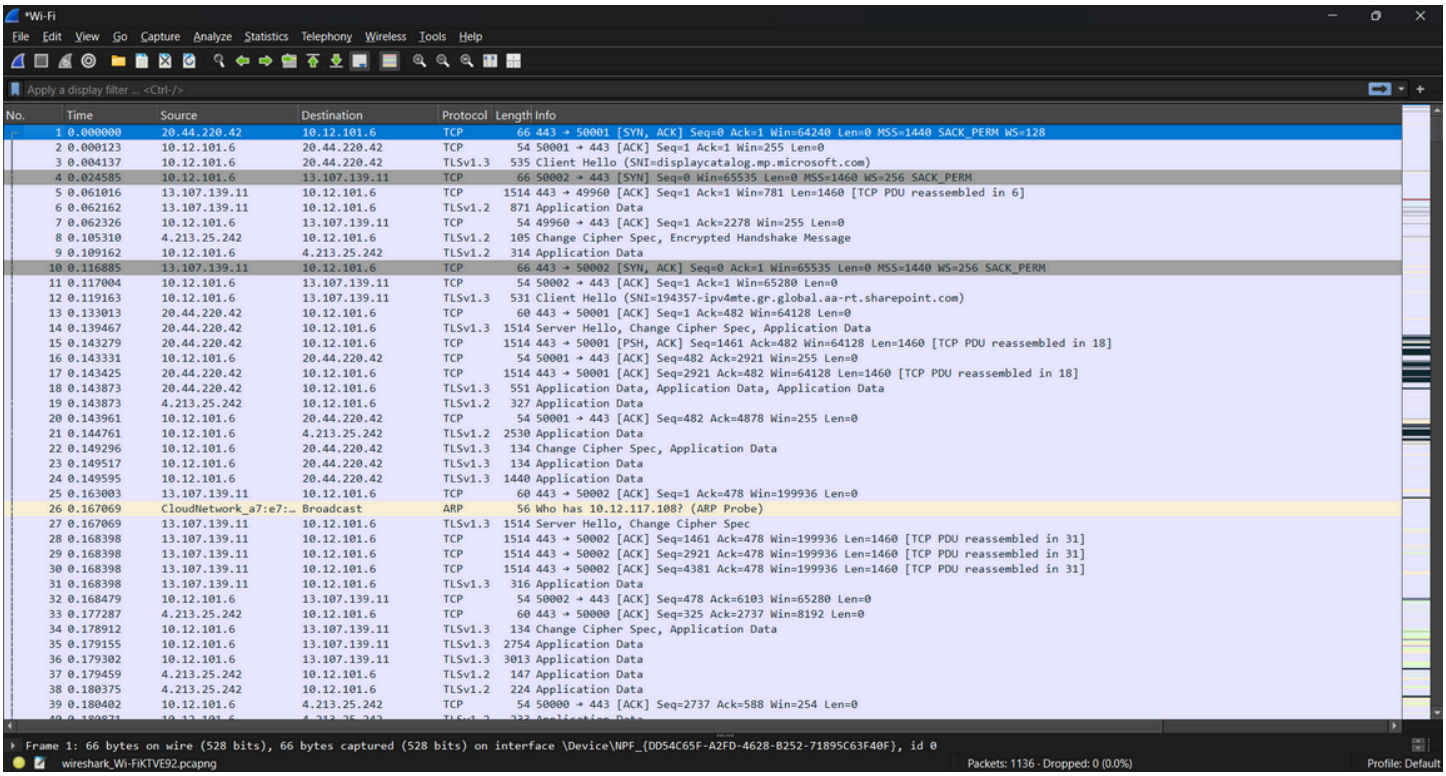
ELEVATE LABS CYBERSECURITY INTERNSHIP

Task-5:

