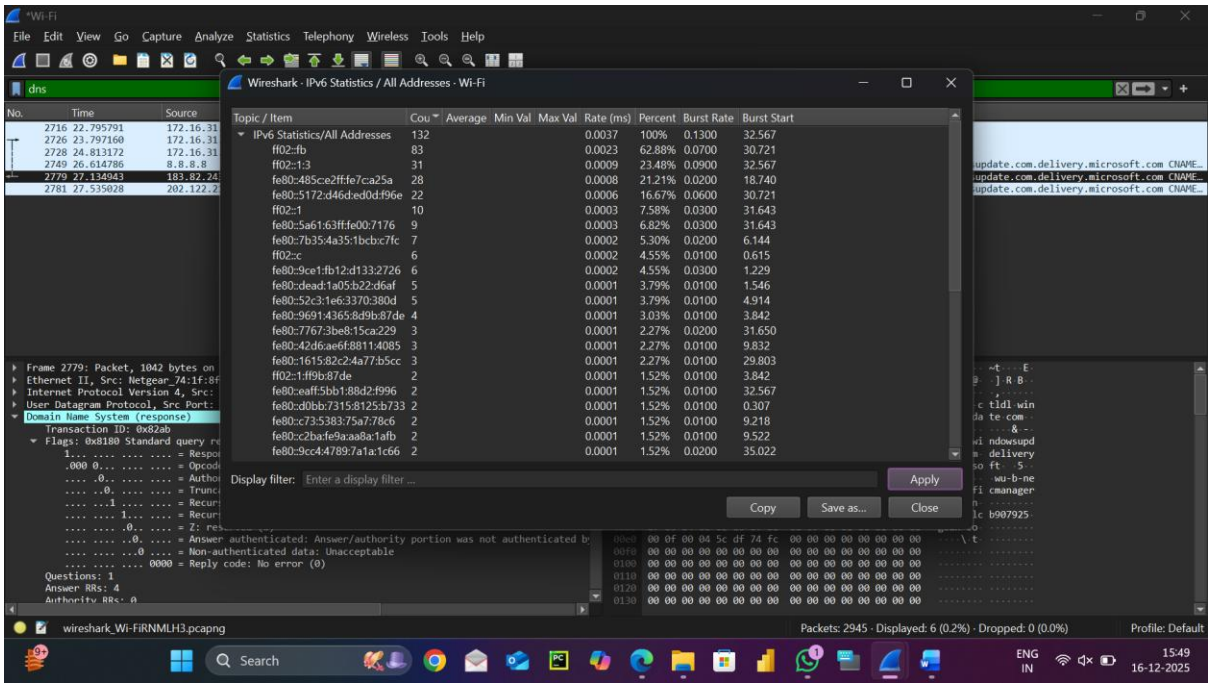
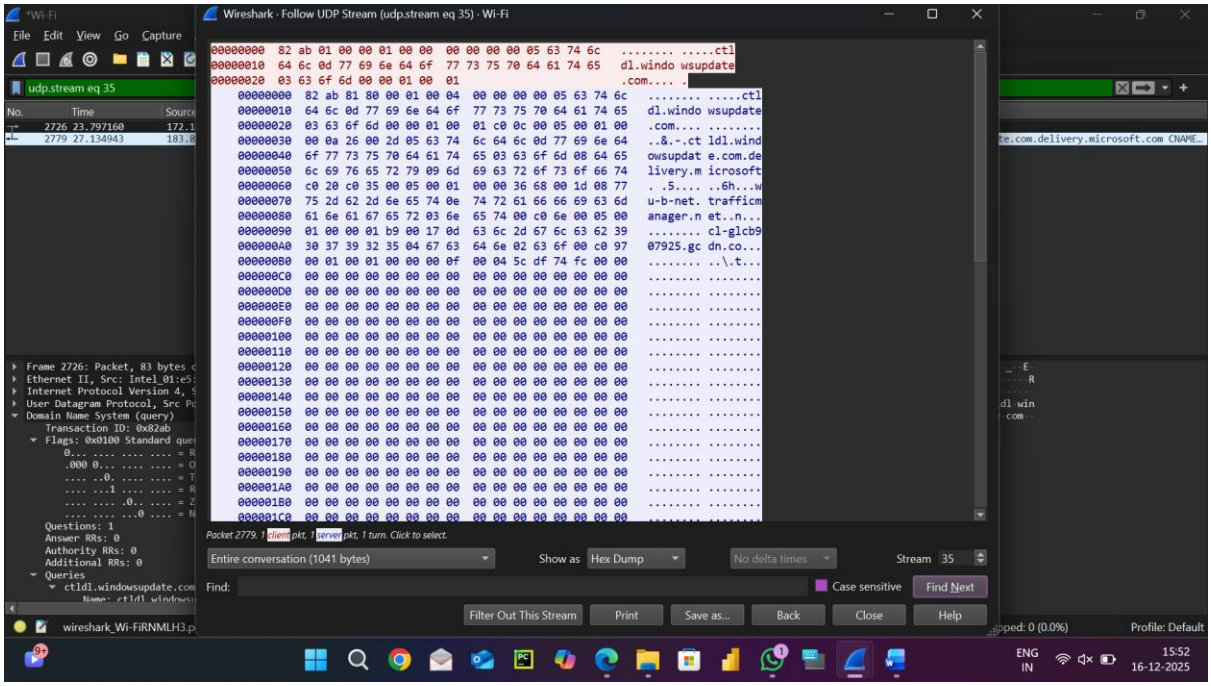
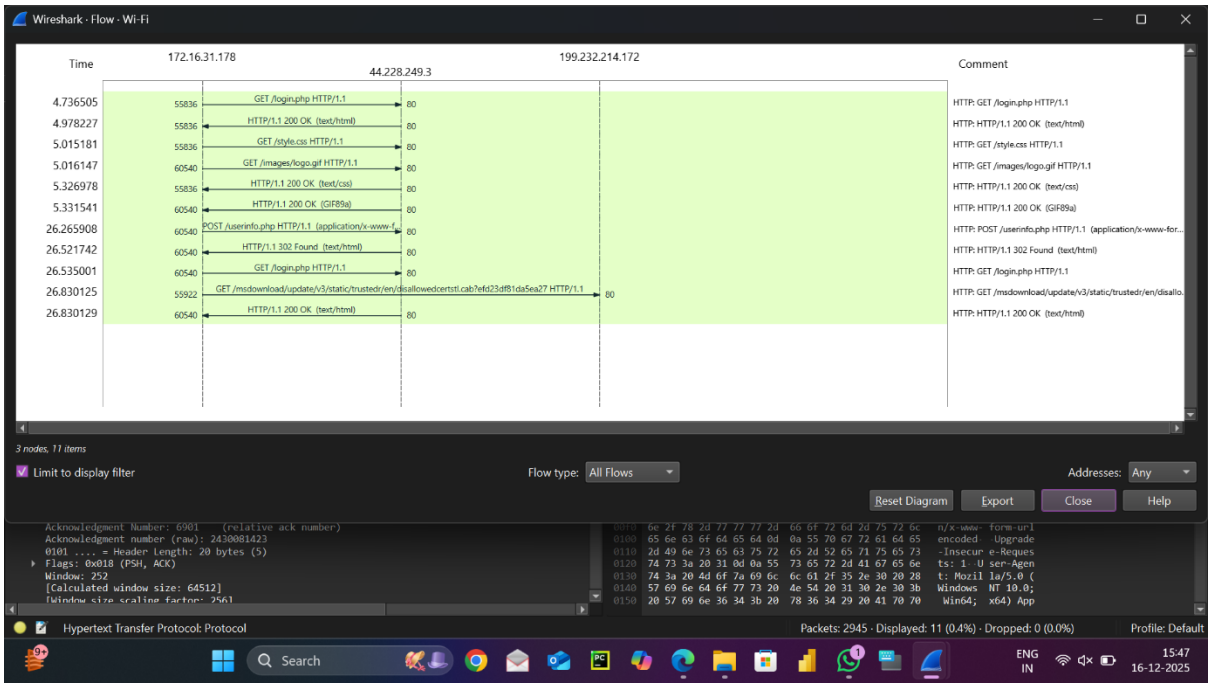
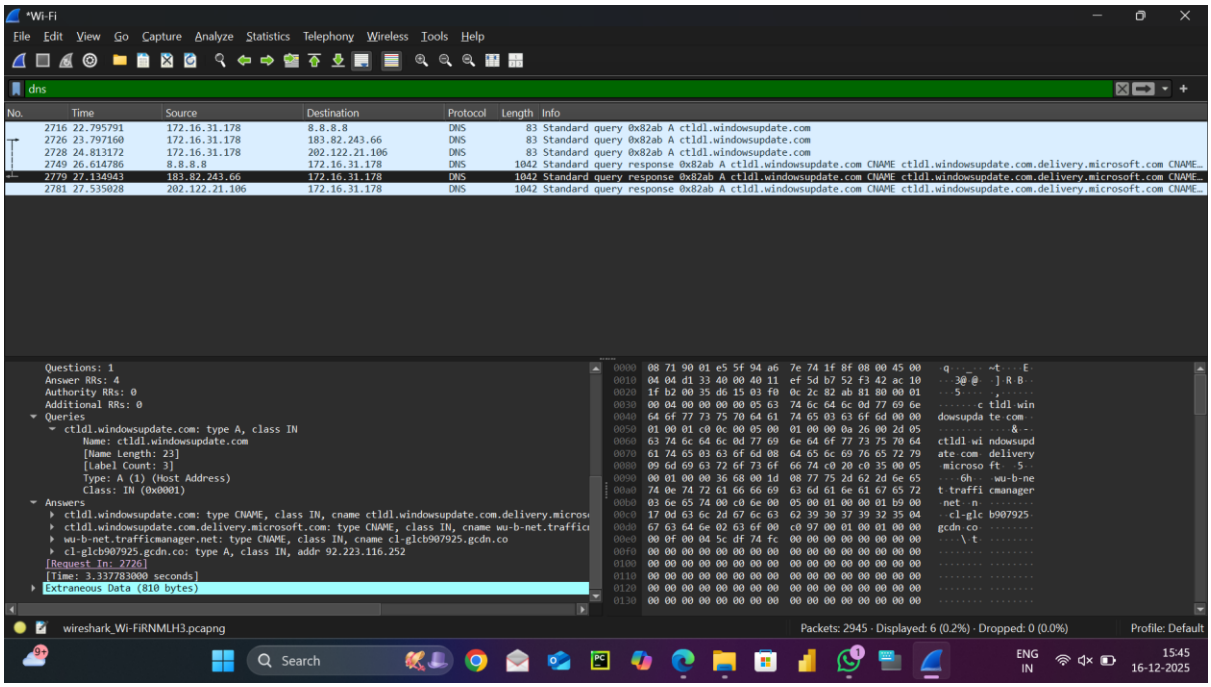
Task1

