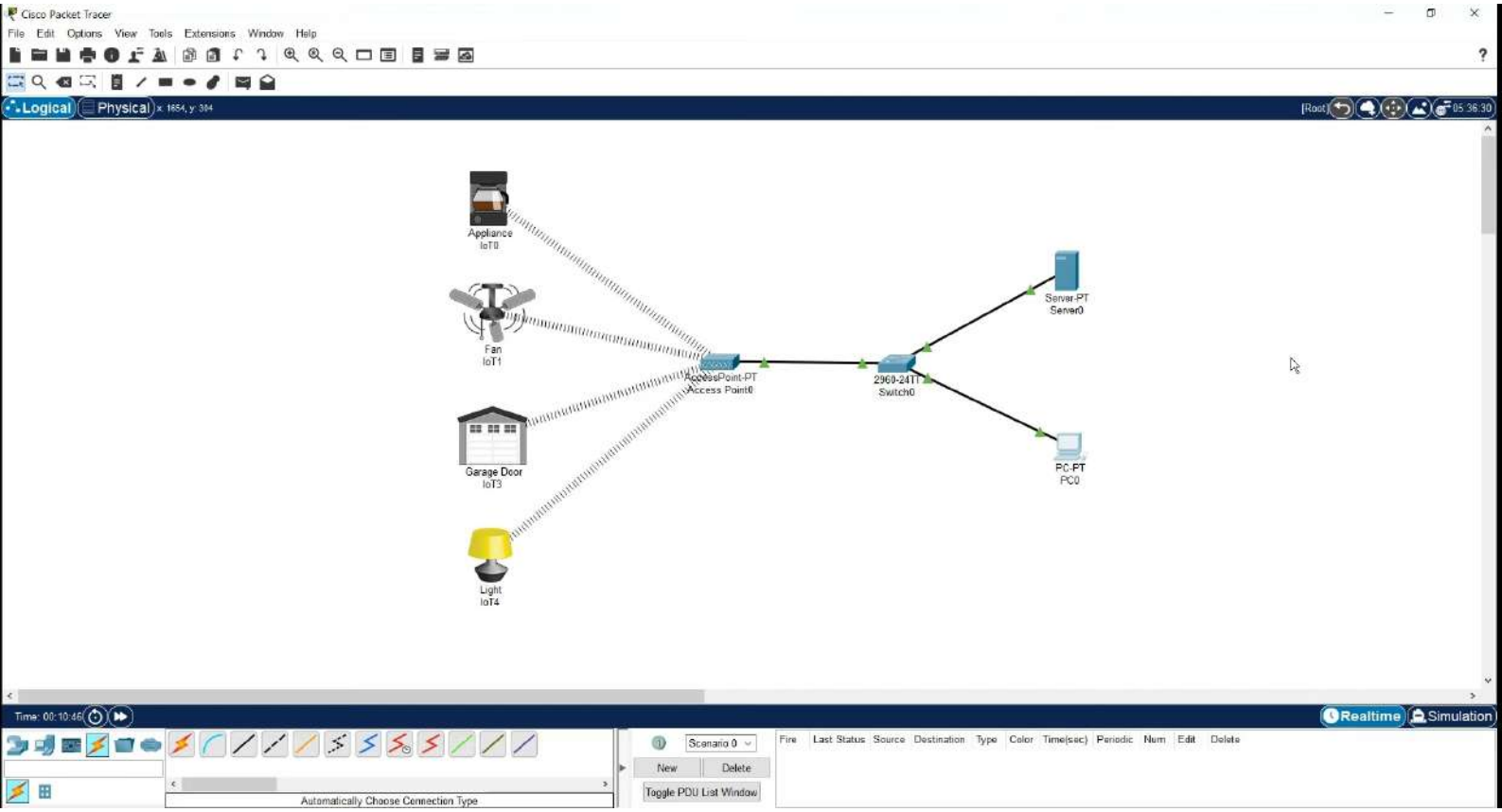
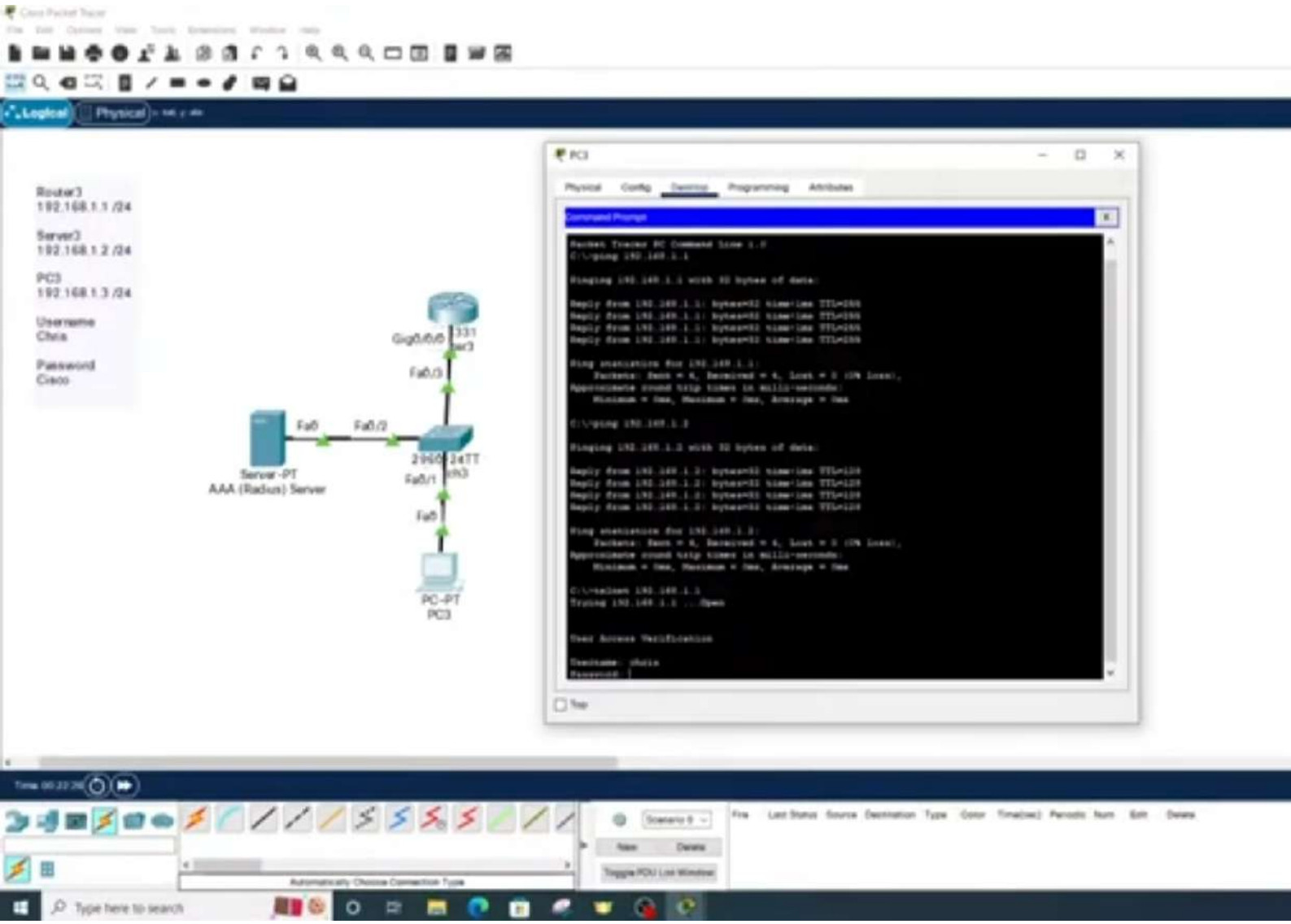
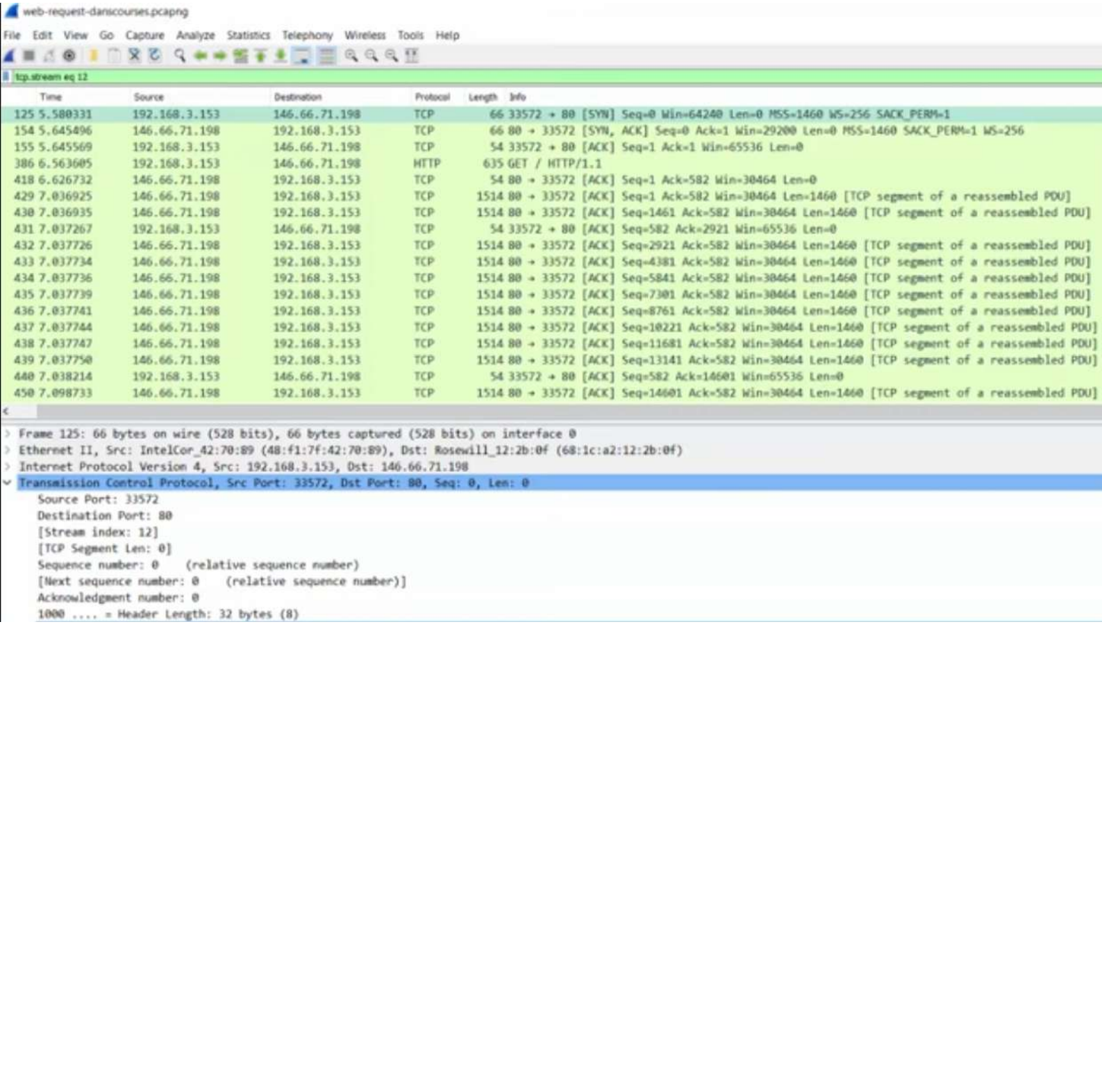
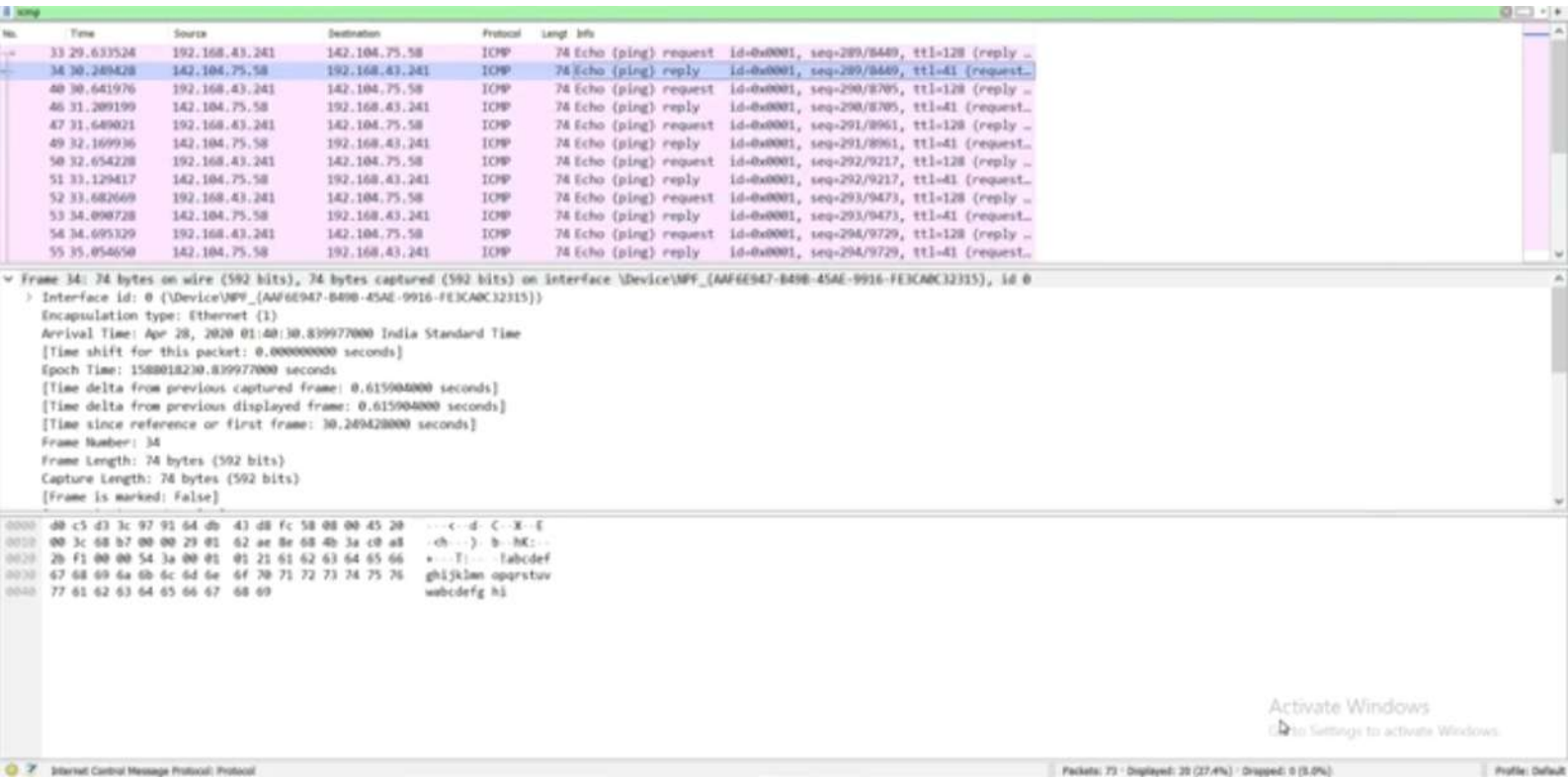
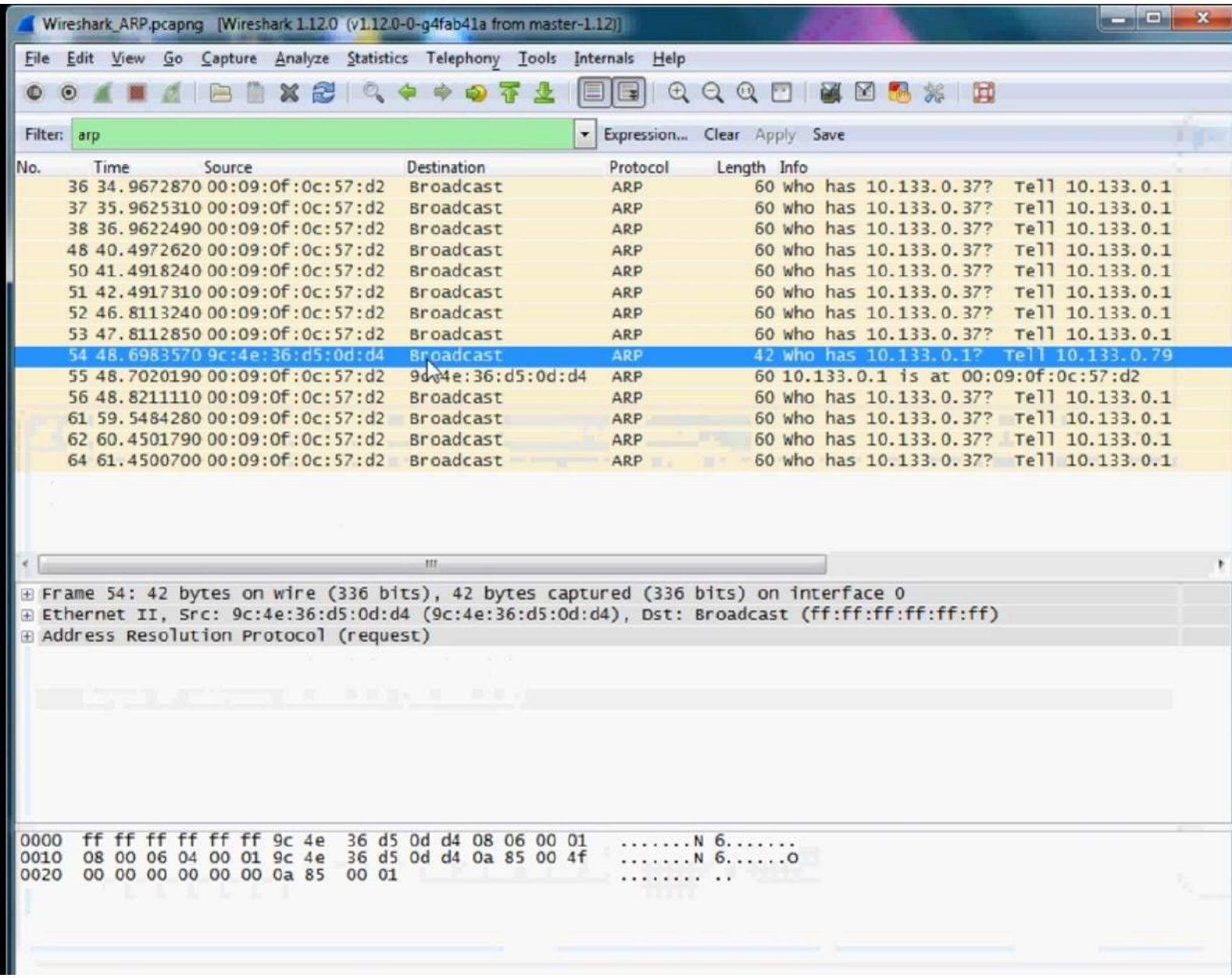

Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical
Physical
Appliance
IoT0
Fan
IoT1
Garage Door
IoT3
Light
IoT4
AccessPoint-PT
Access Point0
2960-24TT
Switch0
Server-PT
Server0
PC-PT
PC0
Realtime
Simulation
Automatically Choose Connection Type
Scenario 0
New
Delete
Toggle PDU List Window
Fire
Last Status
Source
Destination
Type
Color
Time(sec)
Periodic
Num
Edit
Delete


Logical
Physical
Router3
192.168.1.1 /24
Server3
192.168.1.2 /24
PC3
192.168.1.3 /24
Username
Chris
Password
Cisco
Gig0/0/0
Fa0/3
Fa0
Fa0/2
Fa0/1
Server-PT
AAA (Radius) Server
PC-PT
PC3
PC3
Physical
Config
Desktop
Programming
Attributes
Command Prompt
