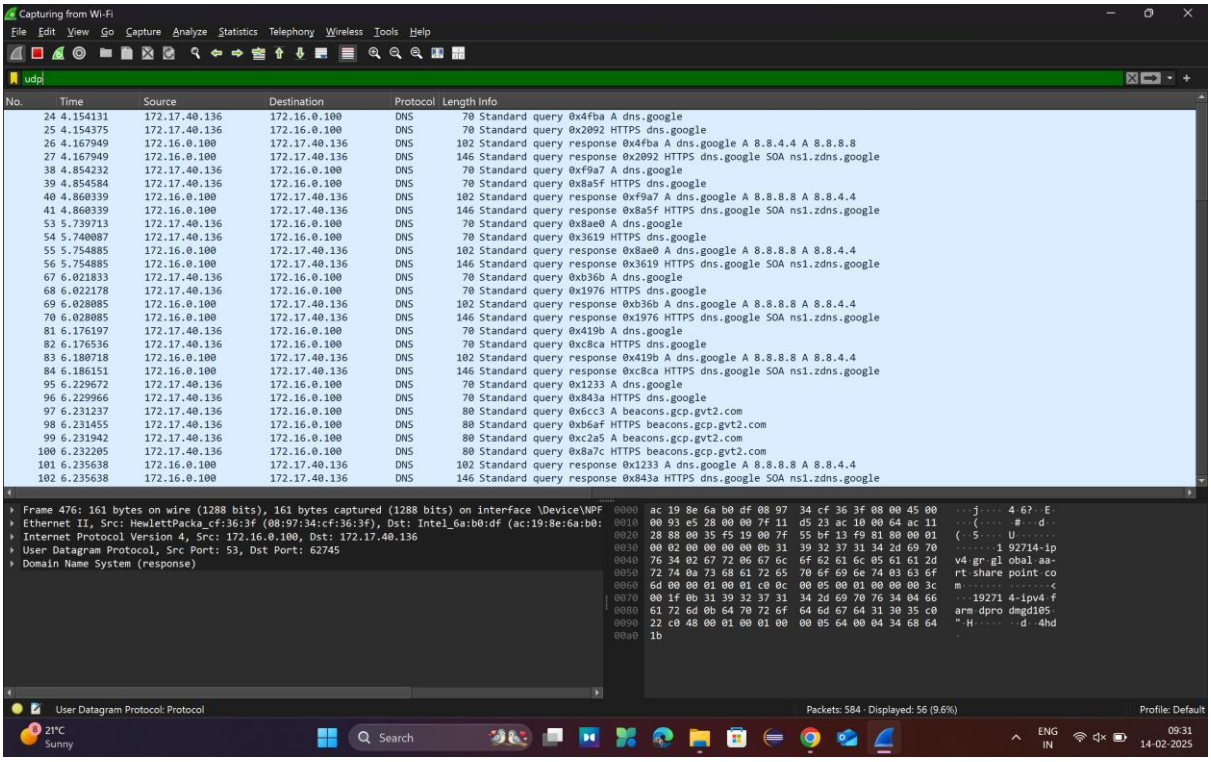
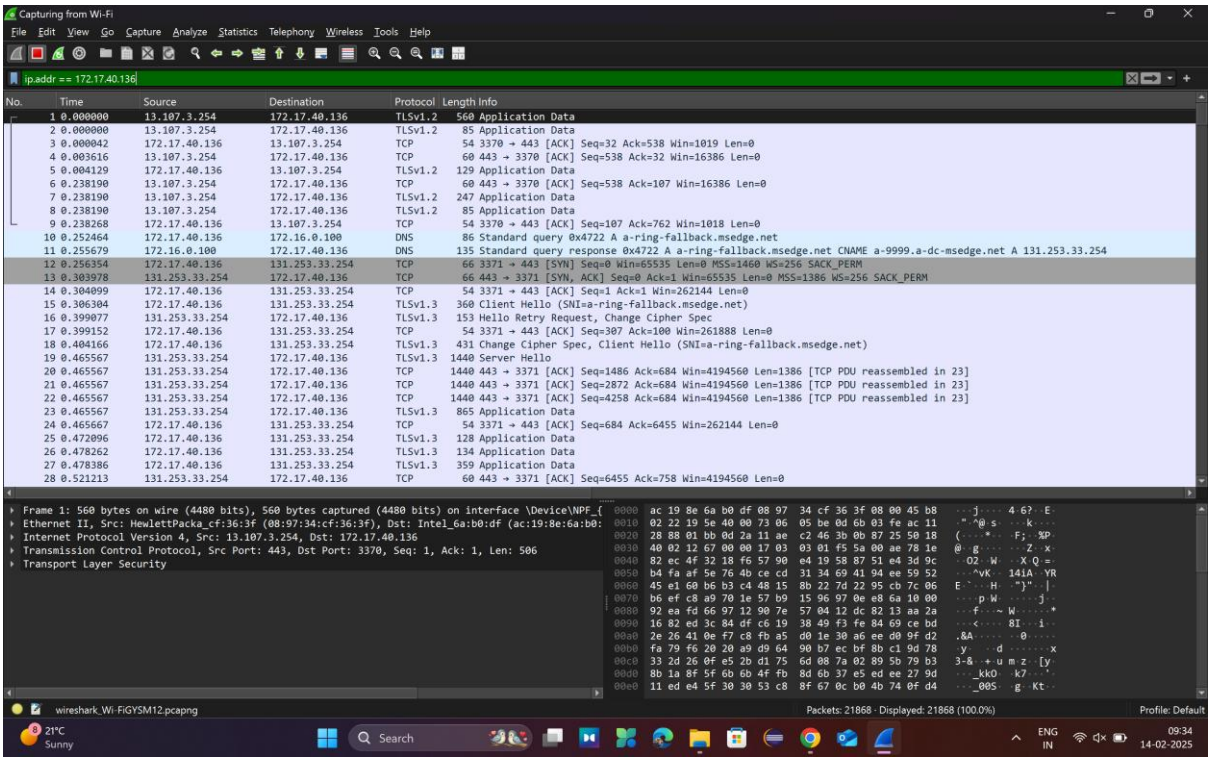
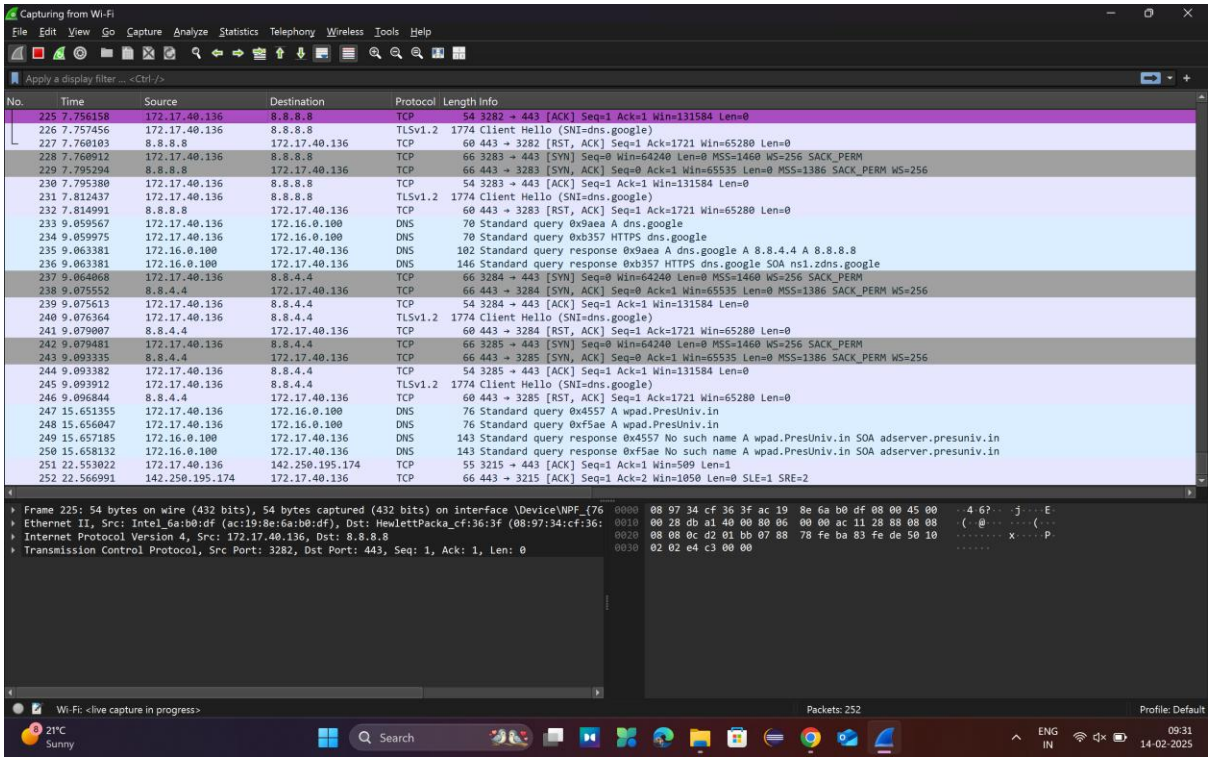
```
C:\Users\dhana>nmap sV-172.16.40.136
Starting Nmap 7.95 ( https://nmap.org ) at 2025-02-21 09:36 India Standard Time
Failed to resolve "sV-172.16.40.136".
WARNING: No targets were specified, so 0 hosts scanned.
Nmap done: 0 IP addresses (0 hosts up) scanned in 0.07 seconds
```

```
C:\Users\dhana>nmap --version
Nmap version 7.95 ( https://nmap.org )
Platform: i686-pc-windows-windows
Compiled with: nmap-liblua-5.4.6 openssl-3.0.13 nmap-libssh2-1.11.0 nmap-libz-1.3.1 nmap-libpcre2-10.43 Npcap-1.80 nmap-libdnet-1.12 ipv6
