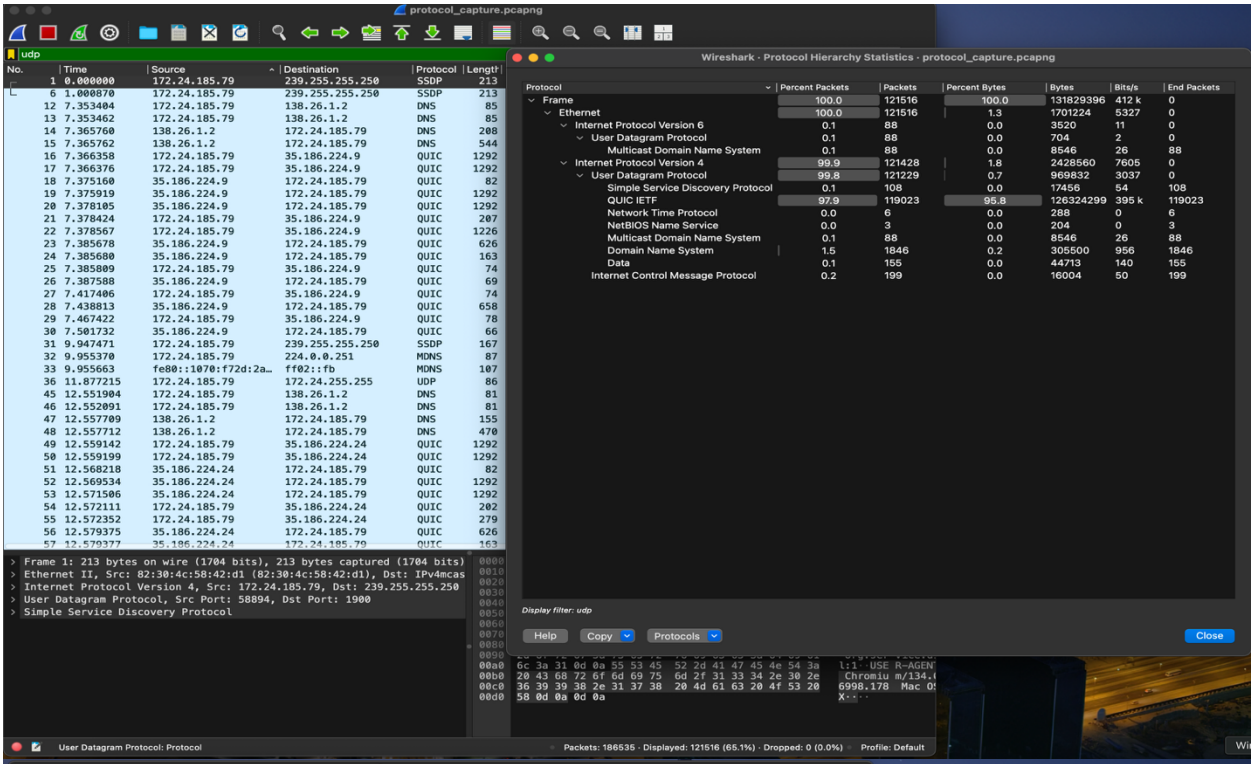
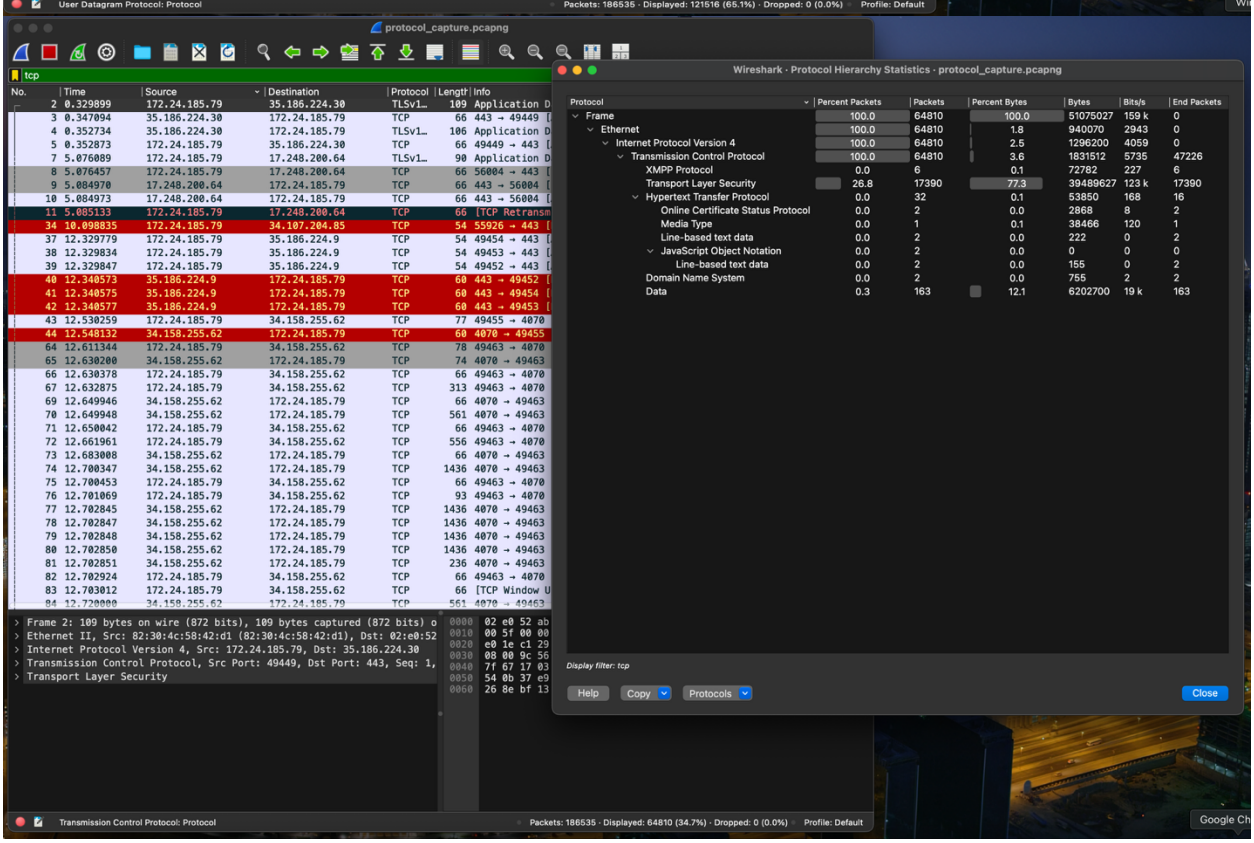
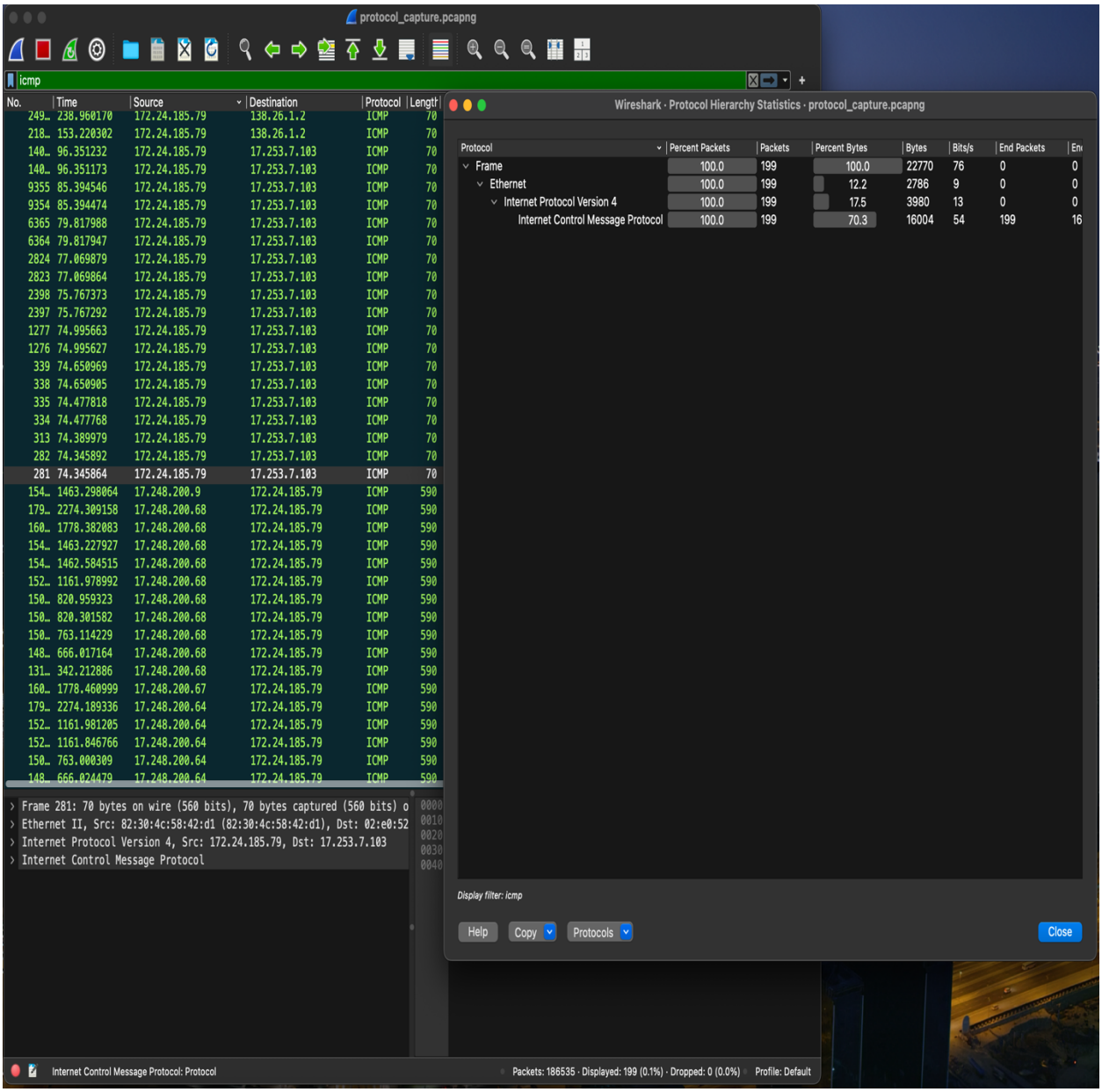
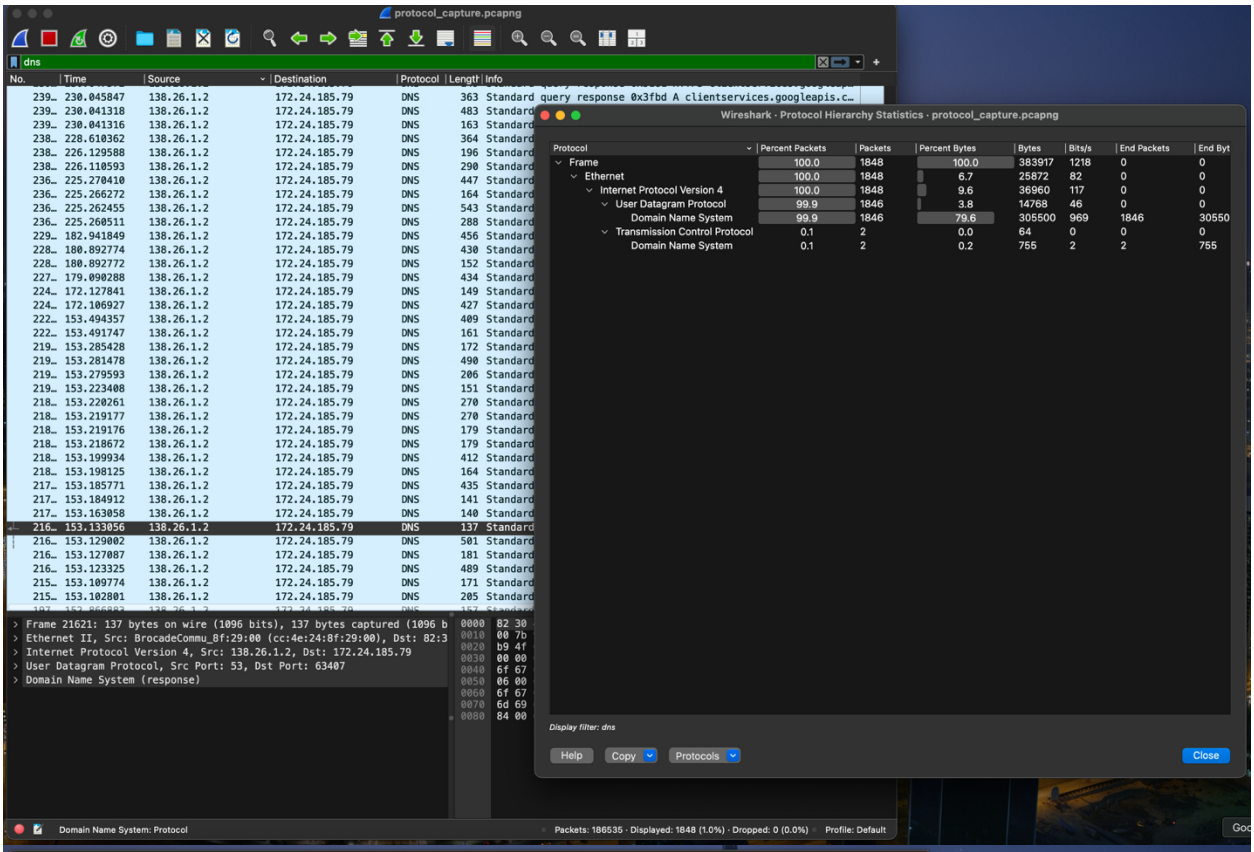
CS 334 (Networking) Lab Assignment 04 Heet Shah (Hshah2)

