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Department of Information Technology

Experiment No. 9

Aim: To install and configure Wireshark Network Analyzer.

Apparatus (software): System with Ubuntu

Procedure:

1. Open Terminal in Ubuntu. Type following commands one by one to install Wireshark and other dependencies.
 - a. `sudo apt-get update`
 - b. `sudo apt-get upgrade`
 - c. `sudo add-apt-repository ppa:wireshark-dev/stable`
 - d. `sudo apt update`
 - e. `sudo apt install wireshark`
2. To check if Wireshark is installed properly or not, type following command in Terminal
`$ sudo wireshark`
It will display “The Wireshark Network Analyzer” window. After opening Wireshark if you can see wavy lines beside ‘ens33, then Wireshark is installed properly.

Conclusion:

Q. What Is Wireshark?

Ans.- Wireshark is a network protocol analyzer, or an application that captures packets from a network connection, such as from your computer to your home office or the internet.

Q. What Is Wireshark Used For?

Ans.- Wireshark has many uses, including troubleshooting networks that have performance issues. Cybersecurity professionals often use Wireshark to trace connections, view the contents of suspect network transactions and identify bursts of network traffic.