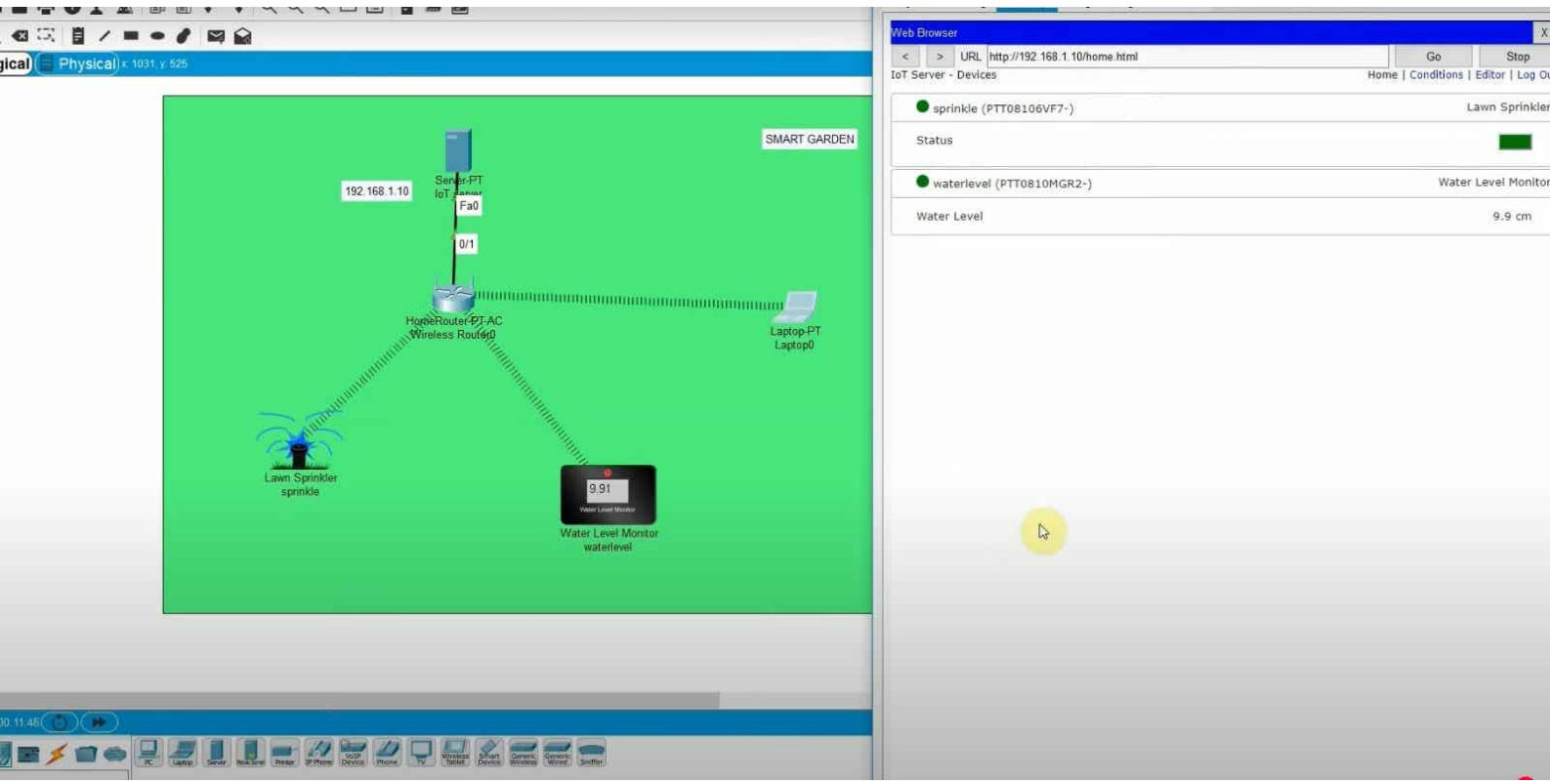

Logical
Physical
x: 2801, y: 403
Root
00:39:00
18] MULTI MEDIA NETWORK
PC-PT
HOST 1
Printer-PT
Printer0
2960-24
Switch3
PC-PT
PC6
PC-PT
PC7
Simulation Panel
Event List
Vis
Time(sec)
Last Device
0.000
--
0.004
--
0.005
HOST 1
0.006
Switch3
0.007
PC6
Visible
0.008
Switch3
Reset Simulation
Constant Delay
Captured to:
0.008 s
Play Controls
Event List Filters - Visible Events
ICMP
Edit Filters
Show All/None
Time: 00:00:58.552
PLAY CONTROLS:
Event List
Realtime
Simulation
(Select a Device to Drag and Drop to the Workspace)
Scenario 0
New
Delete
Toggle PDU List Window
Fire
Last Status
Source
Destination
Type
Color
Time(sec)
Periodic
Num
Edit
Delete
Successful
HOST 1
PC6
ICMP
0.000
N
0
(edit)
(delete)