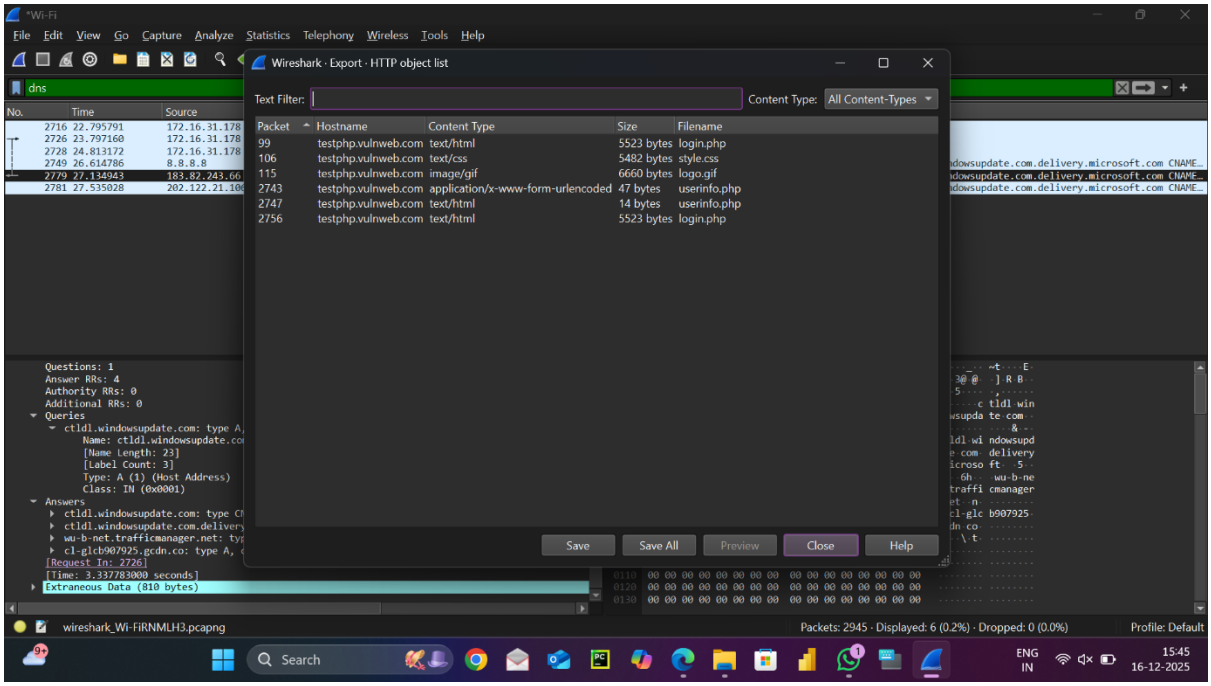
Q1)


Wireshark · IPv6 Statistics / All Addresses · Wi-Fi
Topic / Item
IPv6 Statistics/All Addresses
Display filter:
Enter a display filter …
Apply
Copy
Save as…
Close
wireshark_Wi-FiRNMLH3.pcapng
Packets: 2945 · Displayed: 6 (0.2%) · Dropped: 0 (0.0%)
Profile: Default
Search
ENG
IN
15:49
16-12-2025

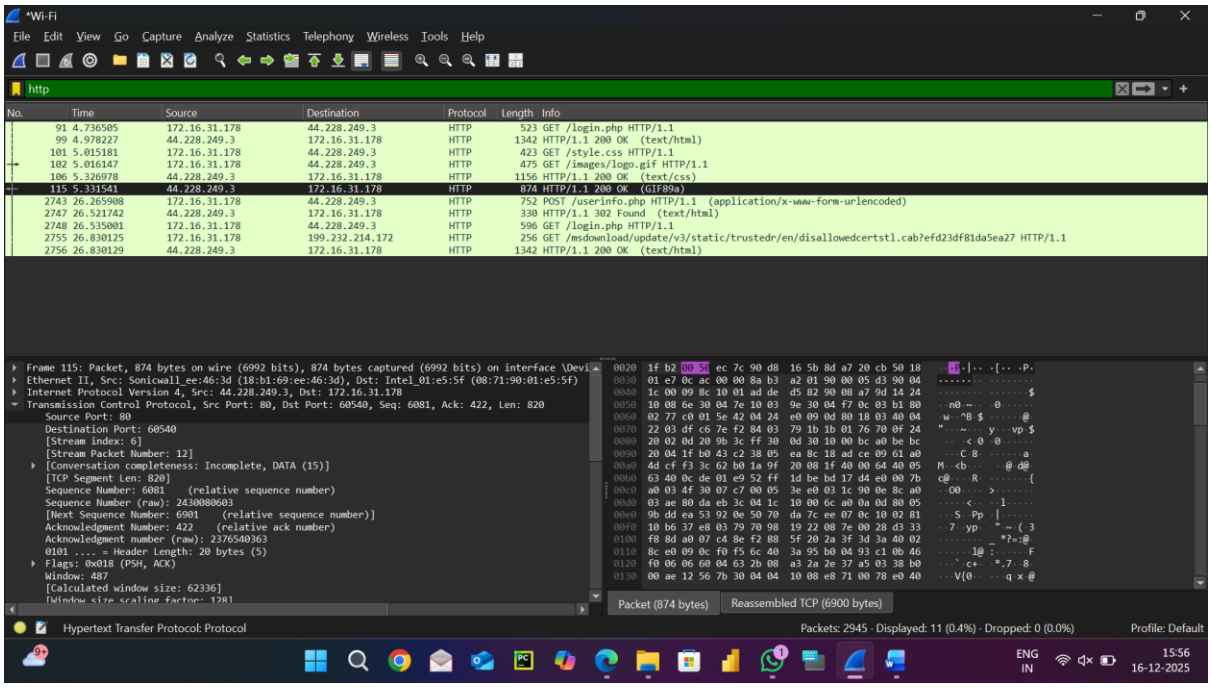

Wireshark · Follow UDP Stream (udp.stream eq 35) · Wi-Fi
Packet 2779. 1 client pkt, 1 server pkt, 1 turn. Click to select.
Entire conversation (1041 bytes)
Show as
Hex Dump
No delta times
Stream
35
Find:
Case sensitive
Find Next
Filter Out This Stream
Print
Save as…
Back
Close
Help
Profile: Default
ENG
IN
15:52
16-12-2025