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.1
Pinging 192.168.1.1 with 32 bytes of data:
Reply from 192.168.1.1: bytes=32 time=1ms TTL=255
Reply from 192.168.1.1: bytes=32 time=1ms TTL=255
Reply from 192.168.1.1: bytes=32 time=1ms TTL=255
Reply from 192.168.1.1: bytes=32 time=1ms TTL=255
Ping statistics for 192.168.1.1:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\>ping 192.168.1.2
Pinging 192.168.1.2 with 32 bytes of data:
Reply from 192.168.1.2: bytes=32 time=1ms TTL=128
Reply from 192.168.1.2: bytes=32 time=1ms TTL=128
Reply from 192.168.1.2: bytes=32 time=1ms TTL=128
Reply from 192.168.1.2: bytes=32 time=1ms TTL=128
Ping statistics for 192.168.1.2:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\>telnet 192.168.1.1
Trying 192.168.1.1 ...Open
User Access Verification
Username: chris
Password:
Top
Automatically Choose Connection Type
Type here to search


web-request-danscourses.pcapng
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
tcp.stream eq 12
Time Source Destination Protocol Length Info
125 5.580331 192.168.3.153 146.66.71.198 TCP 66 33572 → 80 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM=1
154 5.645496 146.66.71.198 192.168.3.153 TCP 66 80 → 33572 [SYN, ACK] Seq=0 Ack=1 Win=29200 Len=0 MSS=1460 SACK_PERM=1 WS=256
155 5.645569 192.168.3.153 146.66.71.198 TCP 54 33572 → 80 [ACK] Seq=1 Ack=1 Win=65536 Len=0
386 6.563605 192.168.3.153 146.66.71.198 HTTP 635 GET / HTTP/1.1
418 6.626732 146.66.71.198 192.168.3.153 TCP 54 80 → 33572 [ACK] Seq=1 Ack=582 Win=30464 Len=0
429 7.036925 146.66.71.198 192.168.3.153 TCP 1514 80 → 33572 [ACK] Seq=1 Ack=582 Win=30464 Len=1460 [TCP segment of a reassembled PDU]
430 7.036935 146.66.71.198 192.168.3.153 TCP 1514 80 → 33572 [ACK] Seq=1461 Ack=582 Win=30464 Len=1460 [TCP segment of a reassembled PDU]