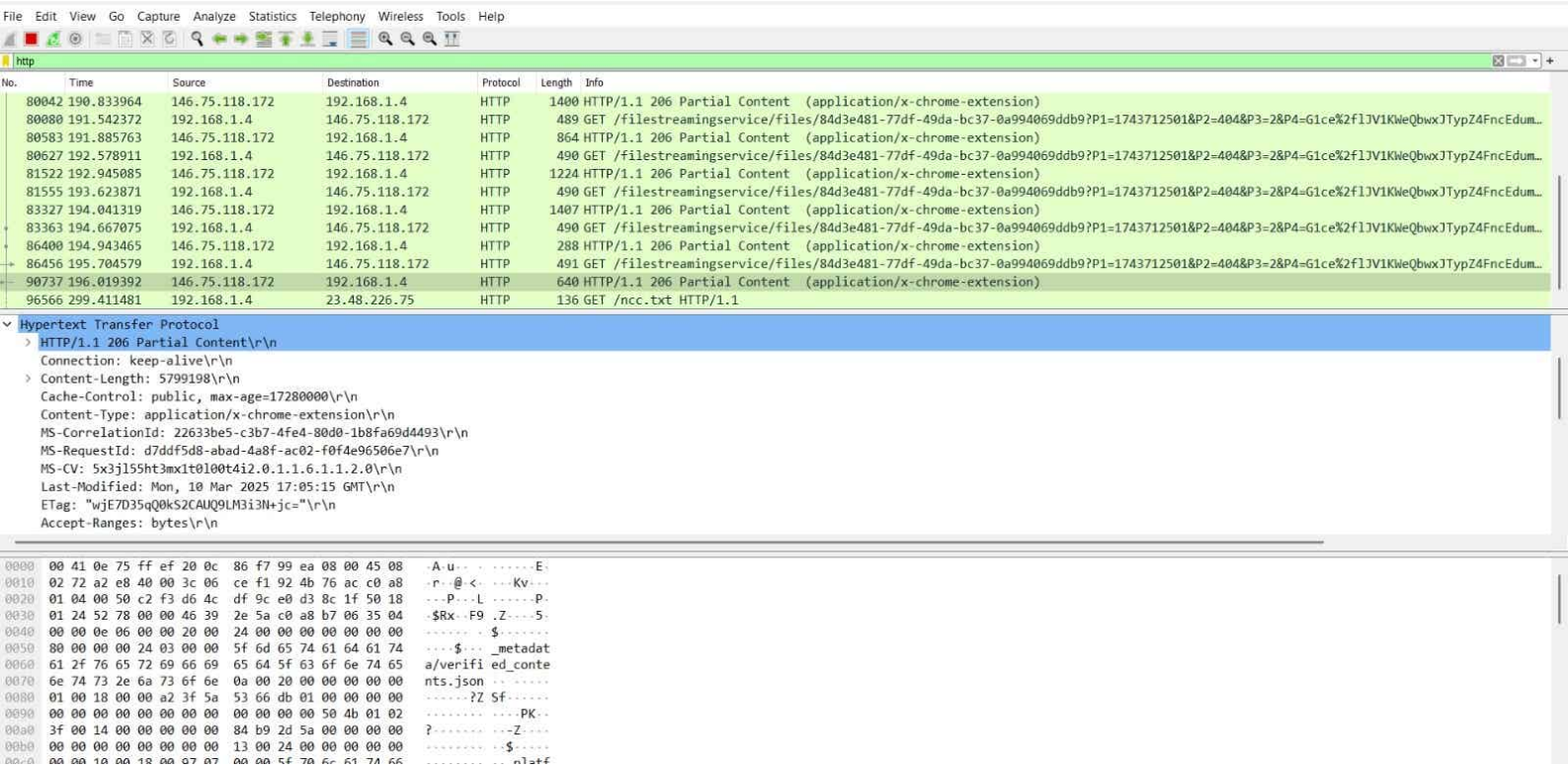

Logical
Physical
x: 1559, y: 507
Root
00:49:00
DLC100
Home Gateway0
SMARTPHONE-PT
Smartphone0
Fan
I
Window
Io
Simulation Panel
Event List
Vis
Time(sec)
Last Device
0.000 --
0.011 --
0.015 --
0.016 Smartphone0
0.017 --
0.018 Home Gateway0
0.018 Home Gateway0
0.018 Home Gateway0
0.021 --
0.022 I
0.025 --
Visible 0.026 Home Gateway0
Visible 0.026 Home Gateway0
Visible 0.026 Home Gateway0
Reset Simulation
Constant Delay
Captured to:
0.026 s
Play Controls
Event List Filters - Visible Events
ICMP
Edit Filters
Show All/None
Time: 00:00:35.026
PLAY CONTROLS
Event List
Realtime
Simulation
(Select a Device to Drag and Drop to the Workspace)
Scenario 0
New
Delete
Toggle PDU List Window
Fire
Last Status
Source
Destination
Type
Color
Time(sec)
Periodic
Num
Edit
Delete
Successful
Smart...
1
ICMP
0.000
N
0
(edit)
(delete)