Wireshark · Flow · Wi-Fi
Time
172.16.31.178
44.228.249.3
199.232.214.172
Comment
4.736505 55836 GET /login.php HTTP/1.1 80 HTTP: GET /login.php HTTP/1.1
4.978227 55836 HTTP/1.1 200 OK (text/html) 80 HTTP: HTTP/1.1 200 OK (text/html)
5.015181 55836 GET /style.css HTTP/1.1 80 HTTP: GET /style.css HTTP/1.1
5.016147 60540 GET /images/logo.gif HTTP/1.1 80 HTTP: GET /images/logo.gif HTTP/1.1
5.326978 55836 HTTP/1.1 200 OK (text/css) 80 HTTP: HTTP/1.1 200 OK (text/css)
5.331541 60540 HTTP/1.1 200 OK (GIF89a) 80 HTTP: HTTP/1.1 200 OK (GIF89a)
26.265908 60540 POST /userinfo.php HTTP/1.1 (application/x-www-f 80 HTTP: POST /userinfo.php HTTP/1.1 (application/x-www-for...
26.521742 60540 HTTP/1.1 302 Found (text/html) 80 HTTP: HTTP/1.1 302 Found (text/html)
26.535001 60540 GET /login.php HTTP/1.1 80 HTTP: GET /login.php HTTP/1.1
26.830125 55922 GET /msdownload/update/v3/static/trustedr/en/disallowedcertstl.cab?efd23df81da5ea27 HTTP/1.1 80 HTTP: GET /msdownload/update/v3/static/trustedr/en/disallo...
26.830129 60540 HTTP/1.1 200 OK (text/html) 80 HTTP: HTTP/1.1 200 OK (text/html)
3 nodes, 11 items
Limit to display filter
Flow type: All Flows
Addresses: Any
Reset Diagram
Export
Close
Help
Acknowledgment Number: 6901 (relative ack number)
Acknowledgment number (raw): 2430081423
0101 .... = Header Length: 20 bytes (5)
Flags: 0x018 (PSH, ACK)
Window: 252
[Calculated window size: 64512]
[Window size scaling factor: 256]
n/x-www- form-url
encoded Upgrade
-insecur e-Reques
ts: 1 U ser-Agen
t: Mozil la/5.0 (
Windows NT 10.0;
Win64; x64) App
Hypertext Transfer Protocol: Protocol
Packets: 2945 · Displayed: 11 (0.4%) · Dropped: 0 (0.0%)
Profile: Default
Search
ENG
IN
15:47
16-12-2025

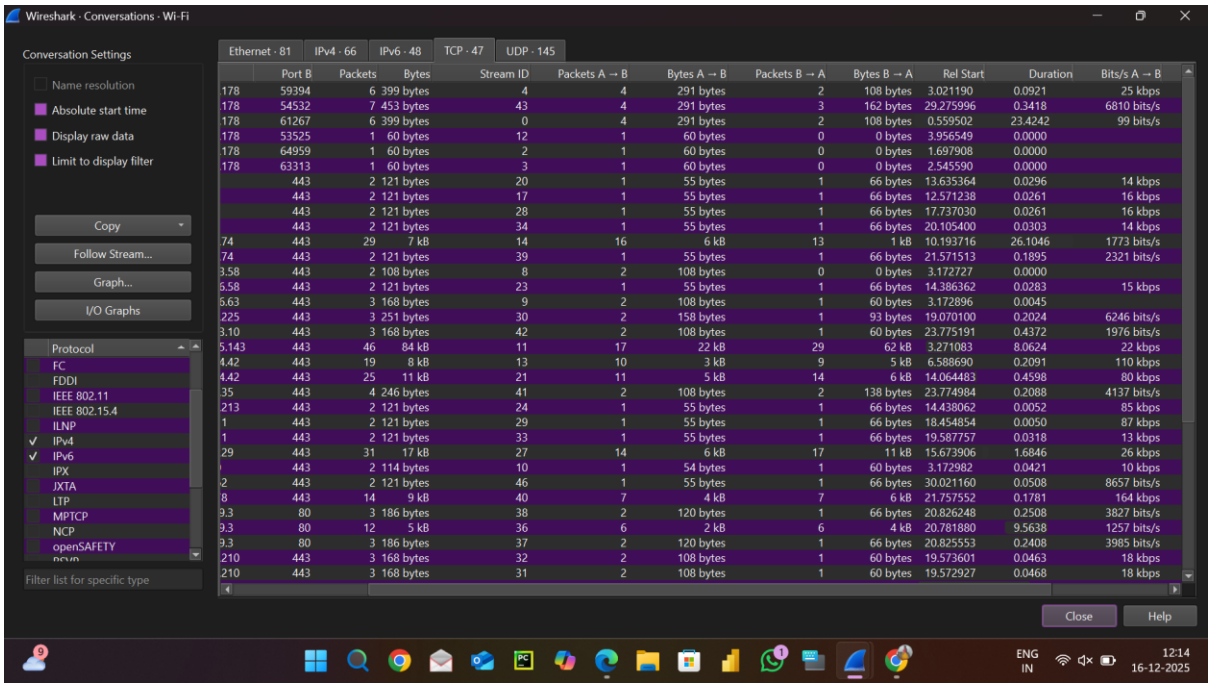

*Wi-Fi
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
dns
No. Time Source Destination Protocol Length Info
2716 22.795791 172.16.31.178 8.8.8.8 DNS 83 Standard query 0x82ab A ctldl.windowsupdate.com
2726 23.797160 172.16.31.178 183.82.243.66 DNS 83 Standard query 0x82ab A ctldl.windowsupdate.com
2728 24.813172 172.16.31.178 202.122.21.106 DNS 83 Standard query 0x82ab A ctldl.windowsupdate.com
2749 26.614786 8.8.8.8 172.16.31.178 DNS 1042 Standard query response 0x82ab A ctldl.windowsupdate.com CNAME ctldl.windowsupdate.com.delivery.microsoft.com CNAME...
2779 27.134943 183.82.243.66 172.16.31.178 DNS 1042 Standard query response 0x82ab A ctldl.windowsupdate.com CNAME ctldl.windowsupdate.com.delivery.microsoft.com CNAME...
2781 27.535028 202.122.21.106 172.16.31.178 DNS 1042 Standard query response 0x82ab A ctldl.windowsupdate.com CNAME ctldl.windowsupdate.com.delivery.microsoft.com CNAME...
Questions: 1
Answer RRs: 4
Authority RRs: 0
Additional RRs: 0
Queries
ctldl.windowsupdate.com: type A, class IN
Name: ctldl.windowsupdate.com
[Name Length: 23]
[Label Count: 3]
Type: A (1) (Host Address)
Class: IN (0x0001)
Answers
ctldl.windowsupdate.com: type CNAME, class IN, cname ctldl.windowsupdate.com.delivery.microso
ctldl.windowsupdate.com.delivery.microsoft.com: type CNAME, class IN, cname wu-b-net.traffic
wu-b-net.trafficmanager.net: type CNAME, class IN, cname cl-glcb907925.gcdn.co
cl-glcb907925.gcdn.co: type A, class IN, addr 92.223.116.252
[Request In: 2726]
[Time: 3.337783000 seconds]
Extraneous Data (810 bytes)
wireshark_Wi-FiRNMLH3.pcapng
Packets: 2945 · Displayed: 6 (0.2%) · Dropped: 0 (0.0%)
Profile: Default
Search
ENG
IN
15:45
16-12-2025