431 7.037267 192.168.3.153 146.66.71.198 TCP 54 33572 → 80 [ACK] Seq=582 Ack=2921 Win=65536 Len=0
432 7.037726 146.66.71.198 192.168.3.153 TCP 1514 80 → 33572 [ACK] Seq=2921 Ack=582 Win=30464 Len=1460 [TCP segment of a reassembled PDU]
433 7.037734 146.66.71.198 192.168.3.153 TCP 1514 80 → 33572 [ACK] Seq=4381 Ack=582 Win=30464 Len=1460 [TCP segment of a reassembled PDU]
434 7.037736 146.66.71.198 192.168.3.153 TCP 1514 80 → 33572 [ACK] Seq=5841 Ack=582 Win=30464 Len=1460 [TCP segment of a reassembled PDU]
435 7.037739 146.66.71.198 192.168.3.153 TCP 1514 80 → 33572 [ACK] Seq=7301 Ack=582 Win=30464 Len=1460 [TCP segment of a reassembled PDU]
436 7.037741 146.66.71.198 192.168.3.153 TCP 1514 80 → 33572 [ACK] Seq=8761 Ack=582 Win=30464 Len=1460 [TCP segment of a reassembled PDU]
437 7.037744 146.66.71.198 192.168.3.153 TCP 1514 80 → 33572 [ACK] Seq=10221 Ack=582 Win=30464 Len=1460 [TCP segment of a reassembled PDU]
438 7.037747 146.66.71.198 192.168.3.153 TCP 1514 80 → 33572 [ACK] Seq=11681 Ack=582 Win=30464 Len=1460 [TCP segment of a reassembled PDU]
439 7.037750 146.66.71.198 192.168.3.153 TCP 1514 80 → 33572 [ACK] Seq=13141 Ack=582 Win=30464 Len=1460 [TCP segment of a reassembled PDU]
440 7.038214 192.168.3.153 146.66.71.198 TCP 54 33572 → 80 [ACK] Seq=582 Ack=14601 Win=65536 Len=0
450 7.098733 146.66.71.198 192.168.3.153 TCP 1514 80 → 33572 [ACK] Seq=14601 Ack=582 Win=30464 Len=1460 [TCP segment of a reassembled PDU]
Frame 125: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: IntelCor_42:70:89 (48:f1:7f:42:70:89), Dst: Rosewill_12:2b:0f (68:1c:a2:12:2b:0f)
Internet Protocol Version 4, Src: 192.168.3.153, Dst: 146.66.71.198