Compiled without:
Available nsock engines: iocp poll select
```

```
C:\Users\dhana>nmap -sP 172.17.40.136/20
Starting Nmap 7.95 ( https://nmap.org ) at 2025-02-21 09:56 India Standard Time
RTTVAR has grown to over 2.3 seconds, decreasing to 2.0
Nmap scan report for 172.17.32.1
Host is up (0.042s latency).
MAC Address: BE:F0:17:71:1B:58 (Unknown)
Nmap scan report for 172.17.32.7
Host is up (0.19s latency).
MAC Address: EA:E0:6C:15:01:58 (Unknown)
Nmap scan report for 172.17.32.8
Host is up (0.072s latency).
MAC Address: F2:63:38:C9:31:CF (Unknown)
Nmap scan report for 172.17.32.9
Host is up (0.26s latency).
MAC Address: 86:AB:30:C5:78:26 (Unknown)
Nmap scan report for 172.17.32.12
Host is up (0.85s latency).
MAC Address: DE:49:EC:BB:D1:D9 (Unknown)
Nmap scan report for 172.17.32.14
Host is up (0.11s latency).
MAC Address: 52:A5:29:C7:0D:D4 (Unknown)
Nmap scan report for 172.17.32.15
Host is up (0.13s latency).
MAC Address: 42:DF:A0:14:5D:EF (Unknown)
Nmap scan report for 172.17.32.16
Host is up (0.35s latency).
MAC Address: 0A:A5:7D:81:C1:6C (Unknown)
Nmap scan report for 172.17.32.17
Host is up (0.17s latency).
MAC Address: 8E:E4:9C:E2:BE:F1 (Unknown)
Nmap scan report for 172.17.32.18
Host is up (0.24s latency).
