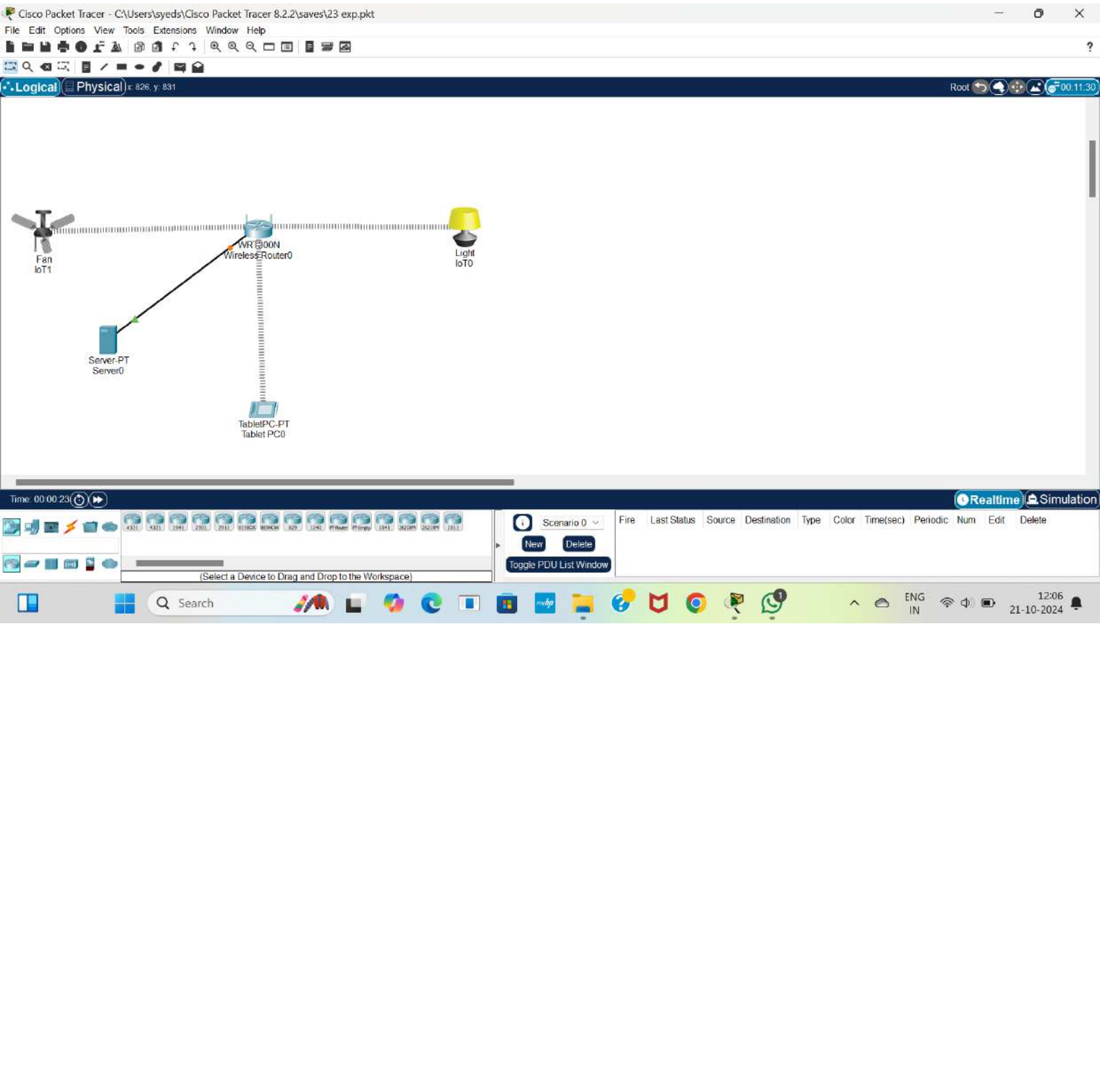
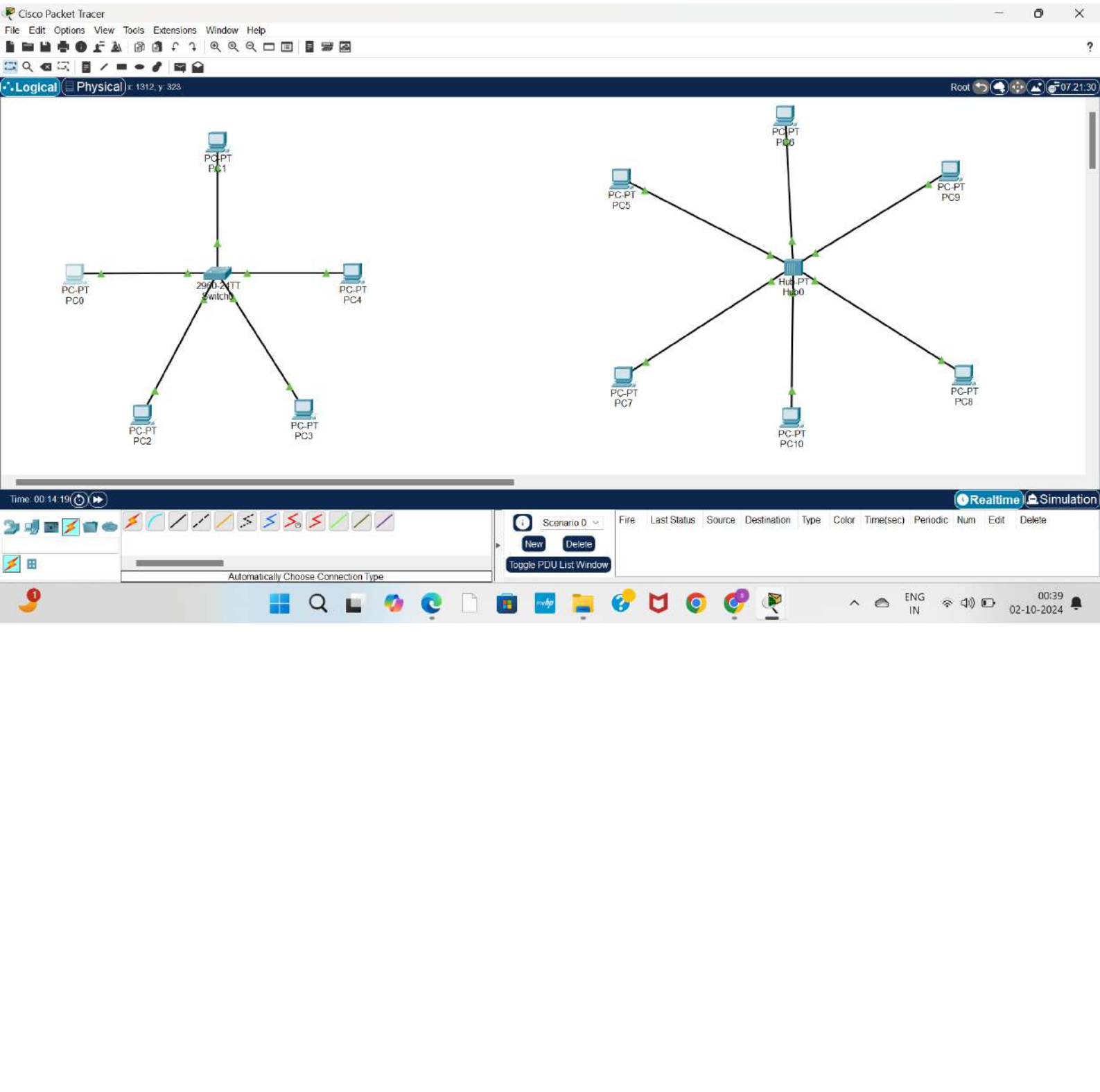
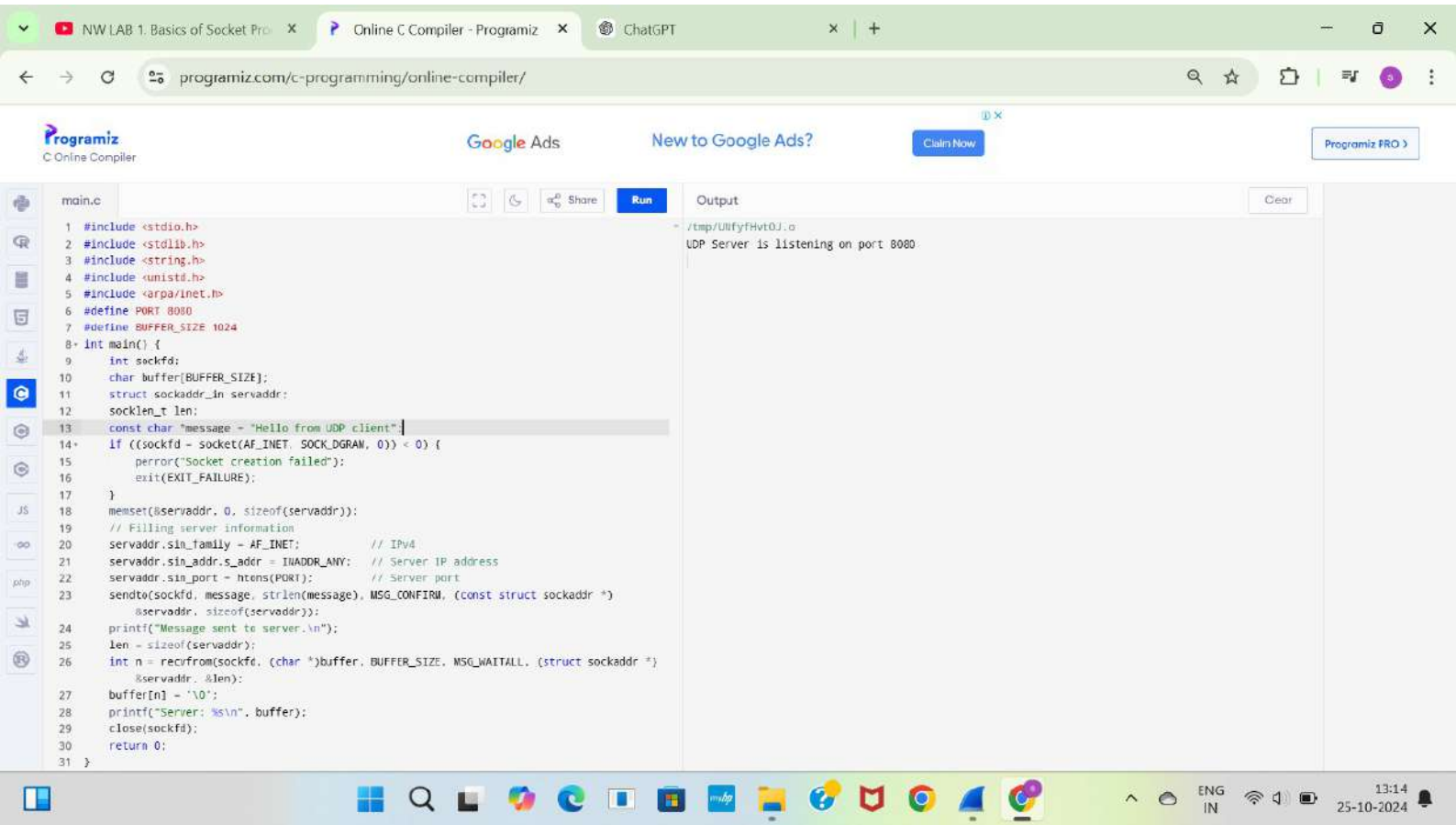

Cisco Packet Tracer - C:\Users\syeds\Cisco Packet Tracer 8.2.2\saves\23 exp.pkt
File Edit Options View Tools Extensions Window Help
Logical Physical x: 826, y: 831
Root 00:11:30
Fan
IoT1
WRT300N
Wireless-Router0
Light
IoT0
Server-PT
Server0
TabletPC-PT
Tablet PC0
Time: 00:00:23
Realtime Simulation
Scenario 0
New
Delete
Toggle PDU List Window
Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete
(Select a Device to Drag and Drop to the Workspace)
Search
ENG
IN
12:06
21-10-2024


Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical Physical x: 1312, y: 328
Root 07:21:30
PC-PT PC1
PC-PT PC0
2960-24TT Switch0
PC-PT PC4
PC-PT PC2
PC-PT PC3
PC-PT PC6
PC-PT PC5
PC-PT PC9
Hub-PT Hub0
PC-PT PC7
PC-PT PC8
PC-PT PC10
Time: 00:14:19
Realtime Simulation
Scenario 0
New Delete
Toggle PDU List Window
Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete
Automatically Choose Connection Type
ENG IN
00:39
02-10-2024