Transmission Control Protocol, Src Port: 33572, Dst Port: 80, Seq: 0, Len: 0
Source Port: 33572
Destination Port: 80
[Stream index: 12]
[TCP Segment Len: 0]
Sequence number: 0 (relative sequence number)
[Next sequence number: 0 (relative sequence number)]
Acknowledgment number: 0
1000 .... = Header Length: 32 bytes (8)


icmp
No. Time Source Destination Protocol Lengt Info
33 29.633524 192.168.43.241 142.104.75.58 ICMP 74 Echo (ping) request id=0x0001, seq=289/8449, ttl=128 (reply ..
34 30.249428 142.104.75.58 192.168.43.241 ICMP 74 Echo (ping) reply id=0x0001, seq=289/8449, ttl=41 (request..
40 30.641976 192.168.43.241 142.104.75.58 ICMP 74 Echo (ping) request id=0x0001, seq=290/8705, ttl=128 (reply ..
46 31.289199 142.104.75.58 192.168.43.241 ICMP 74 Echo (ping) reply id=0x0001, seq=290/8705, ttl=41 (request..
47 31.649021 192.168.43.241 142.104.75.58 ICMP 74 Echo (ping) request id=0x0001, seq=291/8961, ttl=128 (reply ..
49 32.169936 142.104.75.58 192.168.43.241 ICMP 74 Echo (ping) reply id=0x0001, seq=291/8961, ttl=41 (request..
50 32.654228 192.168.43.241 142.104.75.58 ICMP 74 Echo (ping) request id=0x0001, seq=292/9217, ttl=128 (reply ..
51 33.129417 142.104.75.58 192.168.43.241 ICMP 74 Echo (ping) reply id=0x0001, seq=292/9217, ttl=41 (request..
52 33.682669 192.168.43.241 142.104.75.58 ICMP 74 Echo (ping) request id=0x0001, seq=293/9473, ttl=128 (reply ..
53 34.098728 142.104.75.58 192.168.43.241 ICMP 74 Echo (ping) reply id=0x0001, seq=293/9473, ttl=41 (request..
54 34.695329 192.168.43.241 142.104.75.58 ICMP 74 Echo (ping) request id=0x0001, seq=294/9729, ttl=128 (reply ..
55 35.054650 142.104.75.58 192.168.43.241 ICMP 74 Echo (ping) reply id=0x0001, seq=294/9729, ttl=41 (request..
