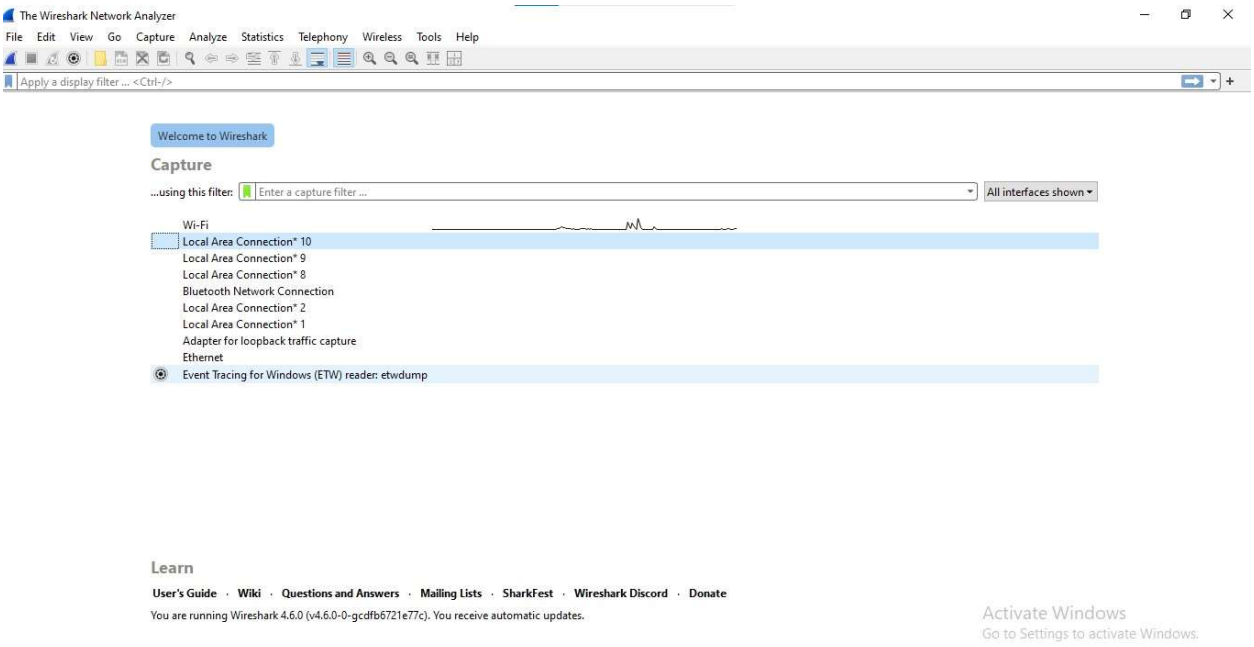
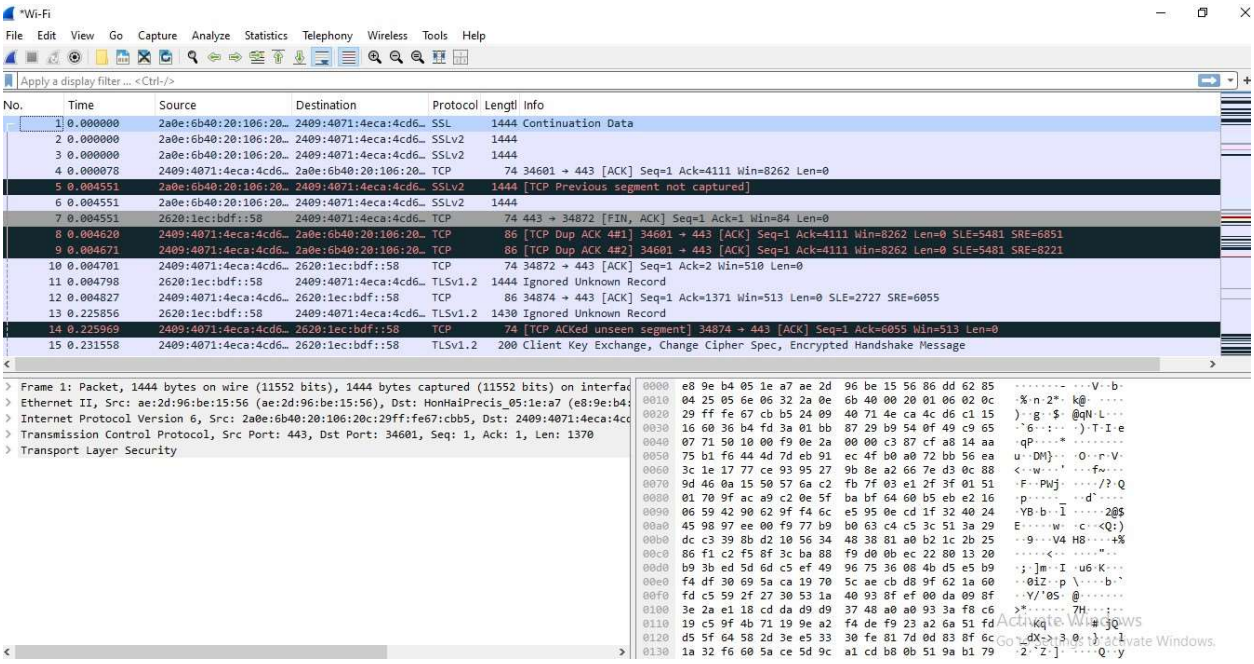
Capture and Analyze Network Traffic Using Wireshark.