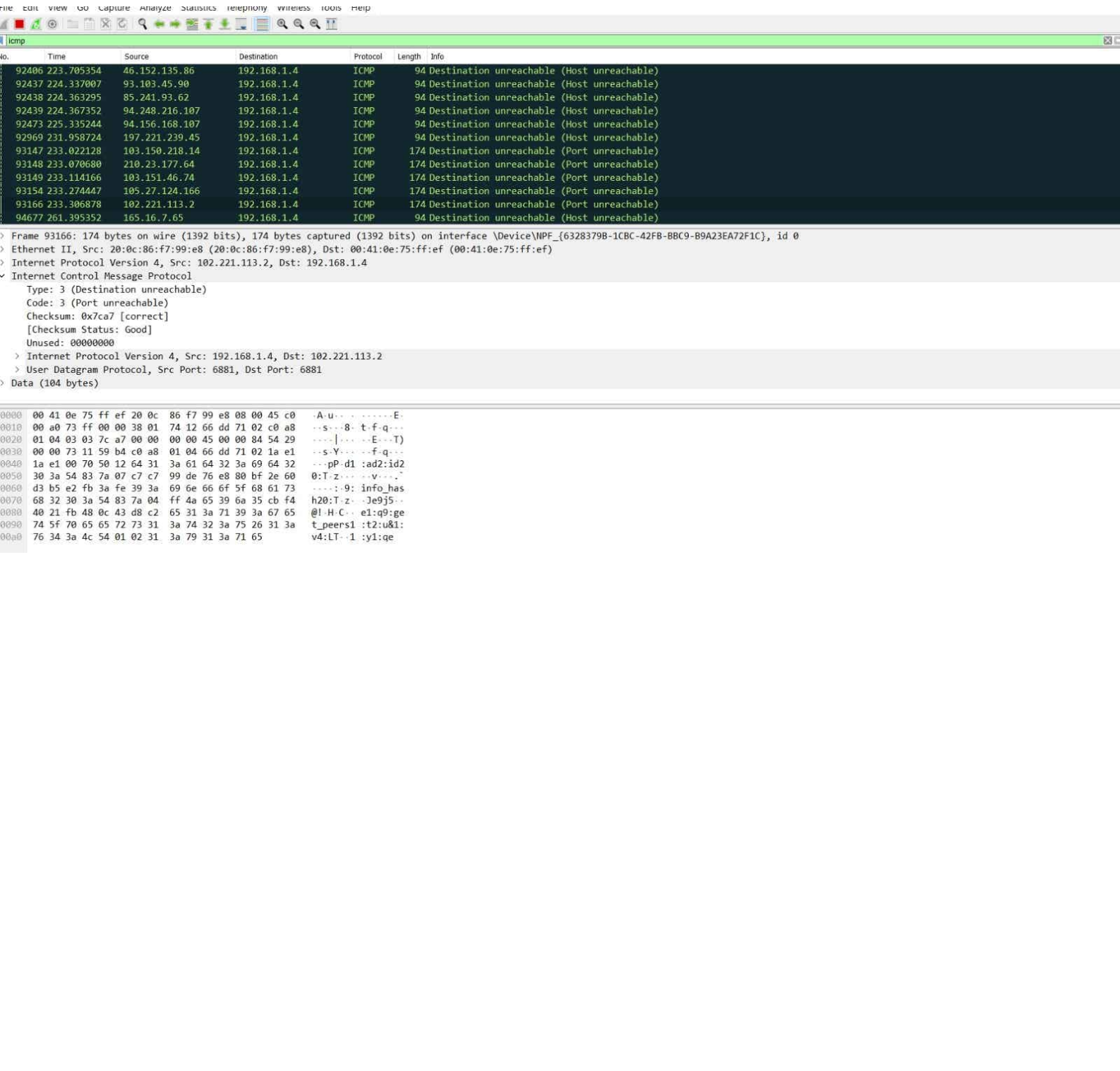

Logical
Physical
x: 2277, y: 341
Root
00:55:30
iot server
Server-PT
Server0
Laptop-PT
Laptop0
HomeRouter-PT-AC
Wireless Router0
Lawn Sprinkler
sprinkle
Water Level Monitor
waterlevel
Simulation Panel
Event List
Vis.
Time(sec)
Last Device
0.000 --
0.014 --
0.019 --
0.020 Laptop0
0.023 --
0.024 Wireless Router0
0.024 Wireless Router0
0.024 Wireless Router0
0.029 --
0.030 waterlevel
0.035 --
Visible 0.036 Wireless Router0
Visible 0.036 Wireless Router0
Visible 0.036 Wireless Router0
Reset Simulation
Constant Delay
Captured to:
0.036 s
Play Controls
Event List Filters - Visible Events
ICMP
Edit Filters
Show All/None
Time: 00:00:31.554
PLAY CONTROLS
Event List
Realtime
Simulation
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
Successful
Laptop0
waterlevel
ICMP
0.000
N
0
(edit)
(delete)

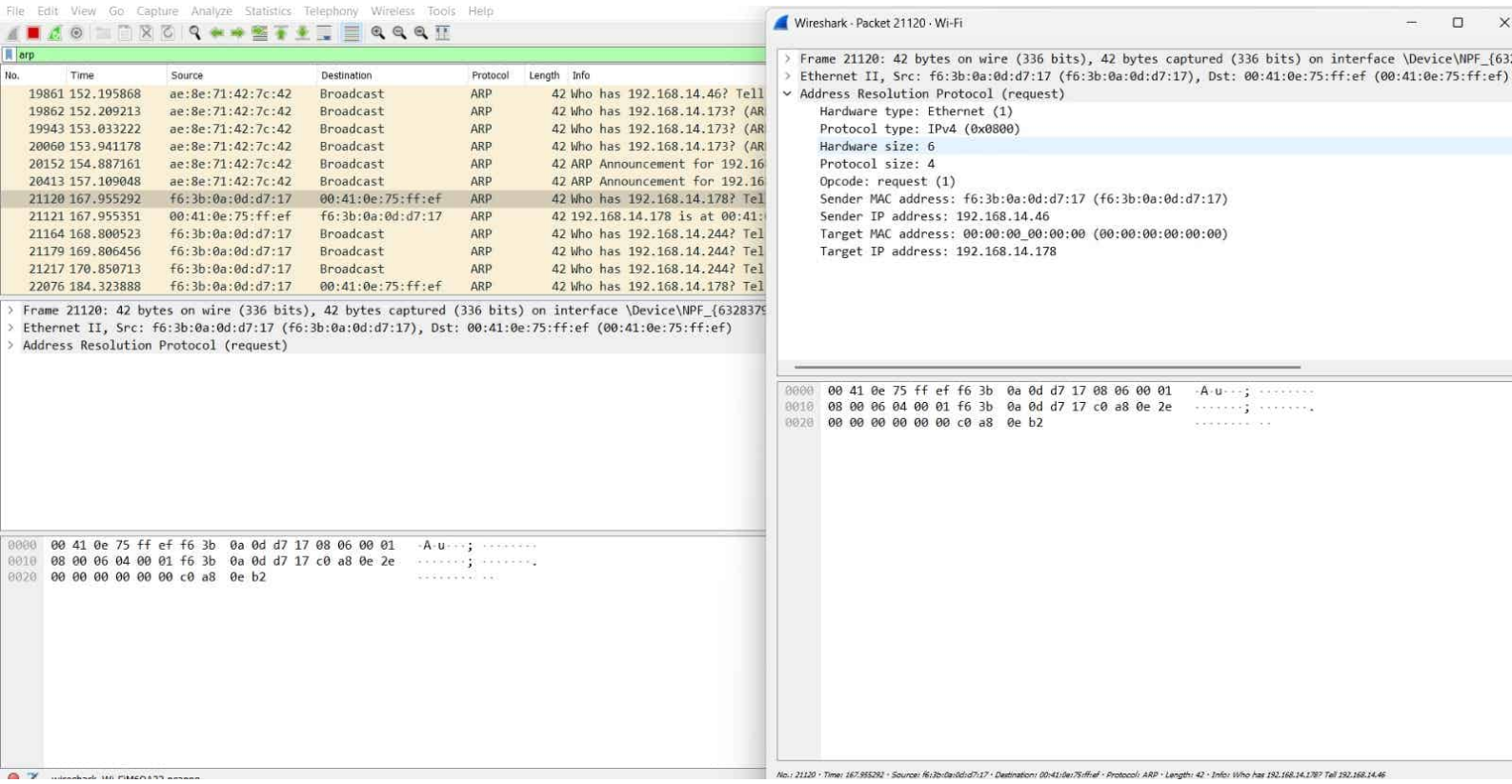

File Edit Options View Tools Extensions Window Help
Logical
Physical
[Root]
Appliance
IoT0
Fan
IoT1
Garage Door
IoT3
Light
IoT4
AccessPoint-PT
Access Point0
2960-24TT
Switch0
Server-PT
Server0
PC-PT
PC0