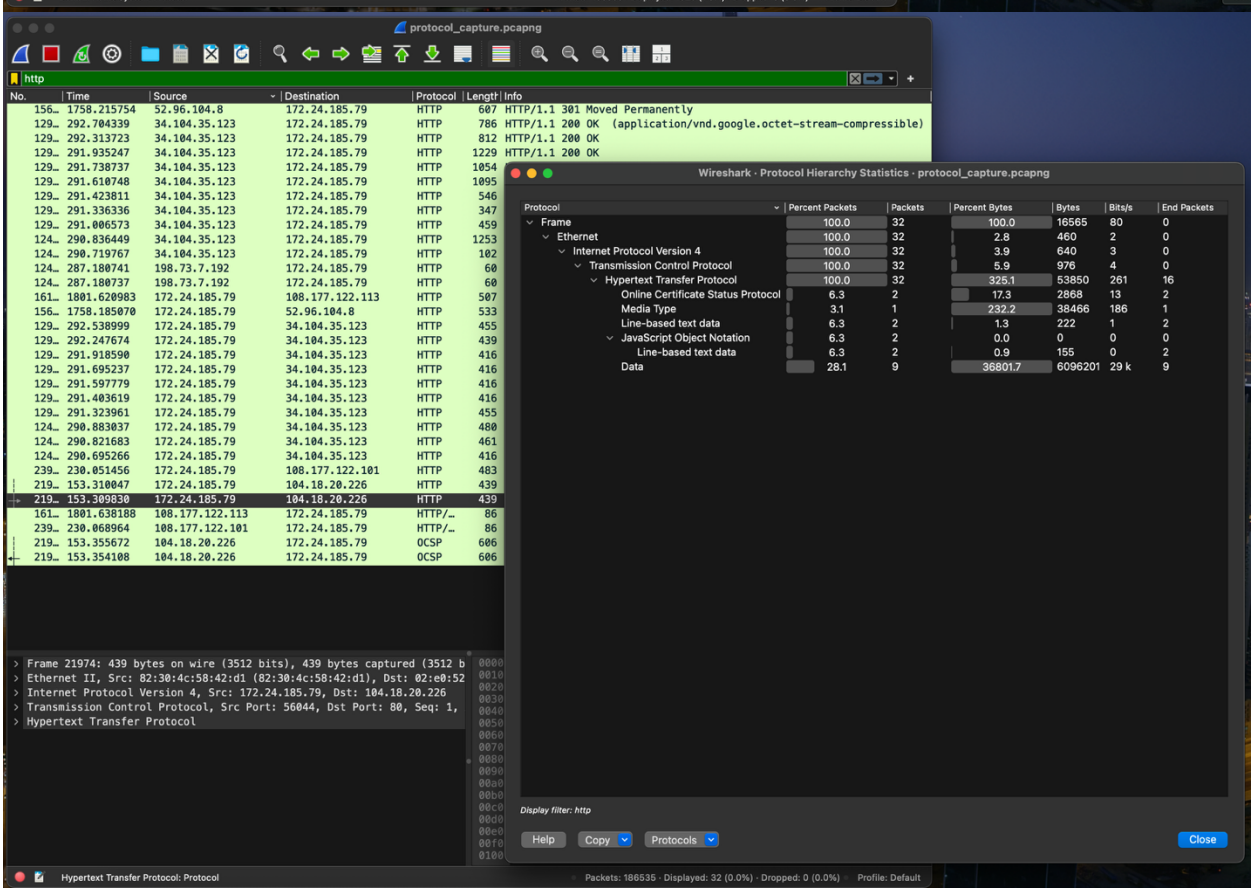
- TASK1






protocol_capture.pcapng
icmp
No. Time Source Destination Protocol Length
249… 238.960170 172.24.185.79 138.26.1.2 ICMP 70
218… 153.220302 172.24.185.79 138.26.1.2 ICMP 70
140… 96.351232 172.24.185.79 17.253.7.103 ICMP 70
140… 96.351173 172.24.185.79 17.253.7.103 ICMP 70
9355 85.394546 172.24.185.79 17.253.7.103 ICMP 70
9354 85.394474 172.24.185.79 17.253.7.103 ICMP 70
6365 79.817988 172.24.185.79 17.253.7.103 ICMP 70
6364 79.817947 172.24.185.79 17.253.7.103 ICMP 70
2824 77.069879 172.24.185.79 17.253.7.103 ICMP 70
2823 77.069864 172.24.185.79 17.253.7.103 ICMP 70
2398 75.767373 172.24.185.79 17.253.7.103 ICMP 70
2397 75.767292 172.24.185.79 17.253.7.103 ICMP 70
1277 74.995663 172.24.185.79 17.253.7.103 ICMP 70
1276 74.995627 172.24.185.79 17.253.7.103 ICMP 70
339 74.650969 172.24.185.79 17.253.7.103 ICMP 70
338 74.650905 172.24.185.79 17.253.7.103 ICMP 70
335 74.477818 172.24.185.79 17.253.7.103 ICMP 70
334 74.477768 172.24.185.79 17.253.7.103 ICMP 70
313 74.389979 172.24.185.79 17.253.7.103 ICMP 70
282 74.345892 172.24.185.79 17.253.7.103 ICMP 70
281 74.345864 172.24.185.79 17.253.7.103 ICMP 70
154… 1463.298064 17.248.200.9 172.24.185.79 ICMP 590
179… 2274.309158 17.248.200.68 172.24.185.79 ICMP 590
160… 1778.382083 17.248.200.68 172.24.185.79 ICMP 590
154… 1463.227927 17.248.200.68 172.24.185.79 ICMP 590
154… 1462.584515 17.248.200.68 172.24.185.79 ICMP 590
152… 1161.978992 17.248.200.68 172.24.185.79 ICMP 590
150… 820.959323 17.248.200.68 172.24.185.79 ICMP 590
150… 820.301582 17.248.200.68 172.24.185.79 ICMP 590
150… 763.114229 17.248.200.68 172.24.185.79 ICMP 590
148… 666.017164 17.248.200.68 172.24.185.79 ICMP 590
131… 342.212886 17.248.200.68 172.24.185.79 ICMP 590
160… 1778.460999 17.248.200.67 172.24.185.79 ICMP 590
179… 2274.189336 17.248.200.64 172.24.185.79 ICMP 590
152… 1161.981205 17.248.200.64 172.24.185.79 ICMP 590
152… 1161.846766 17.248.200.64 172.24.185.79 ICMP 590
150… 763.000309 17.248.200.64 172.24.185.79 ICMP 590
148… 666.024479 17.248.200.64 172.24.185.79 ICMP 590
Frame 281: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) o
Ethernet II, Src: 82:30:4c:58:42:d1 (82:30:4c:58:42:d1), Dst: 02:e0:52
Internet Protocol Version 4, Src: 172.24.185.79, Dst: 17.253.7.103
Internet Control Message Protocol
0000
0010
0020
0030
0040
Wireshark · Protocol Hierarchy Statistics · protocol_capture.pcapng
Protocol Percent Packets Packets Percent Bytes Bytes Bits/s End Packets
Frame 100.0 199 100.0 22770 76 0 0
Ethernet 100.0 199 12.2 2786 9 0 0
Internet Protocol Version 4 100.0 199 17.5 3980 13 0 0
Internet Control Message Protocol 100.0 199 70.3 16004 54 199 16
Display filter: icmp
Help
Copy
Protocols
Close
Internet Control Message Protocol: Protocol
Packets: 186535 · Displayed: 199 (0.1%) · Dropped: 0 (0.0%)
Profile: Default


protocol_capture.pcapng
dns
No. Time Source Destination Protocol Length Info
239… 230.045847 138.26.1.2 172.24.185.79 DNS 363 Standard query response 0x3fbd A clientservices.googleapis.c…
239… 230.041318 138.26.1.2 172.24.185.79 DNS 483 Standard
239… 230.041316 138.26.1.2 172.24.185.79 DNS 163 Standard
238… 228.610362 138.26.1.2 172.24.185.79 DNS 364 Standard
238… 226.129588 138.26.1.2 172.24.185.79 DNS 196 Standard
238… 226.110593 138.26.1.2 172.24.185.79 DNS 290 Standard
236… 225.270410 138.26.1.2 172.24.185.79 DNS 447 Standard
236… 225.266272 138.26.1.2 172.24.185.79 DNS 164 Standard
236… 225.262455 138.26.1.2 172.24.185.79 DNS 543 Standard
236… 225.260511 138.26.1.2 172.24.185.79 DNS 288 Standard
229… 182.941849 138.26.1.2 172.24.185.79 DNS 456 Standard
228… 180.892774 138.26.1.2 172.24.185.79 DNS 430 Standard
228… 180.892772 138.26.1.2 172.24.185.79 DNS 152 Standard
227… 179.090288 138.26.1.2 172.24.185.79 DNS 434 Standard
224… 172.127841 138.26.1.2 172.24.185.79 DNS 149 Standard
224… 172.106927 138.26.1.2 172.24.185.79 DNS 427 Standard
222… 153.494357 138.26.1.2 172.24.185.79 DNS 409 Standard
222… 153.491747 138.26.1.2 172.24.185.79 DNS 161 Standard
219… 153.285428 138.26.1.2 172.24.185.79 DNS 172 Standard
219… 153.281478 138.26.1.2 172.24.185.79 DNS 490 Standard
219… 153.279593 138.26.1.2 172.24.185.79 DNS 206 Standard
219… 153.223408 138.26.1.2 172.24.185.79 DNS 151 Standard
218… 153.220261 138.26.1.2 172.24.185.79 DNS 270 Standard
218… 153.219177 138.26.1.2 172.24.185.79 DNS 270 Standard
218… 153.219176 138.26.1.2 172.24.185.79 DNS 179 Standard
218… 153.218672 138.26.1.2 172.24.185.79 DNS 179 Standard
218… 153.199934 138.26.1.2 172.24.185.79 DNS 412 Standard
218… 153.198125 138.26.1.2 172.24.185.79 DNS 164 Standard
217… 153.185771 138.26.1.2 172.24.185.79 DNS 435 Standard
217… 153.184912 138.26.1.2 172.24.185.79 DNS 141 Standard
217… 153.163058 138.26.1.2 172.24.185.79 DNS 140 Standard
216… 153.133056 138.26.1.2 172.24.185.79 DNS 137 Standard
216… 153.129002 138.26.1.2 172.24.185.79 DNS 501 Standard
216… 153.127087 138.26.1.2 172.24.185.79 DNS 181 Standard
216… 153.123325 138.26.1.2 172.24.185.79 DNS 489 Standard
215… 153.109774 138.26.1.2 172.24.185.79 DNS 171 Standard
215… 153.102801 138.26.1.2 172.24.185.79 DNS 205 Standard
Frame 21621: 137 bytes on wire (1096 bits), 137 bytes captured (1096 b
Ethernet II, Src: BrocadeCommu_8f:29:00 (cc:4e:24:8f:29:00), Dst: 82:3
Internet Protocol Version 4, Src: 138.26.1.2, Dst: 172.24.185.79
User Datagram Protocol, Src Port: 53, Dst Port: 63407
Domain Name System (response)
0000 82 30
0010 00 7b
0020 b9 4f
0030 00 00
0040 6f 67
0050 06 00
0060 6f 67
0070 6d 69
0080 84 00
Wireshark · Protocol Hierarchy Statistics · protocol_capture.pcapng
Protocol Percent Packets Packets Percent Bytes Bytes Bits/s End Packets End Byt
Frame 100.0 1848 100.0 383917 1218 0 0
Ethernet 100.0 1848 6.7 25872 82 0 0
Internet Protocol Version 4 100.0 1848 9.6 36960 117 0 0
User Datagram Protocol 99.9 1846 3.8 14768 46 0 0
Domain Name System 99.9 1846 79.6 305500 969 1846 30550
Transmission Control Protocol 0.1 2 0.0 64 0 0 0
Domain Name System 0.1 2 0.2 755 2 2 755
Display filter: dns
Help Copy Protocols Close
Domain Name System: Protocol
Packets: 186535 · Displayed: 1848 (1.0%) · Dropped: 0 (0.0%) Profile: Default