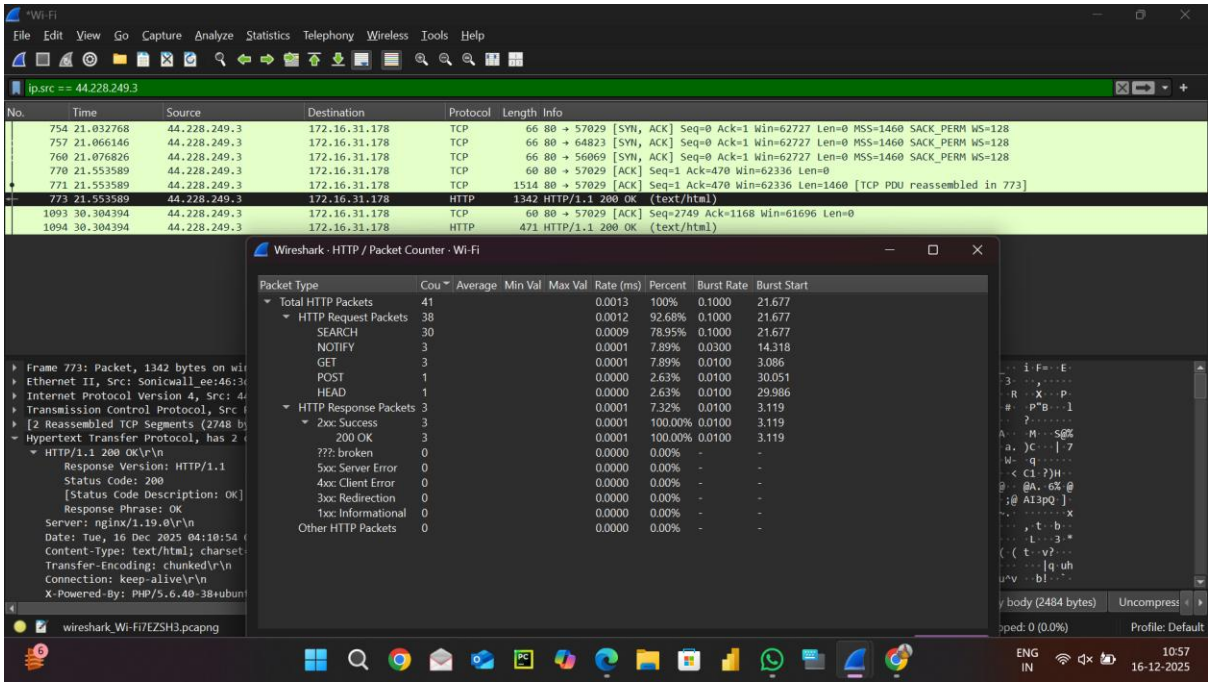

Wireshark · Export · HTTP object list
Text Filter:
Content Type: All Content-Types
Packet Hostname Content Type Size Filename
99 testphp.vulnweb.com text/html 5523 bytes login.php
106 testphp.vulnweb.com text/css 5482 bytes style.css
115 testphp.vulnweb.com image/gif 6660 bytes logo.gif
2743 testphp.vulnweb.com application/x-www-form-urlencoded 47 bytes userinfo.php
2747 testphp.vulnweb.com text/html 14 bytes userinfo.php
2756 testphp.vulnweb.com text/html 5523 bytes login.php
Save
Save All
Preview
Close
Help
wireshark_Wi-FiRNMLH3.pcapng
Packets: 2945 · Displayed: 6 (0.2%) · Dropped: 0 (0.0%)
Profile: Default

Q2)


http
Hypertext Transfer Protocol: Protocol
Packets: 2945 · Displayed: 11 (0.4%) · Dropped: 0 (0.0%)
Profile: Default

Q3)

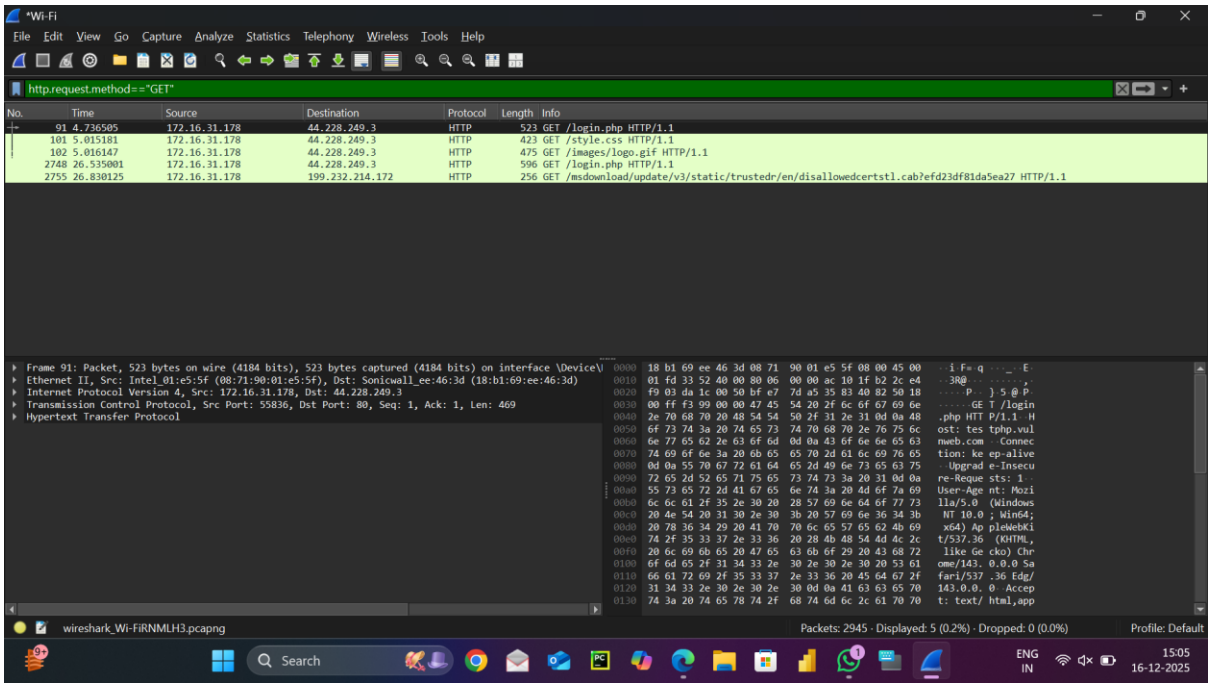

Wireshark · Conversations · Wi-Fi
Conversation Settings
Name resolution
Absolute start time
Display raw data
Limit to display filter
Copy
Follow Stream...
Graph...
I/O Graphs
Protocol
FC
FDDI
IEEE 802.11
IEEE 802.15.4
ILNP
IPv4
IPv6
IPX
JXTA
LTP
MPTCP
NCP
openSAFETY
Filter list for specific type
Ethernet · 81
IPv4 · 66
IPv6 · 48
TCP · 47
UDP · 145
Port B Packets Bytes Stream ID Packets A → B Bytes A → B Packets B → A Bytes B → A Rel Start Duration Bits/s A → B
178 59394 6 399 bytes 4 4 291 bytes 2 108 bytes 3.021190 0.0921 25 kbps
178 54532 7 453 bytes 43 4 291 bytes 3 162 bytes 29.275996 0.3418 6810 bits/s
178 61267 6 399 bytes 0 4 291 bytes 2 108 bytes 0.559502 23.4242 99 bits/s
178 53525 1 60 bytes 12 1 60 bytes 0 0 bytes 3.956549 0.0000
178 64959 1 60 bytes 2 1 60 bytes 0 0 bytes 1.697908 0.0000
178 63313 1 60 bytes 3 1 60 bytes 0 0 bytes 2.545590 0.0000
443 2 121 bytes 20 1 55 bytes 1 66 bytes 13.635364 0.0296 14 kbps
443 2 121 bytes 17 1 55 bytes 1 66 bytes 12.571238 0.0261 16 kbps
443 2 121 bytes 28 1 55 bytes 1 66 bytes 17.737030 0.0261 16 kbps
443 2 121 bytes 34 1 55 bytes 1 66 bytes 20.105400 0.0303 14 kbps
74 443 29 7 kB 14 16 6 kB 13 1 kB 10.193716 26.1046 1773 bits/s
74 443 2 121 bytes 39 1 55 bytes 1 66 bytes 21.571513 0.1895 2321 bits/s
3.58 443 2 108 bytes 8 2 108 bytes 0 0 bytes 3.172727 0.0000
5.58 443 2 121 bytes 23 1 55 bytes 1 66 bytes 14.386362 0.0283 15 kbps
5.63 443 3 168 bytes 9 2 108 bytes 1 60 bytes 3.172896 0.0045
225 443 3 251 bytes 30 2 158 bytes 1 93 bytes 19.070100 0.2024 6246 bits/s
3.10 443 3 168 bytes 42 2 108 bytes 1 60 bytes 23.775191 0.4372 1976 bits/s
5.143 443 46 84 kB 11 17 22 kB 29 62 kB 3.271083 8.0624 22 kbps
4.42 443 19 8 kB 13 10 3 kB 9 5 kB 6.588690 0.2091 110 kbps
4.42 443 25 11 kB 21 11 5 kB 14 6 kB 14.064483 0.4598 80 kbps
35 443 4 246 bytes 41 2 108 bytes 2 138 bytes 23.774984 0.2088 4137 bits/s
213 443 2 121 bytes 24 1 55 bytes 1 66 bytes 14.438062 0.0052 85 kbps
1 443 2 121 bytes 29 1 55 bytes 1 66 bytes 18.454854 0.0050 87 kbps
1 443 2 121 bytes 33 1 55 bytes 1 66 bytes 19.587757 0.0318 13 kbps
29 443 31 17 kB 27 14 6 kB 17 11 kB 15.673906 1.6846 26 kbps
443 2 114 bytes 10 1 54 bytes 1 60 bytes 3.172982 0.0421 10 kbps
2 443 2 121 bytes 46 1 55 bytes 1 66 bytes 30.021160 0.0508 8657 bits/s
8 443 14 9 kB 40 7 4 kB 7 6 kB 21.757552 0.1781 164 kbps
9.3 80 3 186 bytes 38 2 120 bytes 1 66 bytes 20.826248 0.2508 3827 bits/s
9.3 80 12 5 kB 36 6 2 kB 6 4 kB 20.781880 9.5638 1257 bits/s
9.3 80 3 186 bytes 37 2 120 bytes 1 66 bytes 20.825553 0.2408 3985 bits/s
210 443 3 168 bytes 32 2 108 bytes 1 60 bytes 19.573601 0.0463 18 kbps
210 443 3 168 bytes 31 2 108 bytes 1 60 bytes 19.572927 0.0468 18 kbps
Close
Help
ENG IN
12:14 16-12-2025


