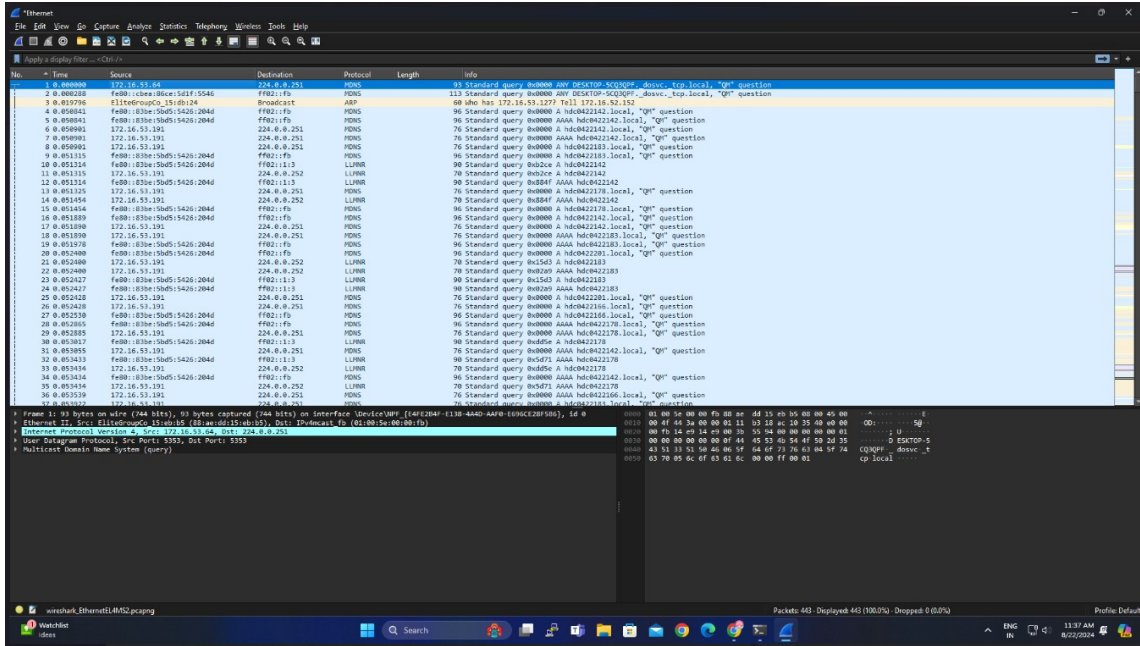


EXPERIMENT – 5

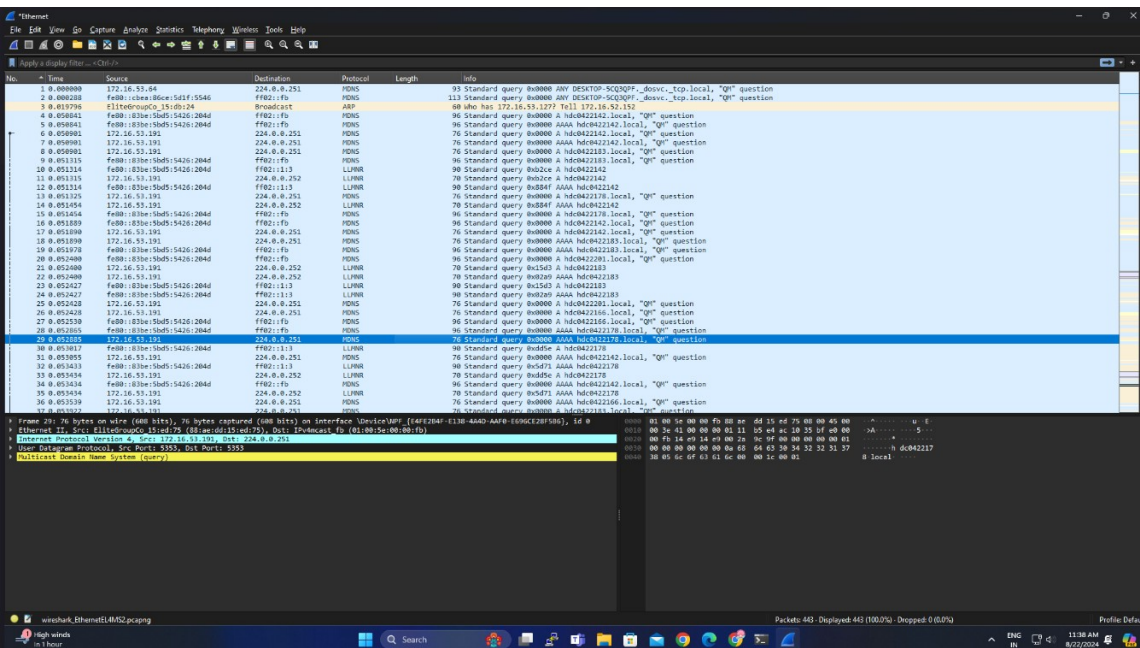
AIM: - Experiments on Packet capture tool: Wireshark