NW LAB 1. Basics of Socket Pro
Online C Compiler - Programiz
ChatGPT
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Programiz
C Online Compiler
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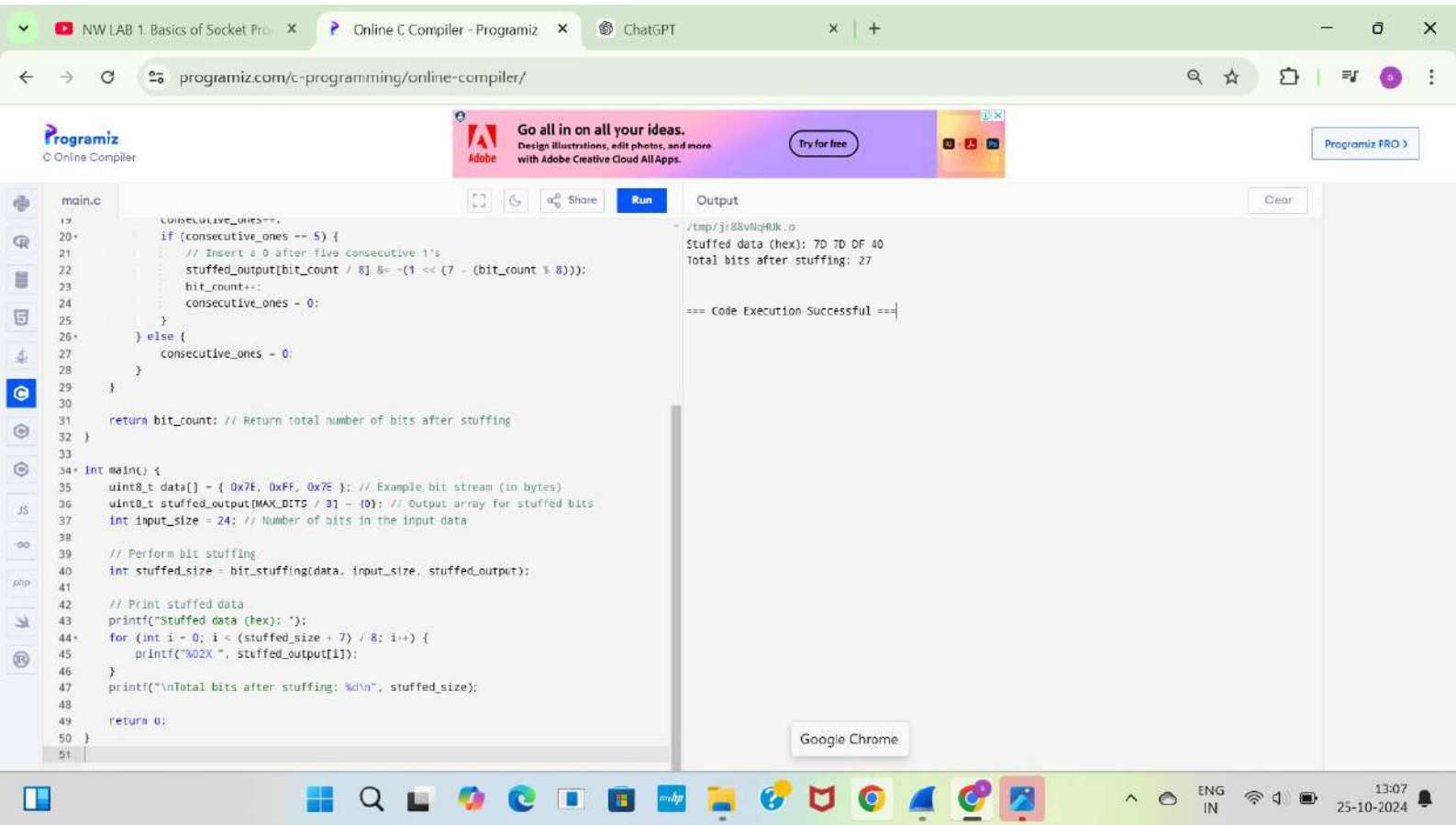
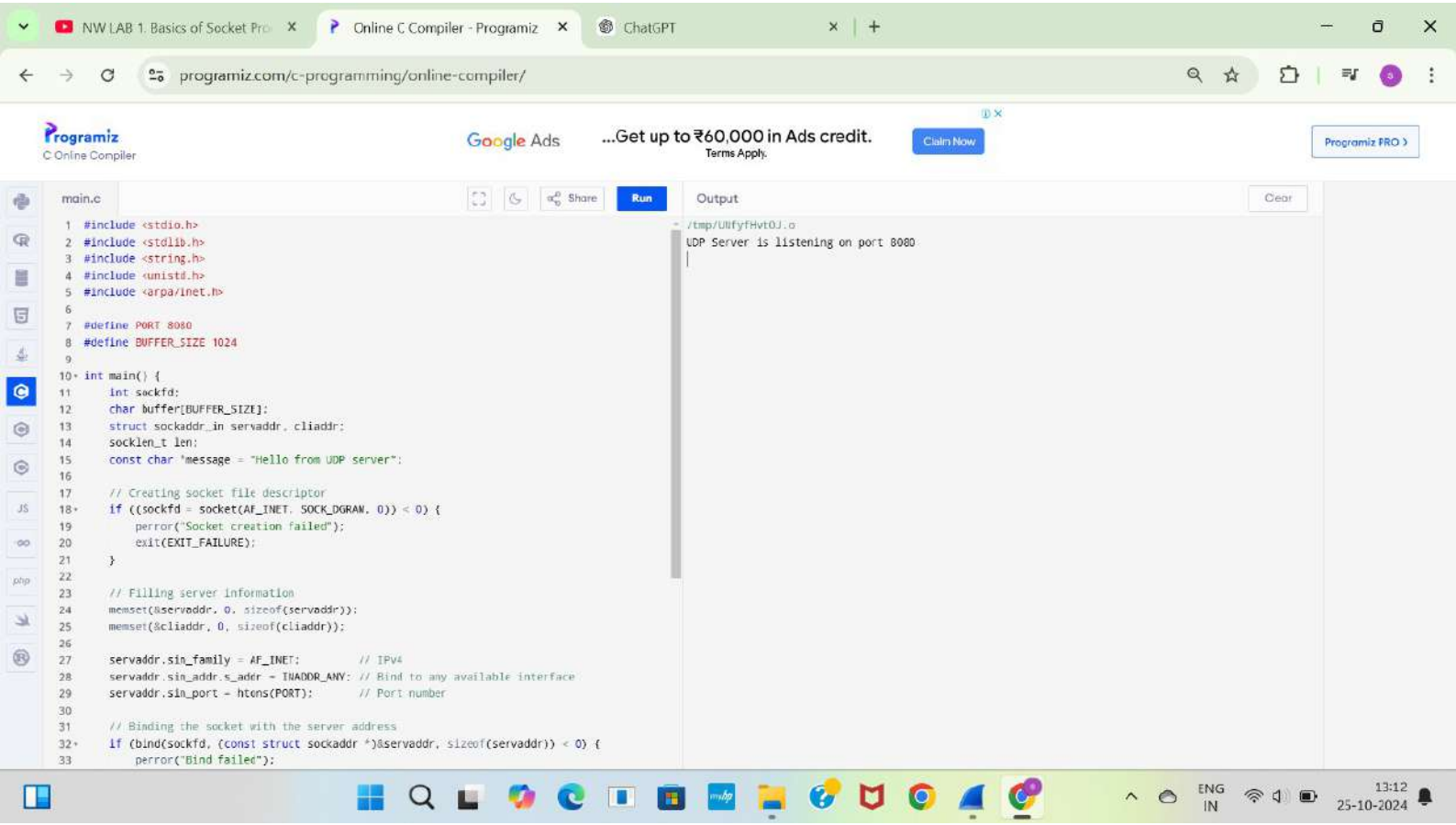
New to Google Ads?
Claim Now
Programiz PRO
main.c
Share
Run
Output
Clear
/tmp/UUfyfHvtOJ.o
UDP Server is listening on port 8080
#include <stdio.h>
#include <stdlib.h>
#include <string.h>
#include <unistd.h>
#include <arpa/inet.h>
#define PORT 8080
#define BUFFER_SIZE 1024
int main() {
int sockfd;
char buffer[BUFFER_SIZE];
struct sockaddr_in servaddr;
socklen_t len;
const char *message = "Hello from UDP client";
if ((sockfd = socket(AF_INET, SOCK_DGRAM, 0)) < 0) {
perror("Socket creation failed");
exit(EXIT_FAILURE);
}
memset(&servaddr, 0, sizeof(servaddr));
// Filling server information
servaddr.sin_family = AF_INET; // IPv4
servaddr.sin_addr.s_addr = INADDR_ANY; // Server IP address
servaddr.sin_port = htons(PORT); // Server port
sendto(sockfd, message, strlen(message), MSG_CONFIRM, (const struct sockaddr *)
&servaddr, sizeof(servaddr));
printf("Message sent to server.\n");
len = sizeof(servaddr);
int n = recvfrom(sockfd, (char *)buffer, BUFFER_SIZE, MSG_WAITALL, (struct sockaddr *)
&servaddr, &len);
buffer[n] = '\0';
printf("Server: %s\n", buffer);
close(sockfd);
return 0;
}
ENG
IN
13:14
25-10-2024




```c
            consecutive_ones++;
            if (consecutive_ones == 5) {
                // Insert a 0 after five consecutive 1's
                stuffed_output[bit_count / 8] &= ~(1 << (7 - (bit_count % 8)));
                bit_count++;
                consecutive_ones = 0;
            }
        } else {
            consecutive_ones = 0;
        }
    }

    return bit_count; // Return total number of bits after stuffing
}

int main() {
    uint8_t data[] = { 0x7E, 0xFF, 0x7E }; // Example bit stream (in bytes)
    uint8_t stuffed_output[MAX_BITS / 8] = {0}; // Output array for stuffed bits
    int input_size = 24; // Number of bits in the input data

    // Perform bit stuffing
    int stuffed_size = bit_stuffing(data, input_size, stuffed_output);

    // Print stuffed data
    printf("Stuffed data (hex): ");
    for (int i = 0; i < (stuffed_size + 7) / 8; i++) {
        printf("%02X ", stuffed_output[i]);
    }
    printf("\nTotal bits after stuffing: %d\n", stuffed_size);

    return 0;
}
```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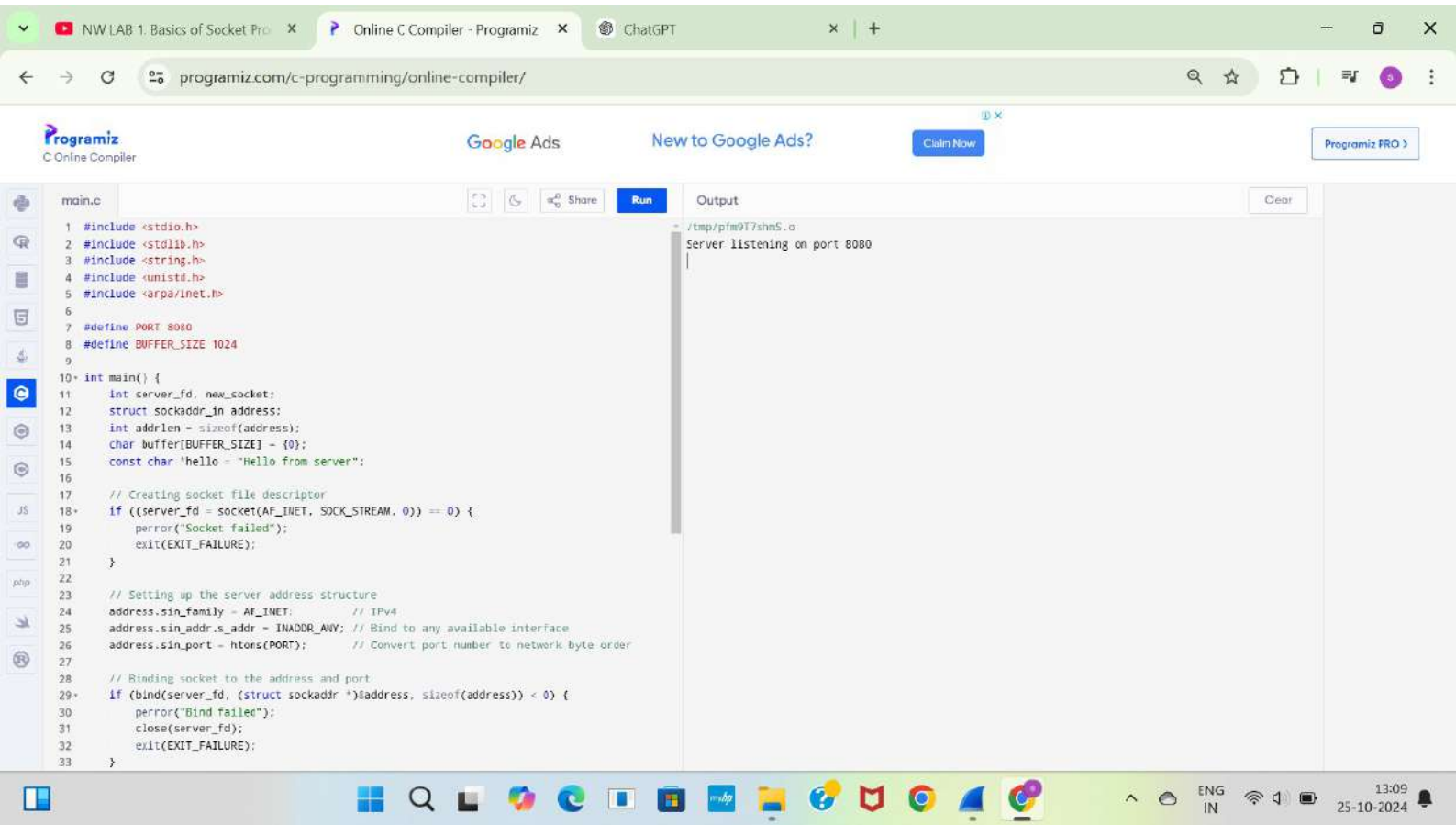
Programiz
C Online Compiler
Google Ads
...Get up to ₹60,000 in Ads credit.
Terms Apply.
Claim Now
Programiz PRO
main.c
Share
Run
Output
Clear
#include <stdio.h>
#include <stdlib.h>
#include <string.h>
#include <unistd.h>
#include <arpa/inet.h>
#define PORT 8080
#define BUFFER_SIZE 1024
int main() {
int sockfd;
char buffer[BUFFER_SIZE];
struct sockaddr_in servaddr, cliaddr;
socklen_t len;
const char *message = "Hello from UDP server";
// Creating socket file descriptor
if ((sockfd = socket(AF_INET, SOCK_DGRAM, 0)) < 0) {
perror("Socket creation failed");
exit(EXIT_FAILURE);
}
// Filling server information
memset(&servaddr, 0, sizeof(servaddr));
memset(&cliaddr, 0, sizeof(cliaddr));
servaddr.sin_family = AF_INET; // IPv4
servaddr.sin_addr.s_addr = INADDR_ANY; // Bind to any available interface
servaddr.sin_port = htons(PORT); // Port number
// Binding the socket with the server address
if (bind(sockfd, (const struct sockaddr *)&servaddr, sizeof(servaddr)) < 0) {
perror("Bind failed");
/tmp/UUfyfHvtOJ.o
UDP Server is listening on port 8080
ENG
IN
13:12
25-10-2024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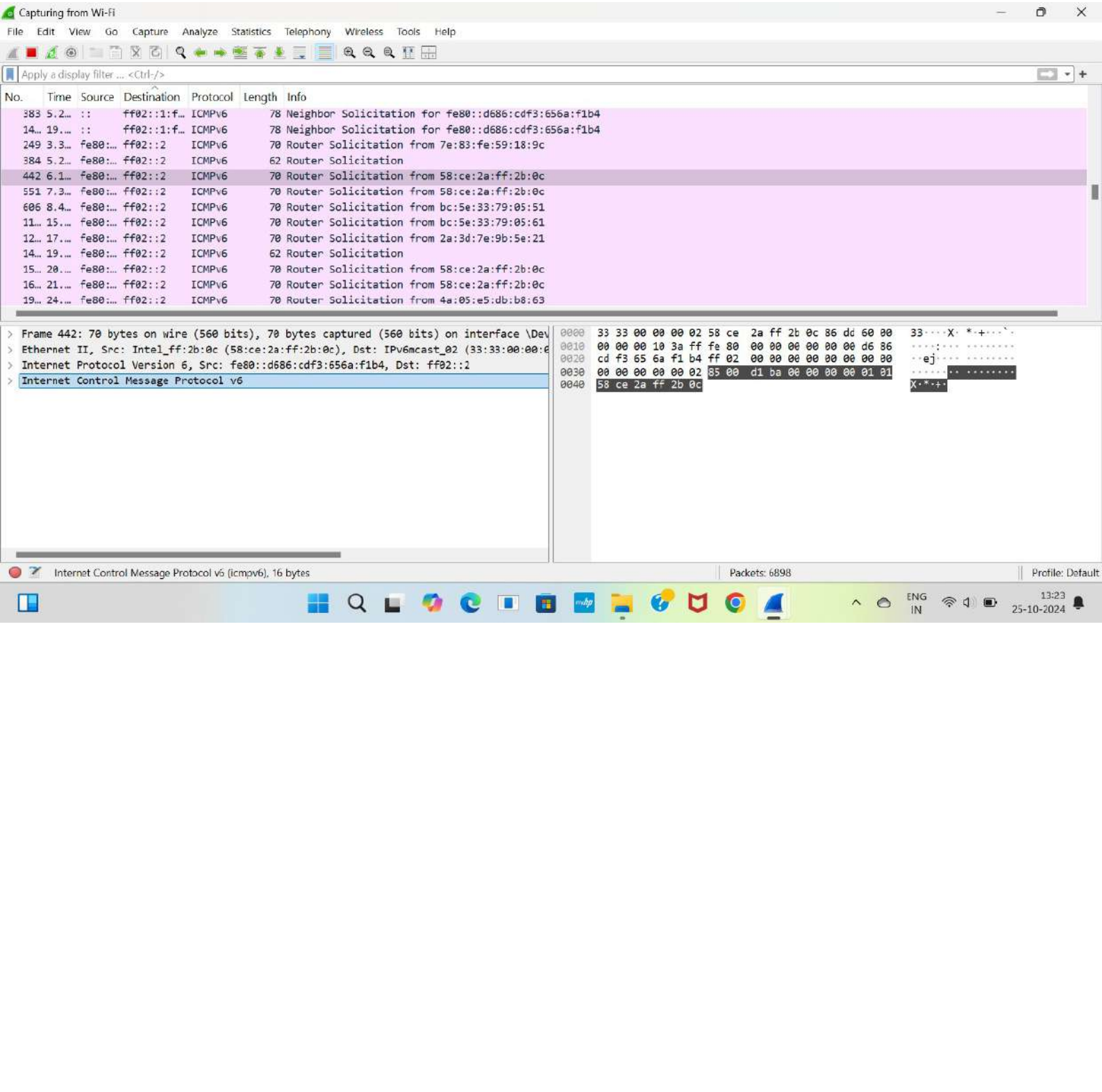
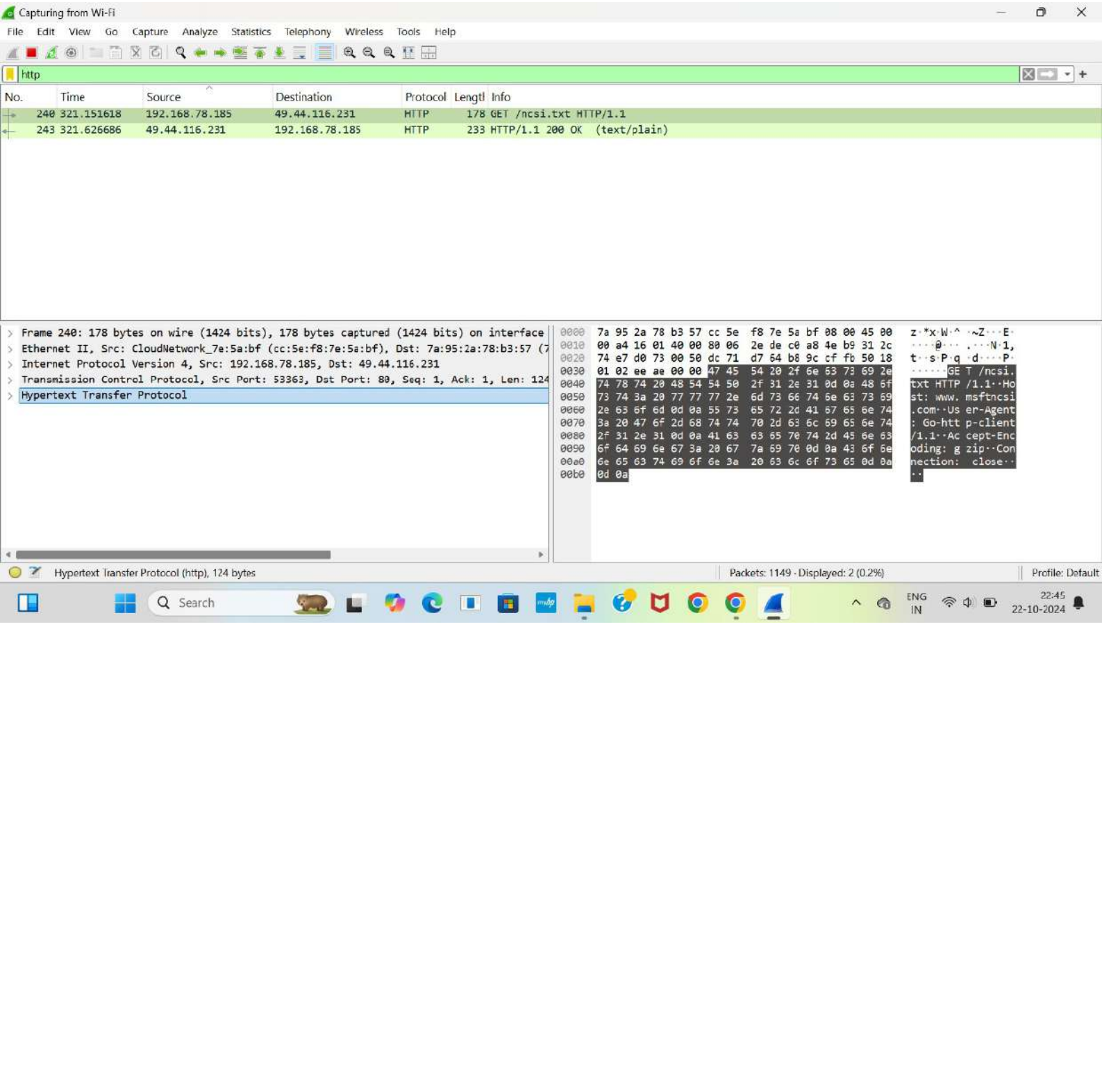
Programiz
C Online Compiler
Google Ads
New to Google Ads?
Claim Now
Programiz PRO
main.c
Share
Run
Output
Clear
/tmp/pfm9T7shmS.o
Server listening on port 8080
#include <stdio.h>
#include <stdlib.h>
#include <string.h>
#include <unistd.h>
#include <arpa/inet.h>
#define PORT 8080
#define BUFFER_SIZE 1024
int main() {
int server_fd, new_socket;
struct sockaddr_in address;
int addrlen = sizeof(address);
char buffer[BUFFER_SIZE] = {0};
const char *hello = "Hello from server";
// Creating socket file descriptor
if ((server_fd = socket(AF_INET, SOCK_STREAM, 0)) == 0) {
perror("Socket failed");
exit(EXIT_FAILURE);
}
// Setting up the server address structure
address.sin_family = AF_INET; // IPv4
address.sin_addr.s_addr = INADDR_ANY; // Bind to any available interface
address.sin_port = htons(PORT); // Convert port number to network byte order
// Binding socket to the address and port
if (bind(server_fd, (struct sockaddr *)&address, sizeof(address)) < 0) {
perror("Bind failed");
close(server_fd);
exit(EXIT_FAILURE);
}
ENG
IN
13:09
25-10-2024


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
383 5.2... :: ff02::1:f... ICMPv6 78 Neighbor Solicitation for fe80::d686:cdf3:656a:f1b4
14... 19.... :: ff02::1:f... ICMPv6 78 Neighbor Solicitation for fe80::d686:cdf3:656a:f1b4
249 3.3... fe80:... ff02::2 ICMPv6 70 Router Solicitation from 7e:83:fe:59:18:9c
384 5.2... fe80:... ff02::2 ICMPv6 62 Router Solicitation
442 6.1... fe80:... ff02::2 ICMPv6 70 Router Solicitation from 58:ce:2a:ff:2b:0c
551 7.3... fe80:... ff02::2 ICMPv6 70 Router Solicitation from 58:ce:2a:ff:2b:0c
606 8.4... fe80:... ff02::2 ICMPv6 70 Router Solicitation from bc:5e:33:79:05:51
11... 15.... fe80:... ff02::2 ICMPv6 70 Router Solicitation from bc:5e:33:79:05:61
12... 17.... fe80:... ff02::2 ICMPv6 70 Router Solicitation from 2a:3d:7e:9b:5e:21
14... 19.... fe80:... ff02::2 ICMPv6 62 Router Solicitation
15... 20.... fe80:... ff02::2 ICMPv6 70 Router Solicitation from 58:ce:2a:ff:2b:0c
16... 21.... fe80:... ff02::2 ICMPv6 70 Router Solicitation from 58:ce:2a:ff:2b:0c
19... 24.... fe80:... ff02::2 ICMPv6 70 Router Solicitation from 4a:05:e5:db:b8:63
Frame 442: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface \Dev
Ethernet II, Src: Intel_ff:2b:0c (58:ce:2a:ff:2b:0c), Dst: IPv6mcast_02 (33:33:00:00:0
Internet Protocol Version 6, Src: fe80::d686:cdf3:656a:f1b4, Dst: ff02::2
Internet Control Message Protocol v6
0000 33 33 00 00 00 02 58 ce 2a ff 2b 0c 86 dd 60 00
0010 00 00 00 10 3a ff fe 80 00 00 00 00 00 00 d6 86
0020 cd f3 65 6a f1 b4 ff 02 00 00 00 00 00 00 00 02
0030 00 00 00 00 00 02 85 00 d1 ba 00 00 00 00 01 01
0040 58 ce 2a ff 2b 0c
Internet Control Message Protocol v6 (icmpv6), 16 bytes
Packets: 6898
Profile: Default
ENG IN
13:23
25-10-2024


Capturing from Wi-Fi
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
http
No. Time Source Destination Protocol Lengtl Info
240 321.151618 192.168.78.185 49.44.116.231 HTTP 178 GET /ncsi.txt HTTP/1.1
243 321.626686 49.44.116.231 192.168.78.185 HTTP 233 HTTP/1.1 200 OK (text/plain)
Frame 240: 178 bytes on wire (1424 bits), 178 bytes captured (1424 bits) on interface
Ethernet II, Src: CloudNetwork_7e:5a:bf (cc:5e:f8:7e:5a:bf), Dst: 7a:95:2a:78:b3:57 (7
Internet Protocol Version 4, Src: 192.168.78.185, Dst: 49.44.116.231
Transmission Control Protocol, Src Port: 53363, Dst Port: 80, Seq: 1, Ack: 1, Len: 124
Hypertext Transfer Protocol
0000 7a 95 2a 78 b3 57 cc 5e f8 7e 5a bf 08 00 45 00 z·*x·W·^ ·~Z···E·
0010 00 a4 16 01 40 00 80 06 2e de c0 a8 4e b9 31 2c ····@··· .···N·1,
0020 74 e7 d0 73 00 50 dc 71 d7 64 b8 9c cf fb 50 18 t··s·P·q ·d····P·
0030 01 02 ee ae 00 00 47 45 54 20 2f 6e 63 73 69 2e ·····GE T /ncsi.
0040 74 78 74 20 48 54 54 50 2f 31 2e 31 0d 0a 48 6f txt HTTP /1.1··Ho
0050 73 74 3a 20 77 77 77 2e 6d 73 66 74 6e 63 73 69 st: www. msftncsi
0060 2e 63 6f 6d 0d 0a 55 73 65 72 2d 41 67 65 6e 74 .com··Us er-Agent
0070 3a 20 47 6f 2d 68 74 74 70 2d 63 6c 69 65 6e 74 : Go-htt p-client
0080 2f 31 2e 31 0d 0a 41 63 63 65 70 74 2d 45 6e 63 /1.1··Ac cept-Enc
0090 6f 64 69 6e 67 3a 20 67 7a 69 70 0d 0a 43 6f 6e oding: g zip··Con
00a0 6e 65 63 74 69 6f 6e 3a 20 63 6c 6f 73 65 0d 0a nection: close··
00b0 0d 0a ··
Hypertext Transfer Protocol (http), 124 bytes
Packets: 1149 · Displayed: 2 (0.2%)
Profile: Default
Search
ENG IN
22:45 22-10-2024

