

## PACKET ANALYZER TOOL

### AIM:

To Analyse the network packet transmission using packet analyzer tool (Wireshark).

### PROCEDURE:

1. Capture the packets (TCP / UDP / HTTP)
2. Filter those packets
3. Inspect those packets

Step 1: Install and open WireShark .

Step 2: To capture TCP / UDP /HTTP Packet.

Step 3: to Filter TCP / UDP /HTTP Packet.

Step4: to inspect the TCP / UDP /HTTP Packet.

### OUTPUT

Wireshark network traffic analysis interface showing two captures. The top capture is for a Transmission Control Protocol (TCP) connection, and the bottom capture is for a Hypertext Transfer Protocol (HTTP) connection.

**Top Capture: Transmission Control Protocol**

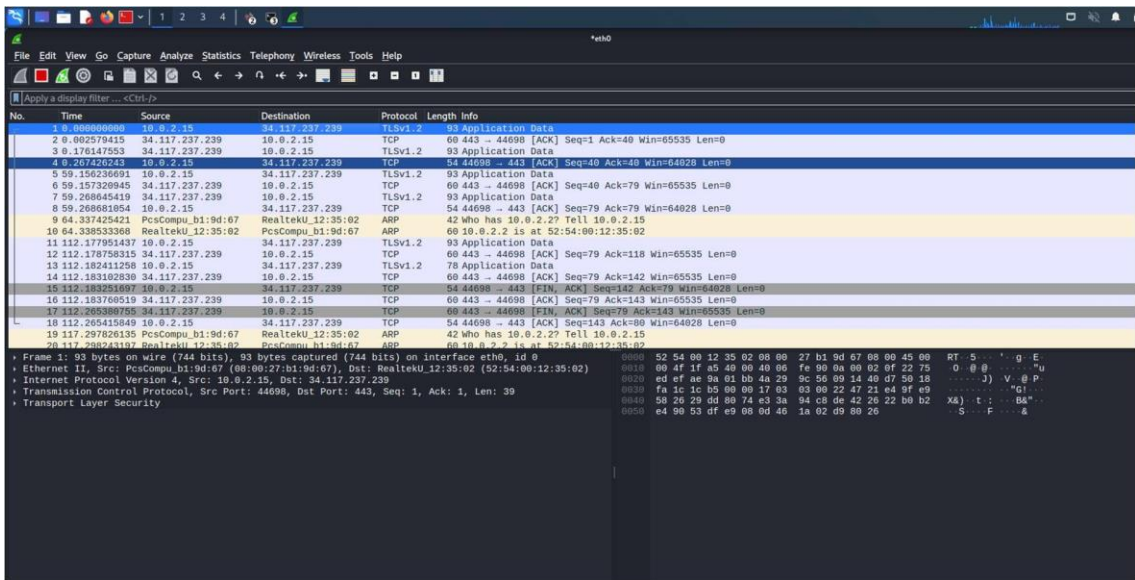
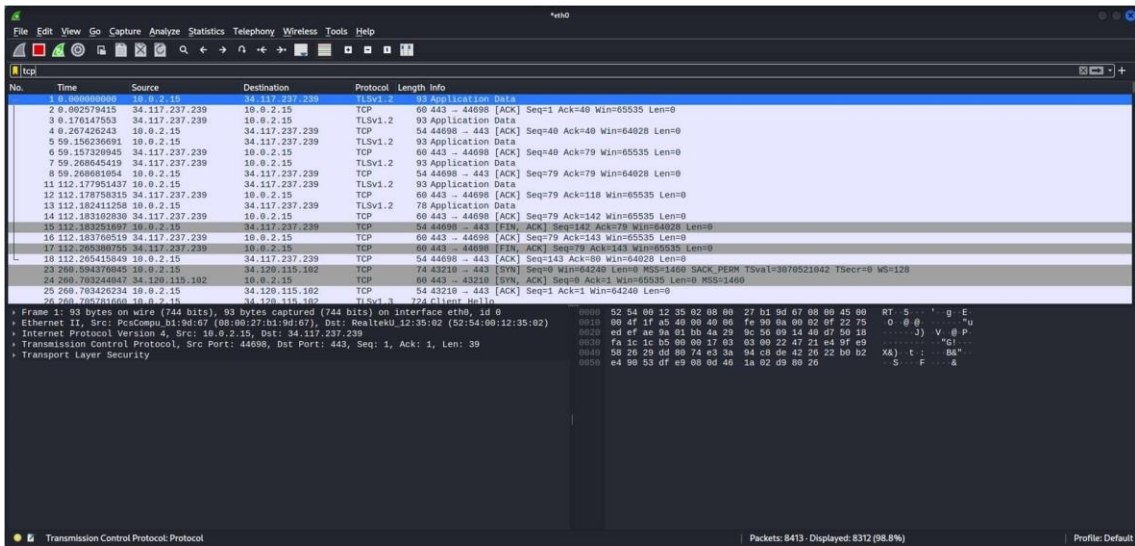
Source Port: 57276, Destination Port: 443, Seq: 1, Len: 0