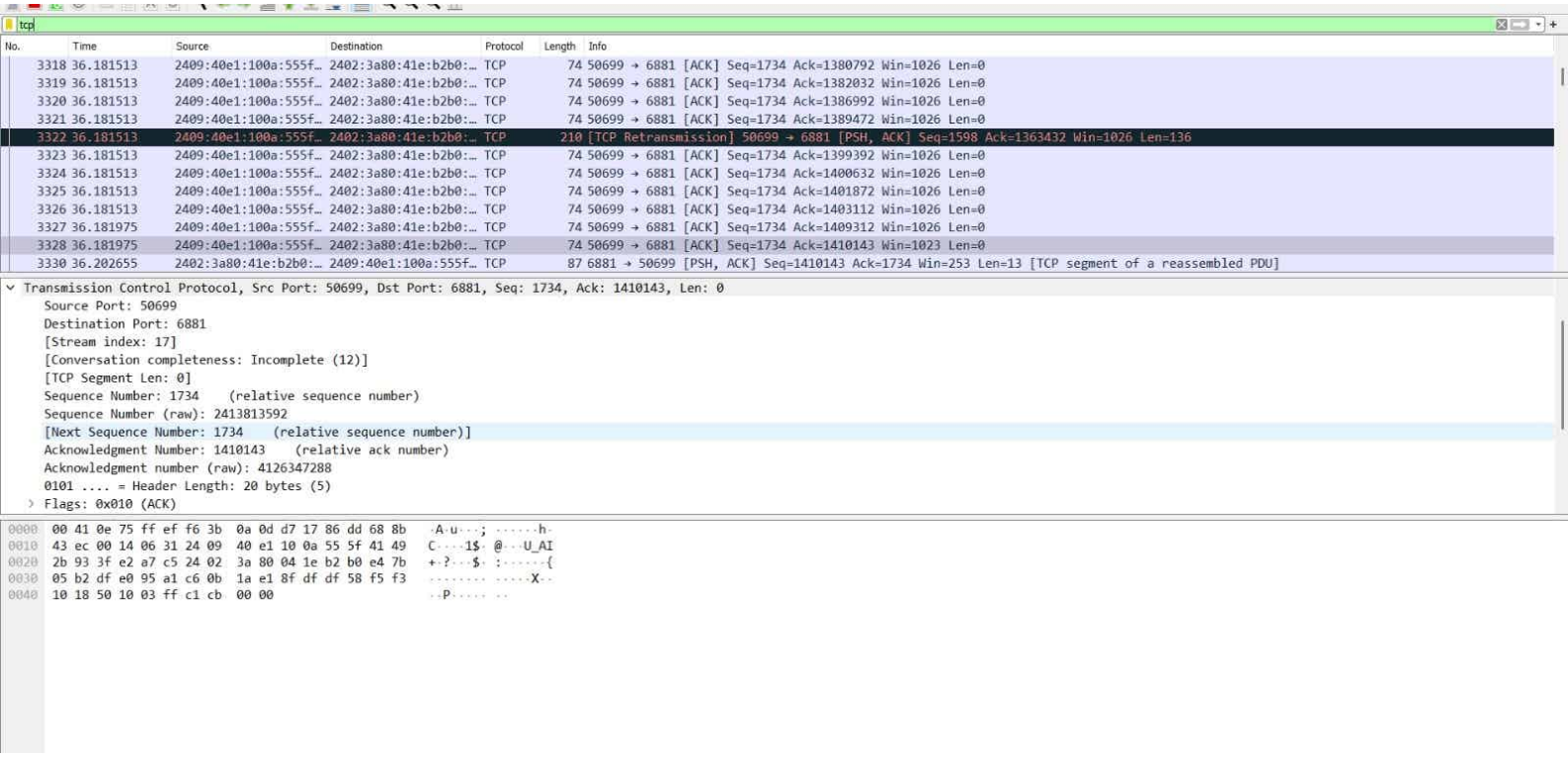

*Wi-Fi
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
icmpv6
No. Time Source Destination Protocol Length Info
28 15.986184 fe80::f43b:aff:fe0d… 2402:3a80:41e:b2b0:… ICMPv6 86 Neighbor Solicitation for 2402:3a80:41e:b2b0:380d:55a3:2487:d3b4 from f6:3b:0a:0d:d7:17
29 15.986531 2402:3a80:41e:b2b0:… fe80::f43b:aff:fe0d… ICMPv6 86 Neighbor Advertisement 2402:3a80:41e:b2b0:380d:55a3:2487:d3b4 (sol, ovr) is at 24:41:8c:b6:bb:92
298 48.919665 fe80::f43b:aff:fe0d… 2402:3a80:41e:b2b0:… ICMPv6 86 Neighbor Solicitation for 2402:3a80:41e:b2b0:380d:55a3:2487:d3b4 from f6:3b:0a:0d:d7:17
299 48.919984 2402:3a80:41e:b2b0:… fe80::f43b:aff:fe0d… ICMPv6 86 Neighbor Advertisement 2402:3a80:41e:b2b0:380d:55a3:2487:d3b4 (sol, ovr) is at 24:41:8c:b6:bb:92
385 71.269549 fe80::f43b:aff:fe0d… 2402:3a80:41e:b2b0:… ICMPv6 86 Neighbor Solicitation for 2402:3a80:41e:b2b0:380d:55a3:2487:d3b4 from f6:3b:0a:0d:d7:17
Frame 298: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface \Device\NPF_{3F20C439-5B54-4B0E-84E1-A43265A238B8}, id 0
Ethernet II, Src: f6:3b:0a:0d:d7:17 (f6:3b:0a:0d:d7:17), Dst: IntelCor_b6:bb:92 (24:41:8c:b6:bb:92)
Internet Protocol Version 6, Src: fe80::f43b:aff:fe0d:d717, Dst: 2402:3a80:41e:b2b0:380d:55a3:2487:d3b4
0110 .... = Version: 6
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 0000 0000 0000 0000 = Flow Label: 0x00000
Payload Length: 32
Next Header: ICMPv6 (58)
Hop Limit: 255
Source Address: fe80::f43b:aff:fe0d:d717
Destination Address: 2402:3a80:41e:b2b0:380d:55a3:2487:d3b4
Internet Control Message Protocol v6
Type: Neighbor Solicitation (135)
Code: 0
Checksum: 0x96e6 [correct]
[Checksum Status: Good]
Reserved: 00000000
Target Address: 2402:3a80:41e:b2b0:380d:55a3:2487:d3b4
ICMPv6 Option (Source link-layer address : f6:3b:0a:0d:d7:17)
0000 24 41 8c b6 bb 92 f6 3b 0a 0d d7 17 86 dd 60 00 $A·····; ·····`·
0010 00 00 00 20 3a ff fe 80 00 00 00 00 00 00 f4 3b ··· :··· ·····;
0020 0a ff fe 0d d7 17 24 02 3a 80 04 1e b2 b0 38 0d ·····$· :·····8·
0030 55 a3 24 87 d3 b4 87 00 96 e6 00 00 00 00 24 02 U·$····· ·····$·
0040 3a 80 04 1e b2 b0 38 0d 55 a3 24 87 d3 b4 01 01 :·····8· U·$·····
0050 f6 3b 0a 0d d7 17 ·;····
Activate Windows
Go to Settings to activate Windows.
Version (ipv6.version), 1 byte
Packets: 6763 · Displayed: 124 (1.8%)
Profile: Default