protocol_capture.pcapng
http
No. Time Source Destination Protocol Length Info
156… 1758.215754 52.96.104.8 172.24.185.79 HTTP 607 HTTP/1.1 301 Moved Permanently
129… 292.704339 34.104.35.123 172.24.185.79 HTTP 786 HTTP/1.1 200 OK (application/vnd.google.octet-stream-compressible)
129… 292.313723 34.104.35.123 172.24.185.79 HTTP 812 HTTP/1.1 200 OK
129… 291.935247 34.104.35.123 172.24.185.79 HTTP 1229 HTTP/1.1 200 OK
129… 291.738737 34.104.35.123 172.24.185.79 HTTP 1054
129… 291.610748 34.104.35.123 172.24.185.79 HTTP 1095
129… 291.423811 34.104.35.123 172.24.185.79 HTTP 546
129… 291.336336 34.104.35.123 172.24.185.79 HTTP 347
129… 291.006573 34.104.35.123 172.24.185.79 HTTP 459
124… 290.836449 34.104.35.123 172.24.185.79 HTTP 1253
124… 290.719767 34.104.35.123 172.24.185.79 HTTP 102
124… 287.180741 198.73.7.192 172.24.185.79 HTTP 60
124… 287.180737 198.73.7.192 172.24.185.79 HTTP 60
161… 1801.620983 172.24.185.79 108.177.122.113 HTTP 507
156… 1758.185070 172.24.185.79 52.96.104.8 HTTP 533
129… 292.538999 172.24.185.79 34.104.35.123 HTTP 455
129… 292.247674 172.24.185.79 34.104.35.123 HTTP 439
129… 291.918590 172.24.185.79 34.104.35.123 HTTP 416
129… 291.695237 172.24.185.79 34.104.35.123 HTTP 416
129… 291.597779 172.24.185.79 34.104.35.123 HTTP 416
129… 291.403619 172.24.185.79 34.104.35.123 HTTP 416
129… 291.323961 172.24.185.79 34.104.35.123 HTTP 455
124… 290.883037 172.24.185.79 34.104.35.123 HTTP 480
124… 290.821683 172.24.185.79 34.104.35.123 HTTP 461
124… 290.695266 172.24.185.79 34.104.35.123 HTTP 416
239… 230.051456 172.24.185.79 108.177.122.101 HTTP 483
219… 153.310047 172.24.185.79 104.18.20.226 HTTP 439
219… 153.309830 172.24.185.79 104.18.20.226 HTTP 439
161… 1801.638188 108.177.122.113 172.24.185.79 HTTP/… 86
239… 230.068964 108.177.122.101 172.24.185.79 HTTP/… 86
219… 153.355672 104.18.20.226 172.24.185.79 OCSP 606
219… 153.354108 104.18.20.226 172.24.185.79 OCSP 606
Frame 21974: 439 bytes on wire (3512 bits), 439 bytes captured (3512 b
Ethernet II, Src: 82:30:4c:58:42:d1 (82:30:4c:58:42:d1), Dst: 02:e0:52
Internet Protocol Version 4, Src: 172.24.185.79, Dst: 104.18.20.226
Transmission Control Protocol, Src Port: 56044, Dst Port: 80, Seq: 1,
Hypertext Transfer Protocol
Wireshark · Protocol Hierarchy Statistics · protocol_capture.pcapng
Protocol Percent Packets Packets Percent Bytes Bytes Bits/s End Packets
Frame 100.0 32 100.0 16565 80 0
Ethernet 100.0 32 2.8 460 2 0
Internet Protocol Version 4 100.0 32 3.9 640 3 0
Transmission Control Protocol 100.0 32 5.9 976 4 0
Hypertext Transfer Protocol 100.0 32 325.1 53850 261 16
Online Certificate Status Protocol 6.3 2 17.3 2868 13 2
Media Type 3.1 1 232.2 38466 186 1
Line-based text data 6.3 2 1.3 222 1 2
JavaScript Object Notation 6.3 2 0.0 0 0 0
Line-based text data 6.3 2 0.9 155 0 2
Data 28.1 9 36801.7 6096201 29 k 9
Display filter: http
Help Copy Protocols Close
Hypertext Transfer Protocol: Protocol
Packets: 186535 · Displayed: 32 (0.0%) · Dropped: 0 (0.0%) Profile: Default