MAC Address: 5A:A6:4E:97:44:68 (Unknown)
Nmap scan report for 172.17.32.22
```




Capturing from Wi-Fi
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
ip.addr == 172.17.40.136
No. Time Source Destination Protocol Length Info
1 0.000000 13.107.3.254 172.17.40.136 TLSv1.2 560 Application Data
2 0.000000 13.107.3.254 172.17.40.136 TLSv1.2 85 Application Data
3 0.000042 172.17.40.136 13.107.3.254 TCP 54 3370 → 443 [ACK] Seq=32 Ack=538 Win=1019 Len=0
4 0.003616 13.107.3.254 172.17.40.136 TCP 60 443 → 3370 [ACK] Seq=538 Ack=32 Win=16386 Len=0
5 0.004129 172.17.40.136 13.107.3.254 TLSv1.2 129 Application Data
6 0.238190 13.107.3.254 172.17.40.136 TCP 60 443 → 3370 [ACK] Seq=538 Ack=107 Win=16386 Len=0
7 0.238190 13.107.3.254 172.17.40.136 TLSv1.2 247 Application Data
8 0.238190 13.107.3.254 172.17.40.136 TLSv1.2 85 Application Data
9 0.238268 172.17.40.136 13.107.3.254 TCP 54 3370 → 443 [ACK] Seq=107 Ack=762 Win=1018 Len=0
10 0.252464 172.17.40.136 172.16.0.100 DNS 86 Standard query 0x4722 A a-ring-fallback.msedge.net
11 0.255679 172.16.0.100 172.17.40.136 DNS 135 Standard query response 0x4722 A a-ring-fallback.msedge.net CNAME a-9999.a-dc-msedge.net A 131.253.33.254
12 0.256354 172.17.40.136 131.253.33.254 TCP 66 3371 → 443 [SYN] Seq=0 Win=65535 Len=0 MSS=1460 WS=256 SACK_PERM
13 0.303978 131.253.33.254 172.17.40.136 TCP 66 443 → 3371 [SYN, ACK] Seq=0 Ack=1 Win=65535 Len=0 MSS=1386 WS=256 SACK_PERM
14 0.304099 172.17.40.136 131.253.33.254 TCP 54 3371 → 443 [ACK] Seq=1 Ack=1 Win=262144 Len=0
15 0.306304 172.17.40.136 131.253.33.254 TLSv1.3 360 Client Hello (SNI=a-ring-fallback.msedge.net)
16 0.399077 131.253.33.254 172.17.40.136 TLSv1.3 153 Hello Retry Request, Change Cipher Spec
17 0.399152 172.17.40.136 131.253.33.254 TCP 54 3371 → 443 [ACK] Seq=307 Ack=100 Win=261888 Len=0
18 0.404166 172.17.40.136 131.253.33.254 TLSv1.3 431 Change Cipher Spec, Client Hello (SNI=a-ring-fallback.msedge.net)
19 0.465567 131.253.33.254 172.17.40.136 TLSv1.3 1440 Server Hello
20 0.465567 131.253.33.254 172.17.40.136 TCP 1440 443 → 3371 [ACK] Seq=1486 Ack=684 Win=4194560 Len=1386 [TCP PDU reassembled in 23]
21 0.465567 131.253.33.254 172.17.40.136 TCP 1440 443 → 3371 [ACK] Seq=2872 Ack=684 Win=4194560 Len=1386 [TCP PDU reassembled in 23]
22 0.465567 131.253.33.254 172.17.40.136 TCP 1440 443 → 3371 [ACK] Seq=4258 Ack=684 Win=4194560 Len=1386 [TCP PDU reassembled in 23]
23 0.465567 131.253.33.254 172.17.40.136 TLSv1.3 865 Application Data
24 0.465667 172.17.40.136 131.253.33.254 TCP 54 3371 → 443 [ACK] Seq=684 Ack=6455 Win=262144 Len=0