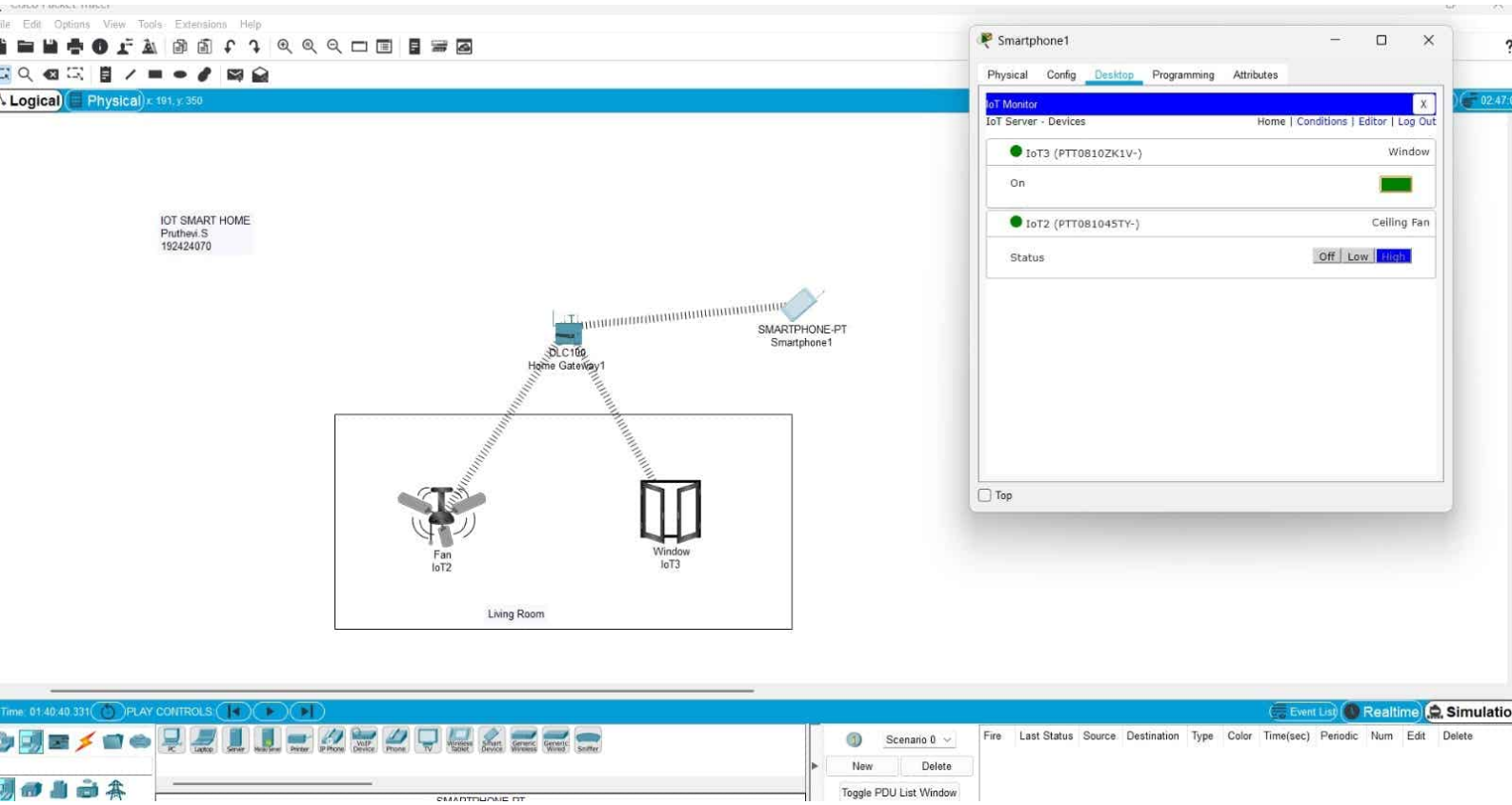

Physical
SMART GARDEN
192.168.1.10
Server-PT
IoT Server
Fa0
0/1
HomeRouter-PT-AC
Wireless Router0
Laptop-PT
Laptop0
Lawn Sprinkler
sprinkle
9.91
Water Level Monitor
waterlevel
Web Browser
URL
http://192.168.1.10/home.html
Go
Stop
IoT Server - Devices
Home | Conditions | Editor | Log Ou
sprinkle (PTT08106VF7-)
Lawn Sprinkler
Status
waterlevel (PTT0810MGR2-)
Water Level Monitor
Water Level
9.9 cm


File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
http
No. Time Source Destination Protocol Length Info
80042 190.833964 146.75.118.172 192.168.1.4 HTTP 1400 HTTP/1.1 206 Partial Content (application/x-chrome-extension)
80080 191.542372 192.168.1.4 146.75.118.172 HTTP 489 GET /filestreamingservice/files/84d3e481-77df-49da-bc37-0a994069ddb9?P1=1743712501&P2=404&P3=2&P4=G1ce%2flJV1KWeQbwxJTypZ4FncEdum…
80583 191.885763 146.75.118.172 192.168.1.4 HTTP 864 HTTP/1.1 206 Partial Content (application/x-chrome-extension)
80627 192.578911 192.168.1.4 146.75.118.172 HTTP 490 GET /filestreamingservice/files/84d3e481-77df-49da-bc37-0a994069ddb9?P1=1743712501&P2=404&P3=2&P4=G1ce%2flJV1KWeQbwxJTypZ4FncEdum…
81522 192.945085 146.75.118.172 192.168.1.4 HTTP 1224 HTTP/1.1 206 Partial Content (application/x-chrome-extension)
81555 193.623871 192.168.1.4 146.75.118.172 HTTP 490 GET /filestreamingservice/files/84d3e481-77df-49da-bc37-0a994069ddb9?P1=1743712501&P2=404&P3=2&P4=G1ce%2flJV1KWeQbwxJTypZ4FncEdum…
83327 194.041319 146.75.118.172 192.168.1.4 HTTP 1407 HTTP/1.1 206 Partial Content (application/x-chrome-extension)
83363 194.667075 192.168.1.4 146.75.118.172 HTTP 490 GET /filestreamingservice/files/84d3e481-77df-49da-bc37-0a994069ddb9?P1=1743712501&P2=404&P3=2&P4=G1ce%2flJV1KWeQbwxJTypZ4FncEdum…
86400 194.943465 146.75.118.172 192.168.1.4 HTTP 288 HTTP/1.1 206 Partial Content (application/x-chrome-extension)
86456 195.704579 192.168.1.4 146.75.118.172 HTTP 491 GET /filestreamingservice/files/84d3e481-77df-49da-bc37-0a994069ddb9?P1=1743712501&P2=404&P3=2&P4=G1ce%2flJV1KWeQbwxJTypZ4FncEdum…
90737 196.019392 146.75.118.172 192.168.1.4 HTTP 640 HTTP/1.1 206 Partial Content (application/x-chrome-extension)
96566 299.411481 192.168.1.4 23.48.226.75 HTTP 136 GET /ncc.txt HTTP/1.1
Hypertext Transfer Protocol
HTTP/1.1 206 Partial Content\r\n
Connection: keep-alive\r\n
Content-Length: 5799198\r\n
Cache-Control: public, max-age=17280000\r\n
Content-Type: application/x-chrome-extension\r\n
MS-CorrelationId: 22633be5-c3b7-4fe4-80d0-1b8fa69d4493\r\n
MS-RequestId: d7ddf5d8-abad-4a8f-ac02-f0f4e96506e7\r\n
MS-CV: 5x3jl55ht3mx1t0l00t4i2.0.1.1.6.1.1.2.0\r\n
Last-Modified: Mon, 10 Mar 2025 17:05:15 GMT\r\n
ETag: "wjE7D35qQ0kS2CAUQ9LM3i3N+jc="\r\n
Accept-Ranges: bytes\r\n
0000 00 41 0e 75 ff ef 20 0c 86 f7 99 ea 08 00 45 08
0010 02 72 a2 e8 40 00 3c 06 ce f1 92 4b 76 ac c0 a8
0020 01 04 00 50 c2 f3 d6 4c df 9c e0 d3 8c 1f 50 18
0030 01 24 52 78 00 00 46 39 2e 5a c0 a8 b7 06 35 04
0040 00 00 0e 06 00 00 20 00 24 00 00 00 00 00 00 00
0050 80 00 00 00 24 03 00 00 5f 6d 65 74 61 64 61 74
0060 61 2f 76 65 72 69 66 69 65 64 5f 63 6f 6e 74 65
0070 6e 74 73 2e 6a 73 6f 6e 0a 00 20 00 00 00 00 00
0080 01 00 18 00 00 a2 3f 5a 53 66 db 01 00 00 00 00
0090 00 00 00 00 00 00 00 00 00 00 00 00 50 4b 01 02
00a0 3f 00 14 00 00 00 00 00 84 b9 2d 5a 00 00 00 00
00b0 00 00 00 00 00 00 00 00 13 00 24 00 00 00 00 00
00c0 00 00 10 00 18 00 97 07 00 00 5f 70 6c 61 74 66