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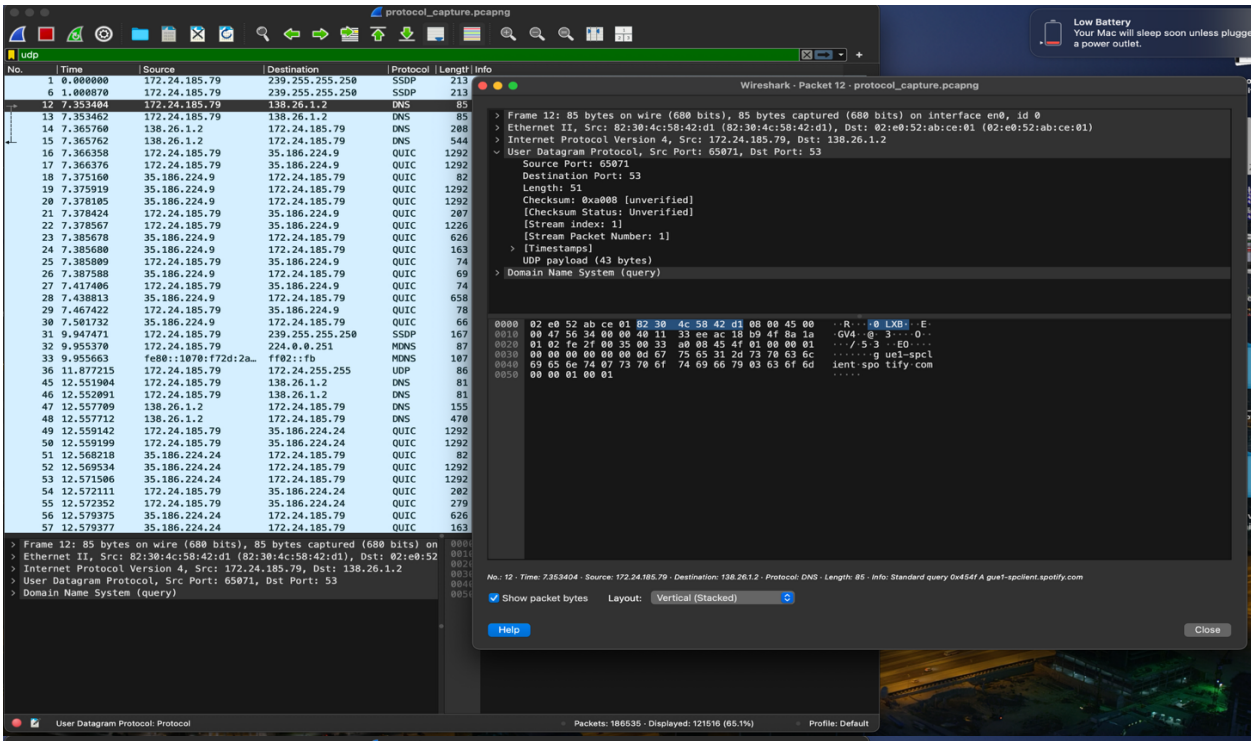
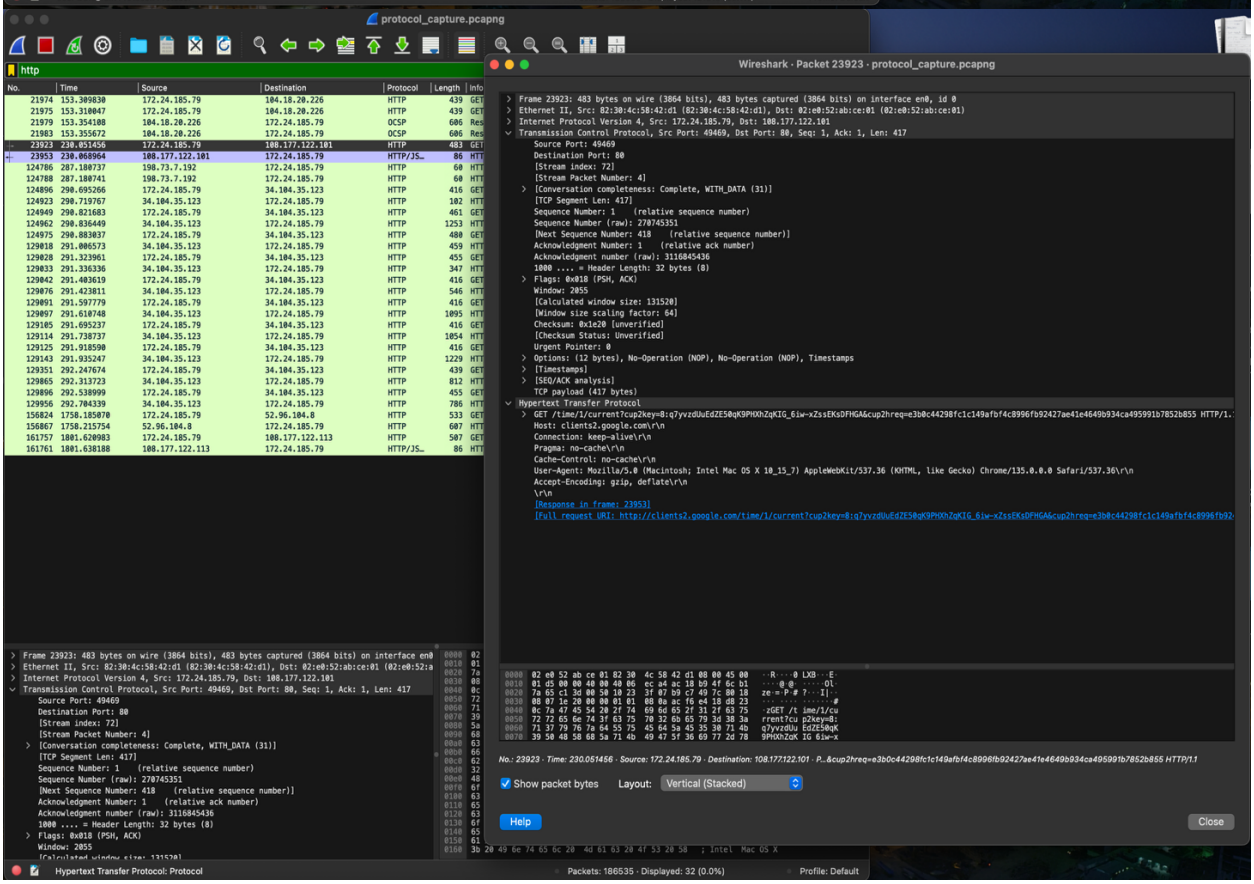