*Wi-Fi
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
ip.src == 44.228.249.3
No. Time Source Destination Protocol Length Info
754 21.032768 44.228.249.3 172.16.31.178 TCP 66 80 → 57029 [SYN, ACK] Seq=0 Ack=1 Win=62727 Len=0 MSS=1460 SACK_PERM WS=128
757 21.066146 44.228.249.3 172.16.31.178 TCP 66 80 → 64823 [SYN, ACK] Seq=0 Ack=1 Win=62727 Len=0 MSS=1460 SACK_PERM WS=128
760 21.076826 44.228.249.3 172.16.31.178 TCP 66 80 → 56069 [SYN, ACK] Seq=0 Ack=1 Win=62727 Len=0 MSS=1460 SACK_PERM WS=128
770 21.553589 44.228.249.3 172.16.31.178 TCP 60 80 → 57029 [ACK] Seq=1 Ack=470 Win=62336 Len=0
771 21.553589 44.228.249.3 172.16.31.178 TCP 1514 80 → 57029 [ACK] Seq=1 Ack=470 Win=62336 Len=1460 [TCP PDU reassembled in 773]
773 21.553589 44.228.249.3 172.16.31.178 HTTP 1342 HTTP/1.1 200 OK (text/html)
1093 30.304394 44.228.249.3 172.16.31.178 TCP 60 80 → 57029 [ACK] Seq=2749 Ack=1168 Win=61696 Len=0
1094 30.304394 44.228.249.3 172.16.31.178 HTTP 471 HTTP/1.1 200 OK (text/html)
Wireshark · HTTP / Packet Counter · Wi-Fi
Packet Type Cou Average Min Val Max Val Rate (ms) Percent Burst Rate Burst Start
Total HTTP Packets 41 0.0013 100% 0.1000 21.677
HTTP Request Packets 38 0.0012 92.68% 0.1000 21.677
SEARCH 30 0.0009 78.95% 0.1000 21.677
NOTIFY 3 0.0001 7.89% 0.0300 14.318
GET 3 0.0001 7.89% 0.0100 3.086
POST 1 0.0000 2.63% 0.0100 30.051
HEAD 1 0.0000 2.63% 0.0100 29.986
HTTP Response Packets 3 0.0001 7.32% 0.0100 3.119
2xx: Success 3 0.0001 100.00% 0.0100 3.119
200 OK 3 0.0001 100.00% 0.0100 3.119
???: broken 0 0.0000 0.00% - -
5xx: Server Error 0 0.0000 0.00% - -
4xx: Client Error 0 0.0000 0.00% - -
3xx: Redirection 0 0.0000 0.00% - -
1xx: Informational 0 0.0000 0.00% - -
Other HTTP Packets 0 0.0000 0.00% - -
Frame 773: Packet, 1342 bytes on wi
Ethernet II, Src: Sonicwall_ee:46:3
Internet Protocol Version 4, Src: 4
Transmission Control Protocol, Src
[2 Reassembled TCP Segments (2748 b
Hypertext Transfer Protocol, has 2
HTTP/1.1 200 OK\r\n
Response Version: HTTP/1.1
Status Code: 200
[Status Code Description: OK]
Response Phrase: OK
Server: nginx/1.19.0\r\n
Date: Tue, 16 Dec 2025 04:10:54
Content-Type: text/html; charset
Transfer-Encoding: chunked\r\n
Connection: keep-alive\r\n
X-Powered-By: PHP/5.6.40-38+ubun
wireshark_Wi-Fi7EZSH3.pcapng
body (2484 bytes)
Uncompress
Profile: Default
ENG IN
10:57 16-12-2025

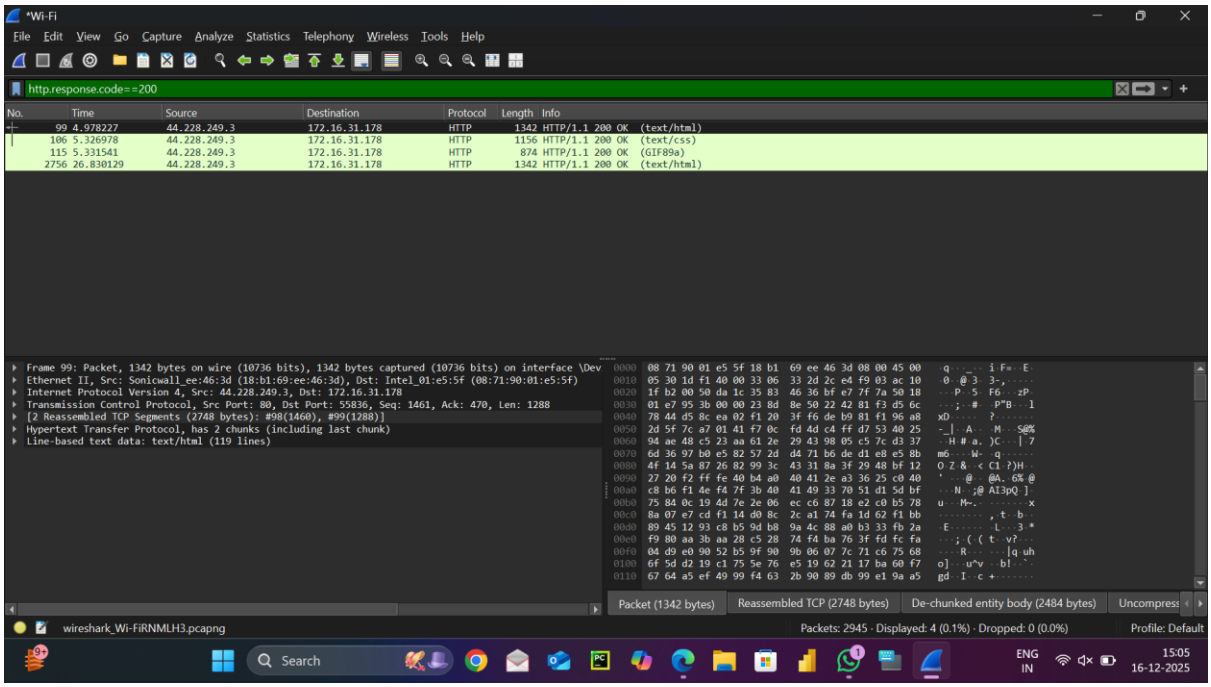

Sequence Numbers (Stevens) for 44.228.249.3:80 → 172.16.31.178:57029
Sequence Numbers (Stevens) for 44.228.249.3:80 → 172.16.31.178:57029
Wi-Fi
3 kB
2 kB
1 kB
0 bytes
Sequence Number
0 seconds
2.5 seconds
5 seconds
7.5 seconds
10 seconds
Time
Click to select packet 1094 (30.3s len 417 seq 2749 ack 1168 win 61696) → 6 pkts, 3165 bytes ← 6 pkts, 1167 bytes
Type
Time / Sequence (Stevens)
Stream
36
Switch Direction
Mouse
drags
zooms
Reset
Save As...
Close
Help