NW LAB 1. Basics of Socket Pro | Online C Compiler - Programiz | ChatGPT

programiz.com/c-programming/online-compiler/

Programiz
C Online Compiler

Programiz PRO

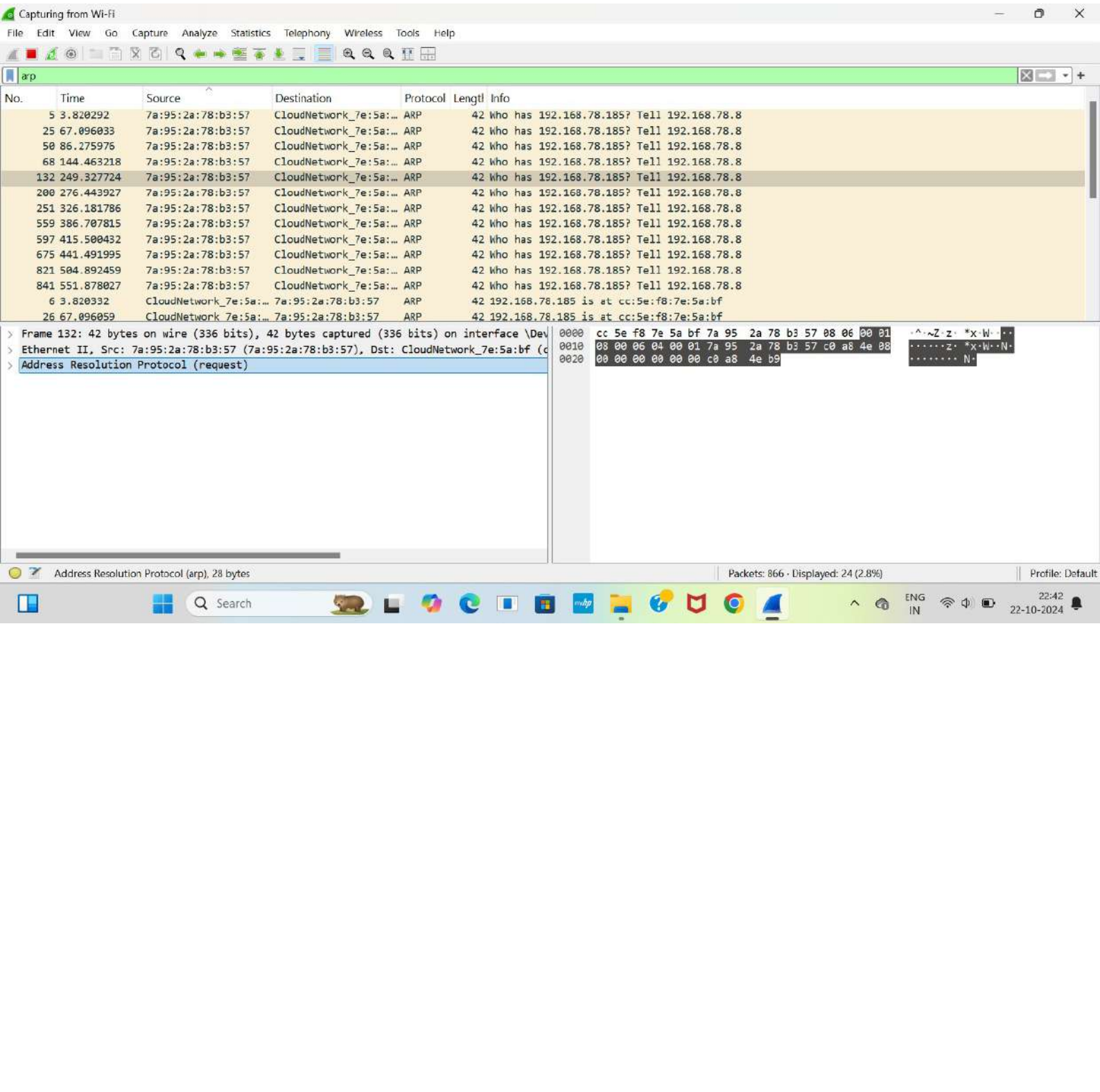
main.c

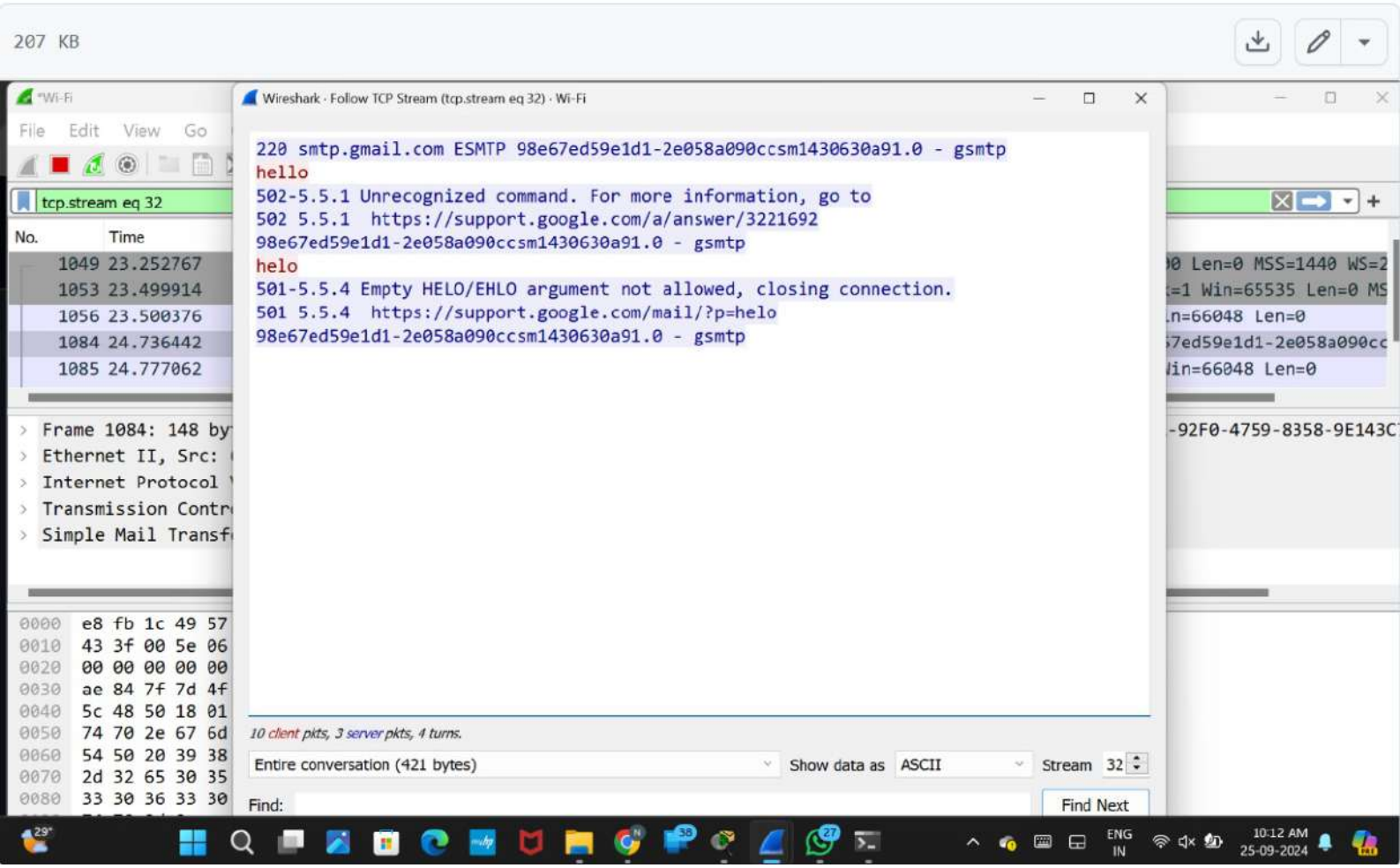
Share | Run | Output | Clear

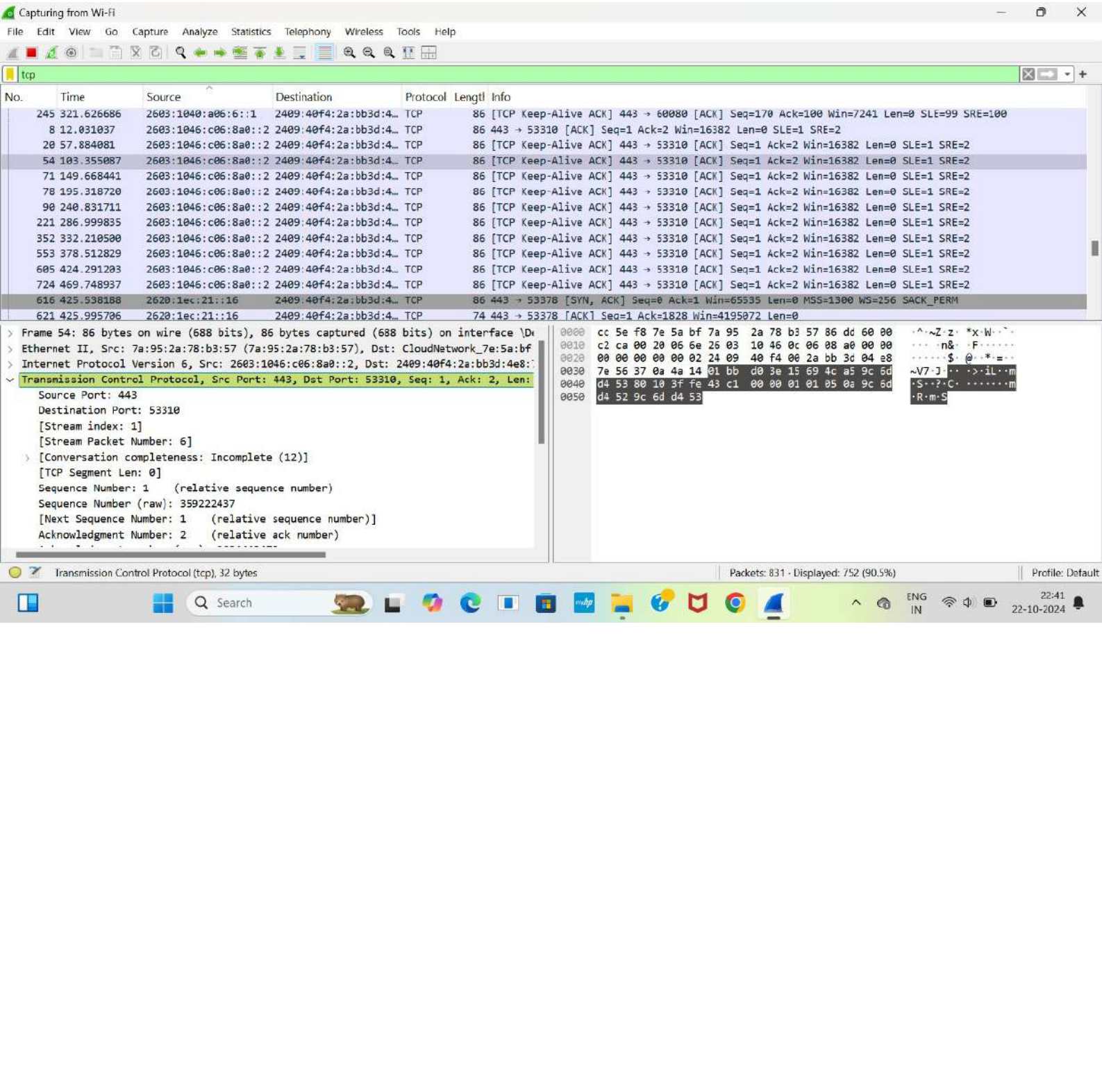
```c
#include <stdio.h>
#include <stdint.h>

unsigned short checksum(unsigned short *buf, int nwords) {
    unsigned long sum = 0;

    for(int i = 0; i < nwords; i++) {
        sum += *buf++;
    }

    // Fold 32-bit sum to 16 bits
    while (sum >> 16) {
        sum = (sum & 0xFFFF) + (sum >> 16);
    }

    return (unsigned short)(~sum);
}

int main() {
    // Example data (e.g., IP header or TCP/UDP packet)
    unsigned short data[] = {0x4500, 0x003c, 0x1c46, 0x4000, 0x4006, 0xb1e6, 0xc0a8, 0x0001,
        0xc0a8, 0x00c7};
    int nwords = sizeof(data) / 2;

    unsigned short result = checksum(data, nwords);
    printf("Checksum: 0x%04x\n", result);

    return 0;
}
```

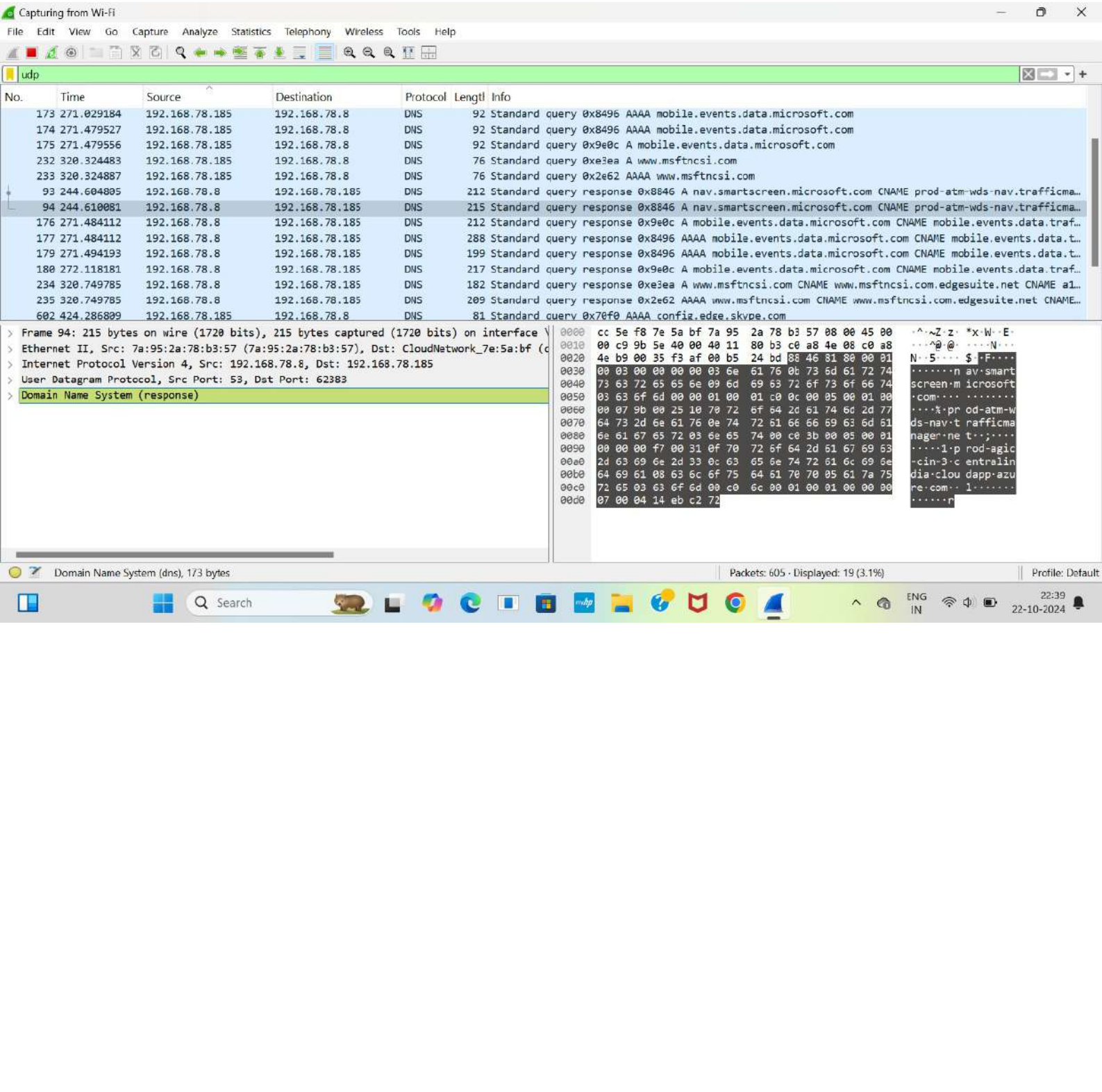
```
/tmp/TwI6OCMHfL.o
Checksum: 0xea76


--- Code Execution Successful ---
```