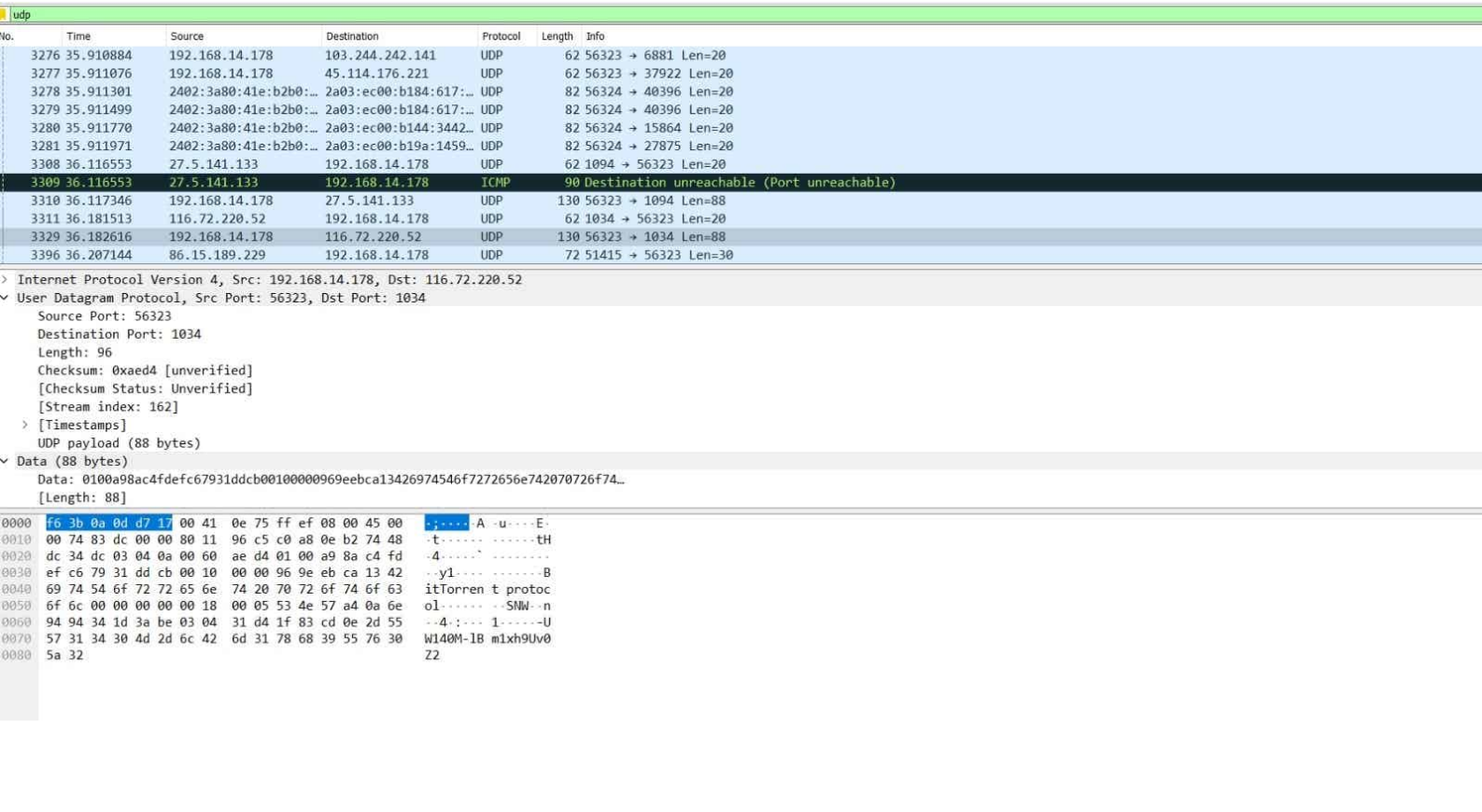

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
icmp
No. Time Source Destination Protocol Length Info
92406 223.705354 46.152.135.86 192.168.1.4 ICMP 94 Destination unreachable (Host unreachable)
92437 224.337007 93.103.45.90 192.168.1.4 ICMP 94 Destination unreachable (Host unreachable)
92438 224.363295 85.241.93.62 192.168.1.4 ICMP 94 Destination unreachable (Host unreachable)
92439 224.367352 94.248.216.107 192.168.1.4 ICMP 94 Destination unreachable (Host unreachable)
92473 225.335244 94.156.168.107 192.168.1.4 ICMP 94 Destination unreachable (Host unreachable)
92969 231.958724 197.221.239.45 192.168.1.4 ICMP 94 Destination unreachable (Host unreachable)
93147 233.022128 103.150.218.14 192.168.1.4 ICMP 174 Destination unreachable (Port unreachable)
93148 233.070680 210.23.177.64 192.168.1.4 ICMP 174 Destination unreachable (Port unreachable)
93149 233.114166 103.151.46.74 192.168.1.4 ICMP 174 Destination unreachable (Port unreachable)
93154 233.274447 105.27.124.166 192.168.1.4 ICMP 174 Destination unreachable (Port unreachable)
93166 233.306878 102.221.113.2 192.168.1.4 ICMP 174 Destination unreachable (Port unreachable)
94677 261.395352 165.16.7.65 192.168.1.4 ICMP 94 Destination unreachable (Host unreachable)
Frame 93166: 174 bytes on wire (1392 bits), 174 bytes captured (1392 bits) on interface \Device\NPF_{6328379B-1CBC-42FB-BBC9-B9A23EA72F1C}, id 0
Ethernet II, Src: 20:0c:86:f7:99:e8 (20:0c:86:f7:99:e8), Dst: 00:41:0e:75:ff:ef (00:41:0e:75:ff:ef)
Internet Protocol Version 4, Src: 102.221.113.2, Dst: 192.168.1.4
Internet Control Message Protocol
Type: 3 (Destination unreachable)
Code: 3 (Port unreachable)
Checksum: 0x7ca7 [correct]
[Checksum Status: Good]
Unused: 00000000
Internet Protocol Version 4, Src: 192.168.1.4, Dst: 102.221.113.2
User Datagram Protocol, Src Port: 6881, Dst Port: 6881
Data (104 bytes)
0000 00 41 0e 75 ff ef 20 0c 86 f7 99 e8 08 00 45 c0 ·A·u·· ·· ·····E·
0010 00 a0 73 ff 00 00 38 01 74 12 66 dd 71 02 c0 a8 ··s···8· t·f·q···
0020 01 04 03 03 7c a7 00 00 00 00 45 00 00 84 54 29 ····|··· ··E···T)
0030 00 00 73 11 59 b4 c0 a8 01 04 66 dd 71 02 1a e1 ··s·Y··· ··f·q···
0040 1a e1 00 70 50 12 64 31 3a 61 64 32 3a 69 64 32 ···pP·d1 :ad2:id2
0050 30 3a 54 83 7a 07 c7 c7 99 de 76 e8 80 bf 2e 60 0:T·z··· ··v····`
0060 d3 b5 e2 fb 3a fe 39 3a 69 6e 66 6f 5f 68 61 73 ····:·9: info_has
0070 68 32 30 3a 54 83 7a 04 ff 4a 65 39 6a 35 cb f4 h20:T·z· ·Je9j5··
