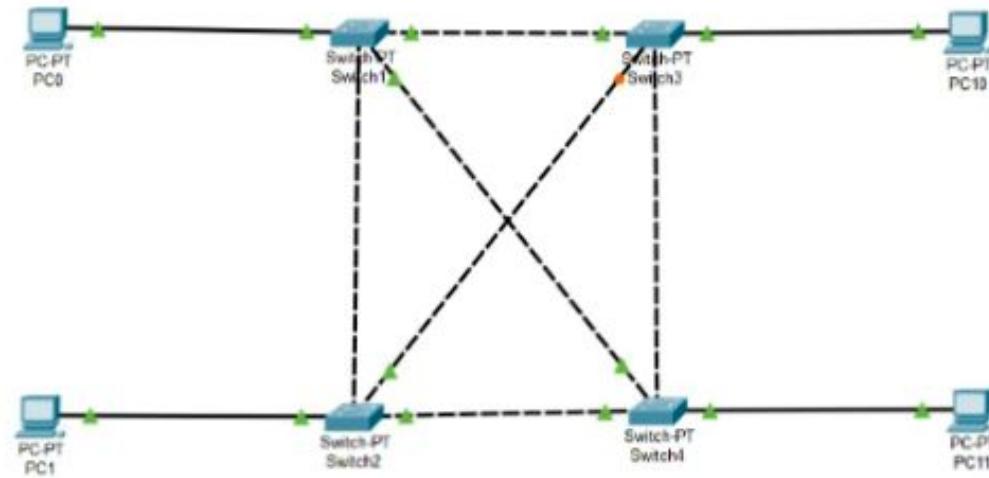


Logical (Physical) x 2564, y 0

[Root]



Time: 00:00:16.450 PLAY CONTROLS

Event List Realtime Simulation

26°C  
Light rain

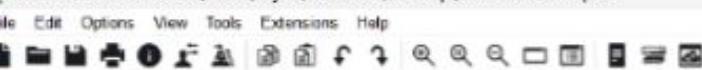
Search



ENG

IN

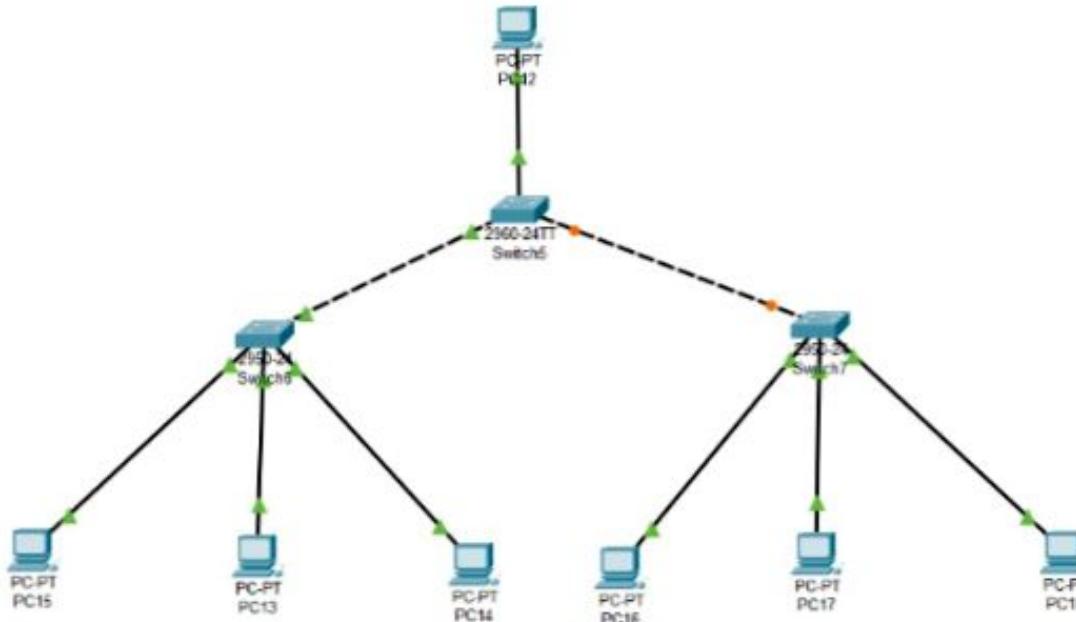
13:52  
17-11-2024



Logical Physical

Root

06:27



Time: 00:07:50.750

PLAY

CONTROLS

&lt;

&gt;

X

H

Event List

Realtime Simulation

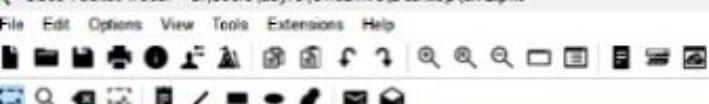


1 cm of rain

Search

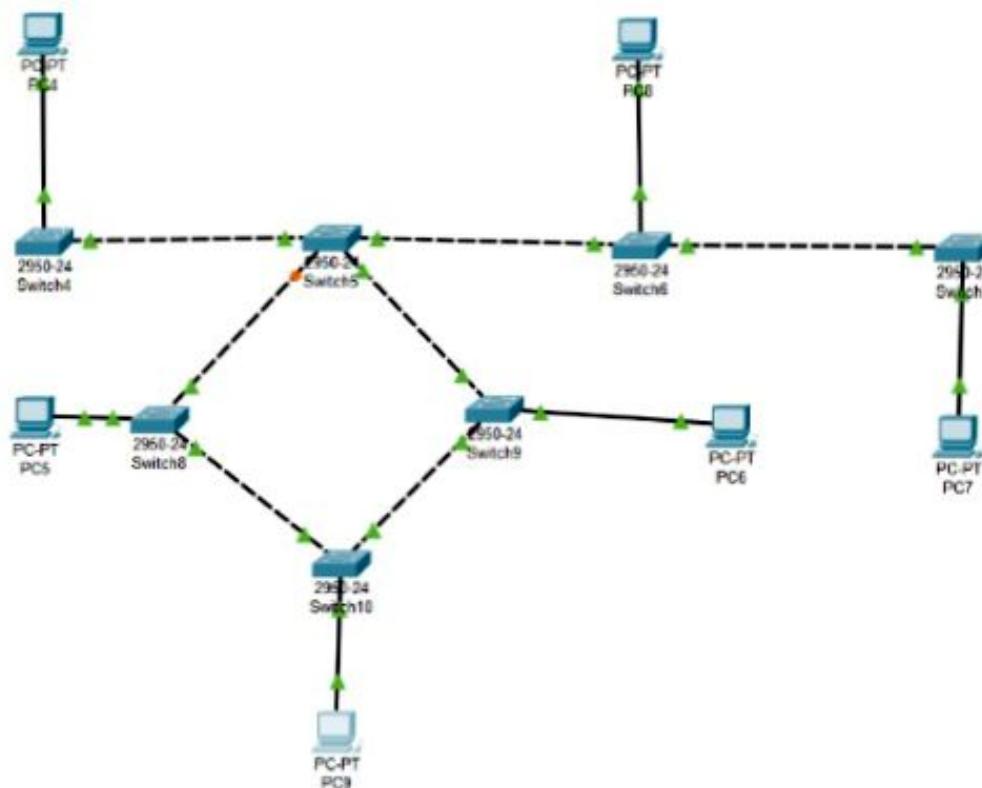


14:00



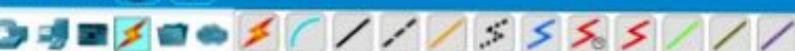
Logical Physical (2250 x 922)

