EX:5 Date: 9/8/2024

> Experiments on Packet capture tool: Widelhark

Aim: To Experiments on Packet capture tool: Wireshark

Packet Smiffer.

· Snift mellage being sent/recieved hom/by Complifel

· Slored & desplay content of various Protacol

· Passive Program

- hevor send Packes itsly

- no Packet addrelled to it

- recieved a copy of all Packst

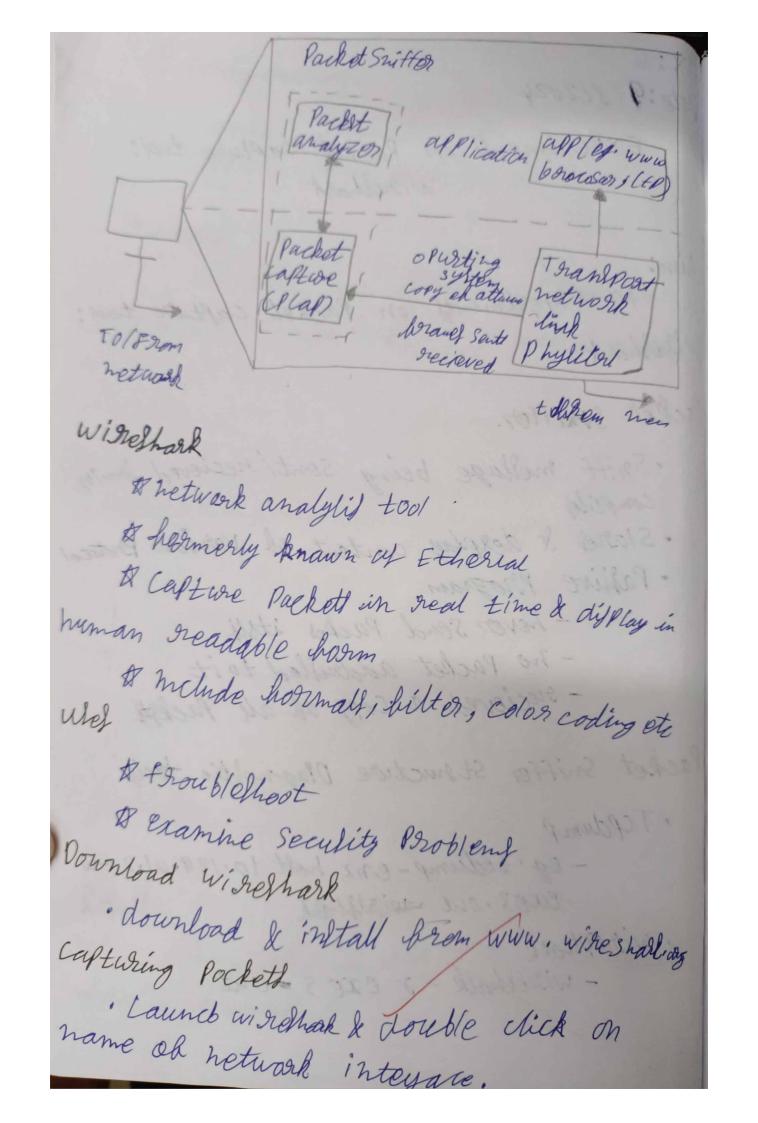
Packet Sniffer Staucture Diagnostic tools

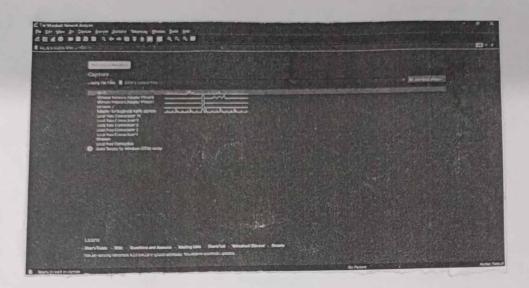
· Toldump

-eg. tedump-enx holt 10.129-41.2 -w exez. out wishbark

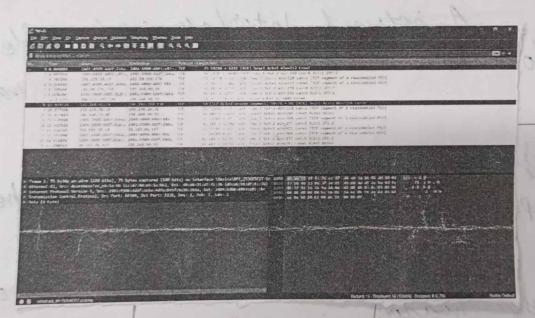
. Wireshack

- wireshalk - 2 exe 3 = out





As soon as you click the interface name you'll see the Packet starts to appear in red ting



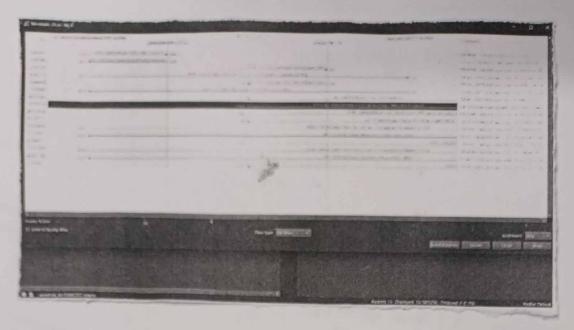
Packet details

Packet Byto

Packet list

Flow graph

-> network interbace -> statistics ->



Student Observation

1 What is Promiscoul Mode?

A network Interbale card mode that allows it to capture all trabbic intended for its own mac address

2, Does ARP Packets hat transport tayer header?

No ARP Packets do not have tremport

3, Which toronsport Cayer Porotocol is used by

- Upp (User datagram Protocol)

41 Post number used by HTTP Protocol ->80

5, what if a broadcast ip address ? + whed to send data to all devices on a network - For 1PV4, It is highest oddrelf in a subret.

Robert: 8 9/8/24

thus the lacket capturing 6001 wireshask is installed & studied.