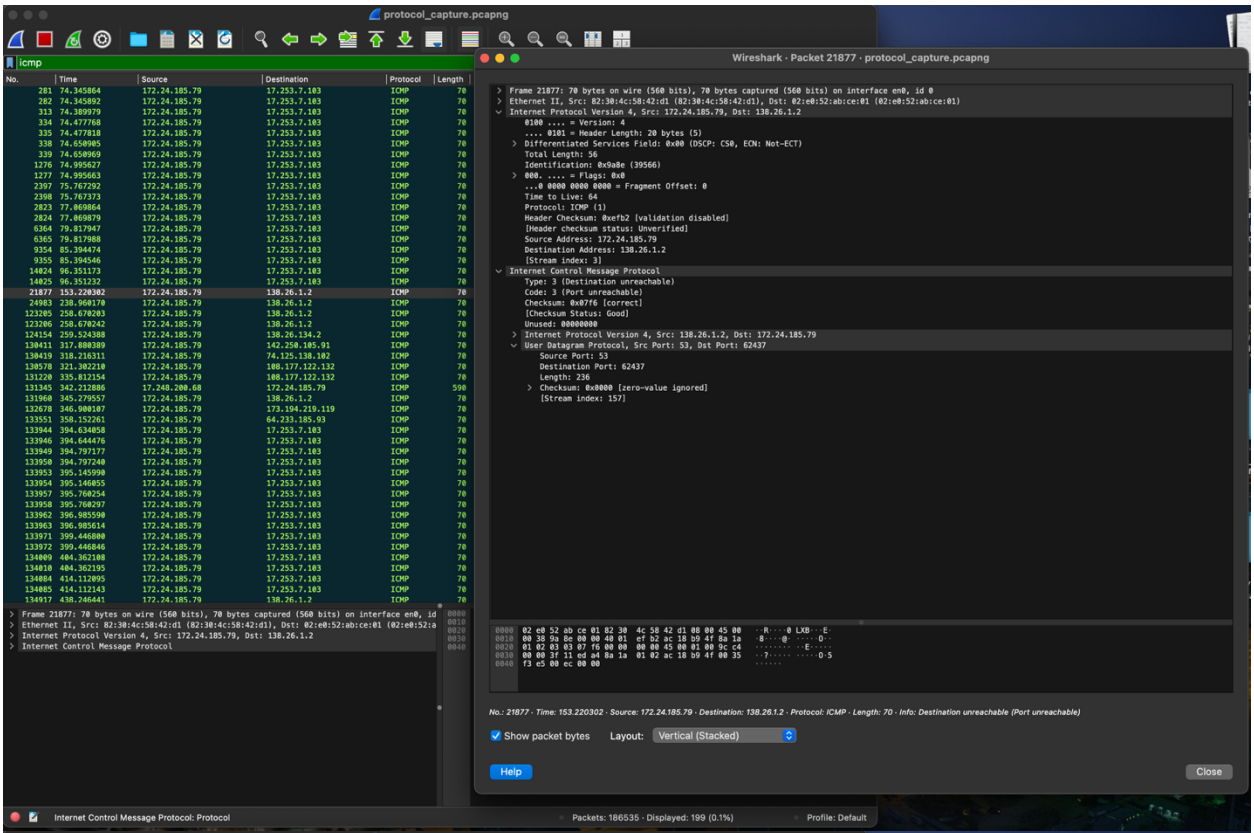
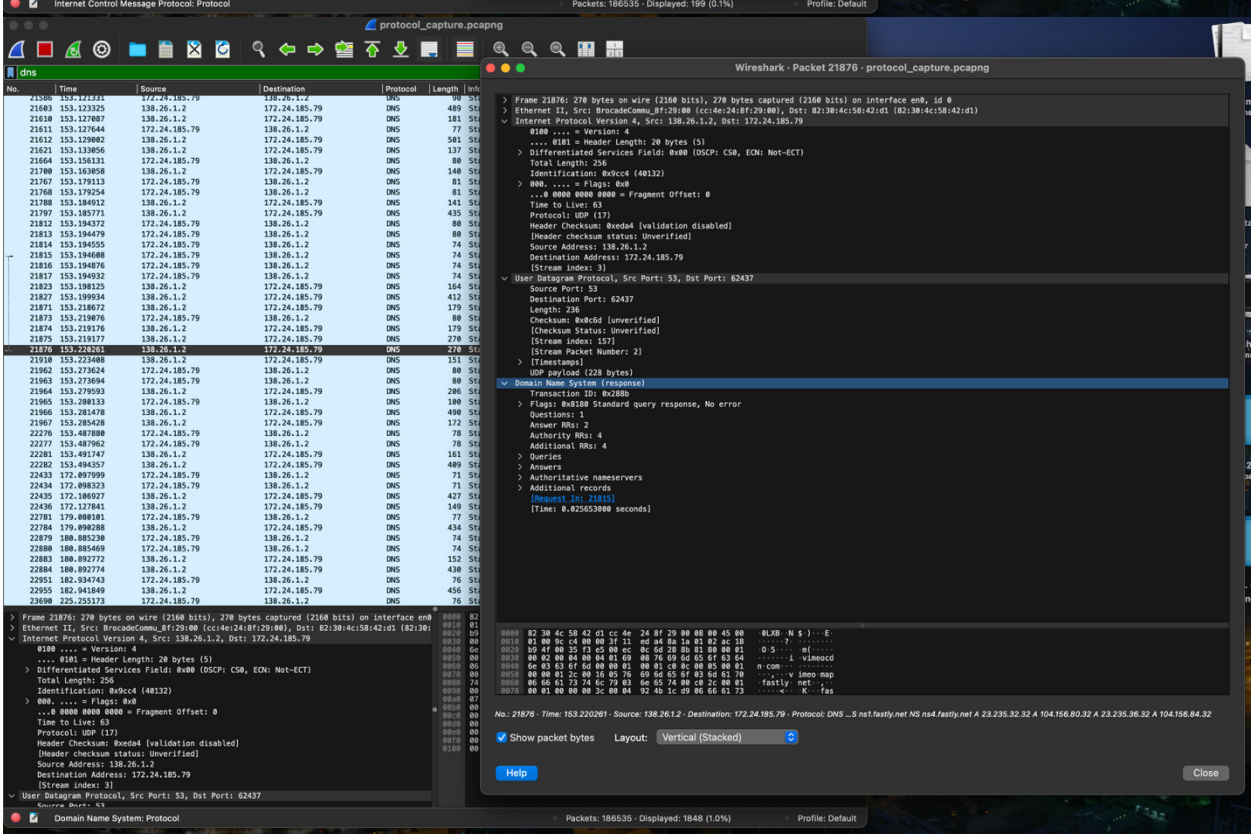
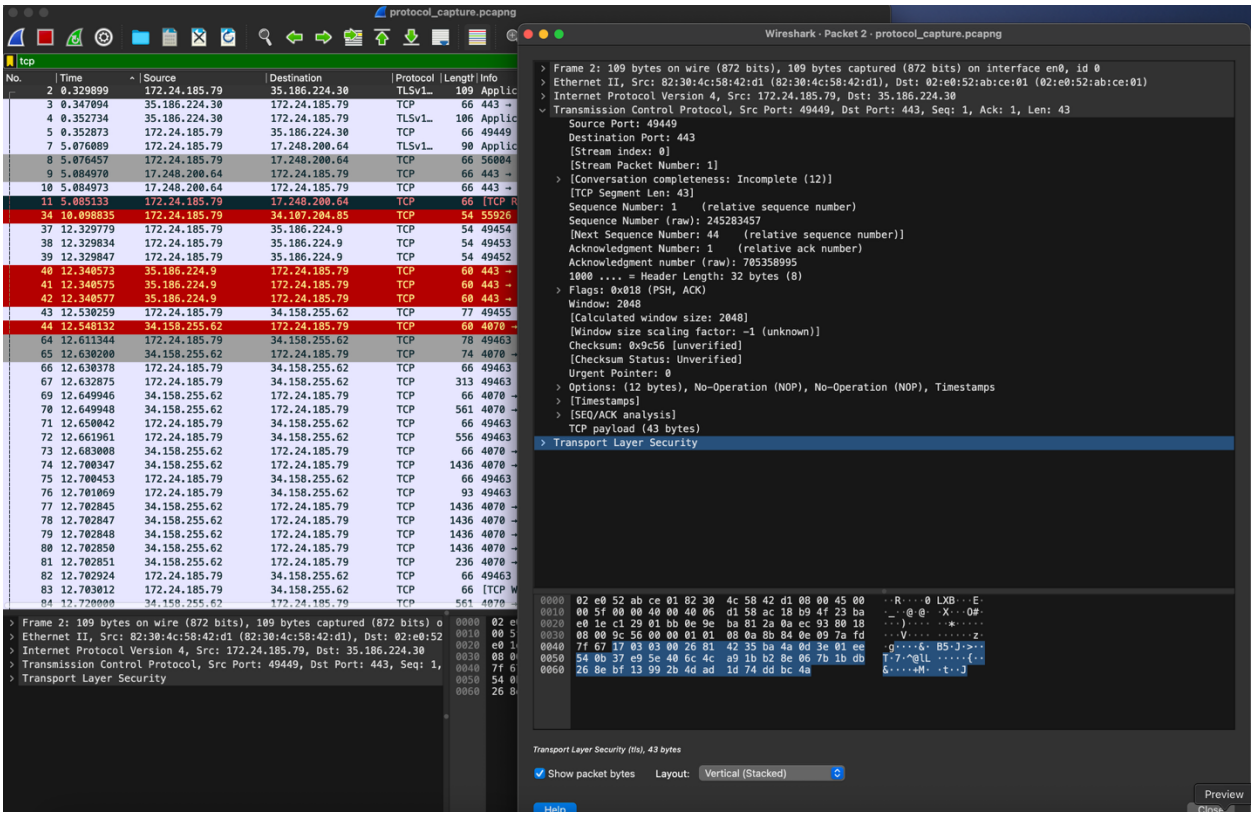
- TASK2