Root (15.2)



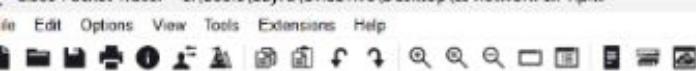
Time: 00:00:00

Realtime Simulation



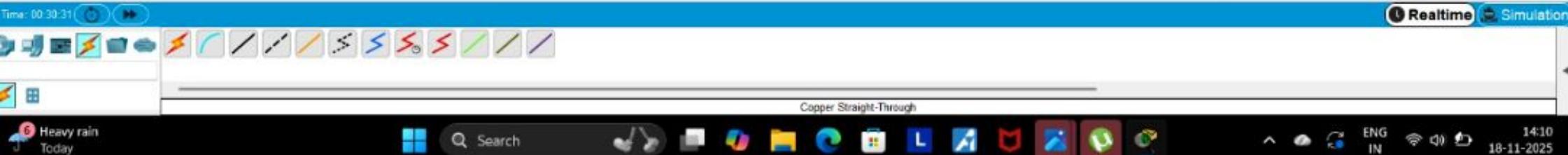
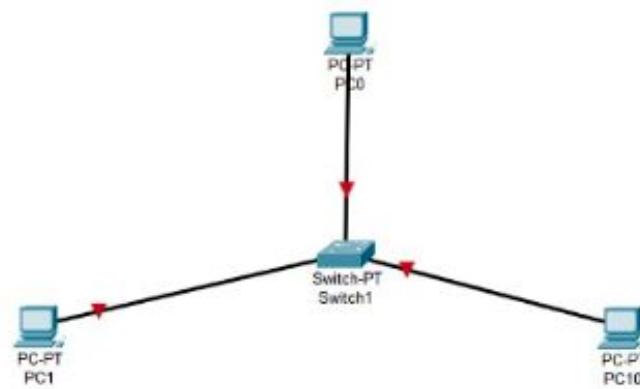
1 cm of rain

