Tool Exploration Wire - Shark

Wire-Shork is an open (dool) source packet analyzer, which is used for education, analysis, stoftware development, communication protocol development and network, trouble shading. It is used to track packets so that each one is filtered to meet our specific needs. It is commonly called as shaffer, needs. It is commonly called as shaffer, the protocol analyzer and network analyzer.

It is also used by network security engineers to examine security problems.

which is a few to use application which is used to apprehend the data back and footh. It is often called cas fee packet shiften computer application. It puts the network card into an unselective made, i.e., to accept call the packets which it receives.

URES:

Wireshark can be used in the following ways:

- 17 It is used by netuosik security engineers to examine the security problems.
- 27 It allows the years to watch all the traffic being passed over the notwork.
- 3> It is yeld by network engineers to troubles host network if each .
- 47 It also helps to troubles host lateury issues and malicious activities on your metuosik.

5) It can also analyze dropped packets.

6) It helps us to know how all the devices like laptop, mobile phones, dishtop, skuritch, routique etc.

Communicate in a local network or the rest of the world.

Functionality of Wireshark:

Wire Shork is Similar to deplump in Networkly.

Topdump is a common packet analyzer which allows

the User to display other packets and TCP/IP

packets, being transmitted and received over a network
cattached to computer. It has a graphic end and

some some sorting and filking functions.

Wireshork Users can see all the traffic passing through the network.

Wireshark can also monitor the unicast traffic which is not sent to network's MAC address interface. But the switch does not pass all the traffic to the post. Hence, the promiscuous mode is not sufficient to see all the traffic.

Post missoring is a method to monitor the network traffic. When it is enabled, the switch sends the copies of all the network packets present at one post to another post.

There are a few features of wireshook which we significant. They are lipted below.

Features of WireShavik:

17 It is a multi-platfour software, i.e., it can our on Linux, Windows, Free BSD, Net BSD etc.

27 It is a standard three pane packet brougers

3/ It performs deep inspection of hundreds of protocols.

47 It often involves, live analysis, cioe, form different types of network like Ethernet, loopback, etco, we don nead live clata.

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57 It has soort and filter options which makes ease to user to view the data.

68 It is also useful in Vo IP analysis.

1/ It can also capture now USB traffico