



# **Experiment: 1**

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### Web and Mobile Security

**Aim:** Open any website on computer system and identify http packets on monitoring tool like wireshark

**Objective:** To analyse http traffic.

**Software/Hardware Requirements:** Window 7 and above version

#### **Tools Used:**

1. Wireshark Packet sniffer and Packet Capture Library.

2. Microsoft word.

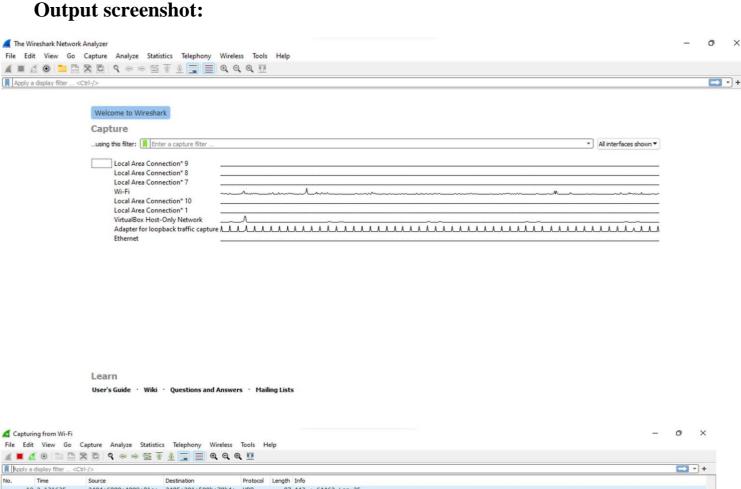
## **Steps/Method/Coding:**

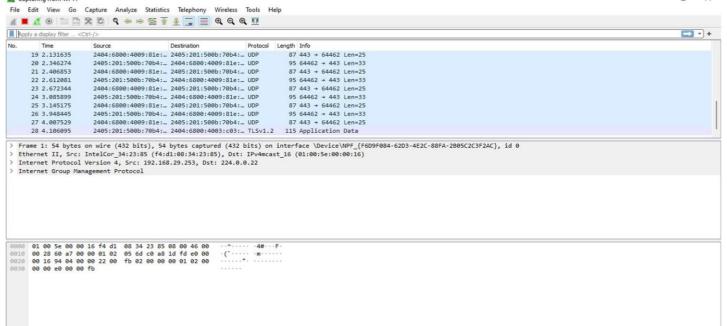
- 1. Install Wireshark.
- 2. Open your Internet browser.
- 3. Clear your browser cache.
- 4. Open Wireshark
- 5. Click on "Capture > Interfaces". A pop-up window will display.
- 6. You'll want to capture traffic that goes through your Ethernet driver. Click on the Start buttonto capture traffic via this interface.
- 7. Visit the URL that you wanted to capture the traffic from.
- 8. Go back to your Wireshark screen and press Ctrl + E to stop capturing.
- 9. After the traffic capture is stopped, please save the captured traffic into a\*.pcap format file and attach it to your support ticket.







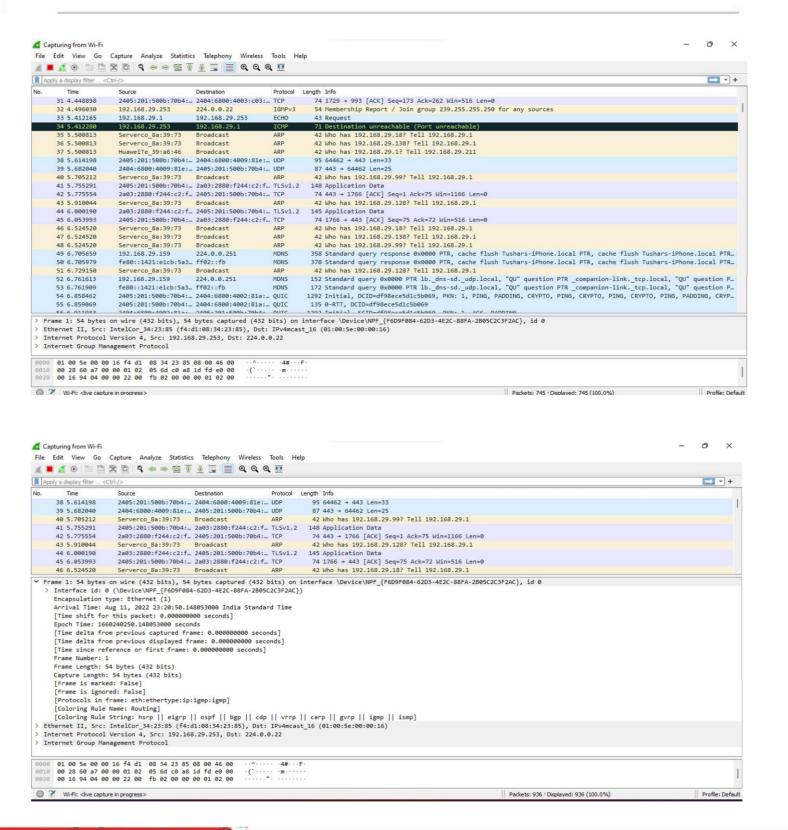








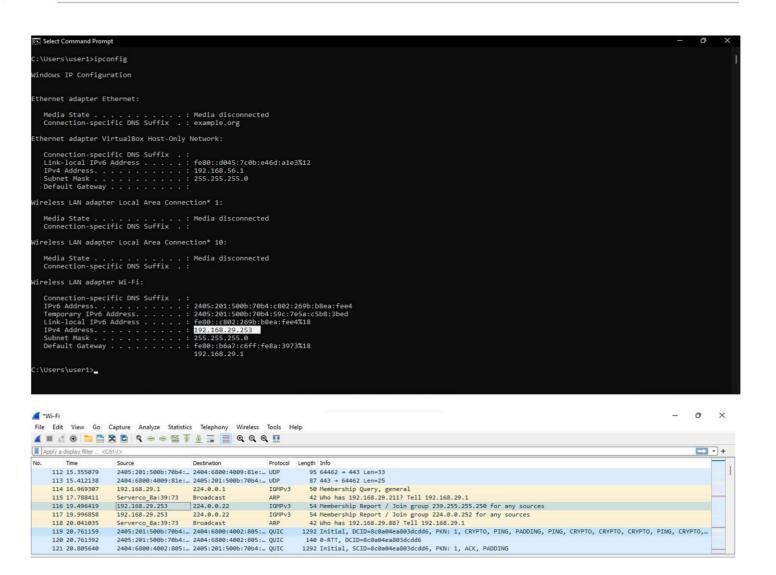












## **Learning Outcomes (What I have learnt):**

- Became familiar with how and when to capture the data packet appropriately.
- The aim is to help you develop and understanding of packet-sniffer placement.
- I got to know the different guidelines for Packet Sniffing in network and internet working environment.