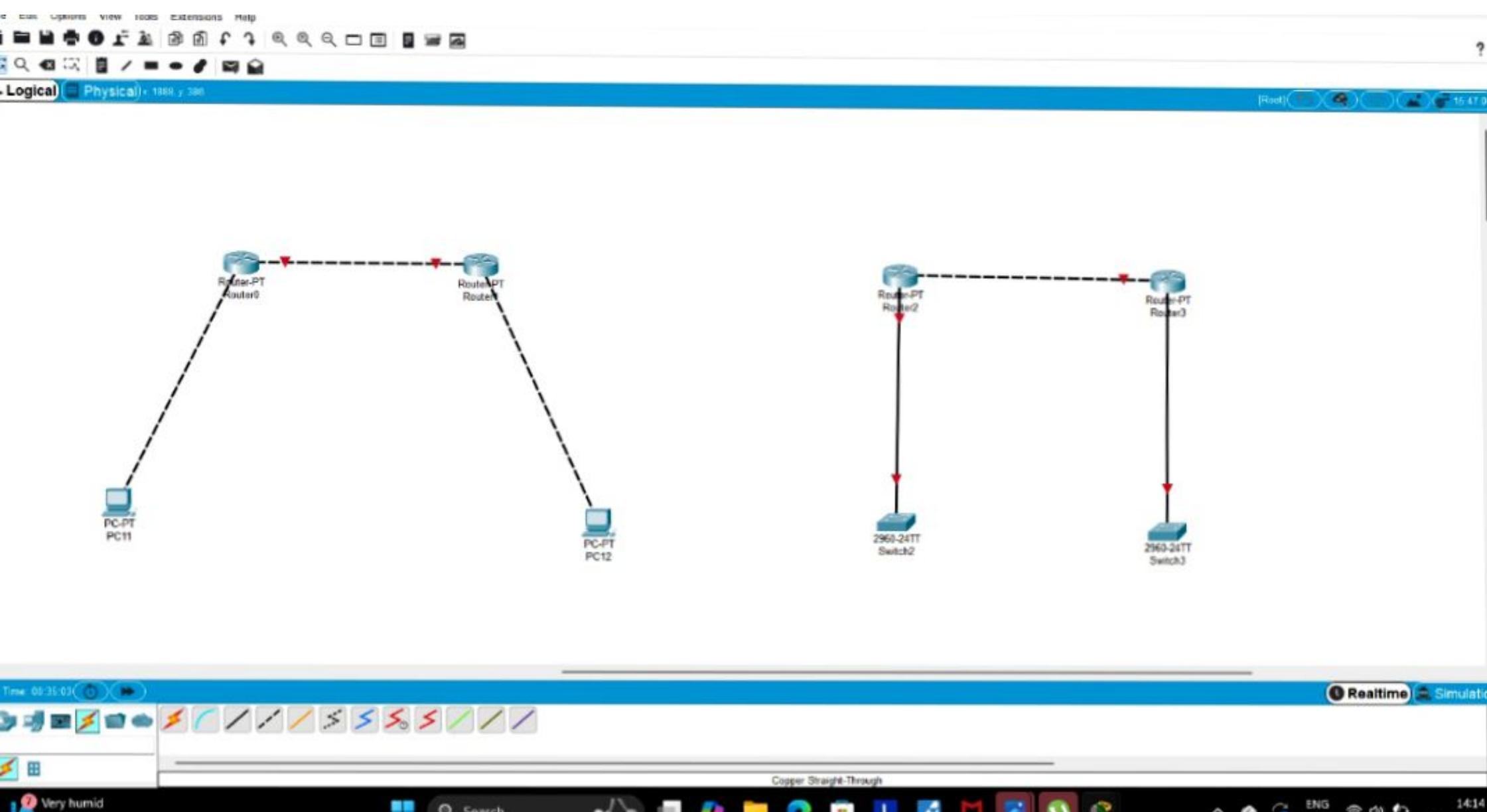
Automatically Choose Connection Type

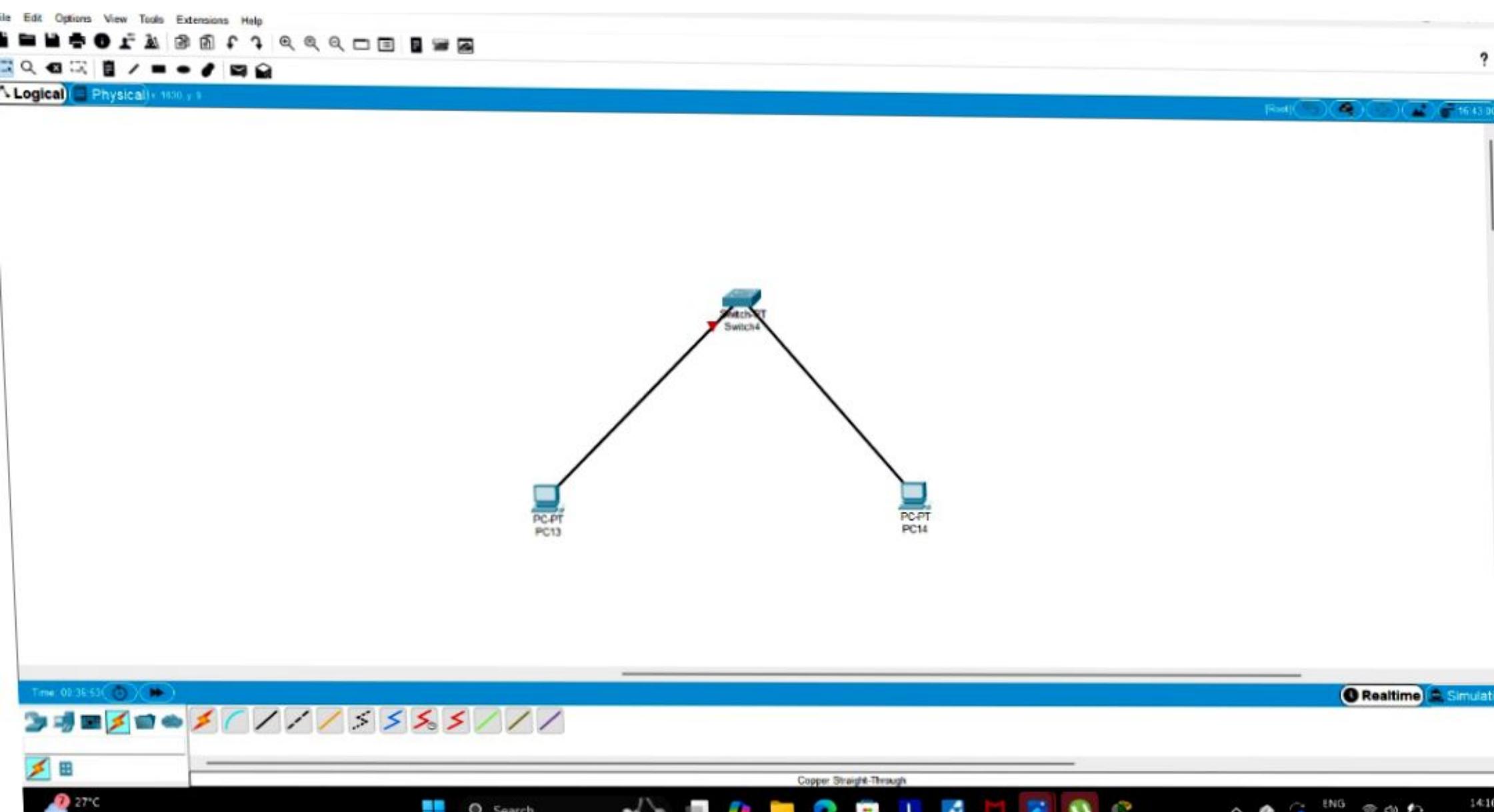


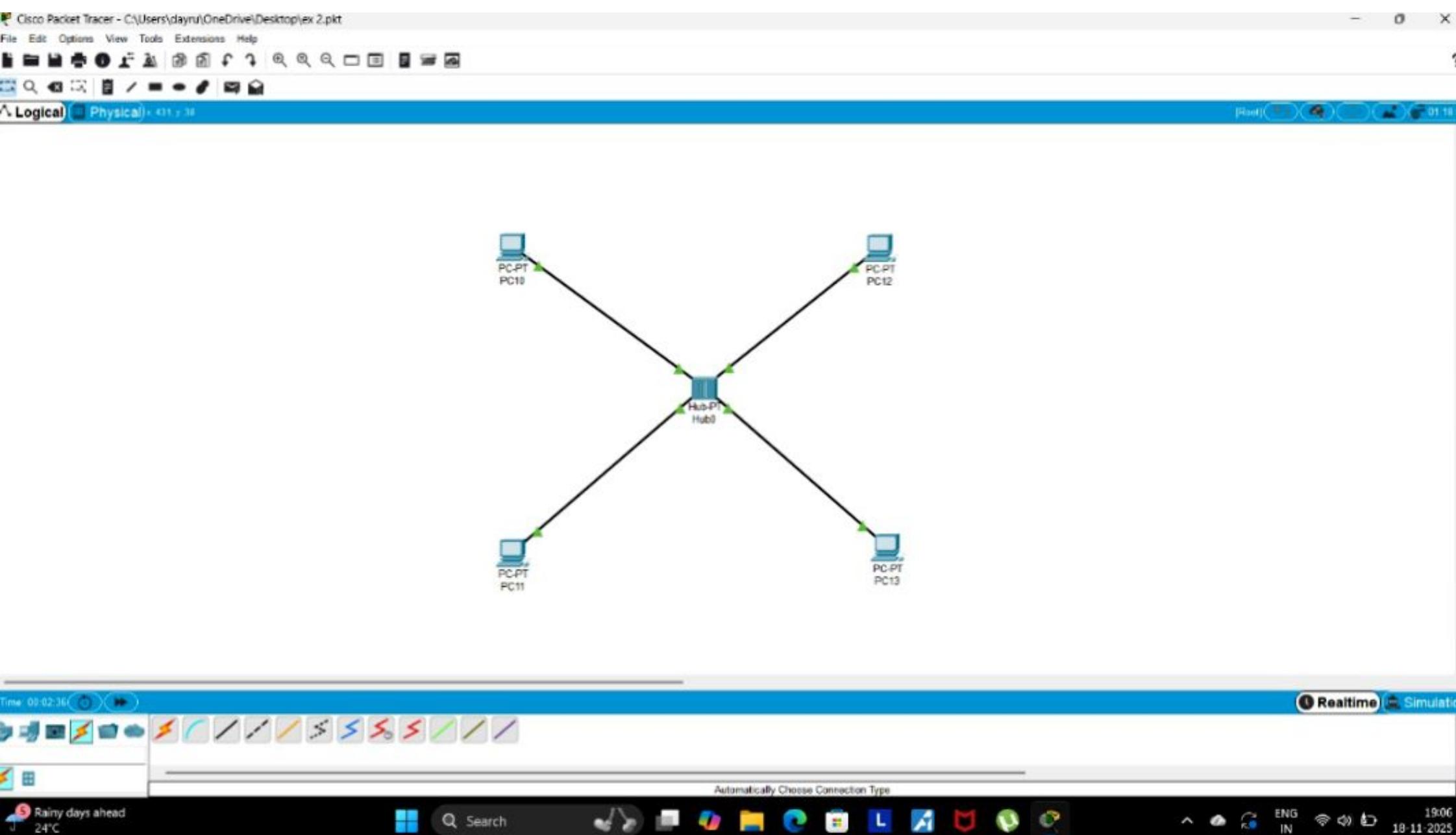
Logical Physical x 1529, y 7

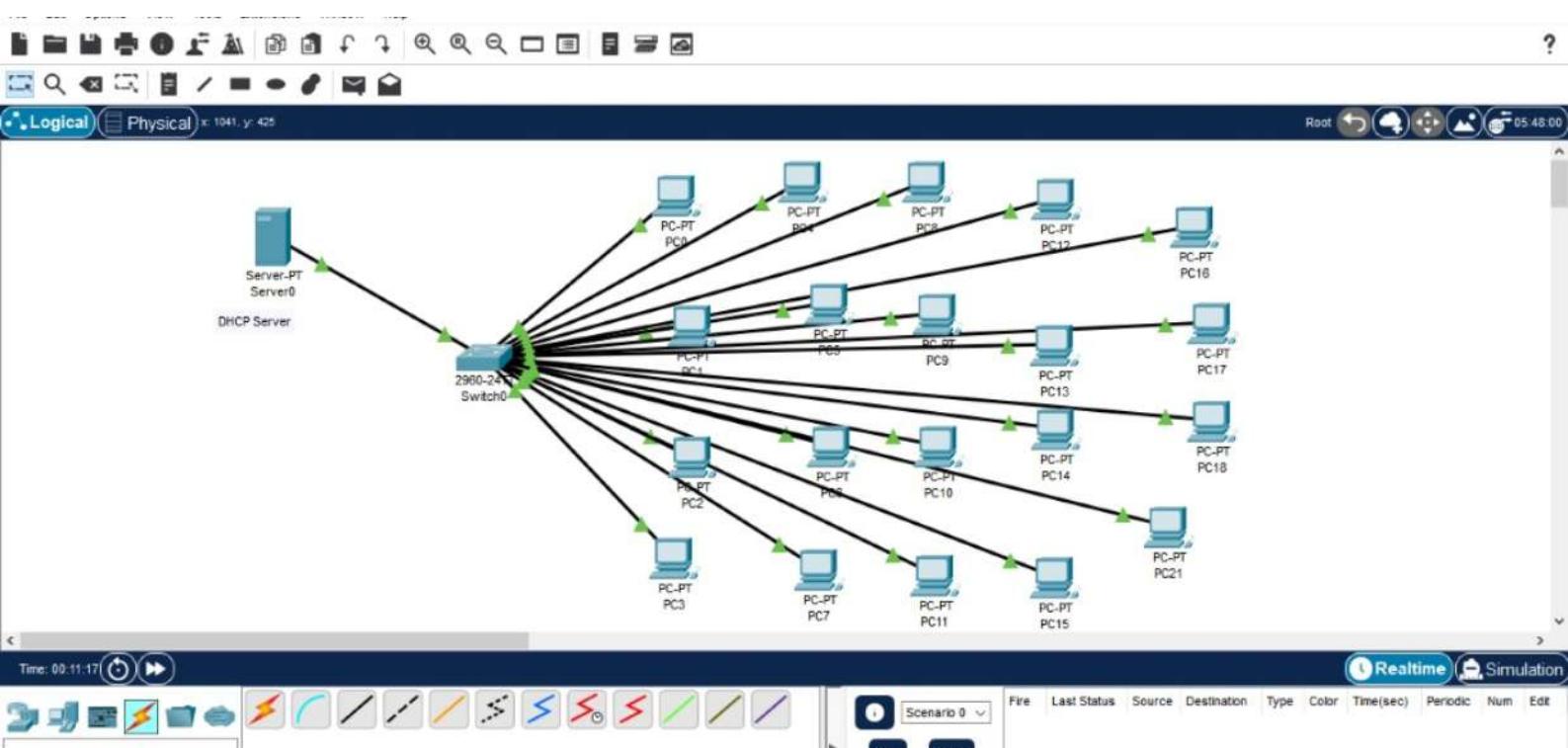
[Root] 13:30:30





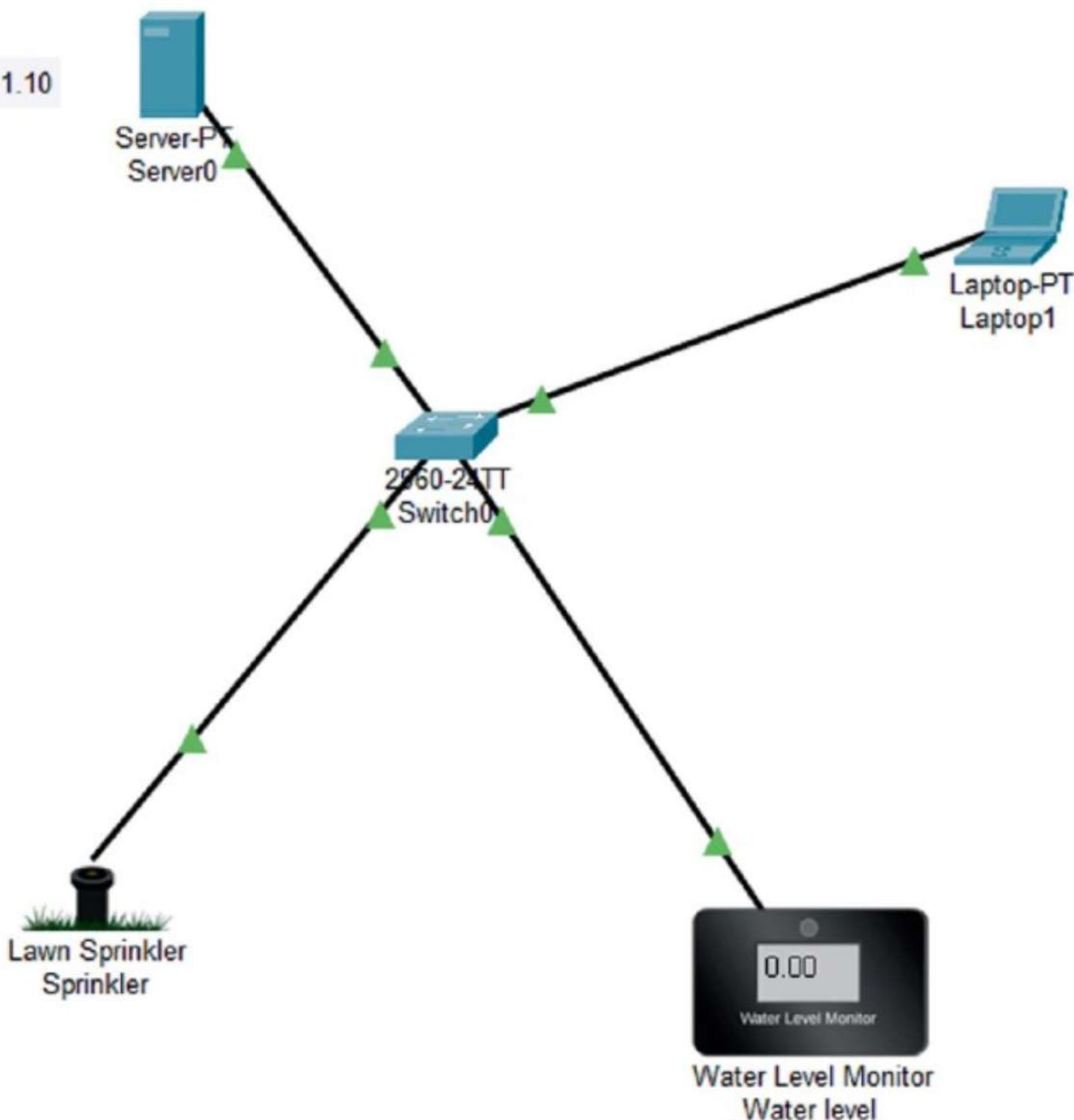


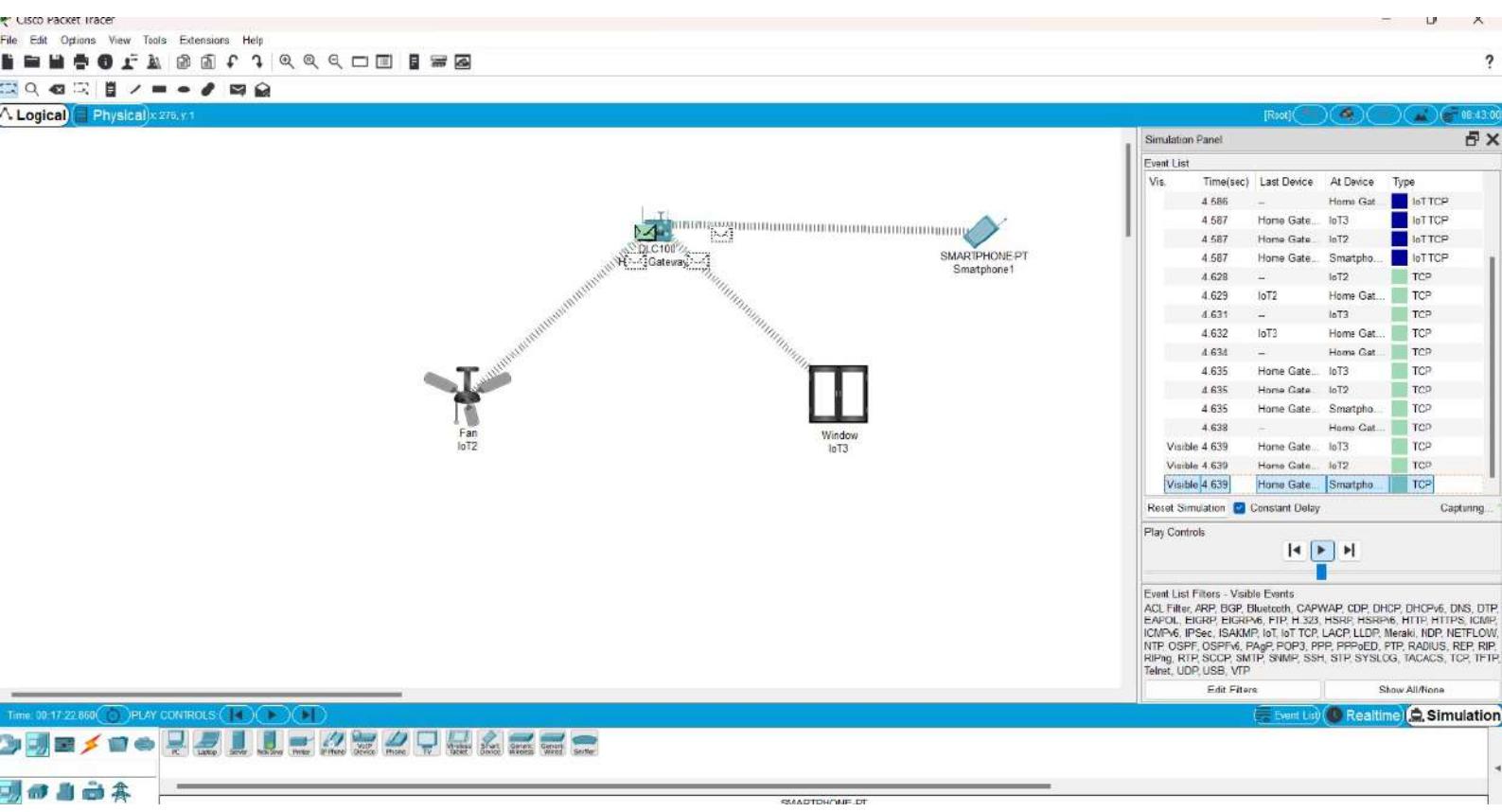


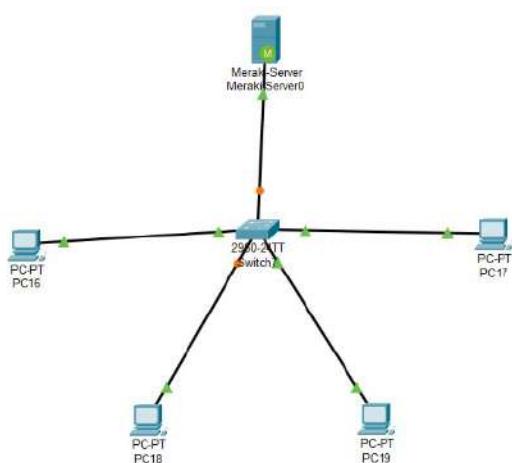


## Smart Garden

192.168.1.10

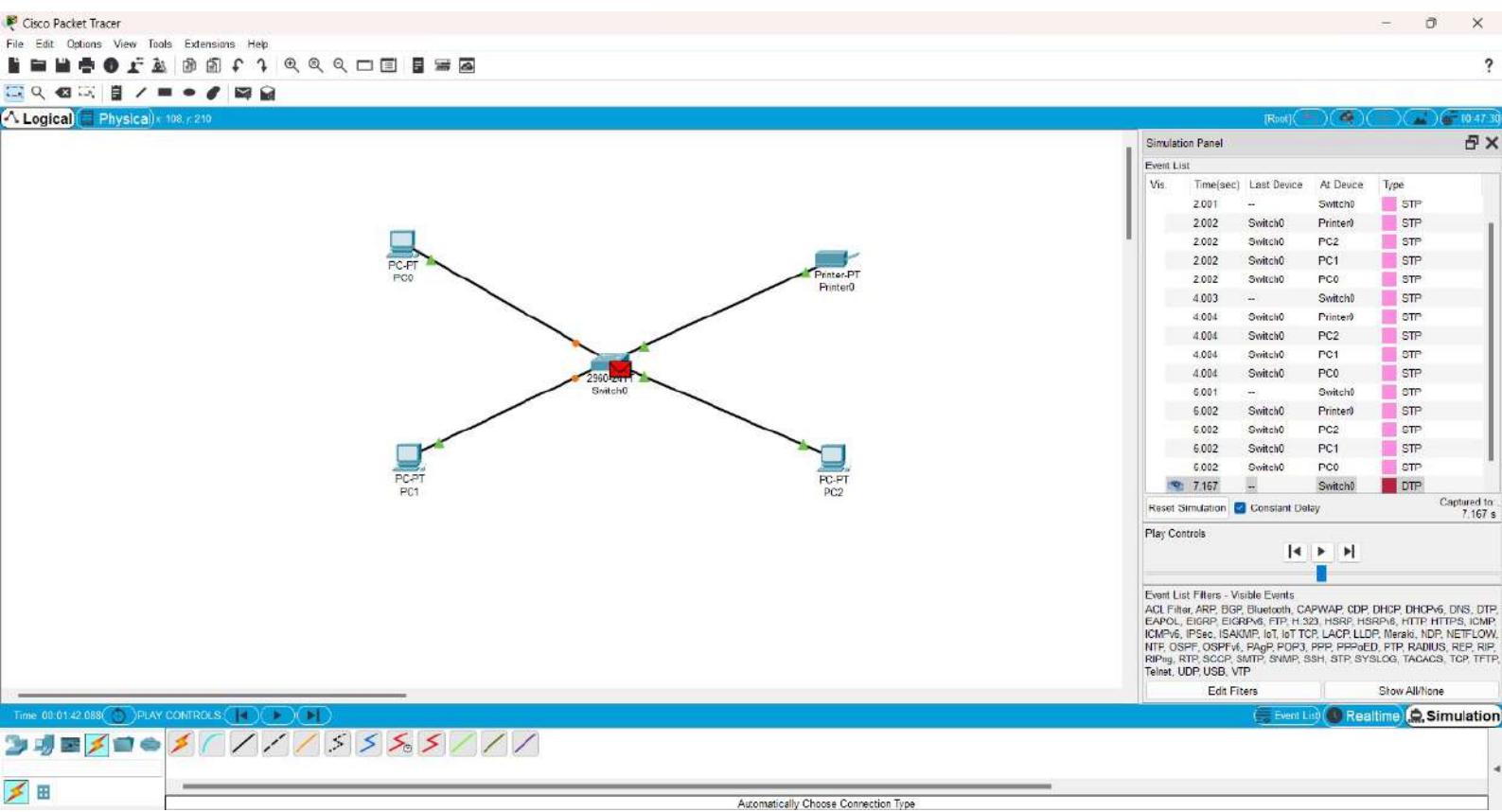


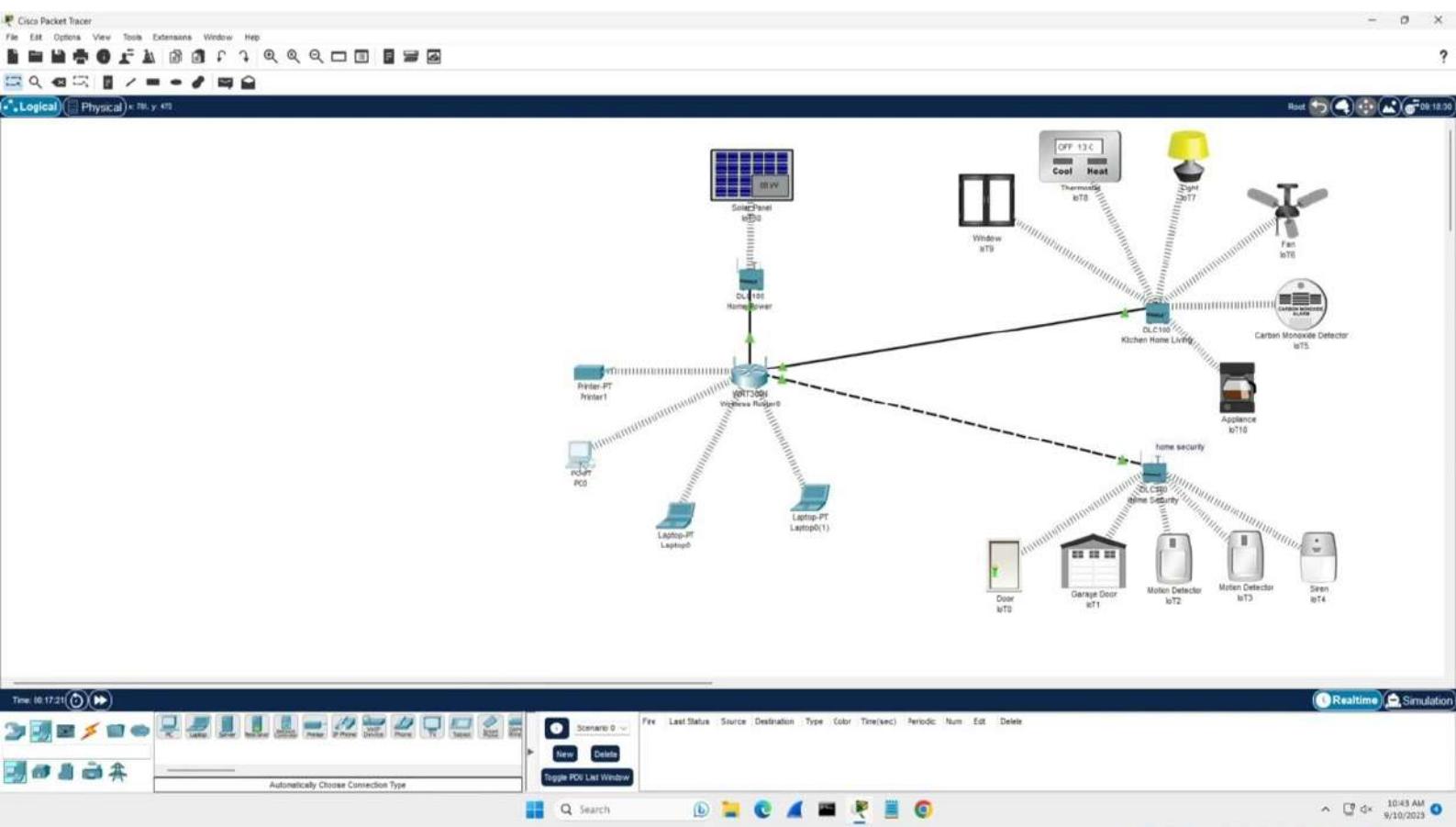


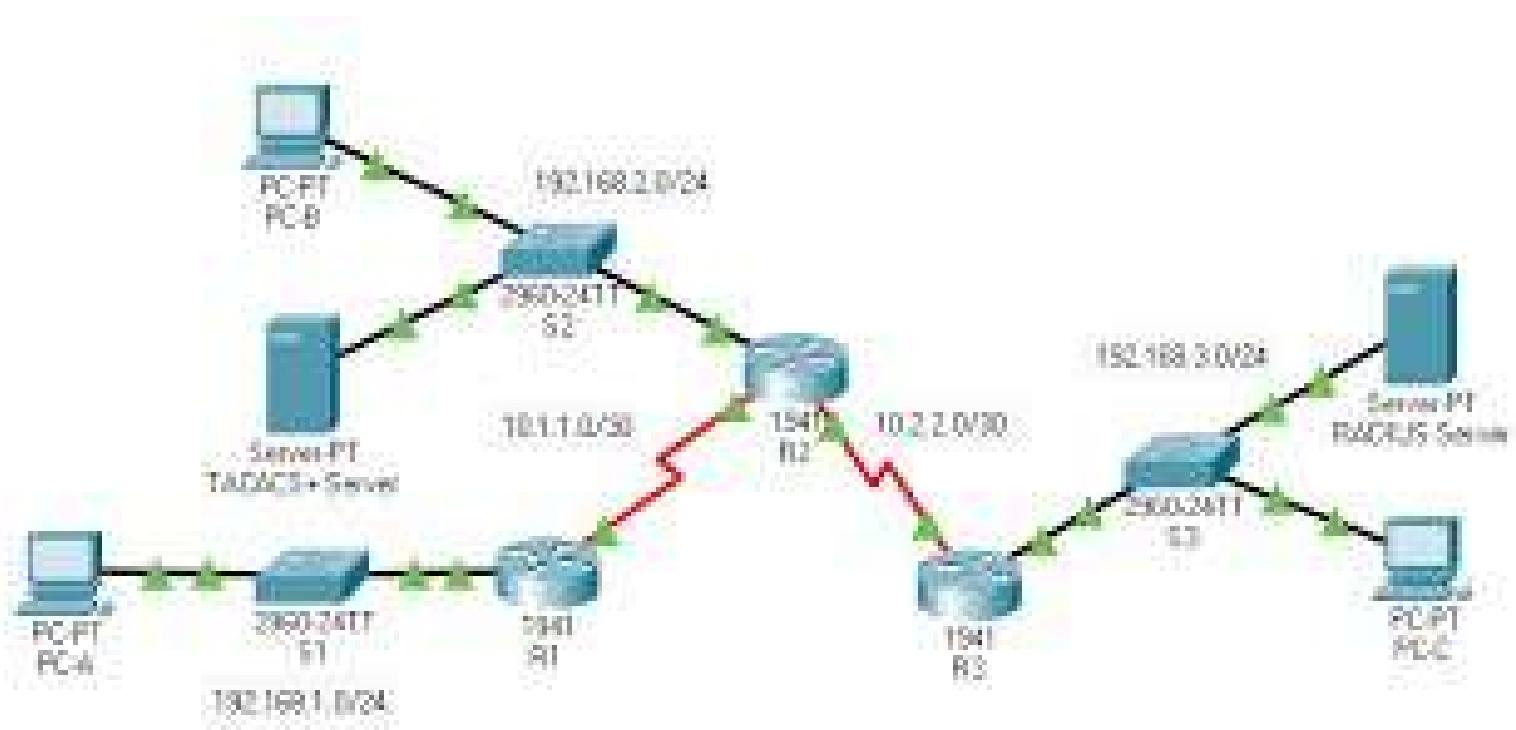


Vis.	Time(sec)	Last Device	At Device	Type
0.182	Switch7	Meraki Se...		STP
0.182	Switch7	PC17		STP
0.182	Switch7	PC19		STP
0.187	-	Switch2		STP
0.188	Switch2	PC4		STP
0.513	-	Switch5		STP
0.514	Switch5	PC9		STP
0.514	Switch5	PC11		STP
0.514	Switch5	PC10		STP