25 0.472096 172.17.40.136 131.253.33.254 TLSv1.3 128 Application Data
26 0.478262 172.17.40.136 131.253.33.254 TLSv1.3 134 Application Data
27 0.478386 172.17.40.136 131.253.33.254 TLSv1.3 359 Application Data
28 0.521213 131.253.33.254 172.17.40.136 TCP 60 443 → 3371 [ACK] Seq=6455 Ack=758 Win=4194560 Len=0
Frame 1: 560 bytes on wire (4480 bits), 560 bytes captured (4480 bits) on interface \Device\NPF_{
Ethernet II, Src: HewlettPacka_cf:36:3f (08:97:34:cf:36:3f), Dst: Intel_6a:b0:df (ac:19:8e:6a:b0:
Internet Protocol Version 4, Src: 13.107.3.254, Dst: 172.17.40.136
Transmission Control Protocol, Src Port: 443, Dst Port: 3370, Seq: 1, Ack: 1, Len: 506
Transport Layer Security
0000 ac 19 8e 6a b0 df 08 97 34 cf 36 3f 08 00 45 b8
0010 02 22 19 5e 40 00 73 06 05 be 0d 6b 03 fe ac 11
0020 28 88 01 bb 0d 2a 11 ae c2 46 3b 0b 87 25 50 18
0030 40 02 12 67 00 00 17 03 03 01 f5 5a 00 ae 78 1e
0040 82 ec 4f 32 18 f6 57 90 e4 19 58 87 51 e4 3d 9c
0050 b4 fa af 5e 76 4b ce cd 31 34 69 41 94 ee 59 52
0060 45 e1 60 b6 b3 c4 48 15 8b 22 7d 22 95 cb 7c 06
0070 b6 ef c8 a9 70 1e 57 b9 15 96 97 0e e8 6a 10 00
0080 92 ea fd 66 97 12 90 7e 57 04 12 dc 82 13 aa 2a
0090 16 82 ed 3c 84 df c6 19 38 49 f3 fe 84 69 ce bd
00a0 2e 26 41 0e f7 c8 fb a5 d0 1e 30 a6 ee d0 9f d2
00b0 fa 79 f6 20 20 a9 d9 64 90 b7 ec bf 8b c1 9d 78
00c0 33 2d 26 0f e5 2b d1 75 6d 08 7a 02 89 5b 79 b3
00d0 8b 1a 8f 5f 6b 6b 4f fb 8d 6b 37 e5 ed ee 27 9d
00e0 11 ed e4 5f 30 30 53 c8 8f 67 0c b0 4b 74 0f d4
wireshark_Wi-FiGYSM12.pcapng
Packets: 21868 · Displayed: 21868 (100.0%)
Profile: Default
21°C Sunny
Search
ENG IN
09:34 14-02-2025


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
225 7.756158 172.17.40.136 8.8.8.8 TCP 54 3282 → 443 [ACK] Seq=1 Ack=1 Win=131584 Len=0
226 7.757456 172.17.40.136 8.8.8.8 TLSv1.2 1774 Client Hello (SNI=dns.google)
227 7.760103 8.8.8.8 172.17.40.136 TCP 60 443 → 3282 [RST, ACK] Seq=1 Ack=1721 Win=65280 Len=0
228 7.760912 172.17.40.136 8.8.8.8 TCP 66 3283 → 443 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM
229 7.795294 8.8.8.8 172.17.40.136 TCP 66 443 → 3283 [SYN, ACK] Seq=0 Ack=1 Win=65535 Len=0 MSS=1386 SACK_PERM WS=256
230 7.795380 172.17.40.136 8.8.8.8 TCP 54 3283 → 443 [ACK] Seq=1 Ack=1 Win=131584 Len=0
231 7.812437 172.17.40.136 8.8.8.8 TLSv1.2 1774 Client Hello (SNI=dns.google)
232 7.814991 8.8.8.8 172.17.40.136 TCP 60 443 → 3283 [RST, ACK] Seq=1 Ack=1721 Win=65280 Len=0
233 9.059567 172.17.40.136 172.16.0.100 DNS 70 Standard query 0x9aea A dns.google