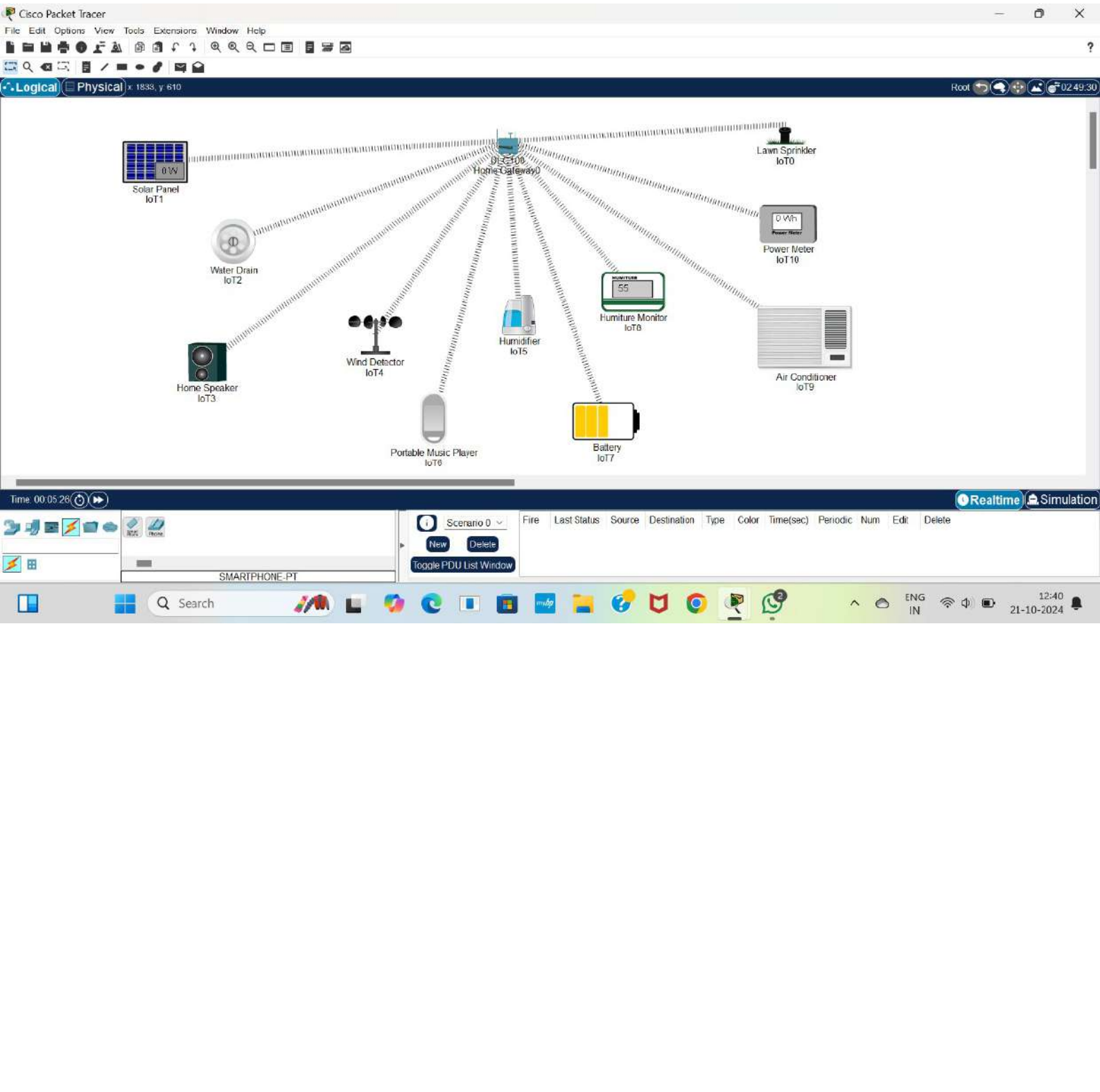
ENG IN 13:05 25-10-2024

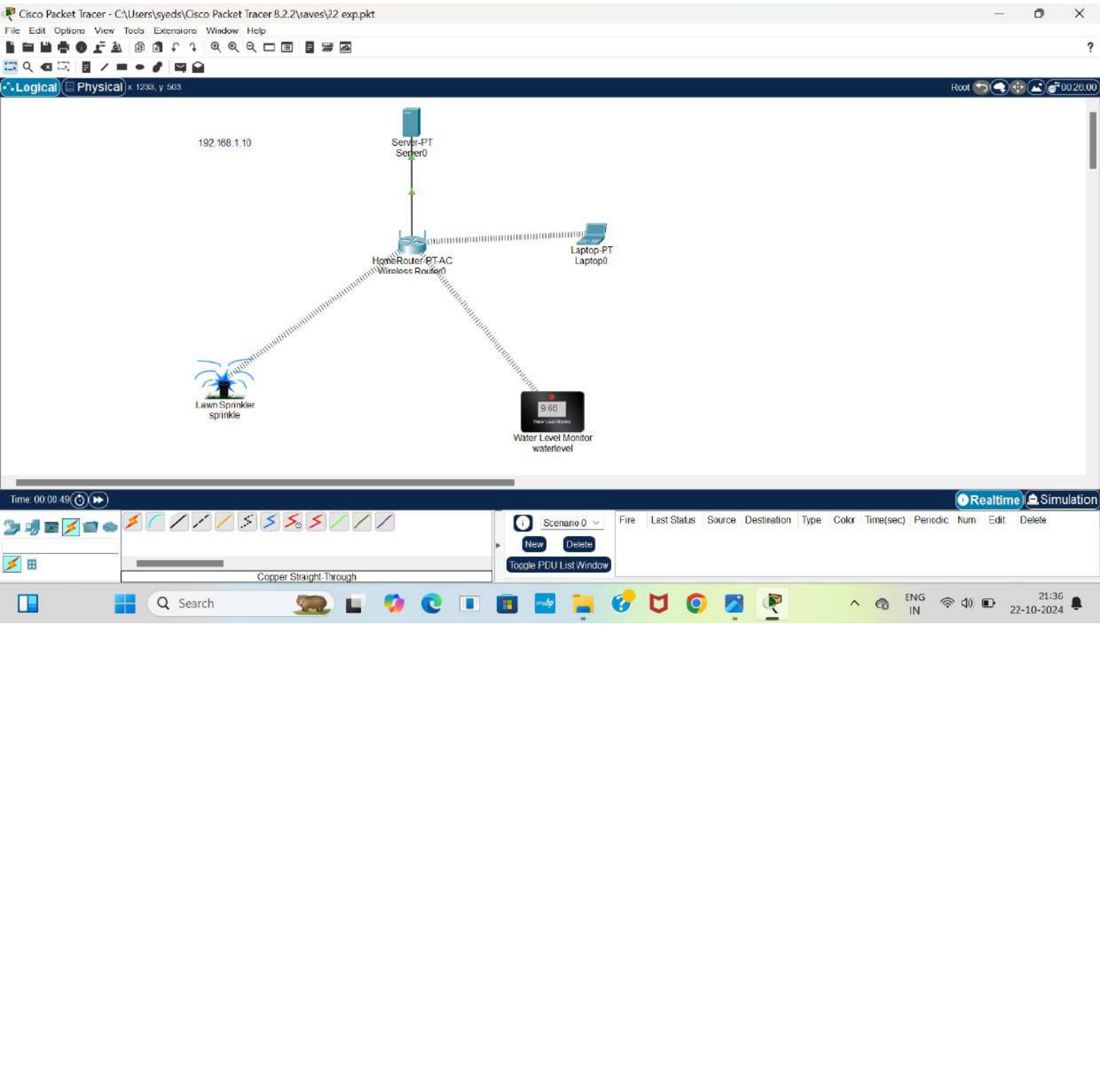

Capturing from Wi-Fi
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
arp
No. Time Source Destination Protocol Lengtl Info
5 3.820292 7a:95:2a:78:b3:57 CloudNetwork_7e:5a:… ARP 42 Who has 192.168.78.185? Tell 192.168.78.8
25 67.096033 7a:95:2a:78:b3:57 CloudNetwork_7e:5a:… ARP 42 Who has 192.168.78.185? Tell 192.168.78.8
50 86.275976 7a:95:2a:78:b3:57 CloudNetwork_7e:5a:… ARP 42 Who has 192.168.78.185? Tell 192.168.78.8
68 144.463218 7a:95:2a:78:b3:57 CloudNetwork_7e:5a:… ARP 42 Who has 192.168.78.185? Tell 192.168.78.8
132 249.327724 7a:95:2a:78:b3:57 CloudNetwork_7e:5a:… ARP 42 Who has 192.168.78.185? Tell 192.168.78.8
200 276.443927 7a:95:2a:78:b3:57 CloudNetwork_7e:5a:… ARP 42 Who has 192.168.78.185? Tell 192.168.78.8
251 326.181786 7a:95:2a:78:b3:57 CloudNetwork_7e:5a:… ARP 42 Who has 192.168.78.185? Tell 192.168.78.8
559 386.707815 7a:95:2a:78:b3:57 CloudNetwork_7e:5a:… ARP 42 Who has 192.168.78.185? Tell 192.168.78.8
597 415.500432 7a:95:2a:78:b3:57 CloudNetwork_7e:5a:… ARP 42 Who has 192.168.78.185? Tell 192.168.78.8
675 441.491995 7a:95:2a:78:b3:57 CloudNetwork_7e:5a:… ARP 42 Who has 192.168.78.185? Tell 192.168.78.8
821 504.892459 7a:95:2a:78:b3:57 CloudNetwork_7e:5a:… ARP 42 Who has 192.168.78.185? Tell 192.168.78.8
841 551.878027 7a:95:2a:78:b3:57 CloudNetwork_7e:5a:… ARP 42 Who has 192.168.78.185? Tell 192.168.78.8
6 3.820332 CloudNetwork_7e:5a:… 7a:95:2a:78:b3:57 ARP 42 192.168.78.185 is at cc:5e:f8:7e:5a:bf
26 67.096059 CloudNetwork_7e:5a:… 7a:95:2a:78:b3:57 ARP 42 192.168.78.185 is at cc:5e:f8:7e:5a:bf
Frame 132: 42 bytes on wire (336 bits), 42 bytes captured (336 bits) on interface \Dev
Ethernet II, Src: 7a:95:2a:78:b3:57 (7a:95:2a:78:b3:57), Dst: CloudNetwork_7e:5a:bf (c
Address Resolution Protocol (request)
0000 cc 5e f8 7e 5a bf 7a 95 2a 78 b3 57 08 06 00 01
0010 08 00 06 04 00 01 7a 95 2a 78 b3 57 c0 a8 4e 08
0020 00 00 00 00 00 00 c0 a8 4e b9
Address Resolution Protocol (arp), 28 bytes
Packets: 866 · Displayed: 24 (2.8%)
Profile: Default
Search
ENG
IN
22:42
22-10-2024

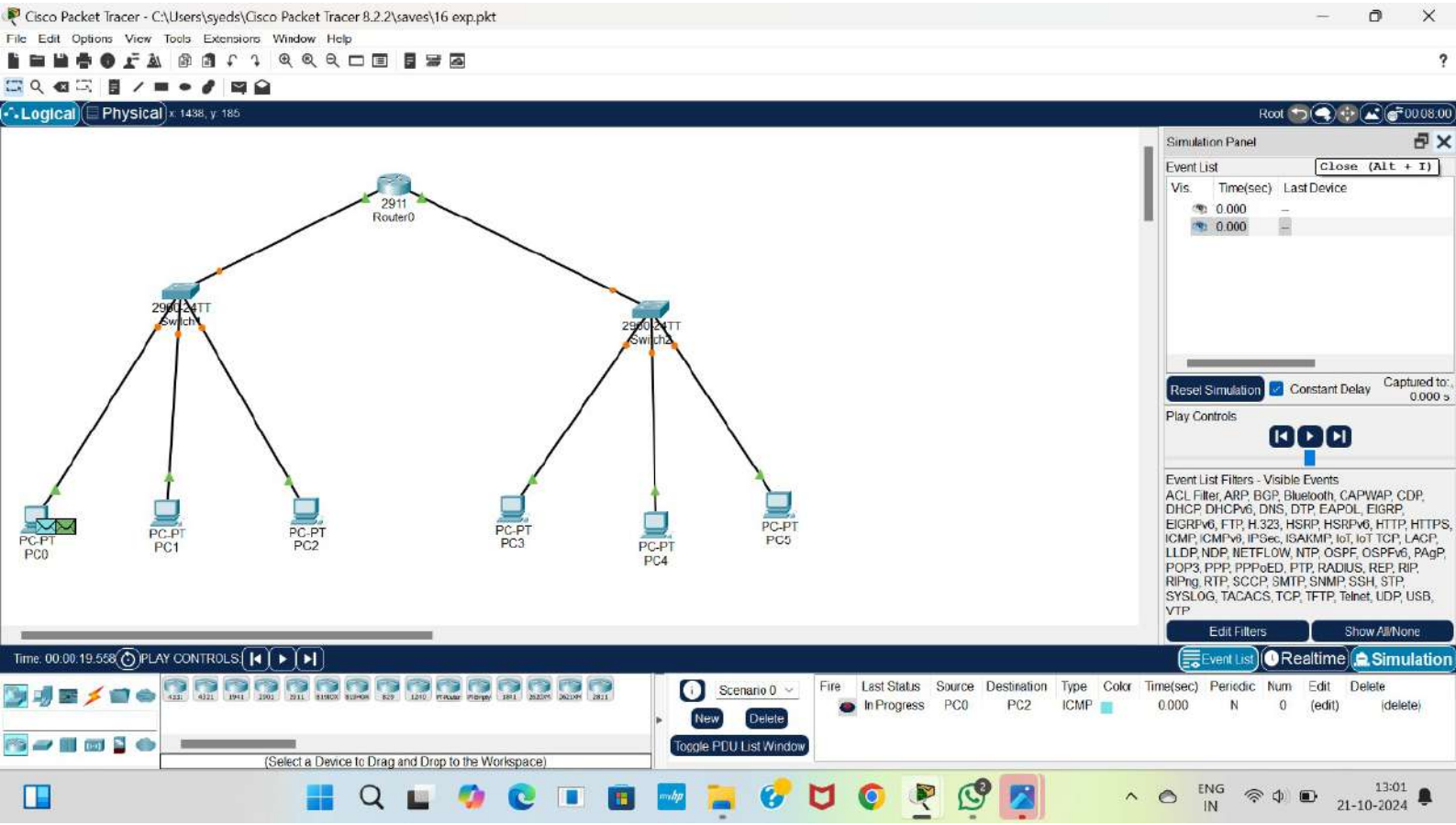

207 KB
*Wi-Fi
File Edit View Go
tcp.stream eq 32
No. Time
1049 23.252767
1053 23.499914
1056 23.500376
1084 24.736442
1085 24.777062
Frame 1084: 148 by
Ethernet II, Src:
Internet Protocol
Transmission Contr
Simple Mail Transf
0000 e8 fb 1c 49 57
0010 43 3f 00 5e 06
0020 00 00 00 00 00
0030 ae 84 7f 7d 4f
0040 5c 48 50 18 01
0050 74 70 2e 67 6d
0060 54 50 20 39 38
0070 2d 32 65 30 35
0080 33 30 36 33 30
Wireshark · Follow TCP Stream (tcp.stream eq 32) · Wi-Fi
220 smtp.gmail.com ESMTP 98e67ed59e1d1-2e058a090ccsm1430630a91.0 - gsmtp
hello
502-5.5.1 Unrecognized command. For more information, go to
502 5.5.1 https://support.google.com/a/answer/3221692
98e67ed59e1d1-2e058a090ccsm1430630a91.0 - gsmtp
helo
501-5.5.4 Empty HELO/EHLO argument not allowed, closing connection.
501 5.5.4 https://support.google.com/mail/?p=helo
98e67ed59e1d1-2e058a090ccsm1430630a91.0 - gsmtp
10 client pkts, 3 server pkts, 4 turns.
Entire conversation (421 bytes)
Show data as ASCII
Stream 32
Find:
Find Next
ENG
IN
10:12 AM
25-09-2024

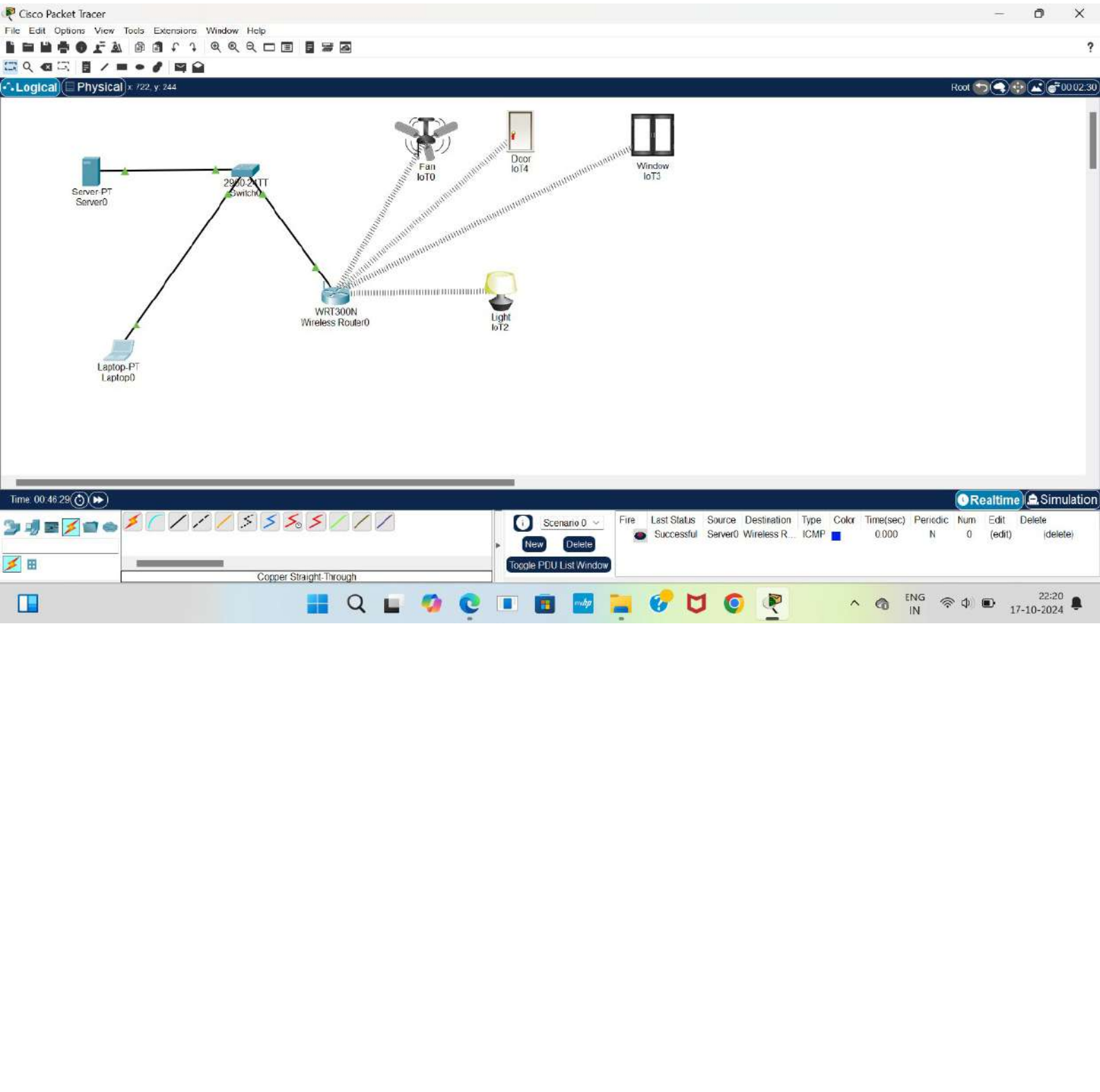

Capturing from Wi-Fi
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
tcp
No. Time Source Destination Protocol Lengtl Info
245 321.626686 2603:1040:a06:6::1 2409:40f4:2a:bb3d:4… TCP 86 [TCP Keep-Alive ACK] 443 → 60080 [ACK] Seq=170 Ack=100 Win=7241 Len=0 SLE=99 SRE=100
8 12.031037 2603:1046:c06:8a0::2 2409:40f4:2a:bb3d:4… TCP 86 443 → 53310 [ACK] Seq=1 Ack=2 Win=16382 Len=0 SLE=1 SRE=2
20 57.884081 2603:1046:c06:8a0::2 2409:40f4:2a:bb3d:4… TCP 86 [TCP Keep-Alive ACK] 443 → 53310 [ACK] Seq=1 Ack=2 Win=16382 Len=0 SLE=1 SRE=2
54 103.355087 2603:1046:c06:8a0::2 2409:40f4:2a:bb3d:4… TCP 86 [TCP Keep-Alive ACK] 443 → 53310 [ACK] Seq=1 Ack=2 Win=16382 Len=0 SLE=1 SRE=2
71 149.668441 2603:1046:c06:8a0::2 2409:40f4:2a:bb3d:4… TCP 86 [TCP Keep-Alive ACK] 443 → 53310 [ACK] Seq=1 Ack=2 Win=16382 Len=0 SLE=1 SRE=2
78 195.318720 2603:1046:c06:8a0::2 2409:40f4:2a:bb3d:4… TCP 86 [TCP Keep-Alive ACK] 443 → 53310 [ACK] Seq=1 Ack=2 Win=16382 Len=0 SLE=1 SRE=2
90 240.831711 2603:1046:c06:8a0::2 2409:40f4:2a:bb3d:4… TCP 86 [TCP Keep-Alive ACK] 443 → 53310 [ACK] Seq=1 Ack=2 Win=16382 Len=0 SLE=1 SRE=2
221 286.999835 2603:1046:c06:8a0::2 2409:40f4:2a:bb3d:4… TCP 86 [TCP Keep-Alive ACK] 443 → 53310 [ACK] Seq=1 Ack=2 Win=16382 Len=0 SLE=1 SRE=2
352 332.210500 2603:1046:c06:8a0::2 2409:40f4:2a:bb3d:4… TCP 86 [TCP Keep-Alive ACK] 443 → 53310 [ACK] Seq=1 Ack=2 Win=16382 Len=0 SLE=1 SRE=2
553 378.512829 2603:1046:c06:8a0::2 2409:40f4:2a:bb3d:4… TCP 86 [TCP Keep-Alive ACK] 443 → 53310 [ACK] Seq=1 Ack=2 Win=16382 Len=0 SLE=1 SRE=2
605 424.291203 2603:1046:c06:8a0::2 2409:40f4:2a:bb3d:4… TCP 86 [TCP Keep-Alive ACK] 443 → 53310 [ACK] Seq=1 Ack=2 Win=16382 Len=0 SLE=1 SRE=2
724 469.748937 2603:1046:c06:8a0::2 2409:40f4:2a:bb3d:4… TCP 86 [TCP Keep-Alive ACK] 443 → 53310 [ACK] Seq=1 Ack=2 Win=16382 Len=0 SLE=1 SRE=2
616 425.538188 2620:1ec:21::16 2409:40f4:2a:bb3d:4… TCP 86 443 → 53378 [SYN, ACK] Seq=0 Ack=1 Win=65535 Len=0 MSS=1300 WS=256 SACK_PERM
621 425.995706 2620:1ec:21::16 2409:40f4:2a:bb3d:4… TCP 74 443 → 53378 [ACK] Seq=1 Ack=1828 Win=4195072 Len=0
Frame 54: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface \D
Ethernet II, Src: 7a:95:2a:78:b3:57 (7a:95:2a:78:b3:57), Dst: CloudNetwork_7e:5a:bf
Internet Protocol Version 6, Src: 2603:1046:c06:8a0::2, Dst: 2409:40f4:2a:bb3d:4e8:
Transmission Control Protocol, Src Port: 443, Dst Port: 53310, Seq: 1, Ack: 2, Len:
Source Port: 443
Destination Port: 53310
[Stream index: 1]
[Stream Packet Number: 6]
[Conversation completeness: Incomplete (12)]
[TCP Segment Len: 0]
Sequence Number: 1 (relative sequence number)
Sequence Number (raw): 359222437
[Next Sequence Number: 1 (relative sequence number)]
Acknowledgment Number: 2 (relative ack number)
0000 cc 5e f8 7e 5a bf 7a 95 2a 78 b3 57 86 dd 60 00
0010 c2 ca 00 20 06 6e 26 03 10 46 0c 06 08 a0 00 00
0020 00 00 00 00 00 02 24 09 40 f4 00 2a bb 3d 04 e8
0030 7e 56 37 0a 4a 14 01 bb d0 3e 15 69 4c a5 9c 6d
0040 d4 53 80 10 3f fe 43 c1 00 00 01 01 05 0a 9c 6d
0050 d4 52 9c 6d d4 53
Transmission Control Protocol (tcp), 32 bytes
Packets: 831 · Displayed: 752 (90.5%)
Profile: Default
Search
ENG
IN
22:41
22-10-2024

