Experiment 5 Dak 9-8-24

Experiment on Packet Capture toot: Wireshork

Packet Smiffer.

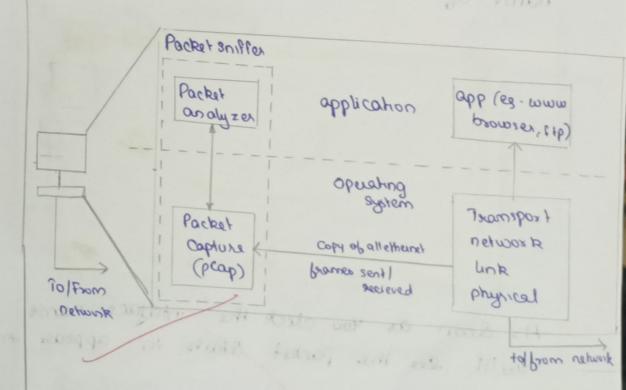
- · Snift message being Sentlaucieved brom/by Computer
- · Sloves 4 dusplay content of vasious protoco!
- · borring brodrows
 - never send packet itself
 - to of becaute to it
 - -secieved a copy of all packets

Packet Sniffer staucture Diognostic tools

· 1cpdump

-68. tegrimb -6000 por 10.154.41.5 -m exe3.00+

-wiseshark-2 exe3-out



Wiseshark

- * network analysis tool
- * formerly known as Etherial
- + capture packets in head time a display in human headable form

15 8 P 2400

* molude formals, filter, colors cooling et c.

prod spram Horse

Uses

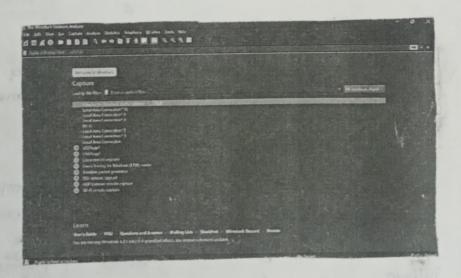
- * foodbleshoot
- + examine decuity problems

Download Wiseshark

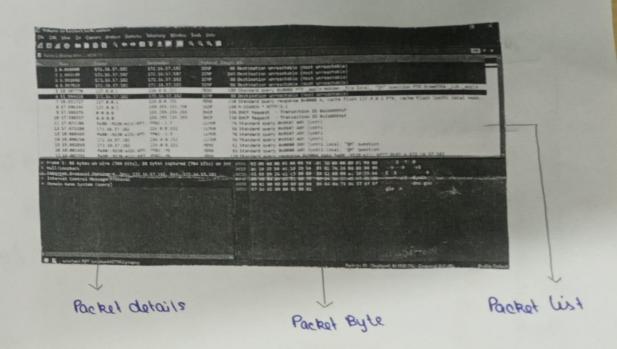
ero, suche exeru. aum mort Materi & boalnuab.

Capturing pockets

name of network interface



As doon as you click the interface name you'll see the packet steams to appear in seal time



the Colosicoding suces

+ colours have been assigned for each packets View -> coloring Rules

acidoviered tombores

Tillering packets

* display orderly was more

> type into filler bon at top of window

TOP Conversation

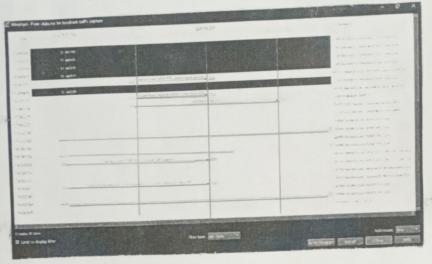
proight ouck on a packet -> follow -> 7cp Stream and and and and and and a

Inspect Packet

> click a packed to view details of packed ? dig down

dasep walt

> network interface -> obtatistics -> low graph



Student Observation

1) what is priomiscous Mode?

mode l'almonte Interface Cand mode mode that allows it to capture all trayer on the network, not just the traffic intended for its own mac address water hong to on hon topod

2) Does ARP pockets has transport tayer header? Caplain.

No ARP packets do not have

much pil

- 3) which transport layer protocol is used by ons
 - -> UDP (User datagram Protocol)
- HOOTER OF THE BY HOLD THEOD (H) OB C
- 5) what is a bound cast ip address?

 Suped to seemed data to all devices
 on a network. For IPVH, it is highest
 address in a submet

8 g/8/24.

Result

when the packet capturing tool.