

ix. no. 5
Date: 01/8/24

Practical - 5

Aim:

Experiment on packet capture tool Wireshark

- * Capture network.
- * Decode packet.
- * Define filter
- * Analyse Problem.

Packet Sniffer:

- ⇒ Sniffs Messages being sent/received from your computer.
- ⇒ Store and display the content of the various protocol fields in the message
- ⇒ Passive program.

Student observation:

1. What is promiscuous mode?
Promiscuous mode allows the network interface card to capture all traffic on a network segment.
2. Does ARP packets has transport layer header explain?
ARP packets do not have transport layer header they operate at the data link layer.
3. Which transport layer protocol is used by DNS?
DNS primarily uses UDP
1. What is the port number used?
Http uses port number 80.

5. what is a broadcast IP address?
IPv4.

- * Analyse Problem.
- * Define filter
- * Create packet
- * Capture network

Packet Sniffer:
State and display the content of the network packet. It is used to capture and display the content of the network packet. It is used to capture and display the content of the network packet.

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Result:
Thus the program was successfully executed and output was verified.

14/9/21