Frame 34: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface \Device\NPF_{AAF6E947-B498-45AE-9916-FE3CA0C32315}, id 0
Interface id: 0 (\Device\NPF_{AAF6E947-B498-45AE-9916-FE3CA0C32315})
Encapsulation type: Ethernet (1)
Arrival Time: Apr 28, 2020 01:40:30.839977000 India Standard Time
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1588018230.839977000 seconds
[Time delta from previous captured frame: 0.615904000 seconds]
[Time delta from previous displayed frame: 0.615904000 seconds]
[Time since reference or first frame: 30.249428000 seconds]
Frame Number: 34
Frame Length: 74 bytes (592 bits)
Capture Length: 74 bytes (592 bits)
[Frame is marked: False]
0000 d0 c5 d3 3c 97 91 64 db 43 d8 fc 58 08 00 45 20
0010 00 3c 68 b7 00 00 29 01 62 ae 8e 68 4b 3a c0 a8
0020 2b f1 00 00 54 3a 00 01 01 21 61 62 63 64 65 66
0030 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76
0040 77 61 62 63 64 65 66 67 68 69
Activate Windows
Go to Settings to activate Windows.
Internet Control Message Protocol: Protocol
Packets: 73 · Displayed: 20 (27.4%) · Dropped: 0 (0.0%)
Profile: Default


Wireshark_ARP.pcapng [Wireshark 1.12.0 (v1.12.0-0-g4fab41a from master-1.12)]
File Edit View Go Capture Analyze Statistics Telephony Tools Internals Help
Filter: arp
Expression... Clear Apply Save
No. Time Source Destination Protocol Length Info
36 34.9672870 00:09:0f:0c:57:d2 Broadcast ARP 60 who has 10.133.0.37? Tell 10.133.0.1
37 35.9625310 00:09:0f:0c:57:d2 Broadcast ARP 60 who has 10.133.0.37? Tell 10.133.0.1
38 36.9622490 00:09:0f:0c:57:d2 Broadcast ARP 60 who has 10.133.0.37? Tell 10.133.0.1
48 40.4972620 00:09:0f:0c:57:d2 Broadcast ARP 60 who has 10.133.0.37? Tell 10.133.0.1
50 41.4918240 00:09:0f:0c:57:d2 Broadcast ARP 60 who has 10.133.0.37? Tell 10.133.0.1
51 42.4917310 00:09:0f:0c:57:d2 Broadcast ARP 60 who has 10.133.0.37? Tell 10.133.0.1
52 46.8113240 00:09:0f:0c:57:d2 Broadcast ARP 60 who has 10.133.0.37? Tell 10.133.0.1
53 47.8112850 00:09:0f:0c:57:d2 Broadcast ARP 60 who has 10.133.0.37? Tell 10.133.0.1
54 48.6983570 9c:4e:36:d5:0d:d4 Broadcast ARP 42 who has 10.133.0.1? Tell 10.133.0.79
55 48.7020190 00:09:0f:0c:57:d2 9c:4e:36:d5:0d:d4 ARP 60 10.133.0.1 is at 00:09:0f:0c:57:d2
56 48.8211110 00:09:0f:0c:57:d2 Broadcast ARP 60 who has 10.133.0.37? Tell 10.133.0.1
61 59.5484280 00:09:0f:0c:57:d2 Broadcast ARP 60 who has 10.133.0.37? Tell 10.133.0.1
62 60.4501790 00:09:0f:0c:57:d2 Broadcast ARP 60 who has 10.133.0.37? Tell 10.133.0.1
64 61.4500700 00:09:0f:0c:57:d2 Broadcast ARP 60 who has 10.133.0.37? Tell 10.133.0.1
Frame 54: 42 bytes on wire (336 bits), 42 bytes captured (336 bits) on interface 0
Ethernet II, Src: 9c:4e:36:d5:0d:d4 (9c:4e:36:d5:0d:d4), Dst: Broadcast (ff:ff:ff:ff:ff:ff)
Address Resolution Protocol (request)
0000 ff ff ff ff ff ff 9c 4e 36 d5 0d d4 08 06 00 01 .....N 6.....
0010 08 00 06 04 00 01 9c 4e 36 d5 0d d4 0a 85 00 4f .....N 6.....O
0020 00 00 00 00 00 00 0a 85 00 01 ..... ..