0.793	-	Switch4		STP
0.794	Switch4	PC6		STP
0.794	Switch4	PC8		STP
0.794	Switch4	PC7		STP
1.056	-	Switch1		STP
Visible 1.057	Switch1	PC2		STP
Visible 1.057	Switch1	PC3		STP

Reset Simulation  Constant Delay  
 Captured to 1.057  
 Play Controls: Backward, Forward, Stop  
 Event List Filters - Visible Events  
 ACL Filter, ARP, BGP, Bluetooth, CAPI/WAP, 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, PPPoE, PTP, RADIUS, REP, RIP, RIPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFT, Telnet, UDP, USB, VTP







Capturing from Wi-Fi

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

Apply as display Capture options

No.	Time	Source	Destination	Protocol	Length	Info
675	17.860260	2401:4900:915e:9b70..	2a03:90c0:5a1:2801:..	TCP	80	54123 → 80 [ACK] Seq=438 Ack=47214 Win=2304 Len=0 TSval=522199645 TSecr=611041571
676	17.860360	192.168.172.150	3.233.158.41	TCP	54	54133 → 443 [ACK] Seq=518 Ack=3415 Win=65792 Len=0
677	17.861499	192.168.172.150	3.233.158.41	TLSv1.2	139	Client Key Exchange, Change Cipher Spec, Encrypted Handshake Message
678	17.908566	192.168.172.150	151.101.38.172	TCP	66	54122 → 80 [ACK] Seq=438 Ack=66422 Win=2304 Len=0 TSval=522199685 TSecr=3607574460
679	18.471733	2a03:90c0:5a1:2801:..	2401:4900:915e:9b70..	TCP	105	80 → 54123 [ACK] Seq=47214 Ack=438 Win=32768 Len=19 TSval=611042124 TSecr=522199544 [TCP segment of a reassembled PDU]
680	18.471733	2a03:90c0:5a1:2801:..	2401:4900:915e:9b70..	TCP	1219	80 → 54123 [ACK] Seq=47233 Ack=438 Win=32768 Len=1133 TSval=611042125 TSecr=522199644 [TCP segment of a reassembled PDU]