Task 2

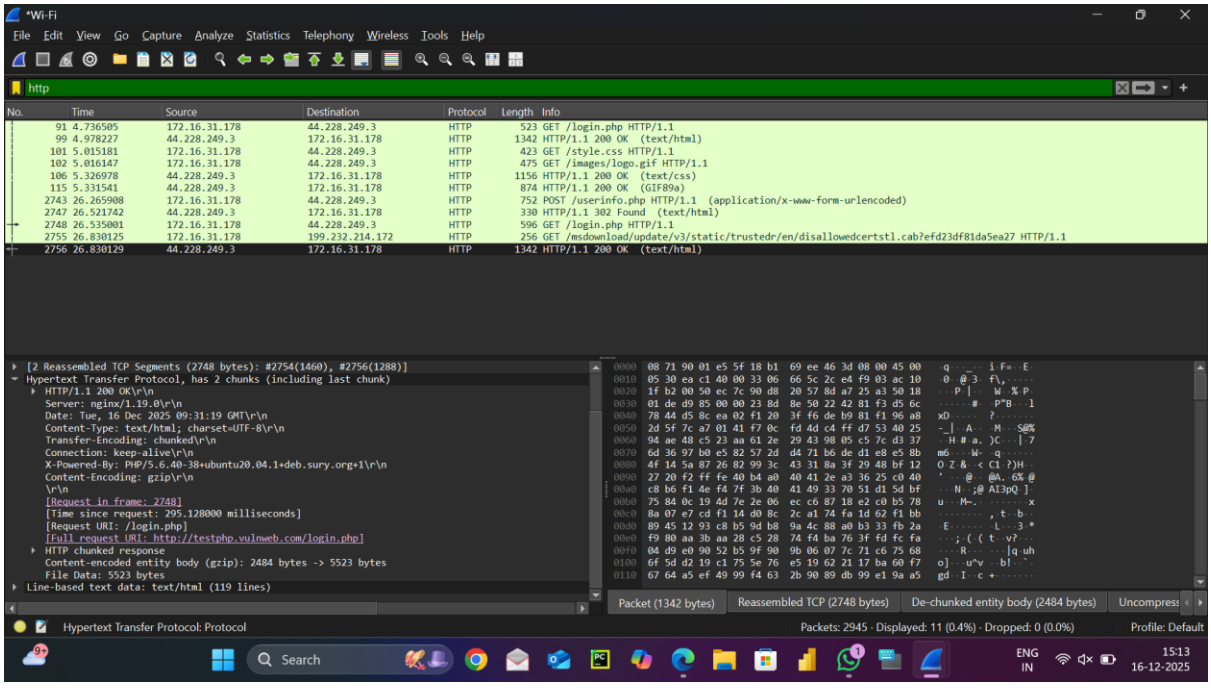
Q1)


*Wi-Fi
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
http.request.method=="GET"
No. Time Source Destination Protocol Length Info
91 4.736505 172.16.31.178 44.228.249.3 HTTP 523 GET /login.php HTTP/1.1
101 5.015181 172.16.31.178 44.228.249.3 HTTP 423 GET /style.css HTTP/1.1
102 5.016147 172.16.31.178 44.228.249.3 HTTP 475 GET /images/logo.gif HTTP/1.1
2748 26.535001 172.16.31.178 44.228.249.3 HTTP 596 GET /login.php HTTP/1.1
2755 26.830125 172.16.31.178 199.232.214.172 HTTP 256 GET /msdownload/update/v3/static/trustedr/en/disallowedcertstl.cab?efd23df81da5ea27 HTTP/1.1
Frame 91: Packet, 523 bytes on wire (4184 bits), 523 bytes captured (4184 bits) on interface \Device\
Ethernet II, Src: Intel_01:e5:5f (08:71:90:01:e5:5f), Dst: Sonicwall_ee:46:3d (18:b1:69:ee:46:3d)
Internet Protocol Version 4, Src: 172.16.31.178, Dst: 44.228.249.3
Transmission Control Protocol, Src Port: 55836, Dst Port: 80, Seq: 1, Ack: 1, Len: 469
Hypertext Transfer Protocol
wireshark_Wi-FiRNMLH3.pcapng
Packets: 2945 · Displayed: 5 (0.2%) · Dropped: 0 (0.0%)
Profile: Default
Search
ENG
IN
15:05
16-12-2025

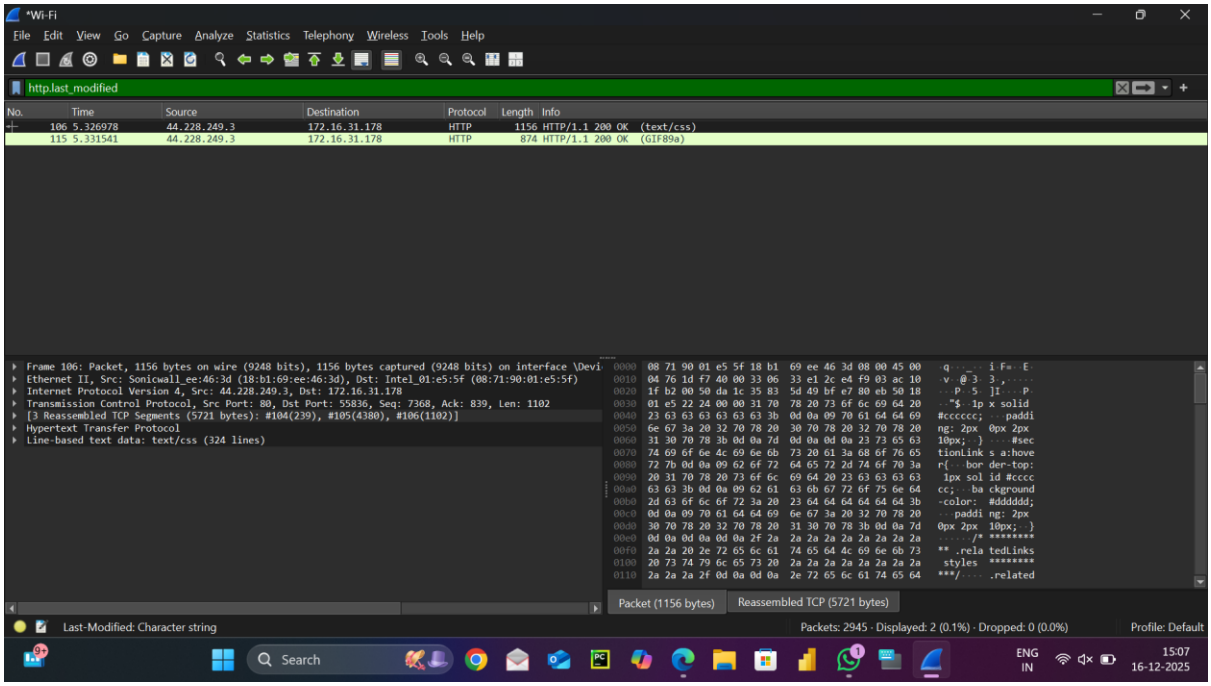
Q2)


*Wi-Fi
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
http.response.code==200
No. Time Source Destination Protocol Length Info
99 4.978227 44.228.249.3 172.16.31.178 HTTP 1342 HTTP/1.1 200 OK (text/html)
106 5.326978 44.228.249.3 172.16.31.178 HTTP 1156 HTTP/1.1 200 OK (text/css)
115 5.331541 44.228.249.3 172.16.31.178 HTTP 874 HTTP/1.1 200 OK (GIF89a)
2756 26.830129 44.228.249.3 172.16.31.178 HTTP 1342 HTTP/1.1 200 OK (text/html)
Frame 99: Packet, 1342 bytes on wire (10736 bits), 1342 bytes captured (10736 bits) on interface \Dev
Ethernet II, Src: Sonicwall_ee:46:3d (18:b1:69:ee:46:3d), Dst: Intel_01:e5:5f (08:71:90:01:e5:5f)
Internet Protocol Version 4, Src: 44.228.249.3, Dst: 172.16.31.178
Transmission Control Protocol, Src Port: 80, Dst Port: 55836, Seq: 1461, Ack: 470, Len: 1288
[2 Reassembled TCP Segments (2748 bytes): #98(1460), #99(1288)]
Hypertext Transfer Protocol, has 2 chunks (including last chunk)
Line-based text data: text/html (119 lines)
Packet (1342 bytes)
Reassembled TCP (2748 bytes)
De-chunked entity body (2484 bytes)
wireshark_Wi-FiRNMLH3.pcapng
Packets: 2945 · Displayed: 4 (0.1%) · Dropped: 0 (0.0%)
Profile: Default
Search
ENG IN
15:05 16-12-2025

Q3)