CAPTURING AND ANALYSING PACKETS USING WIRESHARK TOOL:

Packet 1:



Packet 2:



Packet 3:

The screenshot shows a Wireshark packet capture of network traffic. The packet list on the left shows several DNS queries. Packet 3 is selected, and its details pane shows the following information:

- Ethernet II, Src: Realtek-8000:00:02:19:00:00, Dst: Realtek-8000:00:02:19:00:00 (192.168.1.101):**
- Internet Protocol Version 4, Src: 192.168.1.101, Dst: 192.168.1.1:**
- User Datagram Protocol, Src Port: 54321, Dst Port: 53:**
- Link-local Multicast Name Resolution (query):**

The packet data shows a DNS query for the domain 'www.example.com'.

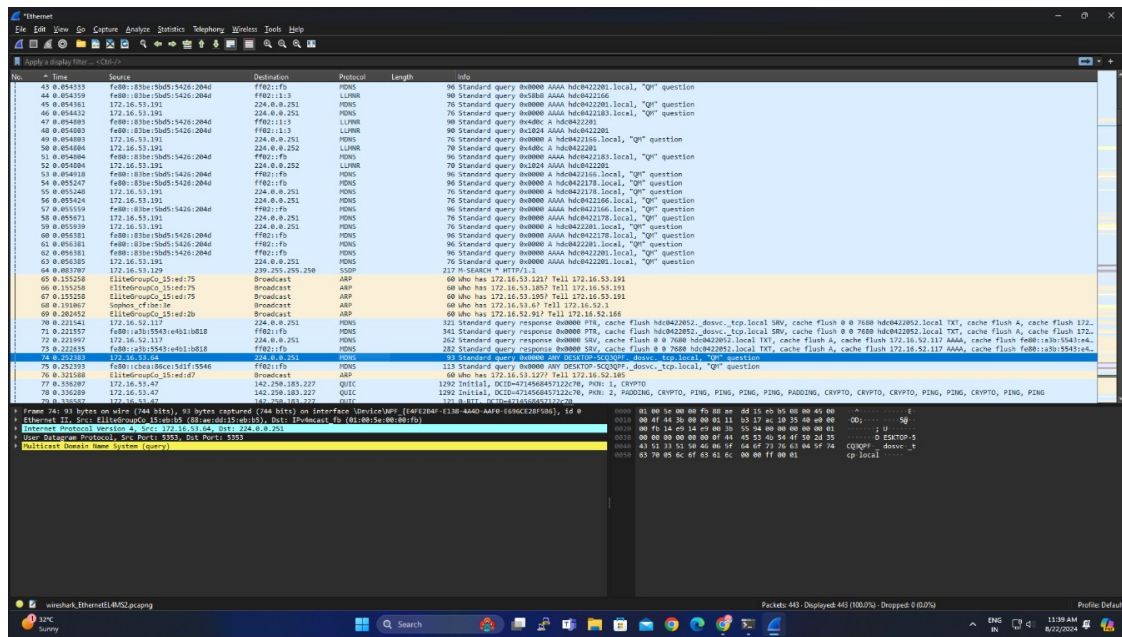
Packet 4:

The screenshot shows a Wireshark packet capture of network traffic. The packet list on the left shows several DNS queries. Packet 4 is selected, and its details pane shows the following information:

- Ethernet II, Src: Realtek-8000:00:02:19:00:00, Dst: Realtek-8000:00:02:19:00:00 (192.168.1.101):**
- Internet Protocol Version 4, Src: 192.168.1.101, Dst: 192.168.1.1:**
- User Datagram Protocol, Src Port: 54321, Dst Port: 53:**
- Link-local Multicast Name Resolution (query):**

The packet data shows a DNS query for the domain 'www.example.com'.

Packet 5:



RESULT: -
Capturing and analysing the packets have been done successfully using Wireshark.