681	18.471828	2401:4900:915e:9b70..	2a03:90c0:5a1:2801:..	TCP	86	54123 → 80 [ACK] Seq=436 Ack=48366 Win=2304 Len=0 TSval=522200257 TSecr=611042124
682	18.471932	3.233.158.41	192.168.172.150	TLSv1.2	304	New Session Ticket, Change Cipher Spec, Encrypted Handshake Message
683	18.471932	2a03:90c0:5a1:2801:..	2401:4900:915e:9b70..	TCP	105	80 → 54123 [PSH, ACK] Seq=48366 Ack=438 Win=32768 Len=19 TSval=611042265 TSecr=522199645 [TCP segment of a reassembled PDU]
684	18.473354	192.168.172.150	3.233.158.41	TCP	590	54133 → 443 [ACK] Seq=683 Ack=3695 Win=65536 Len=536 [TCP segment of a reassembled PDU]
685	18.473354	192.168.172.150	3.233.158.41	TCP	590	54133 → 443 [ACK] Seq=1139 Ack=3865 Len=65536 Len=536 [TCP segment of a reassembled PDU]
686	18.473354	192.168.172.150	3.233.158.41	TCP	590	54133 → 443 [ACK] Seq=1675 Ack=3665 Win=65536 Len=536 [TCP segment of a reassembled PDU]