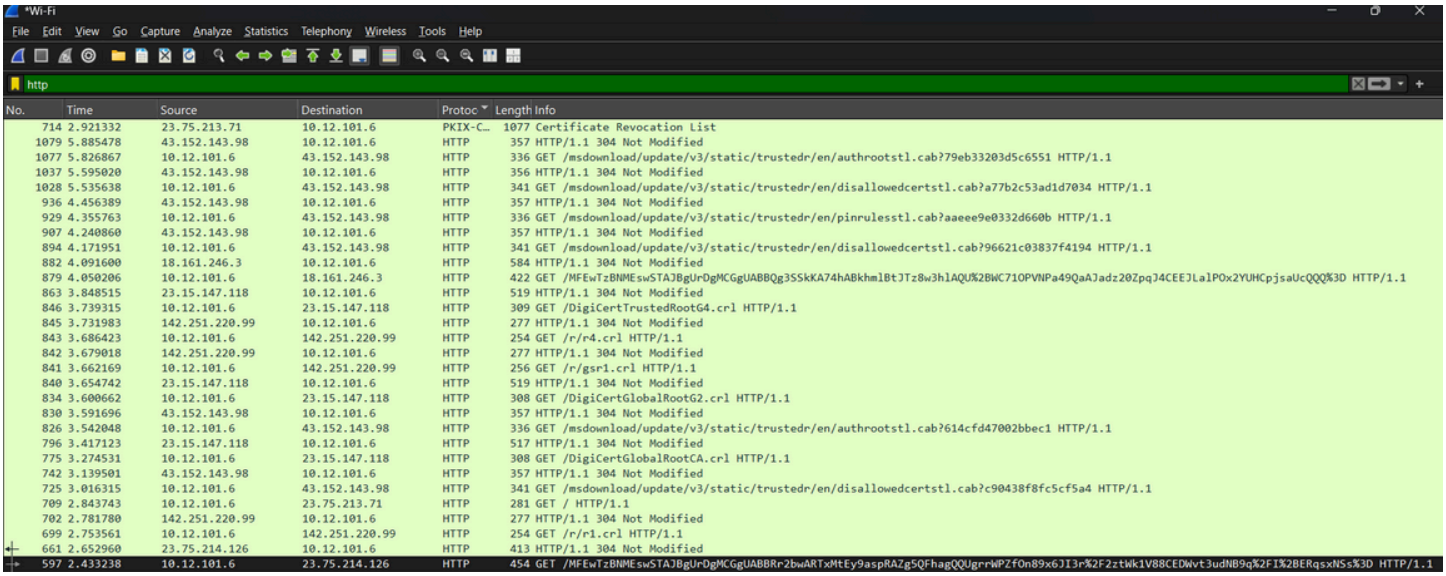
2,3)
Capturing packets over my wifi



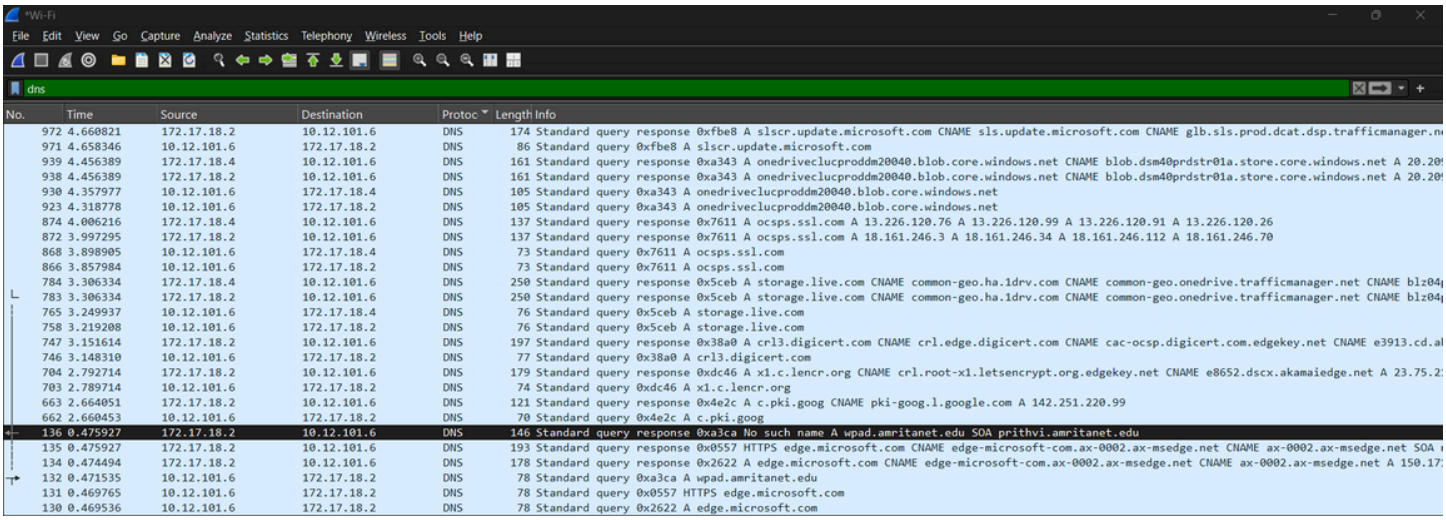
Can be seen at bottom that over 1136 packets have been captured