234 9.059975 172.17.40.136 172.16.0.100 DNS 70 Standard query 0xb357 HTTPS dns.google
235 9.063381 172.16.0.100 172.17.40.136 DNS 102 Standard query response 0x9aea A dns.google A 8.8.4.4 A 8.8.8.8
236 9.063381 172.16.0.100 172.17.40.136 DNS 146 Standard query response 0xb357 HTTPS dns.google SOA ns1.zdns.google
237 9.064068 172.17.40.136 8.8.4.4 TCP 66 3284 → 443 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM
238 9.075552 8.8.4.4 172.17.40.136 TCP 66 443 → 3284 [SYN, ACK] Seq=0 Ack=1 Win=65535 Len=0 MSS=1386 SACK_PERM WS=256
239 9.075613 172.17.40.136 8.8.4.4 TCP 54 3284 → 443 [ACK] Seq=1 Ack=1 Win=131584 Len=0
240 9.076364 172.17.40.136 8.8.4.4 TLSv1.2 1774 Client Hello (SNI=dns.google)
241 9.079007 8.8.4.4 172.17.40.136 TCP 60 443 → 3284 [RST, ACK] Seq=1 Ack=1721 Win=65280 Len=0
242 9.079481 172.17.40.136 8.8.4.4 TCP 66 3285 → 443 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM
243 9.093335 8.8.4.4 172.17.40.136 TCP 66 443 → 3285 [SYN, ACK] Seq=0 Ack=1 Win=65535 Len=0 MSS=1386 SACK_PERM WS=256
244 9.093382 172.17.40.136 8.8.4.4 TCP 54 3285 → 443 [ACK] Seq=1 Ack=1 Win=131584 Len=0
245 9.093912 172.17.40.136 8.8.4.4 TLSv1.2 1774 Client Hello (SNI=dns.google)
246 9.096844 8.8.4.4 172.17.40.136 TCP 60 443 → 3285 [RST, ACK] Seq=1 Ack=1721 Win=65280 Len=0
247 15.651355 172.17.40.136 172.16.0.100 DNS 76 Standard query 0x4557 A wpad.PresUniv.in
248 15.656047 172.17.40.136 172.16.0.100 DNS 76 Standard query 0xf5ae A wpad.PresUniv.in
249 15.657185 172.16.0.100 172.17.40.136 DNS 143 Standard query response 0x4557 No such name A wpad.PresUniv.in SOA adserver.presuniv.in
250 15.658132 172.16.0.100 172.17.40.136 DNS 143 Standard query response 0xf5ae No such name A wpad.PresUniv.in SOA adserver.presuniv.in
251 22.553022 172.17.40.136 142.250.195.174 TCP 55 3215 → 443 [ACK] Seq=1 Ack=1 Win=509 Len=1
252 22.566991 142.250.195.174 172.17.40.136 TCP 66 443 → 3215 [ACK] Seq=1 Ack=2 Win=1050 Len=0 SLE=1 SRE=2
Frame 225: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface \Device\NPF_{76
Ethernet II, Src: Intel_6a:b0:df (ac:19:8e:6a:b0:df), Dst: HewlettPacka_cf:36:3f (08:97:34:cf:36:
Internet Protocol Version 4, Src: 172.17.40.136, Dst: 8.8.8.8
Transmission Control Protocol, Src Port: 3282, Dst Port: 443, Seq: 1, Ack: 1, Len: 0
0000 08 97 34 cf 36 3f ac 19 8e 6a b0 df 08 00 45 00
0010 00 28 db a1 40 00 80 06 00 00 ac 11 28 88 08 08
0020 08 08 0c d2 01 bb 07 88 78 fe ba 83 fe de 50 10
0030 02 02 e4 c3 00 00
Wi-Fi: <live capture in progress>
Packets: 252
Profile: Default
21°C Sunny
Search
ENG IN
09:31 14-02-2025