protocol_capture.pcapng
udp
Wireshark · Packet 12 · protocol_capture.pcapng
Frame 12: 85 bytes on wire (680 bits), 85 bytes captured (680 bits) on interface en0, id 0
Ethernet II, Src: 82:30:4c:58:42:d1 (82:30:4c:58:42:d1), Dst: 02:e0:52:ab:ce:01 (02:e0:52:ab:ce:01)
Internet Protocol Version 4, Src: 172.24.185.79, Dst: 138.26.1.2
User Datagram Protocol, Src Port: 65071, Dst Port: 53
Source Port: 65071
Destination Port: 53
Length: 51
Checksum: 0xa008 [unverified]
[Checksum Status: Unverified]
[Stream index: 1]
[Stream Packet Number: 1]
[Timestamps]
UDP payload (43 bytes)
Domain Name System (query)
Show packet bytes
Layout: Vertical (Stacked)
Help
Close


protocol_capture.pcapng
http
Wireshark · Packet 23923 · protocol_capture.pcapng
Frame 23923: 483 bytes on wire (3864 bits), 483 bytes captured (3864 bits) on interface en0, id 0
Ethernet II, Src: 82:30:4c:58:42:d1 (82:30:4c:58:42:d1), Dst: 02:e0:52:ab:ce:01 (02:e0:52:ab:ce:01)
Internet Protocol Version 4, Src: 172.24.185.79, Dst: 108.177.122.101
Transmission Control Protocol, Src Port: 49469, Dst Port: 80, Seq: 1, Ack: 1, Len: 417
Hypertext Transfer Protocol
Show packet bytes
Layout: Vertical (Stacked)
Help
Close