4)

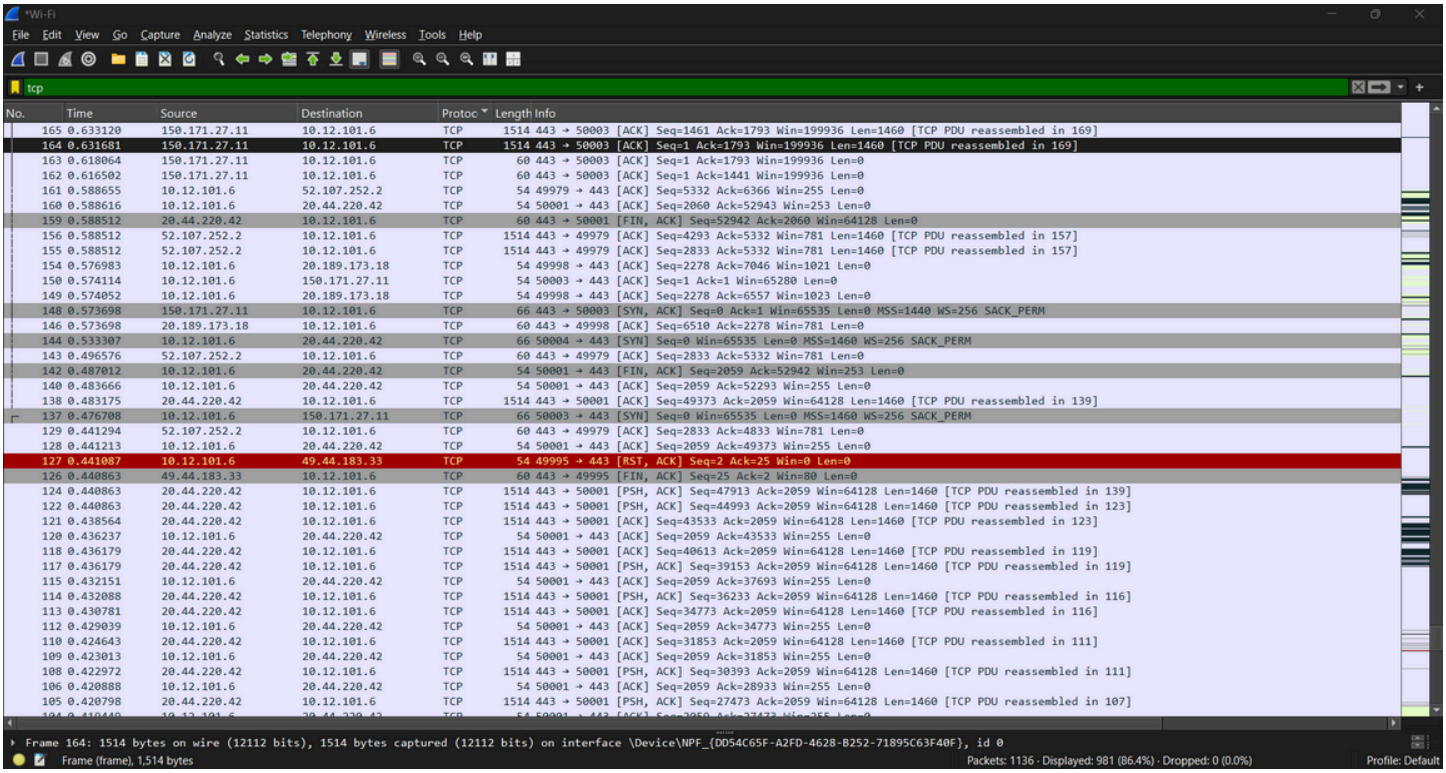
Display filter http:



Display filter DNS:



Display Filter TCP:



6)

There are various protocol based packets that have been captured as can be seen above such as DNS, TCP, HTTP and also packets of TLS and ARP are also observed in the log

8)

After capturing network traffic using Wireshark for one minute I identified multiple protocols including TCP, DNS, and HTTP DNS was used to resolve domain names when browsing websites TCP managed the reliable transmission of packets and HTTP handled the actual website data transfer The capture confirmed active communication between my system and web servers and I saved the data as a TASK-5.pcap file for further analysis.