>	Frame 613: 78 bytes on wire (624 bits), 78 bytes captured (624 bits) on interface \Device\NPF_{D9B26A6C-BFA3-418C-B8D5-03BC775F74AC}, id 0					
>	Ethernet II, Src: 28:2e:89:0b:c8:e4 (28:2e:89:0b:c8:e4), Dst: 92:al:cb:14:ec:24 (92:al:cb:14:ec:24)					
>	Internet Protocol Version 4, Src: 192.168.172.150, Dst: 151.101.38.172					
>	Transmission Control Protocol, Src Port: 54122, Dst Port: 80, Seq: 438, Ack: 53639, Len: 0					
0000	92 a1 cb 14 ec 24 28 2e	89 00 c8 e4 00 00 45 00	.....\$.	.....E		
0001	00 40 00 14 40 00 00 06	44 53 c0 a8 ac 98 97 65	0-@..	DS.....e		
0002	26 ac d3 6a 00 50 cf 15	76 d5 54 fc 7b ae b0 10	&-jP-	v-T-{---		
0003	00 09 4b 3e 00 00 01 01	08 0a 1f 20 13 94 d7 07	-Ks-----	....---		
0004	27 2c 01 01 05 00 54 fc	80 2e 54 fc 84 ae	'y...T-	..T---		