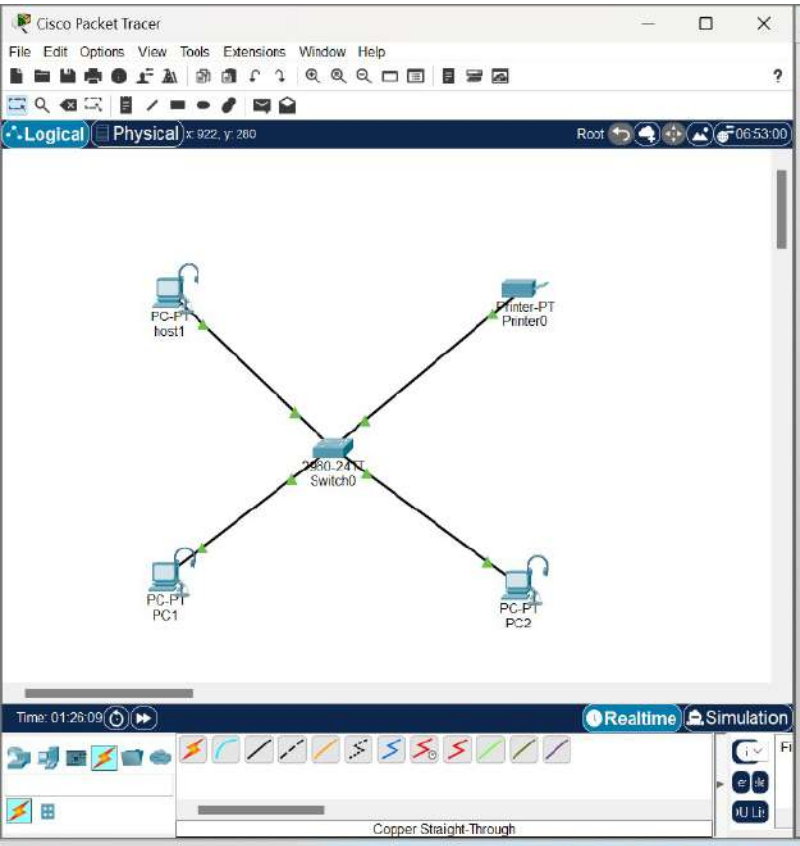

Capturing from Wi-Fi
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
udp
No. Time Source Destination Protocol Lengtl Info
173 271.029184 192.168.78.185 192.168.78.8 DNS 92 Standard query 0x8496 AAAA mobile.events.data.microsoft.com
174 271.479527 192.168.78.185 192.168.78.8 DNS 92 Standard query 0x8496 AAAA mobile.events.data.microsoft.com
175 271.479556 192.168.78.185 192.168.78.8 DNS 92 Standard query 0x9e0c A mobile.events.data.microsoft.com
232 320.324483 192.168.78.185 192.168.78.8 DNS 76 Standard query 0xe3ea A www.msftncsi.com
233 320.324887 192.168.78.185 192.168.78.8 DNS 76 Standard query 0x2e62 AAAA www.msftncsi.com
93 244.604805 192.168.78.8 192.168.78.185 DNS 212 Standard query response 0x8846 A nav.smartscreen.microsoft.com CNAME prod-atm-wds-nav.trafficma…
94 244.610081 192.168.78.8 192.168.78.185 DNS 215 Standard query response 0x8846 A nav.smartscreen.microsoft.com CNAME prod-atm-wds-nav.trafficma…
176 271.484112 192.168.78.8 192.168.78.185 DNS 212 Standard query response 0x9e0c A mobile.events.data.microsoft.com CNAME mobile.events.data.traf…
177 271.484112 192.168.78.8 192.168.78.185 DNS 288 Standard query response 0x8496 AAAA mobile.events.data.microsoft.com CNAME mobile.events.data.t…
179 271.494193 192.168.78.8 192.168.78.185 DNS 199 Standard query response 0x8496 AAAA mobile.events.data.microsoft.com CNAME mobile.events.data.t…
180 272.118181 192.168.78.8 192.168.78.185 DNS 217 Standard query response 0x9e0c A mobile.events.data.microsoft.com CNAME mobile.events.data.traf…
234 320.749785 192.168.78.8 192.168.78.185 DNS 182 Standard query response 0xe3ea A www.msftncsi.com CNAME www.msftncsi.com.edgesuite.net CNAME a1…
235 320.749785 192.168.78.8 192.168.78.185 DNS 209 Standard query response 0x2e62 AAAA www.msftncsi.com CNAME www.msftncsi.com.edgesuite.net CNAME…
602 424.286809 192.168.78.185 192.168.78.8 DNS 81 Standard query 0x70f0 AAAA config.edge.skype.com
Frame 94: 215 bytes on wire (1720 bits), 215 bytes captured (1720 bits) on interface \
Ethernet II, Src: 7a:95:2a:78:b3:57 (7a:95:2a:78:b3:57), Dst: CloudNetwork_7e:5a:bf (c
Internet Protocol Version 4, Src: 192.168.78.8, Dst: 192.168.78.185
User Datagram Protocol, Src Port: 53, Dst Port: 62383
Domain Name System (response)
0000 cc 5e f8 7e 5a bf 7a 95 2a 78 b3 57 08 00 45 00
0010 00 c9 9b 5e 40 00 40 11 80 b3 c0 a8 4e 08 c0 a8
0020 4e b9 00 35 f3 af 00 b5 24 bd 88 46 81 80 00 01
0030 00 03 00 00 00 00 03 6e 61 76 0b 73 6d 61 72 74
0040 73 63 72 65 65 6e 09 6d 69 63 72 6f 73 6f 66 74
0050 03 63 6f 6d 00 00 01 00 01 c0 0c 00 05 00 01 00
0060 00 07 9b 00 25 10 70 72 6f 64 2d 61 74 6d 2d 77
0070 64 73 2d 6e 61 76 0e 74 72 61 66 66 69 63 6d 61
0080 6e 61 67 65 72 03 6e 65 74 00 c0 3b 00 05 00 01
0090 00 00 00 f7 00 31 0f 70 72 6f 64 2d 61 67 69 63
00a0 2d 63 69 6e 2d 33 0c 63 65 6e 74 72 61 6c 69 6e
00b0 64 69 61 08 63 6c 6f 75 64 61 70 70 05 61 7a 75
00c0 72 65 03 63 6f 6d 00 c0 6c 00 01 00 01 00 00 00
00d0 07 00 04 14 eb c2 72
Domain Name System (dns), 173 bytes
Packets: 605 · Displayed: 19 (3.1%)
Profile: Default
Search
ENG IN
22:39 22-10-2024

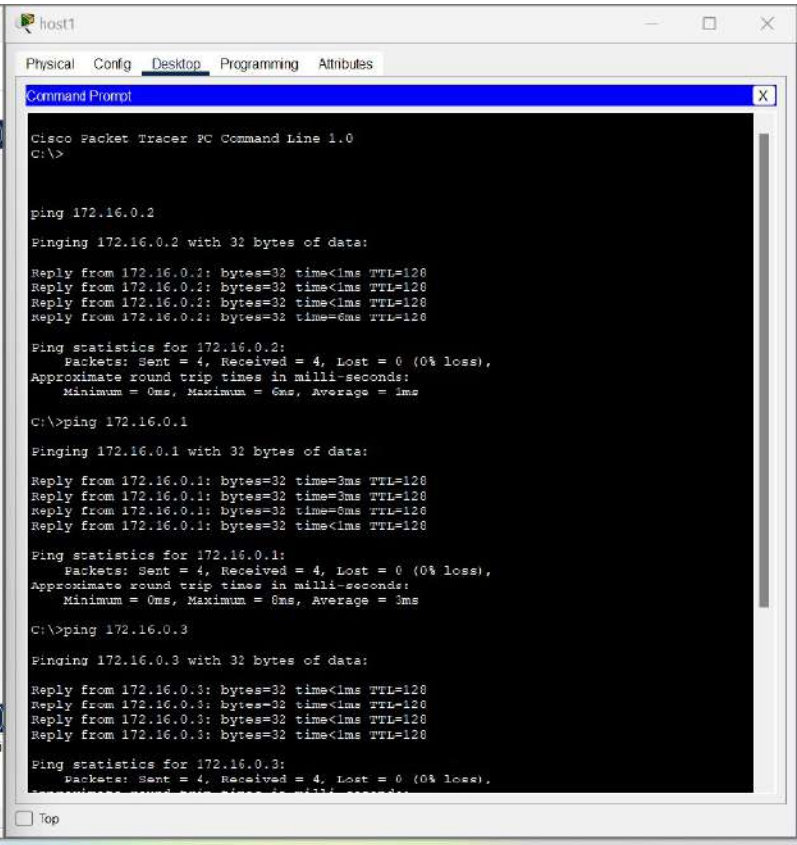

Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical Physical x: 1833, y: 610
Root 02:49:30
Solar Panel
IoT1
0 W
PT-CT06
Home Gateway0
Lawn Sprinkler
IoT0
Water Drain
IoT2
0 Wh
Power Meter
IoT10
Humiture Monitor
IoT8
55
Humidifier
IoT5
Wind Detector
IoT4
Home Speaker
IoT3
Air Conditioner
IoT9
Portable Music Player
IoT6
Battery
IoT7
Time: 00:05:28
Realtime
Simulation
Scenario 0
New
Delete
Toggle PDU List Window
Fire
Last Status
Source
Destination
Type
Color
Time(sec)
Periodic
Num
Edit
Delete
SMARTPHONE-PT
Search
ENG
IN
12:40
21-10-2024


Cisco Packet Tracer - C:\Users\syeds\Cisco Packet Tracer 8.2.2\saves\22 exp.pkt
File Edit Options View Tools Extensions Window Help
Logical
Physical
x: 1233, y: 503
Root
00:26:00
192.168.1.10
Server-PT
Server0
HomeRouter-PT-AC
Wireless Router0
Laptop-PT
Laptop0
Lawn Sprinkler
sprinkle
9.68
Water Level Monitor
waterlevel
Time: 00:00:49
Realtime
Simulation
Copper Straight-Through
Scenario 0
New
Delete
Toggle PDU List Window
Fire
Last Status
Source
Destination
Type
Color
Time(sec)
Periodic
Num
Edit
Delete
Search
ENG
IN
21:36
22-10-2024

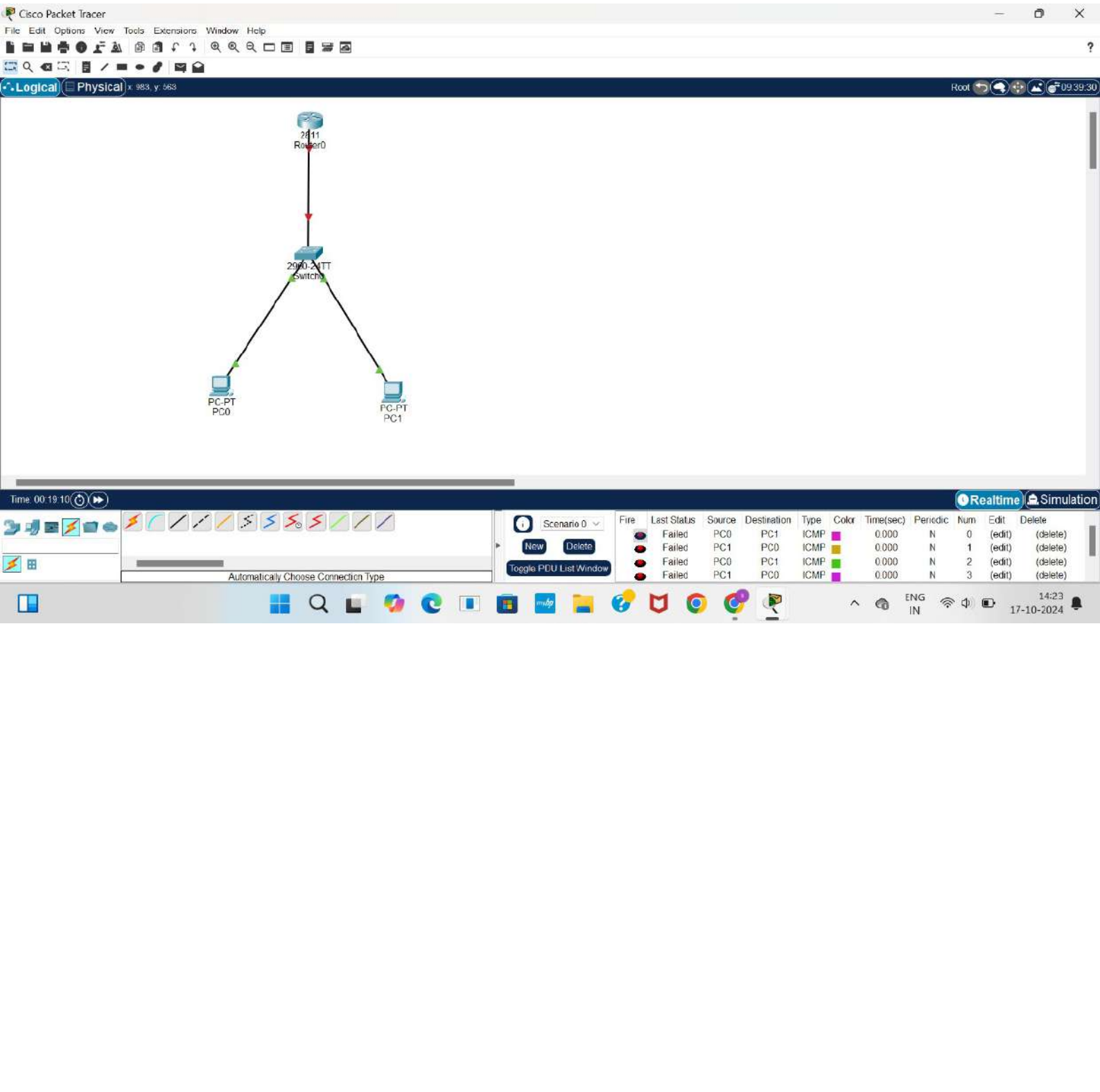

Cisco Packet Tracer - C:\Users\syeds\Cisco Packet Tracer 8.2.2\saves\16 exp.pkt
File Edit Options View Tools Extensions Window Help
Logical Physical x: 1438, y: 185
Root 00:08:00
2911 Router0
2960-24TT Switch1
2960-24TT Switch2
PC-PT PC0
PC-PT PC1
PC-PT PC2
PC-PT PC3
PC-PT PC4
PC-PT PC5
Simulation Panel
Event List Close (Alt + I)
Vis. Time(sec) Last Device
0.000 --
0.000 --
Reset Simulation Constant Delay Captured to: 0.000 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, 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: 00:00:19.558 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
In Progress PC0 PC2 ICMP 0.000 N 0 (edit) (delete)
(Select a Device to Drag and Drop to the Workspace)
ENG IN 13:01 21-10-2024

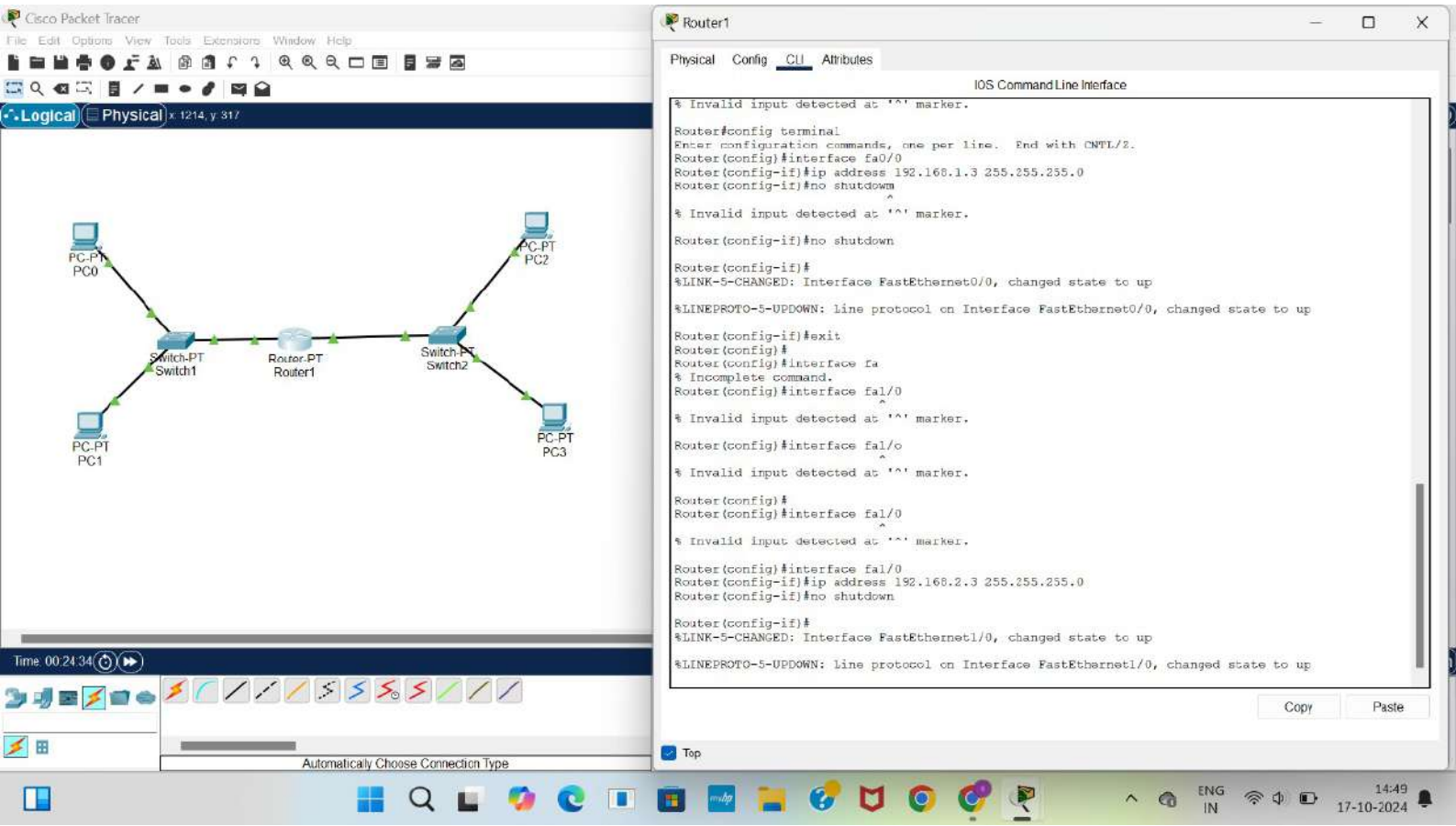

Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical
Physical
x: 722, y: 244
Root
00:02:30
Fan
IoT0
Door
IoT4
Window
IoT3
Server-PT
Server0
2950-24TT
Switch0
WRT300N
Wireless Router0
Light
IoT2
Laptop-PT
Laptop0
Time: 00:46:29
Realtime
Simulation
Copper Straight-Through
Scenario 0
New
Delete
Toggle PDU List Window
Fire
Last Status
Source
Destination
Type
Color
Time(sec)
Periodic
Num
Edit
Delete
Successful
Server0
Wireless R...
ICMP
0.000
N
0
(edit)
(delete)
ENG
IN
22:20
17-10-2024


Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical Physical x: 922, y: 260
Root 06:53:00
PC-PT host1
Printer-PT Printer0
2960-24TT Switch0
PC-PT PC1
PC-PT PC2
Time: 01:26:09
Realtime Simulation
Copper Straight-Through


host1
Physical Config Desktop Programming Attributes
Command Prompt
Cisco Packet Tracer PC Command Line 1.0
C:\>
ping 172.16.0.2
Pinging 172.16.0.2 with 32 bytes of data:
Reply from 172.16.0.2: bytes=32 time<1ms TTL=128
Reply from 172.16.0.2: bytes=32 time<1ms TTL=128
Reply from 172.16.0.2: bytes=32 time<1ms TTL=128
Reply from 172.16.0.2: bytes=32 time=6ms TTL=128
Ping statistics for 172.16.0.2:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 6ms, Average = 1ms
C:\>ping 172.16.0.1
Pinging 172.16.0.1 with 32 bytes of data:
Reply from 172.16.0.1: bytes=32 time=3ms TTL=128
Reply from 172.16.0.1: bytes=32 time=3ms TTL=128
Reply from 172.16.0.1: bytes=32 time=8ms TTL=128
Reply from 172.16.0.1: bytes=32 time<1ms TTL=128
Ping statistics for 172.16.0.1:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 8ms, Average = 3ms
C:\>ping 172.16.0.3
Pinging 172.16.0.3 with 32 bytes of data:
Reply from 172.16.0.3: bytes=32 time<1ms TTL=128
Reply from 172.16.0.3: bytes=32 time<1ms TTL=128
Reply from 172.16.0.3: bytes=32 time<1ms TTL=128
Reply from 172.16.0.3: bytes=32 time<1ms TTL=128
Ping statistics for 172.16.0.3:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Top


ENG IN
21:26
17-10-2024


Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical Physical x: 983, y: 563
Root 09:39:30
2811
Router0
2960-24TT
Switch0
PC-PT
PC0
PC-PT
PC1
Time: 00:19:10
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
Failed PC0 PC1 ICMP 0.000 N 0 (edit) (delete)
Failed PC1 PC0 ICMP 0.000 N 1 (edit) (delete)
Failed PC0 PC1 ICMP 0.000 N 2 (edit) (delete)
Failed PC1 PC0 ICMP 0.000 N 3 (edit) (delete)
ENG
IN
14:23
17-10-2024