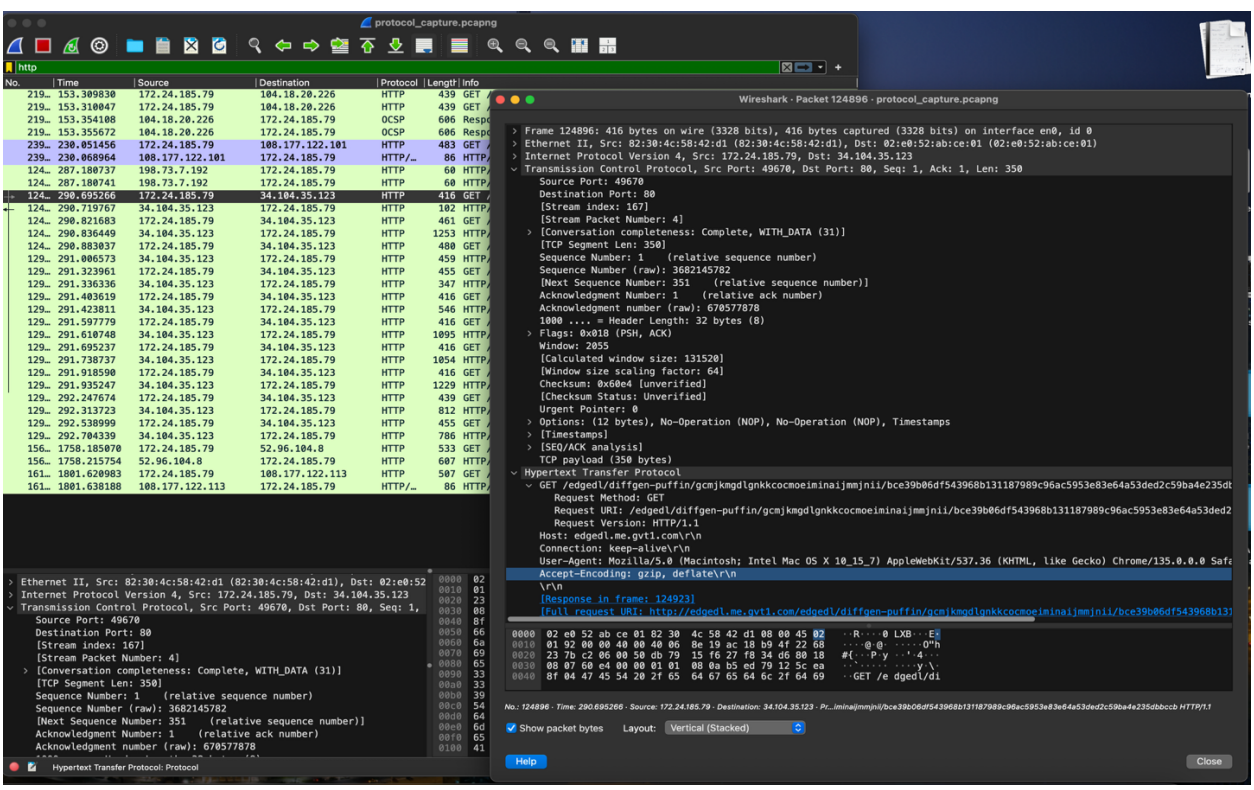

protocol_capture.pcapng
icmp
No. Time Source Destination Protocol Length
281 74.345864 172.24.185.79 17.253.7.103 ICMP 70
282 74.345892 172.24.185.79 17.253.7.103 ICMP 70
313 74.389979 172.24.185.79 17.253.7.103 ICMP 70
334 74.477768 172.24.185.79 17.253.7.103 ICMP 70
335 74.477818 172.24.185.79 17.253.7.103 ICMP 70
338 74.650905 172.24.185.79 17.253.7.103 ICMP 70
339 74.650969 172.24.185.79 17.253.7.103 ICMP 70
1276 74.995627 172.24.185.79 17.253.7.103 ICMP 70
1277 74.995663 172.24.185.79 17.253.7.103 ICMP 70
2397 75.767292 172.24.185.79 17.253.7.103 ICMP 70
2398 75.767373 172.24.185.79 17.253.7.103 ICMP 70
2823 77.869864 172.24.185.79 17.253.7.103 ICMP 70
2824 77.869879 172.24.185.79 17.253.7.103 ICMP 70
6364 79.817947 172.24.185.79 17.253.7.103 ICMP 70
6365 79.817988 172.24.185.79 17.253.7.103 ICMP 70
9354 85.394474 172.24.185.79 17.253.7.103 ICMP 70
9355 85.394546 172.24.185.79 17.253.7.103 ICMP 70
14024 96.351173 172.24.185.79 17.253.7.103 ICMP 70
14025 96.351232 172.24.185.79 17.253.7.103 ICMP 70
21877 153.220302 172.24.185.79 138.26.1.2 ICMP 70
24983 238.960170 172.24.185.79 138.26.1.2 ICMP 70
123205 258.670203 172.24.185.79 138.26.1.2 ICMP 70
123206 258.670242 172.24.185.79 138.26.1.2 ICMP 70
124154 259.524388 172.24.185.79 138.26.134.2 ICMP 70
130411 317.800309 172.24.185.79 142.250.105.91 ICMP 70
130419 318.216311 172.24.185.79 74.125.138.102 ICMP 70
130578 321.302210 172.24.185.79 108.177.122.132 ICMP 70
131220 335.812154 172.24.185.79 108.177.122.132 ICMP 70
131345 342.212886 17.248.200.68 172.24.185.79 ICMP 590
131960 345.279557 172.24.185.79 138.26.1.2 ICMP 70
132678 346.900107 172.24.185.79 173.194.219.119 ICMP 70
133551 358.152261 172.24.185.79 64.233.185.93 ICMP 70
133944 394.634058 172.24.185.79 17.253.7.103 ICMP 70
133946 394.644476 172.24.185.79 17.253.7.103 ICMP 70
133949 394.797177 172.24.185.79 17.253.7.103 ICMP 70
133950 394.797240 172.24.185.79 17.253.7.103 ICMP 70
133953 395.145990 172.24.185.79 17.253.7.103 ICMP 70
133954 395.146055 172.24.185.79 17.253.7.103 ICMP 70
133957 395.760254 172.24.185.79 17.253.7.103 ICMP 70
133958 395.760297 172.24.185.79 17.253.7.103 ICMP 70
133962 396.985590 172.24.185.79 17.253.7.103 ICMP 70
133963 396.985614 172.24.185.79 17.253.7.103 ICMP 70
133971 399.446800 172.24.185.79 17.253.7.103 ICMP 70
133972 399.446846 172.24.185.79 17.253.7.103 ICMP 70
134009 404.362108 172.24.185.79 17.253.7.103 ICMP 70
134010 404.362195 172.24.185.79 17.253.7.103 ICMP 70
134084 414.112095 172.24.185.79 17.253.7.103 ICMP 70
134085 414.112143 172.24.185.79 17.253.7.103 ICMP 70
134917 438.246441 172.24.185.79 138.26.1.2 ICMP 70
Frame 21877: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface en0, id
Ethernet II, Src: 82:30:4c:58:42:d1 (82:30:4c:58:42:d1), Dst: 02:e0:52:ab:ce:01 (02:e0:52:a
Internet Protocol Version 4, Src: 172.24.185.79, Dst: 138.26.1.2
Internet Control Message Protocol
Wireshark · Packet 21877 · protocol_capture.pcapng
Frame 21877: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface en0, id 0
Ethernet II, Src: 82:30:4c:58:42:d1 (82:30:4c:58:42:d1), Dst: 02:e0:52:ab:ce:01 (02:e0:52:ab:ce:01)
Internet Protocol Version 4, Src: 172.24.185.79, Dst: 138.26.1.2
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 56
Identification: 0x9a8e (39566)
000. .... = Flags: 0x0
...0 0000 0000 0000 = Fragment Offset: 0
Time to Live: 64
Protocol: ICMP (1)
Header Checksum: 0xefb2 [validation disabled]
[Header checksum status: Unverified]
Source Address: 172.24.185.79
Destination Address: 138.26.1.2
[Stream index: 3]
Internet Control Message Protocol
Type: 3 (Destination unreachable)
Code: 3 (Port unreachable)
Checksum: 0x0776 [correct]
[Checksum Status: Good]
Unused: 00000000
Internet Protocol Version 4, Src: 138.26.1.2, Dst: 172.24.185.79
User Datagram Protocol, Src Port: 53, Dst Port: 62437
Source Port: 53
Destination Port: 62437
Length: 236
Checksum: 0x0000 [zero-value ignored]
[Stream index: 157]
No.: 21877 · Time: 153.220302 · Source: 172.24.185.79 · Destination: 138.26.1.2 · Protocol: ICMP · Length: 70 · Info: Destination unreachable (Port unreachable)
Show packet bytes
Layout: Vertical (Stacked)
Help
Close
Internet Control Message Protocol: Protocol
Packets: 186535 · Displayed: 199 (0.1%)
Profile: Default