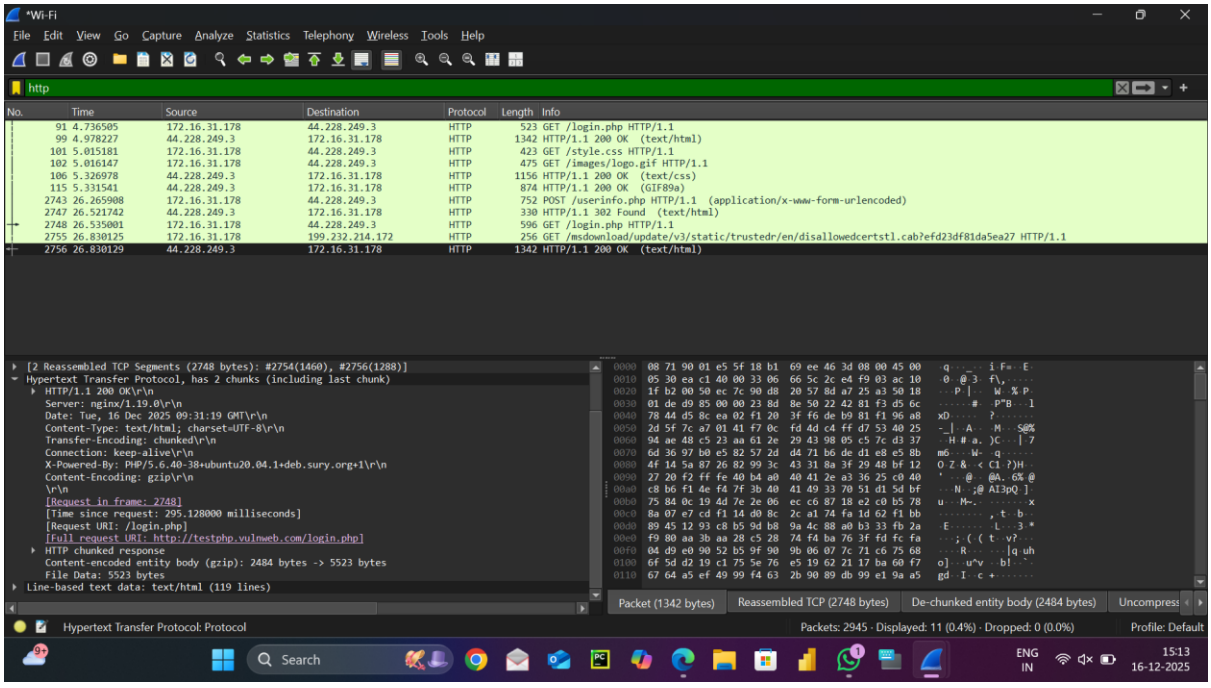

*Wi-Fi
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
http
No. Time Source Destination Protocol Length Info
91 4.736505 172.16.31.178 44.228.249.3 HTTP 523 GET /login.php HTTP/1.1
99 4.978227 44.228.249.3 172.16.31.178 HTTP 1342 HTTP/1.1 200 OK (text/html)
101 5.015181 172.16.31.178 44.228.249.3 HTTP 423 GET /style.css HTTP/1.1
102 5.016147 172.16.31.178 44.228.249.3 HTTP 475 GET /images/logo.gif HTTP/1.1
106 5.326978 44.228.249.3 172.16.31.178 HTTP 1156 HTTP/1.1 200 OK (text/css)
115 5.331541 44.228.249.3 172.16.31.178 HTTP 874 HTTP/1.1 200 OK (GIF89a)
2743 26.265908 172.16.31.178 44.228.249.3 HTTP 752 POST /userinfo.php HTTP/1.1 (application/x-www-form-urlencoded)
2747 26.521742 44.228.249.3 172.16.31.178 HTTP 330 HTTP/1.1 302 Found (text/html)
2748 26.535001 172.16.31.178 44.228.249.3 HTTP 596 GET /login.php HTTP/1.1
2755 26.830125 172.16.31.178 199.232.214.172 HTTP 256 GET /msdownload/update/v3/static/trustedr/en/disallowedcertstl.cab?efd23df81da5ea27 HTTP/1.1
2756 26.830129 44.228.249.3 172.16.31.178 HTTP 1342 HTTP/1.1 200 OK (text/html)
[2 Reassembled TCP Segments (2748 bytes): #2754(1460), #2756(1288)]
Hypertext Transfer Protocol, has 2 chunks (including last chunk)
HTTP/1.1 200 OK\r\n
Server: nginx/1.19.0\r\n
Date: Tue, 16 Dec 2025 09:31:19 GMT\r\n
Content-Type: text/html; charset=UTF-8\r\n
Transfer-Encoding: chunked\r\n
Connection: keep-alive\r\n
X-Powered-By: PHP/5.6.40-38+ubuntu20.04.1+deb.sury.org+1\r\n
Content-Encoding: gzip\r\n
\r\n
[Request in frame: 2748]
[Time since request: 295.128000 milliseconds]
[Request URI: /login.php]
[full request URI: http://testphp.vulnweb.com/login.php]
HTTP chunked response
Content-encoded entity body (gzip): 2484 bytes -> 5523 bytes
File Data: 5523 bytes
Line-based text data: text/html (119 lines)
Packet (1342 bytes)
Reassembled TCP (2748 bytes)
De-chunked entity body (2484 bytes)
Hypertext Transfer Protocol: Protocol
Packets: 2945 · Displayed: 11 (0.4%) · Dropped: 0 (0.0%)
Profile: Default
Search
ENG IN
15:13 16-12-2025

Q4)

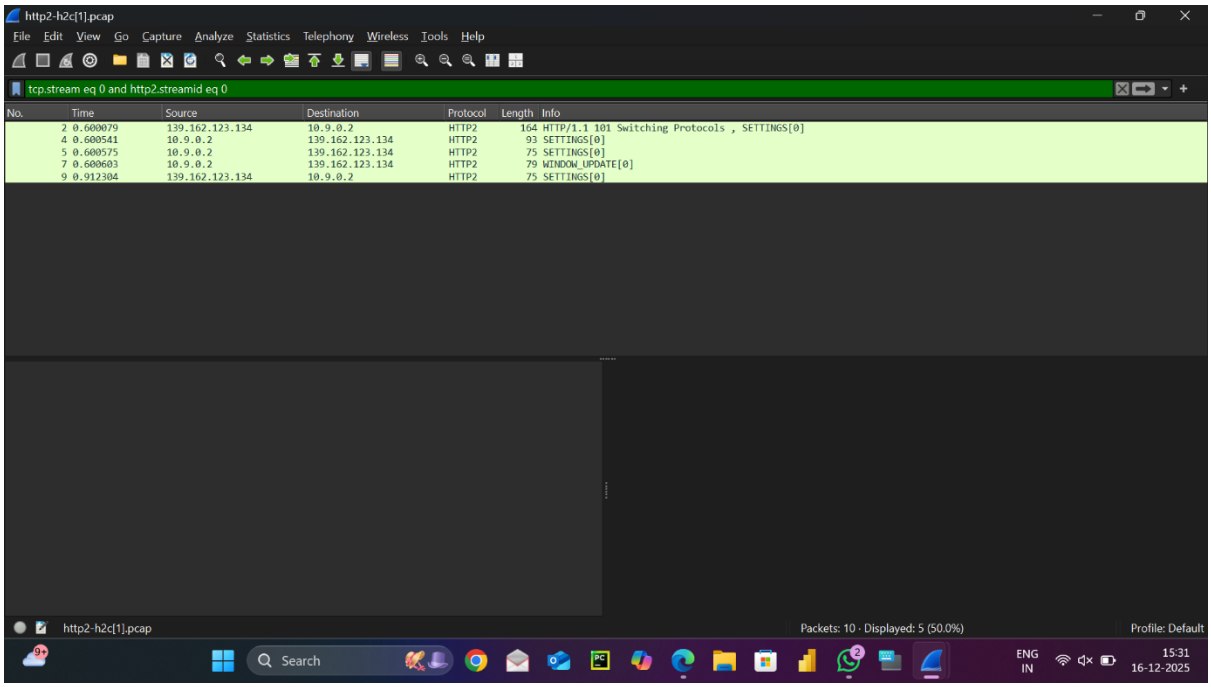

*Wi-Fi
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
http.last_modified
No. Time Source Destination Protocol Length Info
106 5.326978 44.228.249.3 172.16.31.178 HTTP 1156 HTTP/1.1 200 OK (text/css)
115 5.331541 44.228.249.3 172.16.31.178 HTTP 874 HTTP/1.1 200 OK (GIF89a)
Frame 106: Packet, 1156 bytes on wire (9248 bits), 1156 bytes captured (9248 bits) on interface \Devi
Ethernet II, Src: Sonicwall_ee:46:3d (18:b1:69:ee:46:3d), Dst: Intel_01:e5:5f (08:71:90:01:e5:5f)
Internet Protocol Version 4, Src: 44.228.249.3, Dst: 172.16.31.178
Transmission Control Protocol, Src Port: 80, Dst Port: 55836, Seq: 7368, Ack: 839, Len: 1102
[3 Reassembled TCP Segments (5721 bytes): #104(239), #105(4380), #106(1102)]
Hypertext Transfer Protocol
Line-based text data: text/css (324 lines)
Packet (1156 bytes)
Reassembled TCP (5721 bytes)
Last-Modified: Character string
Packets: 2945 · Displayed: 2 (0.1%) · Dropped: 0 (0.0%)
Profile: Default
Search
ENG IN
15:07 16-12-2025