Router1

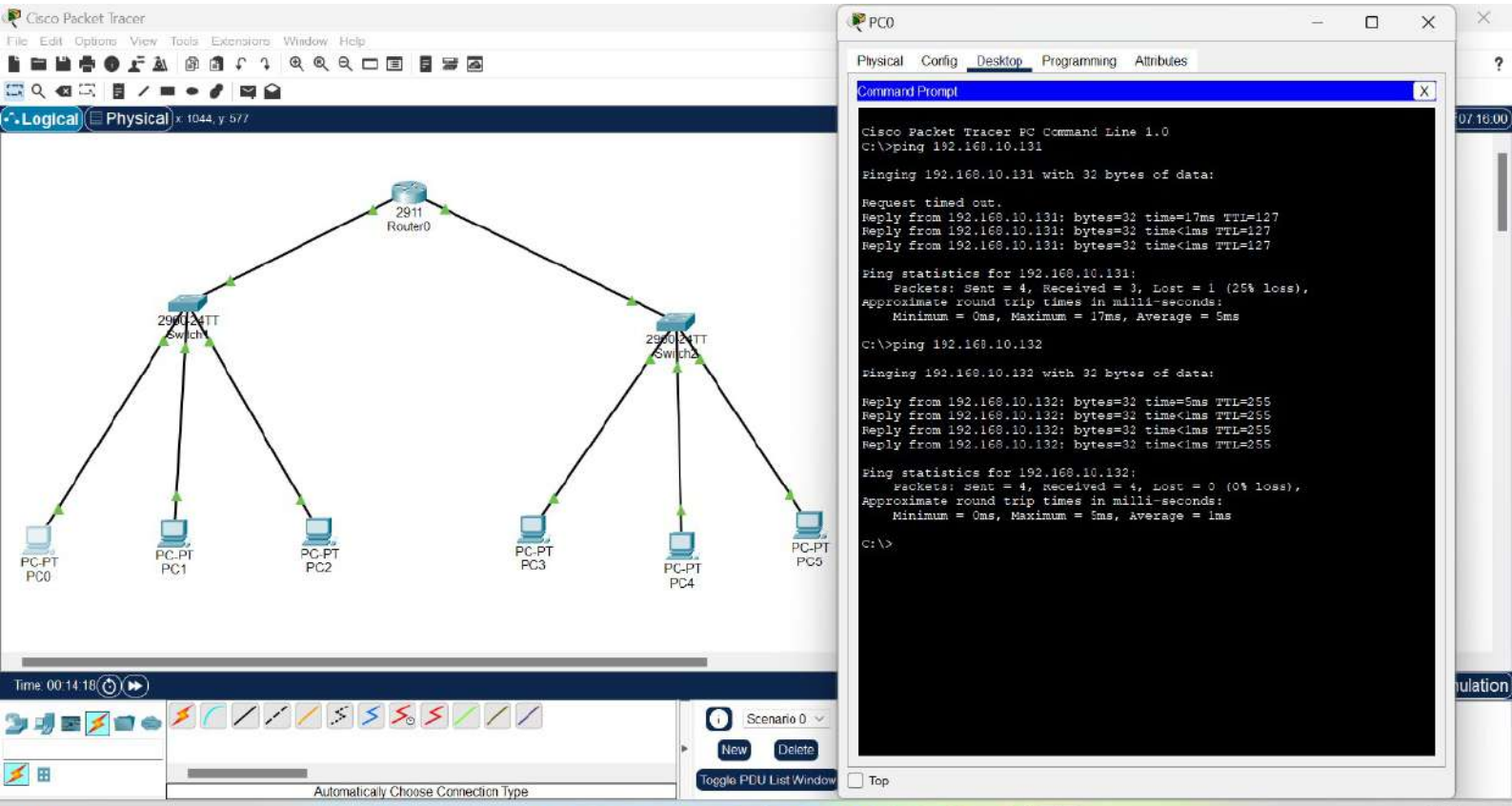
Physical Config CLI Attributes

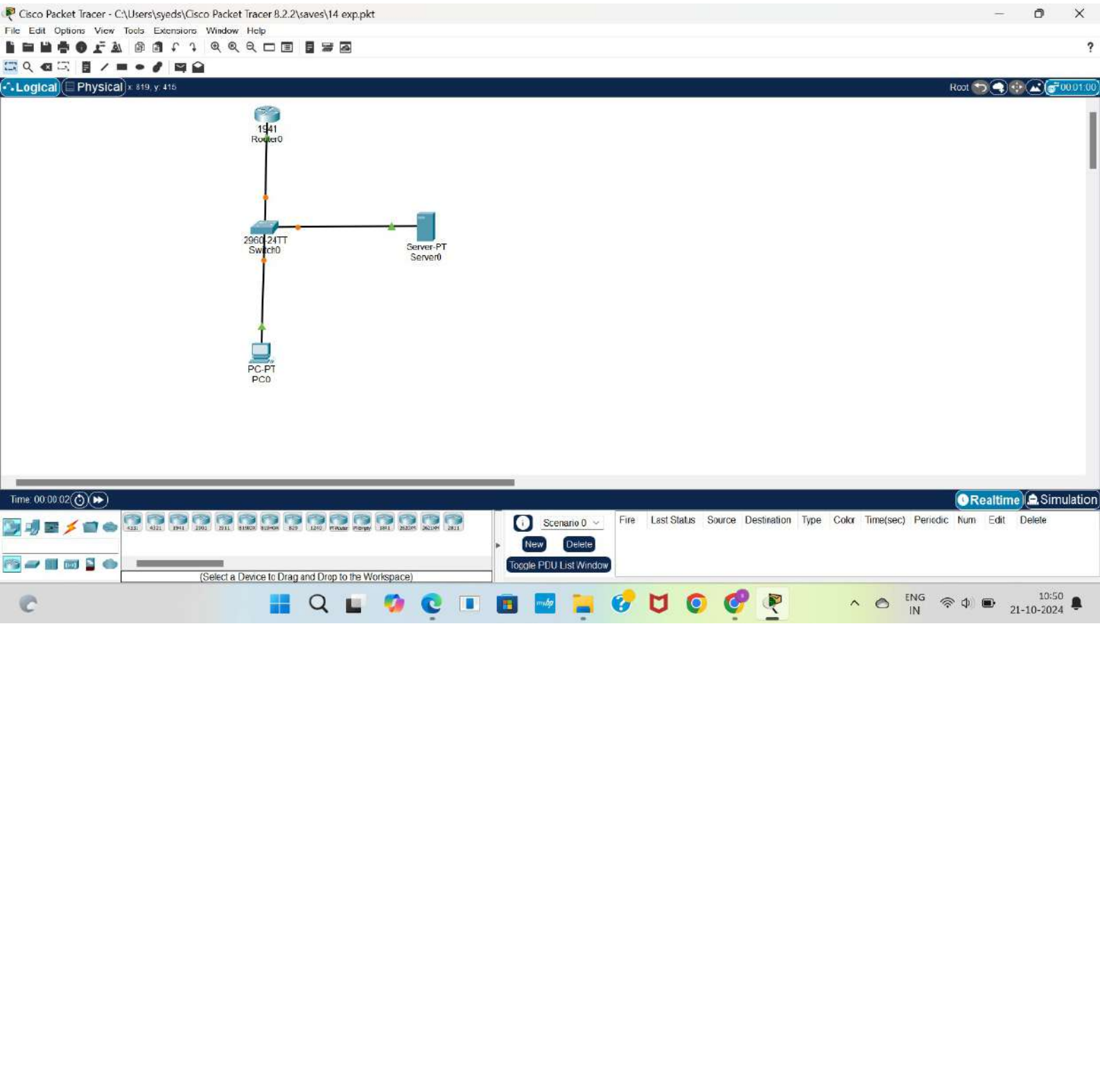
IOS Command Line Interface

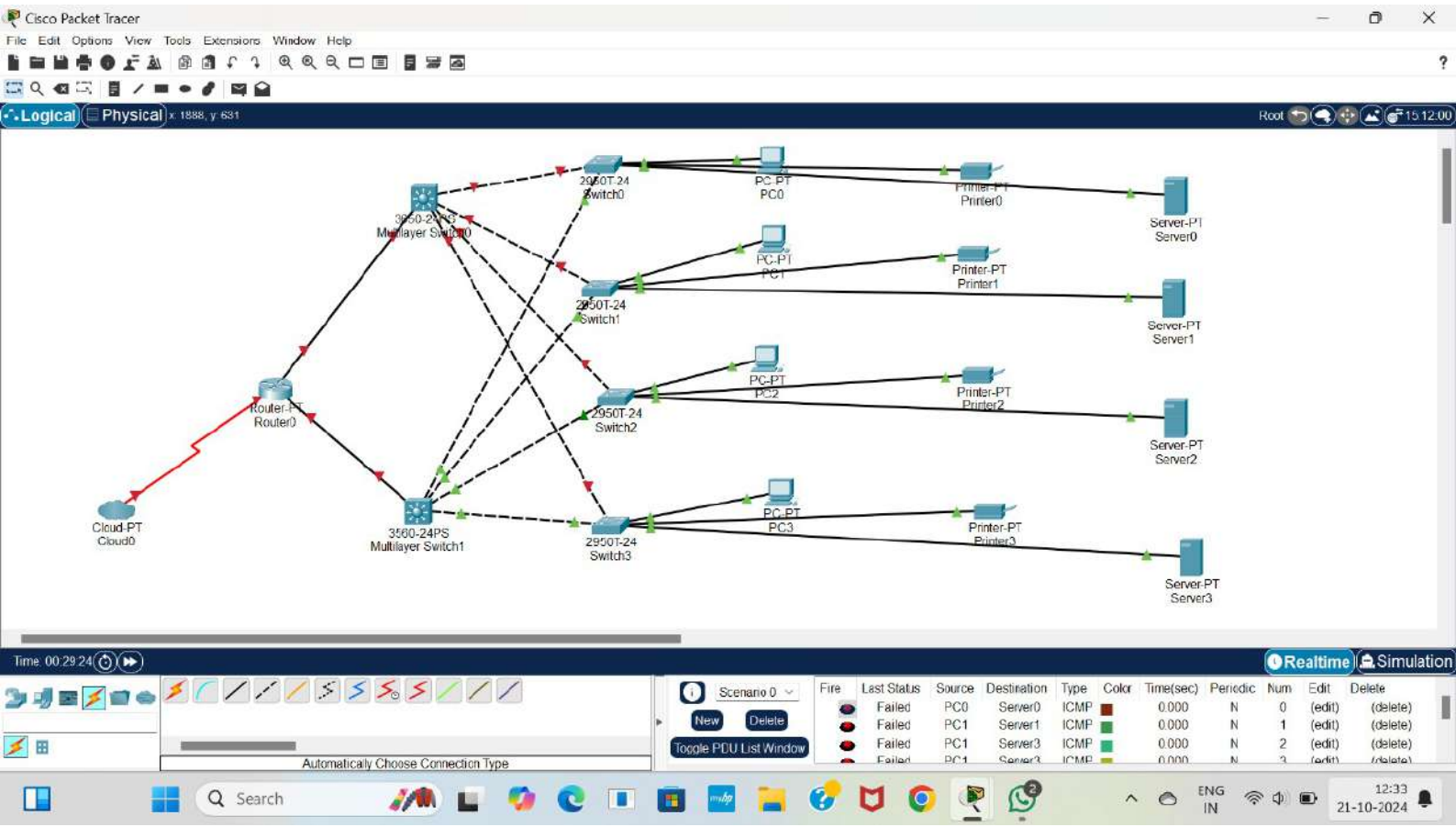
```
% Invalid input detected at '^' marker.

Router#config terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#interface fa0/0
Router(config-if)#ip address 192.168.1.3 255.255.255.0
Router(config-if)#no shutdowm
                  ^
% Invalid input detected at '^' marker.

Router(config-if)#no shutdown

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: line protocol on Interface FastEthernet0/0, changed state to up

Router(config-if)#exit
Router(config)#
Router(config)#interface fa
% Incomplete command.
Router(config)#interface fal/0
                         ^
% Invalid input detected at '^' marker.

Router(config)#interface fal/o
                         ^
% Invalid input detected at '^' marker.

Router(config)#
Router(config)#interface fal/0
                         ^
% Invalid input detected at '^' marker.

Router(config)#interface fal/0
Router(config-if)#ip address 192.168.2.3 255.255.255.0
Router(config-if)#no shutdown

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet1/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet1/0, changed state to up
```

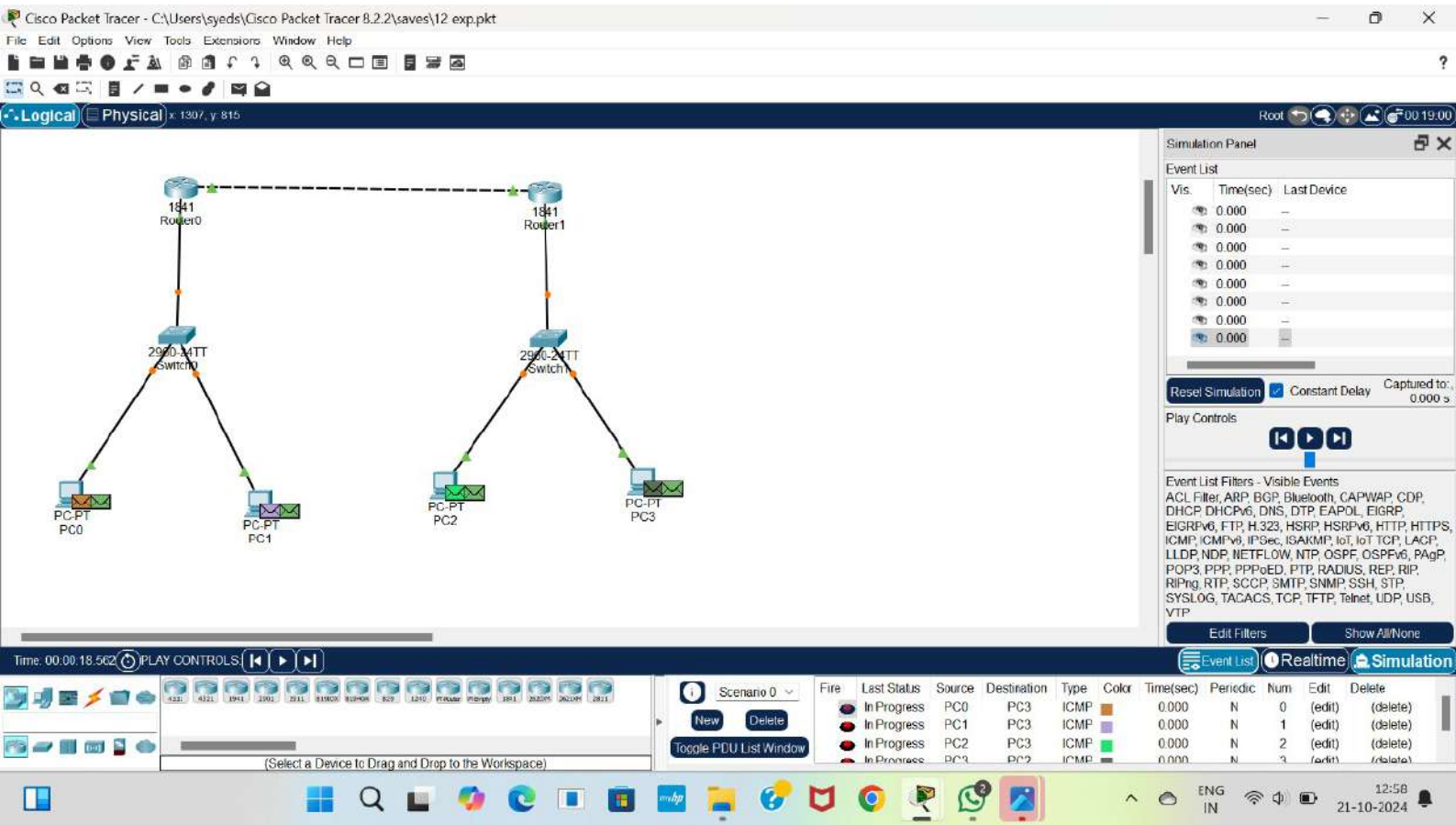
Copy Paste

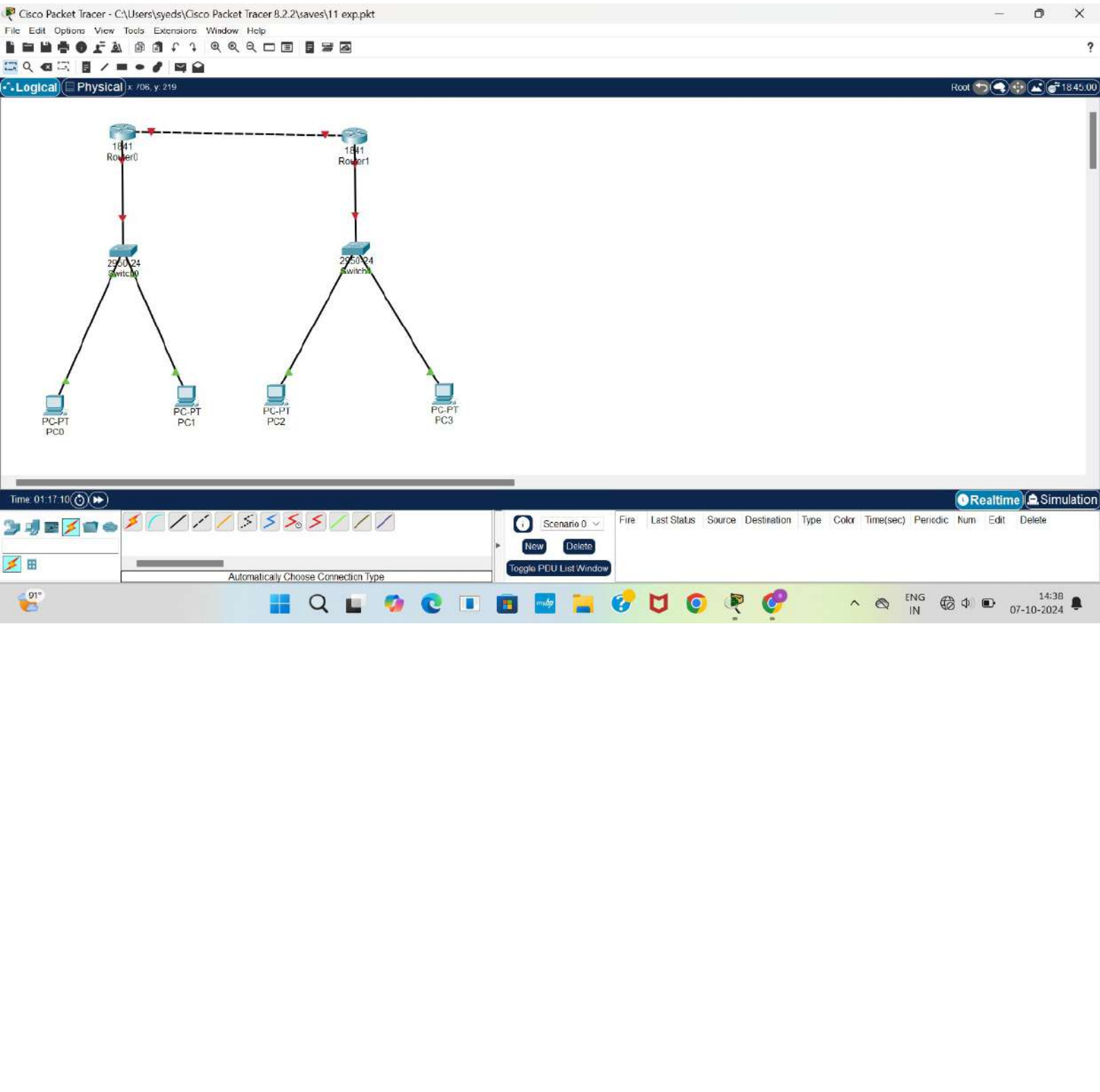
Top

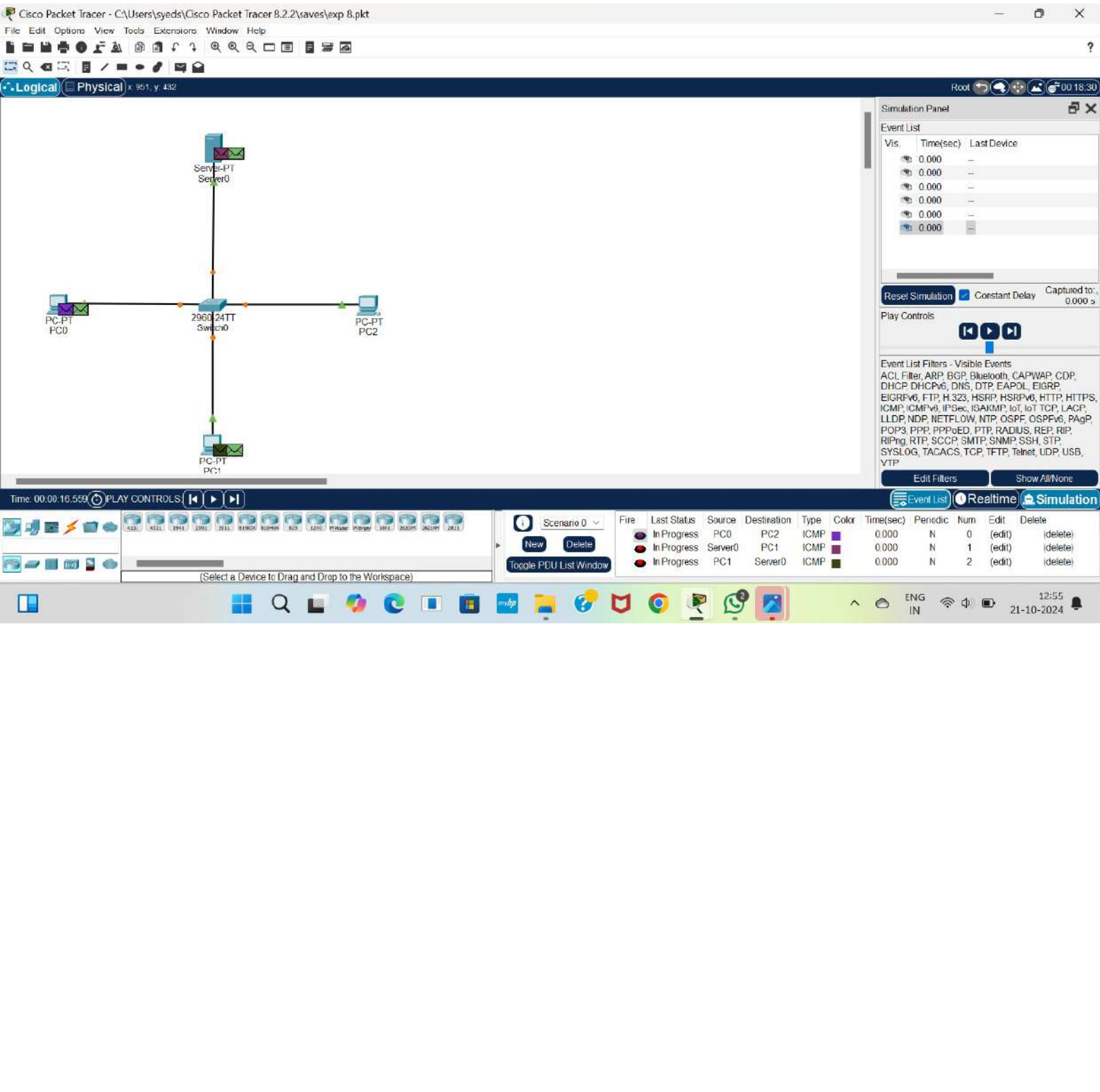

Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical Physical x: 1044, y: 577
2911
Router0
2960-24TT
Switch1
2960-24TT
Switch2
PC-PT
PC0
PC-PT
PC1
PC-PT
PC2
PC-PT
PC3
PC-PT
PC4
PC-PT
PC5
Time: 00:14:18
Scenario 0
New
Delete
Toggle PDU List Window
Automatically Choose Connection Type
PC0
Physical Config Desktop Programming Attributes
Command Prompt
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.10.131
Pinging 192.168.10.131 with 32 bytes of data:
Request timed out.
Reply from 192.168.10.131: bytes=32 time=17ms TTL=127
Reply from 192.168.10.131: bytes=32 time<1ms TTL=127
Reply from 192.168.10.131: bytes=32 time<1ms TTL=127
Ping statistics for 192.168.10.131:
Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 17ms, Average = 5ms
C:\>ping 192.168.10.132
Pinging 192.168.10.132 with 32 bytes of data:
Reply from 192.168.10.132: bytes=32 time=5ms TTL=255
Reply from 192.168.10.132: bytes=32 time<1ms TTL=255
Reply from 192.168.10.132: bytes=32 time<1ms TTL=255
Reply from 192.168.10.132: bytes=32 time<1ms TTL=255
Ping statistics for 192.168.10.132:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 5ms, Average = 1ms
C:\>
Top
ENG
IN
13:11
17-10-2024