Wi-Fi: <live capture in progress> | Packets: 1639 - Displayed: 1639 (100.0%) | Profile: Default

eth0: Capturing - Wireshark

File Edit View Go Capture Analyze Statistics Help

Filter: Expression... Clear Apply

No.	Time	Source	Destination	Protocol	Info
46	139.931167	Wistron_07:07:ee	broadcast	ARP	who has 192.168.1.254? tell 192.168.1.00
47	139.931463	ThomsonT_08:35:4f	Wistron_07:07:ee	ARP	192.168.1.254 is at 00:90:d0:08:35:4f
48	139.931466	192.168.1.68	192.168.1.254	DNS	Standard query A www.google.com
49	139.975406	192.168.1.254	192.168.1.68	DNS	Standard query response CNAME www.l.google.com A 66.102.9.99
50	139.976811	192.168.1.68	66.102.9.99	TCP	62216 > http [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=2
51	140.079578	66.102.9.99	192.168.1.68	TCP	http > 62216 [SYN, ACK] Seq=0 Ack=1 Win=5720 Len=0 MSS=1430
52	140.079583	192.168.1.68	66.102.9.99	TCP	62216 > http [ACK] Seq=1 Ack=1 Win=65780 Len=0
53	140.080278	192.168.1.68	66.102.9.99	HTTP	GET /complete/search?hl=en&client=suggest&js=true&q=m&cp=1 H
54	140.086765	192.168.1.68	66.102.9.99	TCP	62216 > http [FIN, ACK] Seq=805 Ack=1 Win=65780 Len=0
55	140.086921	192.168.1.68	66.102.9.99	TCP	62218 > http [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=2
56	140.197484	66.102.9.99	192.168.1.68	TCP	http > 62216 [ACK] Seq=1 Ack=805 Win=7360 Len=0
57	140.197777	66.102.9.99	192.168.1.68	TCP	http > 62216 [FIN, ACK] Seq=1 Ack=806 Win=7360 Len=0
58	140.197811	192.168.1.68	66.102.9.99	TCP	62216 > http [ACK] Seq=806 Ack=2 Win=65780 Len=0
59	140.218210	66.102.9.99	192.168.1.68	TCP	http > 62218 [SYN, ACK] Seq=0 Ack=1 Win=6720 Len=0 MSS=1430

Frame 1 (42 bytes on wire, 42 bytes captured)  
 Ethernet II, Src: Vmware\_38:eb:0e (00:0c:29:38:eb:0e), Dst: Broadcast (ff:ff:ff:ff:ff:ff)  
 Address Resolution Protocol (request)

```

0000  ff ff ff ff ff 00 0c 29 38 eb 0e 08 06 00 01  ..... 18.....
0010  08 00 06 04 00 01 00 0c 29 38 eb 0e c0 a8 39 80  ..... 18....9.
0020  00 00 00 00 00 00 c0 a8 39 02  ..... 9.

```

eth0: <live capture in progress> File... Packets: 445 Displayed: 445 Marked: 0 Profile: Default

Capturing from Wi-Fi

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

Apply a display filter ... <Ctrl-/>

No.	Time	Source	Destination	Protocol	Length	Info
3713	1051.573602	192.168.29.52	224.77.77.77	UDP	148	12177 → 12177 Len=100 (0x64)
3714	1051.574665	192.168.29.52	224.77.77.77	UDP	148	12177 → 12177 Len=100 (0x64)
3715	1052.592470	Serverco_79:a9:e7	IntelCor_a1:a2:bb	ARP	42	Who has 192.168.29.52? IntelCor_a1:a2:bb is at 192.168.29.52 (on interface br0)
3716	1052.592506	IntelCor_a1:a2:bb	Serverco_79:a9:e7	ARP	42	192.168.29.52 is at IntelCor_a1:a2:bb (on interface br0)
3717	1054.588652	192.168.29.52	224.77.77.77	UDP	148	12177 → 12177 Len=100 (0x64)
3718	1054.615545	192.168.29.52	224.77.77.77	UDP	148	12177 → 12177 Len=100 (0x64)

> Frame 1196: 50 bytes on wire (400 bits), 50 bytes captured (400 bits) on interface \Device\NPF\_{E9...}

✗ Ethernet II, Src: Serverco\_79:a9:e7 (a8:da:0c:79:a9:e7), Dst: IPv4mcast\_01 (01:00:5e:00:00:01)

- > Destination: IPv4mcast\_01 (01:00:5e:00:00:01)
- > Source: Serverco\_79:a9:e7 (a8:da:0c:79:a9:e7)
- Type: IPv4 (0x0800)
- > Internet Protocol Version 4, Src: 192.168.29.1, Dst: 224.0.0.1
- > Internet Group Management Protocol

0000	01 00 5e 00 00 01	a8 da 0c 79 a9 e7 08 00 46 c0	. . ^ . . . . y . . . F .
0010	00 24 bd b3 00 00 01 02	a8 b5 c0 a8 1d 01 e0 00	. \$ . . . . . . . . . . . .
0020	00 01 94 04 00 00 11 64	e5 87 00 00 00 00 09 14	. . . . . d . . . . . . . .
0030	00 00		..

Destination Hardware Address (eth.dst), 6 bytes

Packets: 3718 · Displayed: 3718 (100.0%) · Profile: Default