1. Installation of wireshark

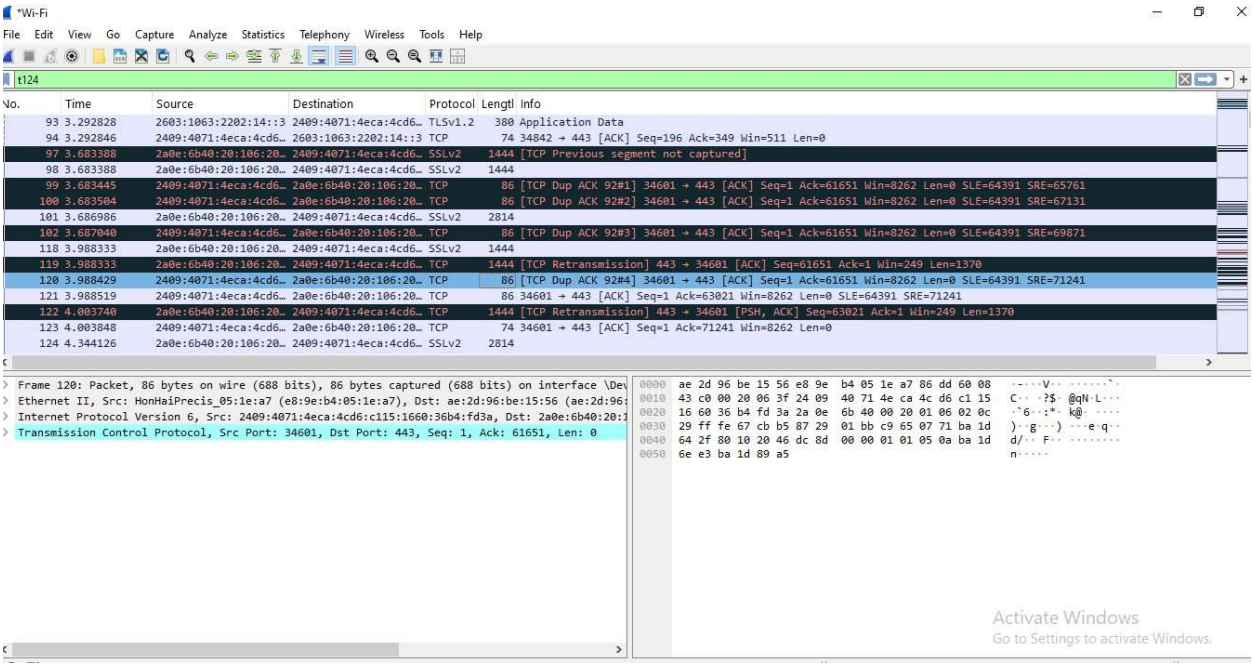


2. Capturing active network interface

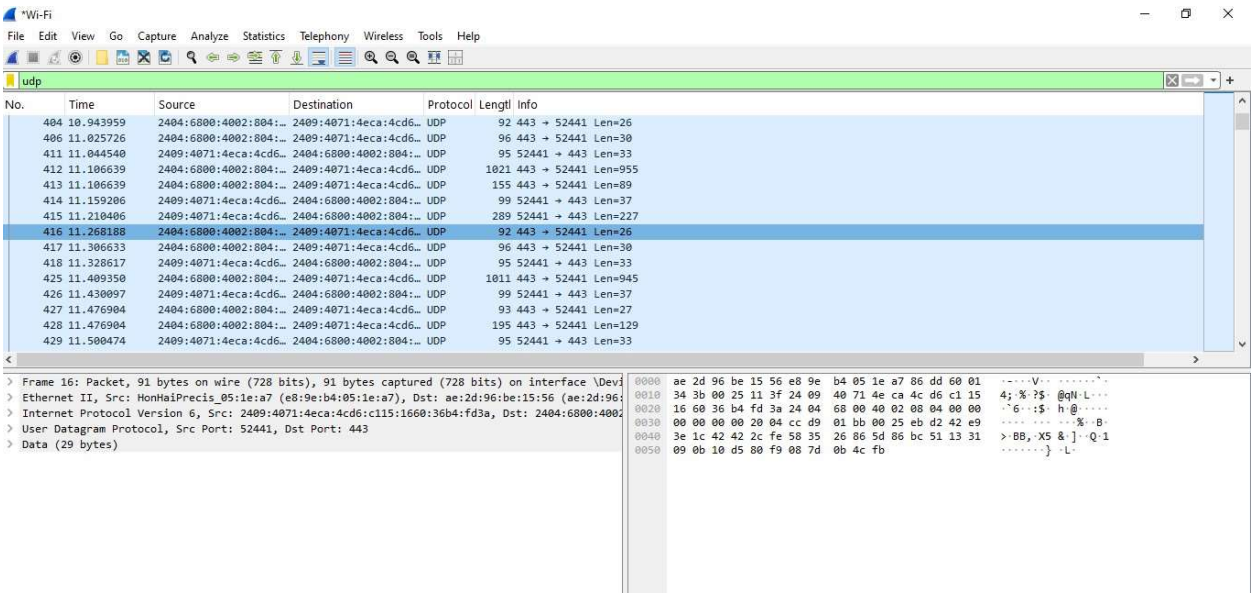


3.browsed website to generate traffic and captured the packets