Task3

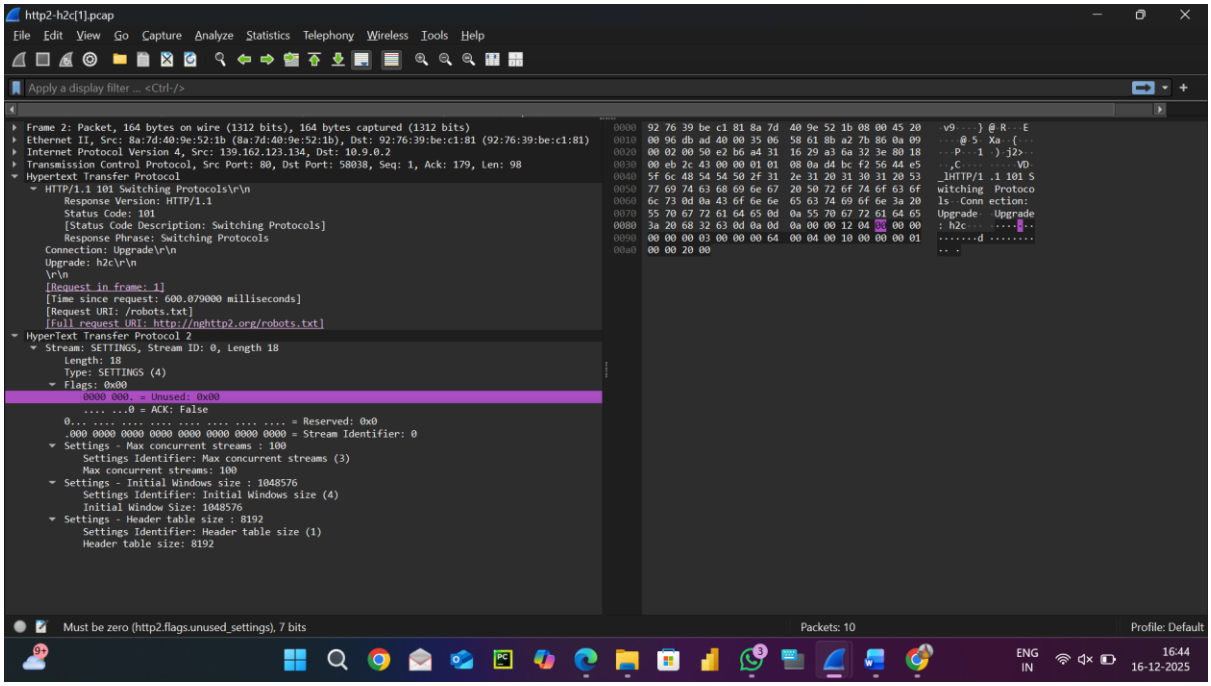
Q1)


*Wi-Fi
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
http
No. Time Source Destination Protocol Length Info
91 4.736505 172.16.31.178 44.228.249.3 HTTP 523 GET /login.php HTTP/1.1
99 4.978227 44.228.249.3 172.16.31.178 HTTP 1342 HTTP/1.1 200 OK (text/html)
101 5.015181 172.16.31.178 44.228.249.3 HTTP 423 GET /style.css HTTP/1.1
102 5.016147 172.16.31.178 44.228.249.3 HTTP 475 GET /images/logo.gif HTTP/1.1
106 5.326978 44.228.249.3 172.16.31.178 HTTP 1156 HTTP/1.1 200 OK (text/css)
115 5.331541 44.228.249.3 172.16.31.178 HTTP 874 HTTP/1.1 200 OK (GIF89a)
2743 26.265908 172.16.31.178 44.228.249.3 HTTP 752 POST /userinfo.php HTTP/1.1 (application/x-www-form-urlencoded)
2747 26.521742 44.228.249.3 172.16.31.178 HTTP 330 HTTP/1.1 302 Found (text/html)
2748 26.535001 172.16.31.178 44.228.249.3 HTTP 596 GET /login.php HTTP/1.1
2755 26.830125 172.16.31.178 199.232.214.172 HTTP 256 GET /msdownload/update/v3/static/trustedr/en/disallowedcertstl.cab?efd23df81da5ea27 HTTP/1.1
2756 26.830129 44.228.249.3 172.16.31.178 HTTP 1342 HTTP/1.1 200 OK (text/html)
[2 Reassembled TCP Segments (2748 bytes): #2754(1460), #2756(1288)]
Hypertext Transfer Protocol, has 2 chunks (including last chunk)
HTTP/1.1 200 OK\r\n
Server: nginx/1.19.0\r\n
Date: Tue, 16 Dec 2025 09:31:19 GMT\r\n
Content-Type: text/html; charset=UTF-8\r\n
Transfer-Encoding: chunked\r\n
Connection: keep-alive\r\n
X-Powered-By: PHP/5.6.40-38+ubuntu20.04.1+deb.sury.org+1\r\n
Content-Encoding: gzip\r\n
\r\n
[Request in frame: 2748]
[Time since request: 295.128000 milliseconds]
[Request URI: /login.php]
[Full request URI: http://testphp.vulnweb.com/login.php]
HTTP chunked response
Content-encoded entity body (gzip): 2484 bytes -> 5523 bytes
File Data: 5523 bytes
Line-based text data: text/html (119 lines)
Packet (1342 bytes)
Reassembled TCP (2748 bytes)
De-chunked entity body (2484 bytes)
Uncompress
Hypertext Transfer Protocol: Protocol
Packets: 2945 · Displayed: 11 (0.4%) · Dropped: 0 (0.0%)
Profile: Default
Search
ENG IN
15:13 16-12-2025

Q2)


http2-h2c[1].pcap
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
tcp.stream eq 0 and http2.streamid eq 0
No. Time Source Destination Protocol Length Info
2 0.600079 139.162.123.134 10.9.0.2 HTTP2 164 HTTP/1.1 101 Switching Protocols , SETTINGS[0]
4 0.600541 10.9.0.2 139.162.123.134 HTTP2 93 SETTINGS[0]
5 0.600575 10.9.0.2 139.162.123.134 HTTP2 75 SETTINGS[0]
7 0.600603 10.9.0.2 139.162.123.134 HTTP2 79 WINDOW_UPDATE[0]
9 0.912304 139.162.123.134 10.9.0.2 HTTP2 75 SETTINGS[0]
http2-h2c[1].pcap
Packets: 10 · Displayed: 5 (50.0%)
Profile: Default
Search
ENG IN
15:31 16-12-2025

Q3)


http2-h2c[1].pcap
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
Apply a display filter ... <Ctrl-/>
Frame 2: Packet, 164 bytes on wire (1312 bits), 164 bytes captured (1312 bits)
Ethernet II, Src: 8a:7d:40:9e:52:1b (8a:7d:40:9e:52:1b), Dst: 92:76:39:be:c1:81 (92:76:39:be:c1:81)
Internet Protocol Version 4, Src: 139.162.123.134, Dst: 10.9.0.2
Transmission Control Protocol, Src Port: 80, Dst Port: 58038, Seq: 1, Ack: 179, Len: 98
Hypertext Transfer Protocol
HTTP/1.1 101 Switching Protocols\r\n
Response Version: HTTP/1.1
Status Code: 101
[Status Code Description: Switching Protocols]
Response Phrase: Switching Protocols
Connection: Upgrade\r\n
Upgrade: h2c\r\n
\r\n
[Request in frame: 1]
[Time since request: 600.079000 milliseconds]
[Request URI: /robots.txt]
[Full request URI: http://nghttp2.org/robots.txt]
HyperText Transfer Protocol 2
Stream: SETTINGS, Stream ID: 0, Length 18
Length: 18
Type: SETTINGS (4)
Flags: 0x00
0000 000. = Unused: 0x00
....0 = ACK: False
0... .... = Reserved: 0x0
.000 0000 0000 0000 0000 0000 0000 0000 = Stream Identifier: 0
Settings - Max concurrent streams : 100
Settings Identifier: Max concurrent streams (3)
Max concurrent streams: 100
Settings - Initial Windows size : 1048576
Settings Identifier: Initial Windows size (4)
Initial Window Size: 1048576
Settings - Header table size : 8192
Settings Identifier: Header table size (1)
Header table size: 8192
Must be zero (http2.flags.unused_settings), 7 bits
Packets: 10
Profile: Default
ENG IN
16:44 16-12-2025