0080 40 21 fb 48 0c 43 d8 c2 65 31 3a 71 39 3a 67 65 @!·H·C·· e1:q9:ge
0090 74 5f 70 65 65 72 73 31 3a 74 32 3a 75 26 31 3a t_peers1 :t2:u&1:
00a0 76 34 3a 4c 54 01 02 31 3a 79 31 3a 71 65 v4:LT··1 :y1:qe


File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
arp
No. Time Source Destination Protocol Length Info
19861 152.195868 ae:8e:71:42:7c:42 Broadcast ARP 42 Who has 192.168.14.46? Tell
19862 152.209213 ae:8e:71:42:7c:42 Broadcast ARP 42 Who has 192.168.14.173? (AR
19943 153.033222 ae:8e:71:42:7c:42 Broadcast ARP 42 Who has 192.168.14.173? (AR
20060 153.941178 ae:8e:71:42:7c:42 Broadcast ARP 42 Who has 192.168.14.173? (AR
20152 154.887161 ae:8e:71:42:7c:42 Broadcast ARP 42 ARP Announcement for 192.16
20413 157.109048 ae:8e:71:42:7c:42 Broadcast ARP 42 ARP Announcement for 192.16
21120 167.955292 f6:3b:0a:0d:d7:17 00:41:0e:75:ff:ef ARP 42 Who has 192.168.14.178? Tel
21121 167.955351 00:41:0e:75:ff:ef f6:3b:0a:0d:d7:17 ARP 42 192.168.14.178 is at 00:41:
21164 168.800523 f6:3b:0a:0d:d7:17 Broadcast ARP 42 Who has 192.168.14.244? Tel
21179 169.806456 f6:3b:0a:0d:d7:17 Broadcast ARP 42 Who has 192.168.14.244? Tel
21217 170.850713 f6:3b:0a:0d:d7:17 Broadcast ARP 42 Who has 192.168.14.244? Tel
22076 184.323888 f6:3b:0a:0d:d7:17 00:41:0e:75:ff:ef ARP 42 Who has 192.168.14.178? Tel
Frame 21120: 42 bytes on wire (336 bits), 42 bytes captured (336 bits) on interface \Device\NPF_{6328379
Ethernet II, Src: f6:3b:0a:0d:d7:17 (f6:3b:0a:0d:d7:17), Dst: 00:41:0e:75:ff:ef (00:41:0e:75:ff:ef)
Address Resolution Protocol (request)
0000 00 41 0e 75 ff ef f6 3b 0a 0d d7 17 08 06 00 01 ·A·u···; ····
0010 08 00 06 04 00 01 f6 3b 0a 0d d7 17 c0 a8 0e 2e ·····; ····
0020 00 00 00 00 00 00 c0 a8 0e b2 ····· ··
Wireshark · Packet 21120 · Wi-Fi
Frame 21120: 42 bytes on wire (336 bits), 42 bytes captured (336 bits) on interface \Device\NPF_{63
Ethernet II, Src: f6:3b:0a:0d:d7:17 (f6:3b:0a:0d:d7:17), Dst: 00:41:0e:75:ff:ef (00:41:0e:75:ff:ef)
Address Resolution Protocol (request)
Hardware type: Ethernet (1)
Protocol type: IPv4 (0x0800)
Hardware size: 6
Protocol size: 4
Opcode: request (1)
Sender MAC address: f6:3b:0a:0d:d7:17 (f6:3b:0a:0d:d7:17)
Sender IP address: 192.168.14.46
Target MAC address: 00:00:00_00:00:00 (00:00:00:00:00:00)
Target IP address: 192.168.14.178
0000 00 41 0e 75 ff ef f6 3b 0a 0d d7 17 08 06 00 01 ·A·u···; ····
0010 08 00 06 04 00 01 f6 3b 0a 0d d7 17 c0 a8 0e 2e ·····; ····
0020 00 00 00 00 00 00 c0 a8 0e b2 ····· ··