protocol_capture.pcapng
dns
No. Time Source Destination Protocol Length
21876 153.220261 138.26.1.2 172.24.185.79 DNS 270
Frame 21876: 270 bytes on wire (2160 bits), 270 bytes captured (2160 bits) on interface en0
Ethernet II, Src: BrocadeCommu_8f:29:00 (cc:4e:24:8f:29:00), Dst: 82:30:4c:58:42:d1 (82:30:
Internet Protocol Version 4, Src: 138.26.1.2, Dst: 172.24.185.79
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 256
Identification: 0x9cc4 (40132)
000. .... = Flags: 0x0
...0 0000 0000 0000 = Fragment Offset: 0
Time to Live: 63
Protocol: UDP (17)
Header Checksum: 0xeda4 [validation disabled]
[Header checksum status: Unverified]
Source Address: 138.26.1.2
Destination Address: 172.24.185.79
[Stream index: 3]
User Datagram Protocol, Src Port: 53, Dst Port: 62437
Wireshark · Packet 21876 · protocol_capture.pcapng
Frame 21876: 270 bytes on wire (2160 bits), 270 bytes captured (2160 bits) on interface en0, id 0
Ethernet II, Src: BrocadeCommu_8f:29:00 (cc:4e:24:8f:29:00), Dst: 82:30:4c:58:42:d1 (82:30:4c:58:42:d1)
Internet Protocol Version 4, Src: 138.26.1.2, Dst: 172.24.185.79
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 256
Identification: 0x9cc4 (40132)
000. .... = Flags: 0x0
...0 0000 0000 0000 = Fragment Offset: 0
Time to Live: 63
Protocol: UDP (17)
Header Checksum: 0xeda4 [validation disabled]
[Header checksum status: Unverified]
Source Address: 138.26.1.2
Destination Address: 172.24.185.79
[Stream index: 3]
User Datagram Protocol, Src Port: 53, Dst Port: 62437
Source Port: 53
Destination Port: 62437
Length: 236
Checksum: 0x0c6d [unverified]
[Checksum Status: Unverified]
[Stream index: 157]
[Stream Packet Number: 2]
[Timestamps]
UDP payload (228 bytes)
Domain Name System (response)
Transaction ID: 0x288b
Flags: 0x8180 Standard query response, No error
Questions: 1
Answer RRs: 2
Authority RRs: 4
Additional RRs: 4
Queries
Answers
Authoritative nameservers
Additional records
[Request In: 21815]
[Time: 0.025653000 seconds]
No.: 21876 · Time: 153.220261 · Source: 138.26.1.2 · Destination: 172.24.185.79 · Protocol: DNS · Info: S ns1.fastly.net NS ns4.fastly.net A 23.235.32.32 A 104.156.80.32 A 23.235.36.32 A 104.156.84.32
Show packet bytes
Layout: Vertical (Stacked)
Help
Close
Domain Name System: Protocol
Packets: 186535 · Displayed: 1848 (1.0%)
Profile: Default


protocol_capture.pcapng
Wireshark · Packet 2 · protocol_capture.pcapng
Frame 2: 109 bytes on wire (872 bits), 109 bytes captured (872 bits) on interface en0, id 0
Ethernet II, Src: 82:30:4c:58:42:d1 (82:30:4c:58:42:d1), Dst: 02:e0:52:ab:ce:01 (02:e0:52:ab:ce:01)
Internet Protocol Version 4, Src: 172.24.185.79, Dst: 35.186.224.30
Transmission Control Protocol, Src Port: 49449, Dst Port: 443, Seq: 1, Ack: 1, Len: 43
Transport Layer Security

.....

- TASK 3


protocol_capture.pcapng
Wireshark · Packet 124896 · protocol_capture.pcapng
Frame 124896: 416 bytes on wire (3328 bits), 416 bytes captured (3328 bits) on interface en0, id 0
Ethernet II, Src: 82:30:4c:58:42:d1 (82:30:4c:58:42:d1), Dst: 02:e0:52:ab:ce:01 (02:e0:52:ab:ce:01)
Internet Protocol Version 4, Src: 172.24.185.79, Dst: 34.104.35.123
Transmission Control Protocol, Src Port: 49670, Dst Port: 80, Seq: 1, Ack: 1, Len: 350
Hypertext Transfer Protocol

……..

- TASK4

Wireshark · Capture File Properties · protocol_capture.pcapng

Details

File

Name:	/Users/heetshah/CS334/protocol_capture.pcapng
Length:	189 MB
Hash (SHA256):	98a44a15855c1f4ce8ad78b2c0bd34263f3f69a80a8a2ee0950e7212b5d6c03e
Hash (SHA1):	113a4b1ed163721ce0a4d522a30c1a3c7daf6488
Format:	Wireshark/... - pcapng
Encapsulation:	Ethernet

Time

First packet:	2025-04-29 17:55:40
Last packet:	2025-04-29 18:38:15
Elapsed:	00:42:34

Capture

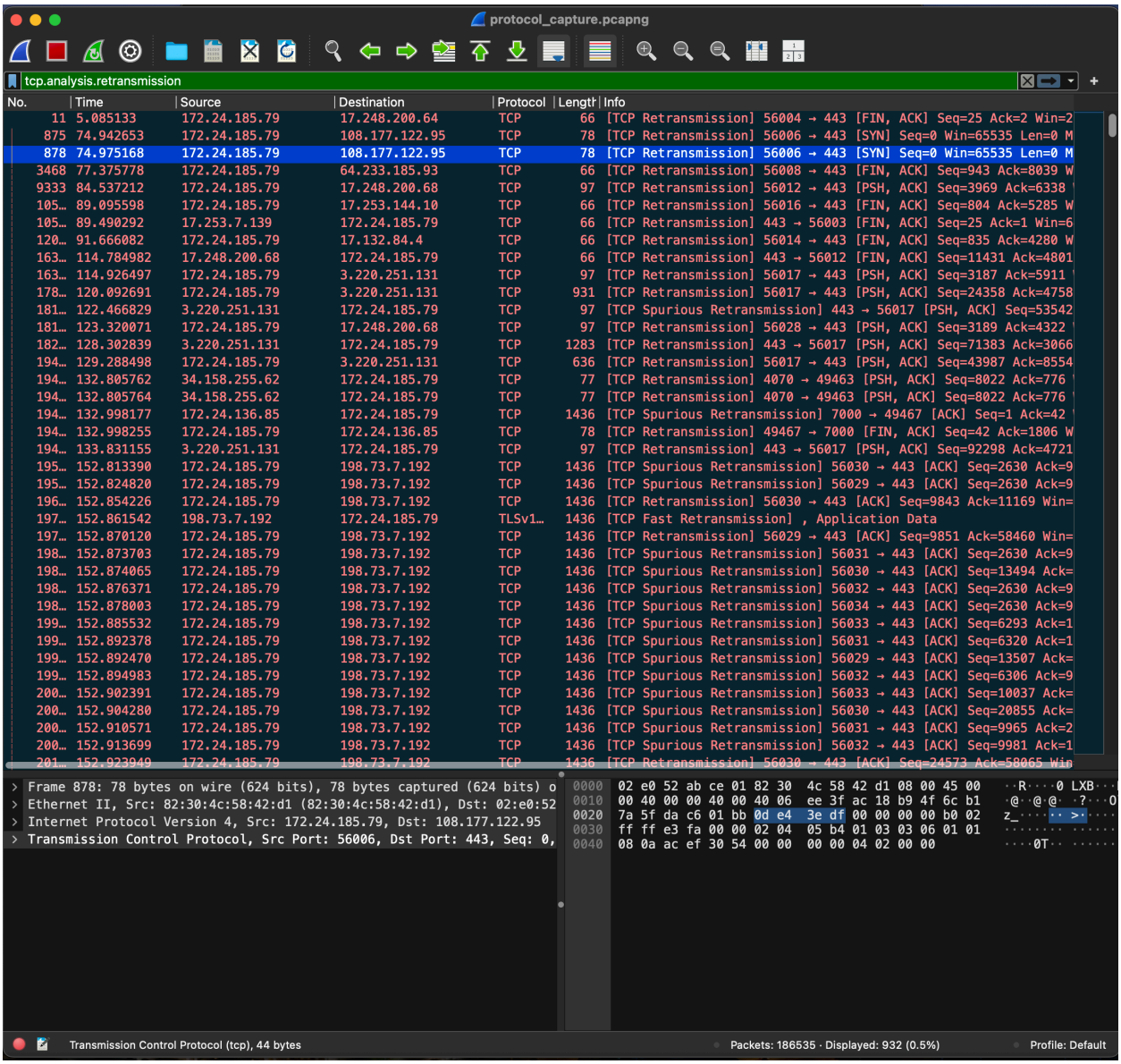
Hardware:	Apple M3
OS:	macOS 15.4.1, build 24E263 (Darwin 24.4.0)
Application:	Dumpcap (Wireshark) 4.4.6 (v4.4.6-0-gaebb20483889)

Interfaces

Interface	Dropped packets	Capture filter	Link type	Packet size limit (snaplen)
Wi-Fi	0 (0.0%)	none	Ethernet	524288 bytes

Statistics

Measurement	Captured	Displayed	Marked
Packets	186535	32 (0.0%)	—
Time span, s	2554.986	1648.328	—
Average pps	73.0	0.0	—
Average packet size, B	981	518	—
Bytes	182915605	16565 (0.0%)	0
Average bytes/s	71 k	10	—
Average bits/s	572 k	80	—

Help | Refresh | Copy To Clipboard | Edit Comments | Close

- TCP ANALYSIS RETRANSMISSION