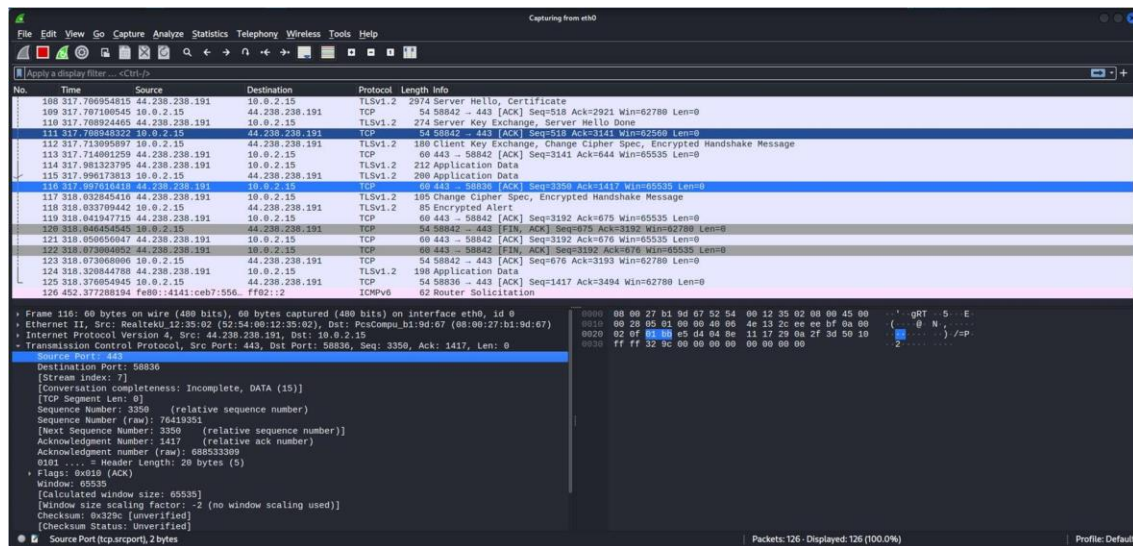
Sequence Number: 1 (relative sequence number)  
Sequence Number (raw): 1932971538  
Next Sequence Number: 1 (relative sequence number)  
Acknowledgment Number: 0  
Acknowledgment number (raw): 0  
Header Length: 20 bytes (5)

**Bottom Capture: Hypertext Transfer Protocol**

Host: scsp.pki.goog/vr/n  
User-Agent: Mozilla/5.0 (X11; Linux x86\_64; rv:102.0) Gecko/20100101 Firefox/102.0/vr/n  
Accept: \*/\*  
Accept-Language: en-US,en;q=0.5  
Accept-Encoding: gzip, deflate  
Content-Type: application/osp-request  
Content-Length: 83  
Connection: keep-alive  
Cache-Control: no-cache

Full request URI: http://scsp.pki.goog/tlsic3  
[HTTP request 1/1]  
File Data: 83 bytes





## Result

Hence the analysing of the network packet transmission using packet analyzer tool (Wireshark) is performed successfully.