tcp
No. Time Source Destination Protocol Length Info
3318 36.181513 2409:40e1:100a:555f… 2402:3a80:41e:b2b0:… TCP 74 50699 → 6881 [ACK] Seq=1734 Ack=1380792 Win=1026 Len=0
3319 36.181513 2409:40e1:100a:555f… 2402:3a80:41e:b2b0:… TCP 74 50699 → 6881 [ACK] Seq=1734 Ack=1382032 Win=1026 Len=0
3320 36.181513 2409:40e1:100a:555f… 2402:3a80:41e:b2b0:… TCP 74 50699 → 6881 [ACK] Seq=1734 Ack=1386992 Win=1026 Len=0
3321 36.181513 2409:40e1:100a:555f… 2402:3a80:41e:b2b0:… TCP 74 50699 → 6881 [ACK] Seq=1734 Ack=1389472 Win=1026 Len=0
3322 36.181513 2409:40e1:100a:555f… 2402:3a80:41e:b2b0:… TCP 210 [TCP Retransmission] 50699 → 6881 [PSH, ACK] Seq=1598 Ack=1363432 Win=1026 Len=136
3323 36.181513 2409:40e1:100a:555f… 2402:3a80:41e:b2b0:… TCP 74 50699 → 6881 [ACK] Seq=1734 Ack=1399392 Win=1026 Len=0
3324 36.181513 2409:40e1:100a:555f… 2402:3a80:41e:b2b0:… TCP 74 50699 → 6881 [ACK] Seq=1734 Ack=1400632 Win=1026 Len=0
3325 36.181513 2409:40e1:100a:555f… 2402:3a80:41e:b2b0:… TCP 74 50699 → 6881 [ACK] Seq=1734 Ack=1401872 Win=1026 Len=0
3326 36.181513 2409:40e1:100a:555f… 2402:3a80:41e:b2b0:… TCP 74 50699 → 6881 [ACK] Seq=1734 Ack=1403112 Win=1026 Len=0
3327 36.181975 2409:40e1:100a:555f… 2402:3a80:41e:b2b0:… TCP 74 50699 → 6881 [ACK] Seq=1734 Ack=1409312 Win=1026 Len=0
3328 36.181975 2409:40e1:100a:555f… 2402:3a80:41e:b2b0:… TCP 74 50699 → 6881 [ACK] Seq=1734 Ack=1410143 Win=1023 Len=0
3330 36.202655 2402:3a80:41e:b2b0:… 2409:40e1:100a:555f… TCP 87 6881 → 50699 [PSH, ACK] Seq=1410143 Ack=1734 Win=253 Len=13 [TCP segment of a reassembled PDU]
Transmission Control Protocol, Src Port: 50699, Dst Port: 6881, Seq: 1734, Ack: 1410143, Len: 0
Source Port: 50699
Destination Port: 6881
[Stream index: 17]
[Conversation completeness: Incomplete (12)]
[TCP Segment Len: 0]
Sequence Number: 1734 (relative sequence number)
Sequence Number (raw): 2413813592
[Next Sequence Number: 1734 (relative sequence number)]
Acknowledgment Number: 1410143 (relative ack number)
Acknowledgment number (raw): 4126347288
0101 .... = Header Length: 20 bytes (5)
Flags: 0x010 (ACK)
0000 00 41 0e 75 ff ef f6 3b 0a 0d d7 17 86 dd 68 8b
0010 43 ec 00 14 06 31 24 09 40 e1 10 0a 55 5f 41 49
0020 2b 93 3f e2 a7 c5 24 02 3a 80 04 1e b2 b0 e4 7b
0030 05 b2 df e0 95 a1 c6 0b 1a e1 8f df df 58 f5 f3
0040 10 18 50 10 03 ff c1 cb 00 00


Smartphone1
Physical
Config
Desktop
Programming
Attributes
IoT Monitor
IoT Server - Devices
Home | Conditions | Editor | Log Out
IoT3 (PTT0810ZK1V-)
Window
On
IoT2 (PTT08104STY-)
Ceiling Fan
Status
Off
Low
High
Top
Logical
Physical
IOT SMART HOME
Pruthevi.S
192424070
DLC100
Home Gateway1
SMARTPHONE-PT
Smartphone1
Fan
IoT2
Window
IoT3
Living Room

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


udp
No. Time Source Destination Protocol Length Info
3276 35.910884 192.168.14.178 103.244.242.141 UDP 62 56323 → 6881 Len=20
3277 35.911076 192.168.14.178 45.114.176.221 UDP 62 56323 → 37922 Len=20
3278 35.911301 2402:3a80:41e:b2b0:… 2a03:ec00:b184:617:… UDP 82 56324 → 40396 Len=20
3279 35.911499 2402:3a80:41e:b2b0:… 2a03:ec00:b184:617:… UDP 82 56324 → 40396 Len=20
3280 35.911770 2402:3a80:41e:b2b0:… 2a03:ec00:b144:3442… UDP 82 56324 → 15864 Len=20
3281 35.911971 2402:3a80:41e:b2b0:… 2a03:ec00:b19a:1459… UDP 82 56324 → 27875 Len=20
3308 36.116553 27.5.141.133 192.168.14.178 UDP 62 1094 → 56323 Len=20
3309 36.116553 27.5.141.133 192.168.14.178 ICMP 90 Destination unreachable (Port unreachable)
3310 36.117346 192.168.14.178 27.5.141.133 UDP 130 56323 → 1094 Len=88
3311 36.181513 116.72.220.52 192.168.14.178 UDP 62 1034 → 56323 Len=20
3329 36.182616 192.168.14.178 116.72.220.52 UDP 130 56323 → 1034 Len=88
3396 36.207144 86.15.189.229 192.168.14.178 UDP 72 51415 → 56323 Len=30
Internet Protocol Version 4, Src: 192.168.14.178, Dst: 116.72.220.52
User Datagram Protocol, Src Port: 56323, Dst Port: 1034
Source Port: 56323
Destination Port: 1034
Length: 96
Checksum: 0xaed4 [unverified]
[Checksum Status: Unverified]
[Stream index: 162]
[Timestamps]
UDP payload (88 bytes)
Data (88 bytes)
Data: 0100a98ac4fdefc67931ddcb00100000969eebca13426974546f7272656e742070726f74…
[Length: 88]
0000 f6 3b 0a 0d d7 17 00 41 0e 75 ff ef 08 00 45 00
0010 00 74 83 dc 00 00 80 11 96 c5 c0 a8 0e b2 74 48
0020 dc 34 dc 03 04 0a 00 60 ae d4 01 00 a9 8a c4 fd
0030 ef c6 79 31 dd cb 00 10 00 00 96 9e eb ca 13 42
0040 69 74 54 6f 72 72 65 6e 74 20 70 72 6f 74 6f 63
0050 6f 6c 00 00 00 00 00 18 00 05 53 4e 57 a4 0a 6e
0060 94 94 34 1d 3a be 03 04 31 d4 1f 83 cd 0e 2d 55
0070 57 31 34 30 4d 2d 6c 42 6d 31 78 68 39 55 76 30
0080 5a 32

```c
#include<stdio.h>
#include<string.h>
int main()
{int i=0,count=0;
 char databits[80];
 printf("Enter Data Bits: ");
 scanf("%s",databits);
 printf("\nData Bits After Bit stuffing: ");
  for(i=0; i<strlen(databits); i++)
 {if(databits[i]=='1')
        count++;
    else
        count=0;
    printf("%c",databits[i]);
    if(count==5)
    {printf("0");
        count=0;}
 }
return 0 ;}
```

```
Enter Data Bits: 1111110000011000000111000000011111111111111111

Data Bits After Bit stuffing:
    1111101000001100000011100000001111101111101111101111

=== Code Execution Successful ===
```