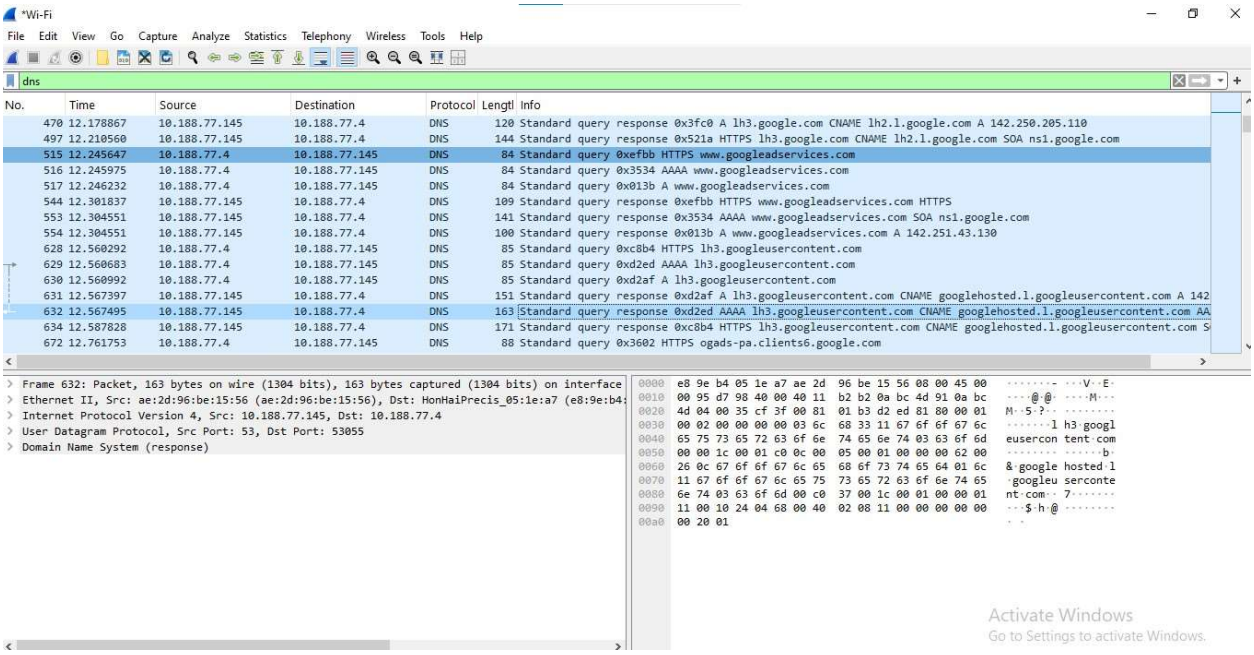
Tcp



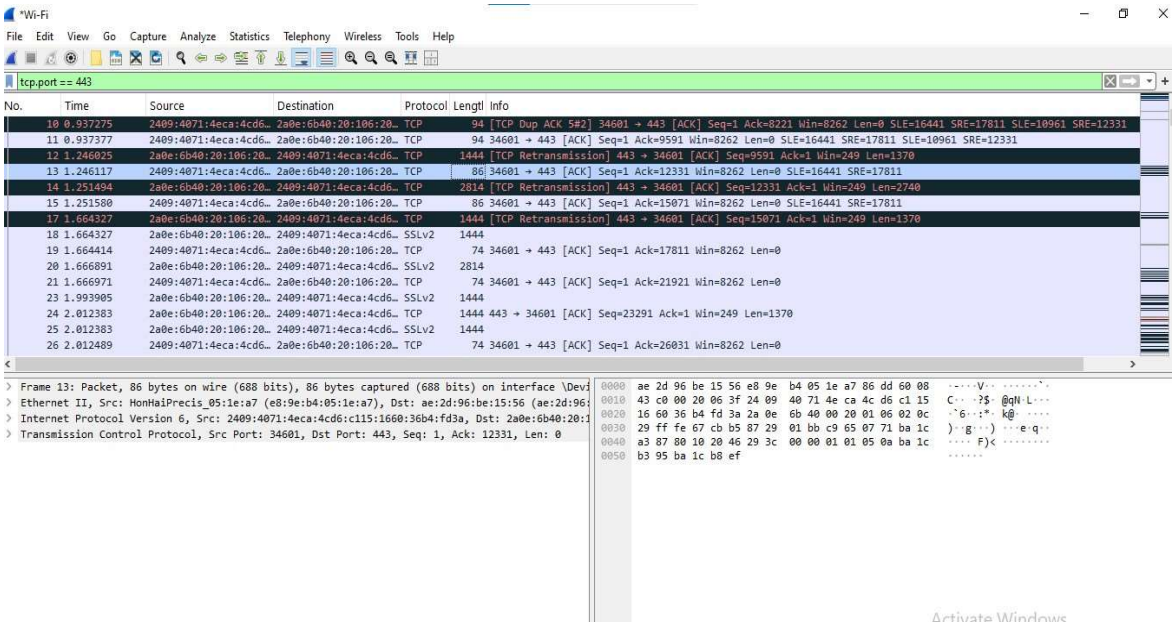
Udp



DNS



https(port 443)



summary

The packet capture indicates normal browsing behavior with one suspicious outbound connections to unknown IP addresses over port 35579. Multiple DNS queries were responded, some SYN packets and repeated TCP ACK packets suggest a potential port scan or successful connection attempt. No data exfiltration was observed.