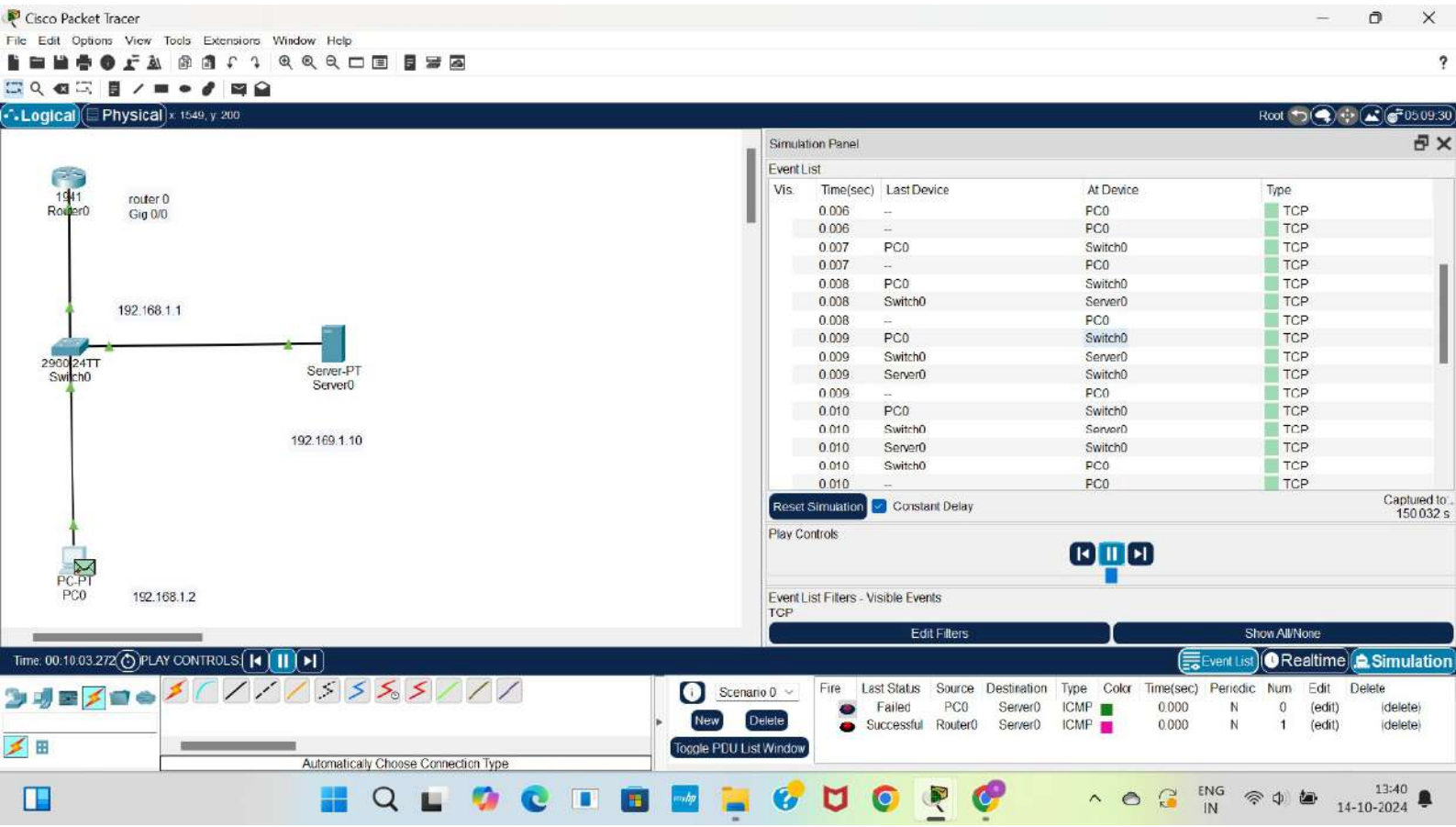

Cisco Packet Tracer - C:\Users\syeds\Cisco Packet Tracer 8.2.2\saves\14 exp.pkt
File Edit Options View Tools Extensions Window Help
Logical Physical x: 819, y: 416
Root 00:01:00
1941
Router0
2960-24TT
Switch0
Server-PT
Server0
PC-PT
PC0
Time: 00:00:02
Realtime Simulation
(Select a Device to Drag and 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
ENG
IN
10:50
21-10-2024

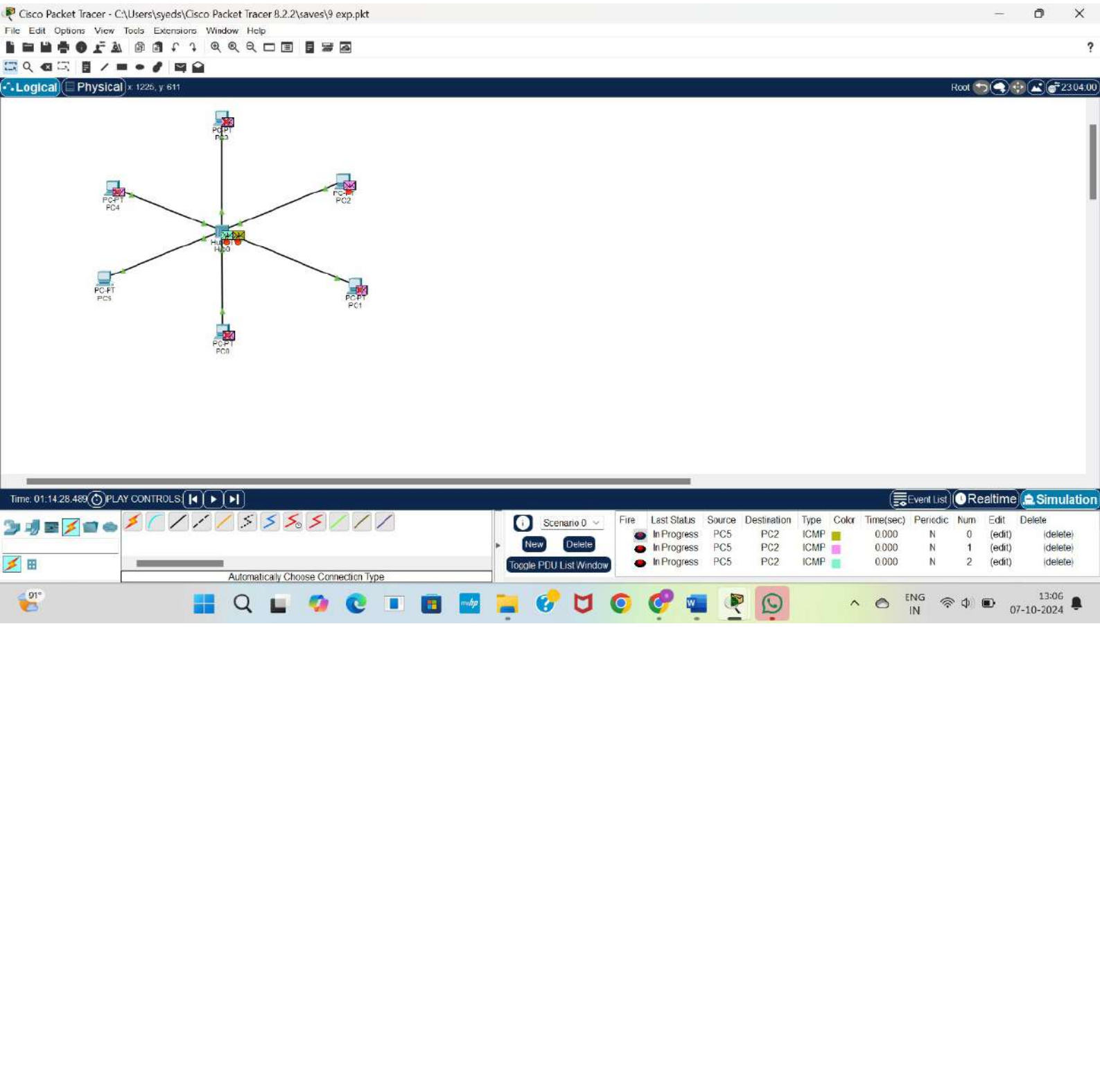

Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical Physical x: 1888, y: 631
Root 15:12:00
2950T-24 Switch0
PC-PT PC0
Printer-PT Printer0
Server-PT Server0
3560-24PS Multilayer Switch0
PC-PT PC1
Printer-PT Printer1
2950T-24 Switch1
Server-PT Server1
PC-PT PC2
Printer-PT Printer2
Router-PT Router0
2950T-24 Switch2
Server-PT Server2
Cloud-PT Cloud0
3560-24PS Multilayer Switch1
PC-PT PC3
Printer-PT Printer3
2950T-24 Switch3
Server-PT Server3
Time: 00:29:24
Realtime Simulation
Scenario 0
New Delete
Toggle PDU List Window
Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete
Failed PC0 Server0 ICMP 0.000 N 0 (edit) (delete)
Failed PC1 Server1 ICMP 0.000 N 1 (edit) (delete)
Failed PC1 Server3 ICMP 0.000 N 2 (edit) (delete)
Automatically Choose Connection Type
Search
ENG IN
12:33 21-10-2024

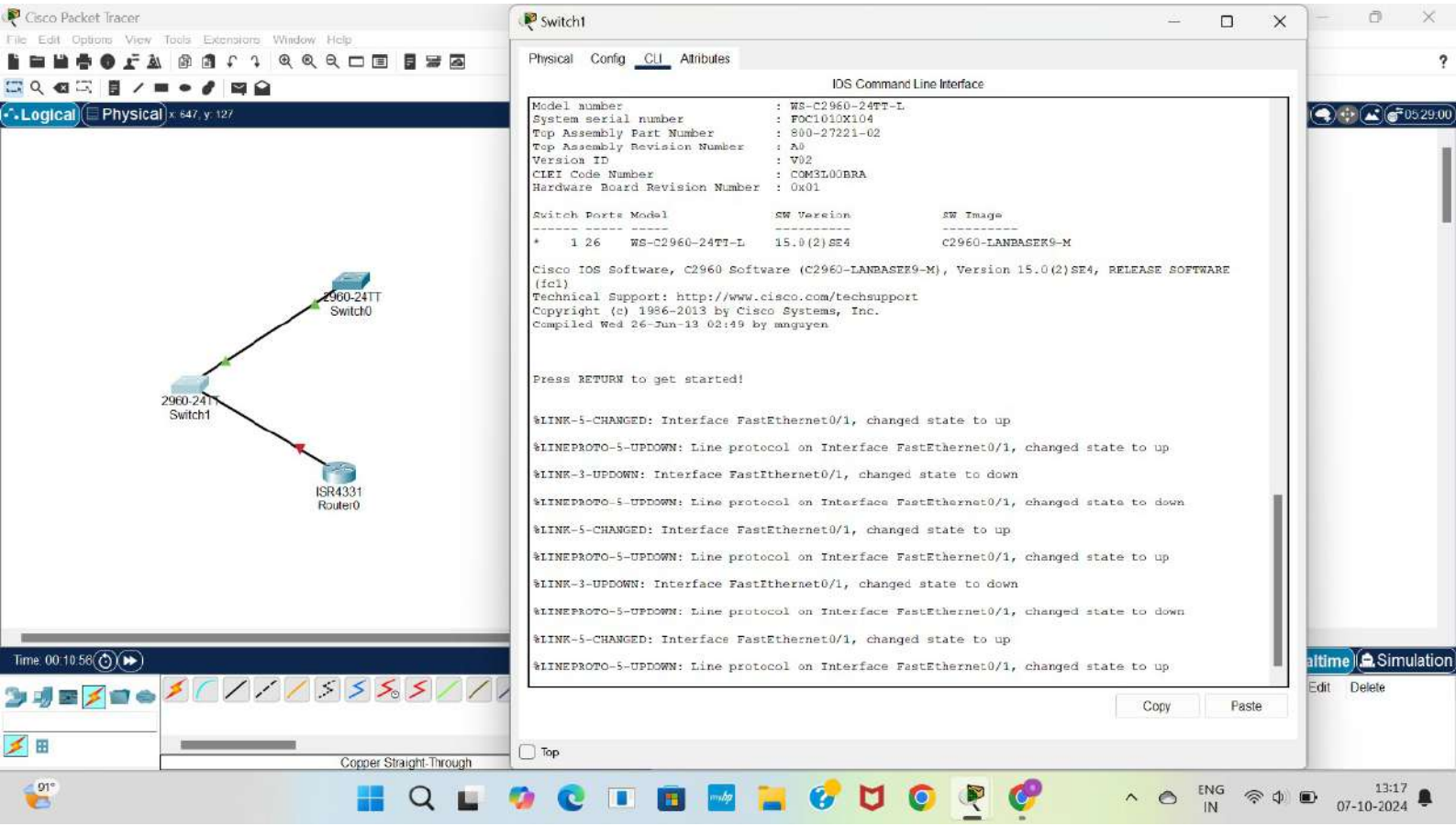

Cisco Packet Tracer - C:\Users\syeds\Cisco Packet Tracer 8.2.2\saves\12 exp.pkt
File Edit Options View Tools Extensions Window Help
Logical Physical
1841 Router0
1841 Router1
2960-24TT Switch0
2960-24TT Switch1
PC-PT PC0
PC-PT PC1
PC-PT PC2
PC-PT PC3
Simulation Panel
Event List
Vis. Time(sec) Last Device
Reset Simulation
Constant Delay
Play Controls
Event List Filters - Visible Events
Edit Filters
Show All/None
Time: 00:00:18.562
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
In Progress PC0 PC3 ICMP 0.000 N 0 (edit) (delete)
In Progress PC1 PC3 ICMP 0.000 N 1 (edit) (delete)
In Progress PC2 PC3 ICMP 0.000 N 2 (edit) (delete)
(Select a Device to Drag and Drop to the Workspace)


Cisco Packet Tracer - C:\Users\syeds\Cisco Packet Tracer 8.2.2\saves\11 exp.pkt
File Edit Options View Tools Extensions Window Help
Logical
Physical
Root
1841
Router0
1841
Router1
2950-24
Switch0
2950-24
Switch1
PC-PT
PC0
PC-PT
PC1
PC-PT
PC2
PC-PT
PC3
Time: 01:17:10
Realtime
Simulation
Scenario 0
New
Delete
Toggle PDU List Window
Fire
Last Status
Source
Destination
Type
Color
Time(sec)
Periodic
Num
Edit
Delete
Automatically Choose Connection Type
ENG
IN
14:38
07-10-2024


Cisco Packet Tracer - C:\Users\syeds\Cisco Packet Tracer 8.2.2\saves\exp 8.pkt
File Edit Options View Tools Extensions Window Help
Logical Physical x: 951, y: 432
Root 00:18:30
Server-PT Server0
PC-PT PC0
2960-24TT Switch0
PC-PT PC2
PC-PT PC1
Simulation Panel
Event List
Vis. Time(sec) Last Device
0.000 --
0.000 --
0.000 --
0.000 --
0.000 --
0.000 --
Reset Simulation
Constant Delay
Captured to: 0.000 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, 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: 00:00:16.559
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
In Progress PC0 PC2 ICMP 0.000 N 0 (edit) (delete)
In Progress Server0 PC1 ICMP 0.000 N 1 (edit) (delete)
In Progress PC1 Server0 ICMP 0.000 N 2 (edit) (delete)
ENG IN
12:55
21-10-2024


Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical Physical x: 1549, y: 200
Root 05:09:30
1941
Router0
router 0
Gig 0/0
192.168.1.1
2960-24TT
Switch0
Server-PT
Server0
192.169.1.10
PC-PT
PC0
192.168.1.2
Simulation Panel
Event List
Vis. Time(sec) Last Device At Device Type
0.006 -- PC0 TCP
0.006 -- PC0 TCP
0.007 PC0 Switch0 TCP
0.007 -- PC0 TCP
0.008 PC0 Switch0 TCP
0.008 Switch0 Server0 TCP
0.008 -- PC0 TCP
0.009 PC0 Switch0 TCP
0.009 Switch0 Server0 TCP
0.009 Server0 Switch0 TCP
0.009 -- PC0 TCP
0.010 PC0 Switch0 TCP
0.010 Switch0 Server0 TCP
0.010 Server0 Switch0 TCP
0.010 Switch0 PC0 TCP
0.010 -- PC0 TCP
Reset Simulation
Constant Delay
Captured to: 150.032 s
Play Controls
Event List Filters - Visible Events
TCP
Edit Filters
Show All/None
Time: 00:10:03.272
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
Failed PC0 Server0 ICMP 0.000 N 0 (edit) (delete)
Successful Router0 Server0 ICMP 0.000 N 1 (edit) (delete)
Automatically Choose Connection Type
ENG
IN
13:40
14-10-2024


Cisco Packet Tracer - C:\Users\syeds\Cisco Packet Tracer 8.2.2\saves\9 exp.pkt
File Edit Options View Tools Extensions Window Help
Logical Physical x: 1225, y: 611
Root 23:04:00
PC-PT PC3
PC-PT PC4
PC-PT PC2
Hub-PT Hub0
PC-PT PC5
PC-PT PC1
PC-PT PC0
Time: 01:14:28.489 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
In Progress PC5 PC2 ICMP 0.000 N 0 (edit) (delete)
In Progress PC5 PC2 ICMP 0.000 N 1 (edit) (delete)
In Progress PC5 PC2 ICMP 0.000 N 2 (edit) (delete)
Automatically Choose Connection Type
91°
ENG IN
13:06 07-10-2024


Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical Physical x: 647, y: 127
2960-24TT
Switch0
2960-24TT
Switch1
ISR4331
Router0
Time: 00:10:58
Copper Straight-Through
Switch1
Physical Config CLI Attributes
IOS Command Line Interface
Model number : WS-C2960-24TT-L
System serial number : FOC1010X104
Top Assembly Part Number : 800-27221-02
Top Assembly Revision Number : A0
Version ID : V02
CLEI Code Number : COM3L00BRA
Hardware Board Revision Number : 0x01
Switch Ports Model SW Version SW Image
* 1 26 WS-C2960-24TT-L 15.0(2)SE4 C2960-LANBASEK9-M
Cisco IOS Software, C2960 Software (C2960-LANBASEK9-M), Version 15.0(2)SE4, RELEASE SOFTWARE
(fc1)
Technical Support: http://www.cisco.com/techsupport
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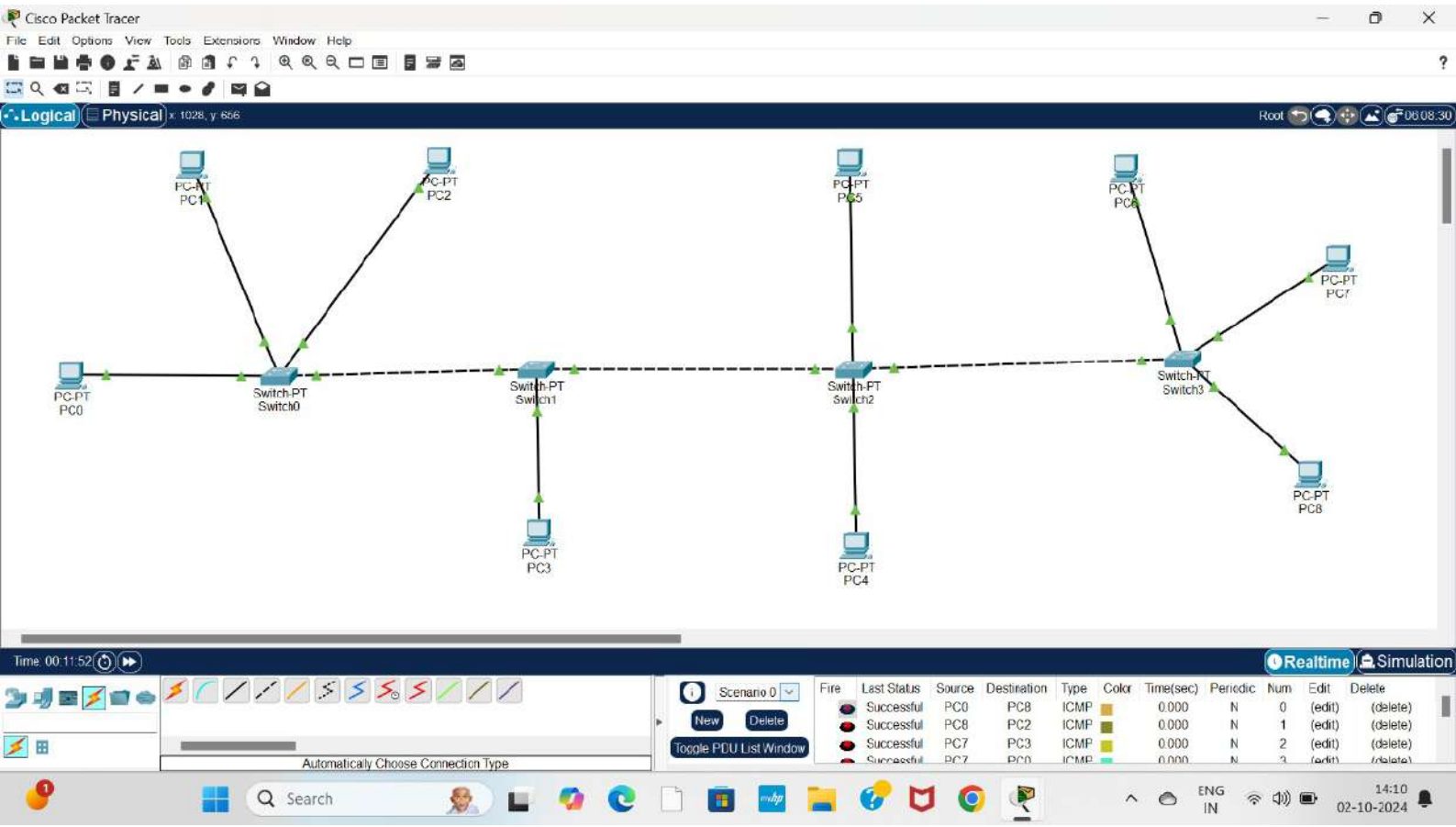
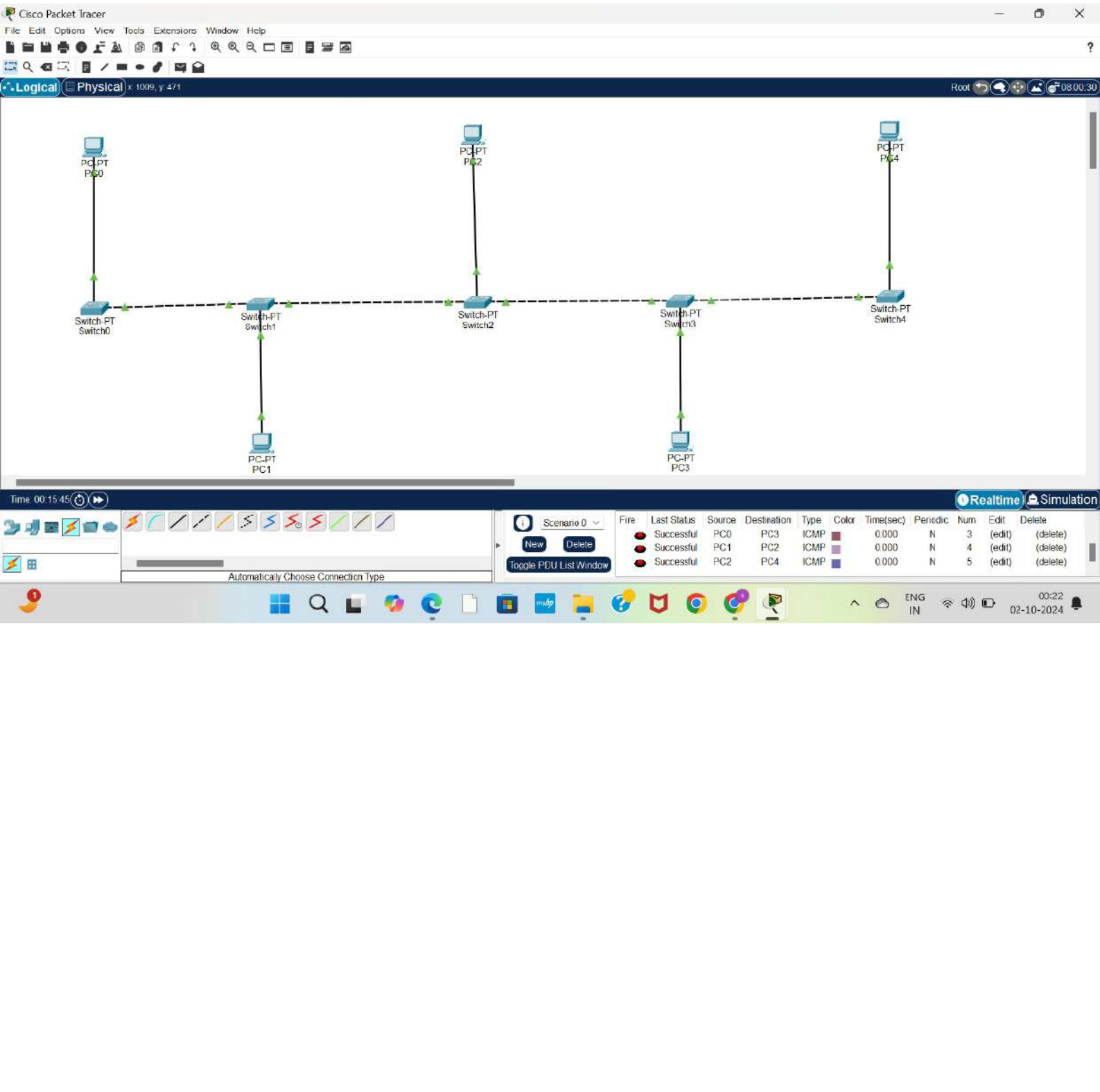
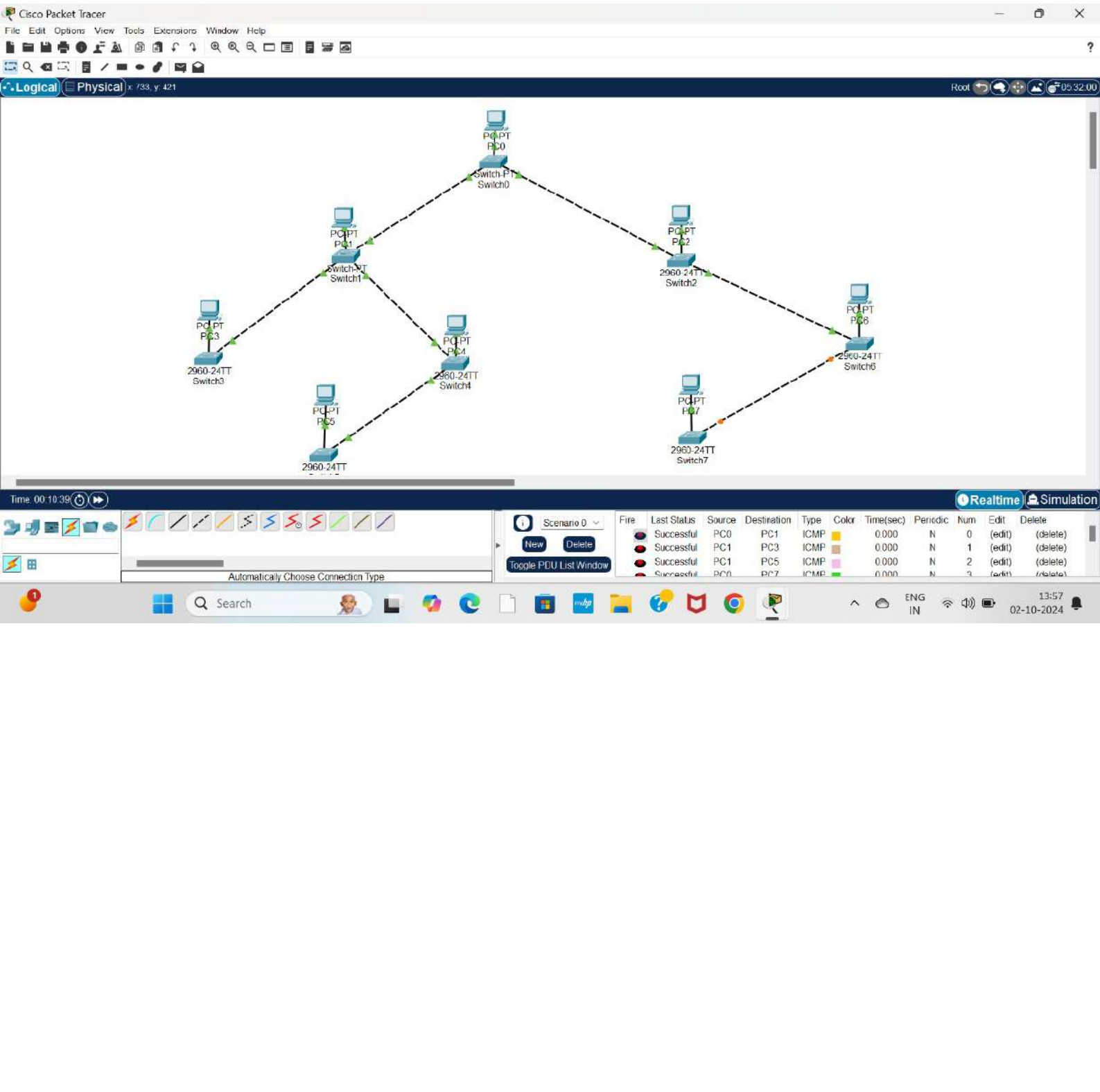
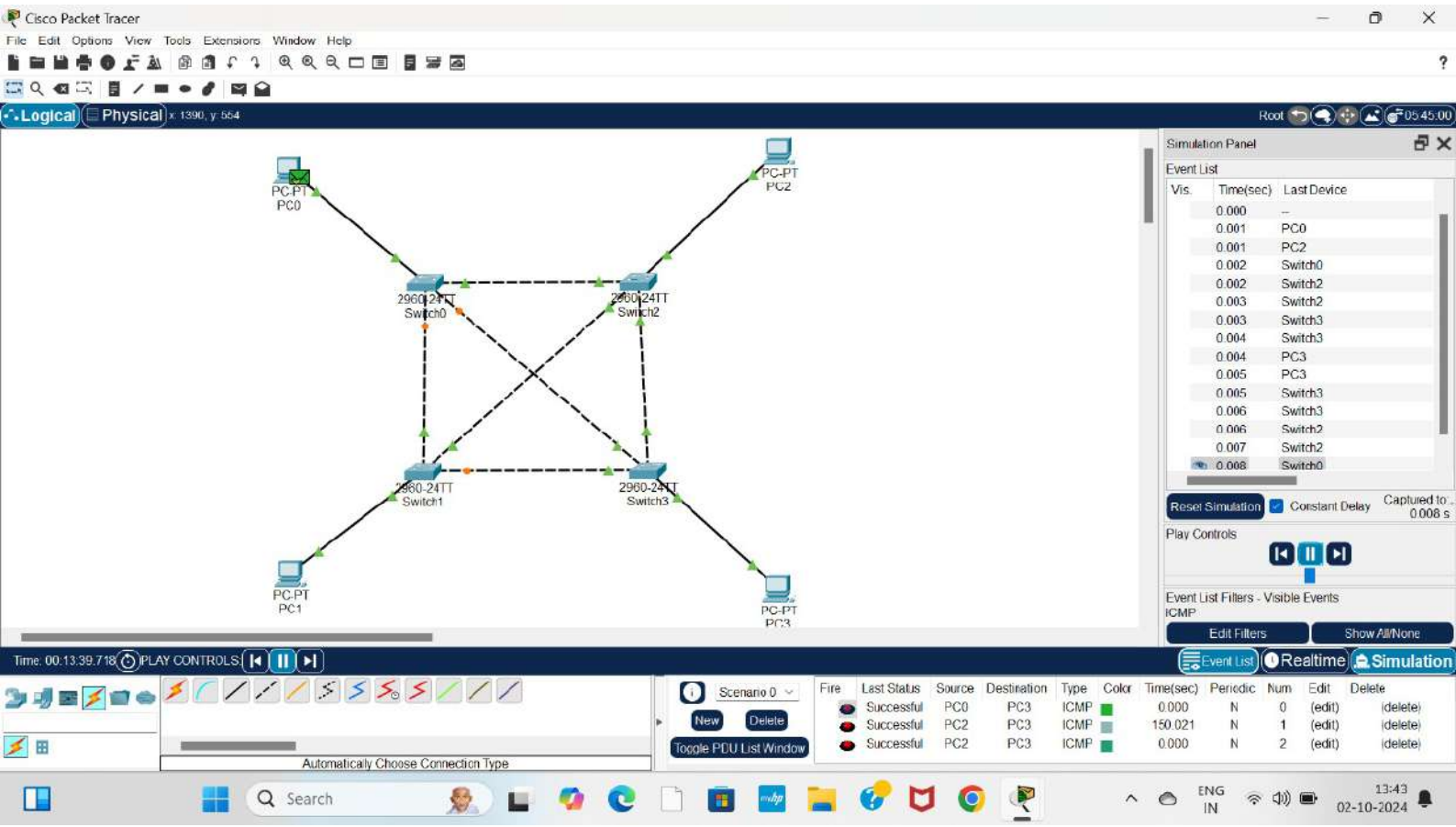
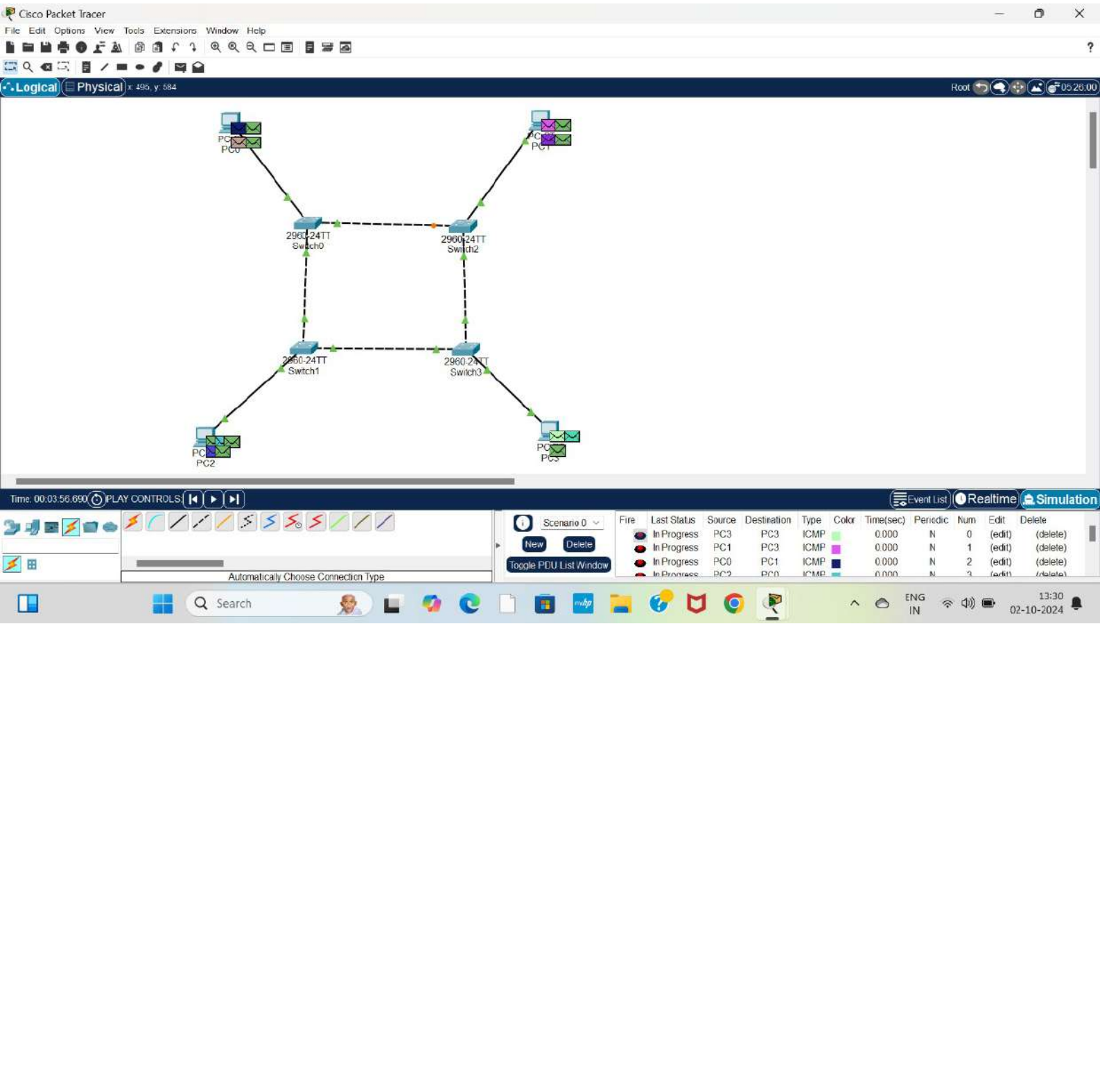
Compiled Wed 26-Jun-13 02:49 by mnguyen
Press RETURN to get started!
%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up
%LINK-3-UPDOWN: Interface FastEthernet0/1, changed state to down
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to down
%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up
%LINK-3-UPDOWN: Interface FastEthernet0/1, changed state to down
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to down
%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up
Copy
Paste
Top
Simulation
Edit
Delete
ENG
IN
13:17
07-10-2024


Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical Physical x: 1028, y: 656
Root 06:08:30
PC-PT PC1
PC-PT PC2
PC-PT PC5
PC-PT PC6
PC-PT PC7
PC-PT PC0
Switch-PT Switch0
Switch-PT Switch1
Switch-PT Switch2
Switch-PT Switch3
PC-PT PC8
PC-PT PC3
PC-PT PC4
Time: 00:11:52
Realtime
Simulation
Scenario 0
New
Delete
Toggle PDU List Window
Automatically Choose Connection Type
Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete
Successful PC0 PC8 ICMP 0.000 N 0 (edit) (delete)
Successful PC8 PC2 ICMP 0.000 N 1 (edit) (delete)
Successful PC7 PC3 ICMP 0.000 N 2 (edit) (delete)
Search
ENG IN
14:10
02-10-2024


Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical Physical x: 1009, y: 471
Root 08:00:30
PC-PT PC0
PC-PT PC2
PC-PT PC4
Switch-PT Switch0
Switch-PT Switch1
Switch-PT Switch2
Switch-PT Switch3
Switch-PT Switch4
PC-PT PC1
PC-PT PC3
Time: 00:15:45
Realtime
Simulation
Scenario 0
New
Delete
Toggle PDU List Window
Automatically Choose Connection Type
Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete
Successful PC0 PC3 ICMP 0.000 N 3 (edit) (delete)
Successful PC1 PC2 ICMP 0.000 N 4 (edit) (delete)
Successful PC2 PC4 ICMP 0.000 N 5 (edit) (delete)
ENG IN
00:22
02-10-2024


Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical Physical x: 733, y: 421
Root 05:32:00
PC-PT PC0
Switch-PT Switch0
PC-PT PC1
Switch-PT Switch1
PC-PT PC2
2960-24TT Switch2
PC-PT PC3
2960-24TT Switch3
PC-PT PC4
2960-24TT Switch4
PC-PT PC5
2960-24TT
PC-PT PC6
2960-24TT Switch6
PC-PT PC7
2960-24TT Switch7
Time: 00:10:39
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)
Successful PC1 PC3 ICMP 0.000 N 1 (edit) (delete)
Successful PC1 PC5 ICMP 0.000 N 2 (edit) (delete)
Automatically Choose Connection Type
Search
ENG IN
13:57
02-10-2024


Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical Physical x: 1390, y: 564
Root 05:45:00
PC-PT PC0
PC-PT PC2
2960-24TT Switch0
2960-24TT Switch2
2960-24TT Switch1
2960-24TT Switch3
PC-PT PC1
PC-PT PC3
Simulation Panel
Event List
Vis. Time(sec) Last Device
0.000 --
0.001 PC0
0.001 PC2
0.002 Switch0
0.002 Switch2
0.003 Switch2
0.003 Switch3
0.004 Switch3
0.004 PC3
0.005 PC3
0.005 Switch3
0.006 Switch3
0.006 Switch2
0.007 Switch2
0.008 Switch0
Reset Simulation
Constant Delay
Captured to: 0.008 s
Play Controls
Event List Filters - Visible Events
ICMP
Edit Filters
Show All/None
Time: 00:13:39.718
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 PC3 ICMP 0.000 N 0 (edit) (delete)
Successful PC2 PC3 ICMP 150.021 N 1 (edit) (delete)
Successful PC2 PC3 ICMP 0.000 N 2 (edit) (delete)
Search
ENG IN
13:43
02-10-2024


Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical Physical x: 495, y: 584
Root 05:26:00
PC0
PC1
2960-24TT Switch0
2960-24TT Switch2
2960-24TT Switch1
2960-24TT Switch3
PC2
PC3
Time: 00:03:56.690 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
In Progress PC3 PC3 ICMP 0.000 N 0 (edit) (delete)
In Progress PC1 PC3 ICMP 0.000 N 1 (edit) (delete)
In Progress PC0 PC1 ICMP 0.000 N 2 (edit) (delete)
Automatically Choose Connection Type
Search
ENG IN
13:30 02-10-2024