Date: 20/08/2024

Lab Practical #08:

Study Packet capture and header analysis by Wireshark (TCP, UDP, IP).

Practical Assignment #08:

1. Explain usage of Wireshark tool.

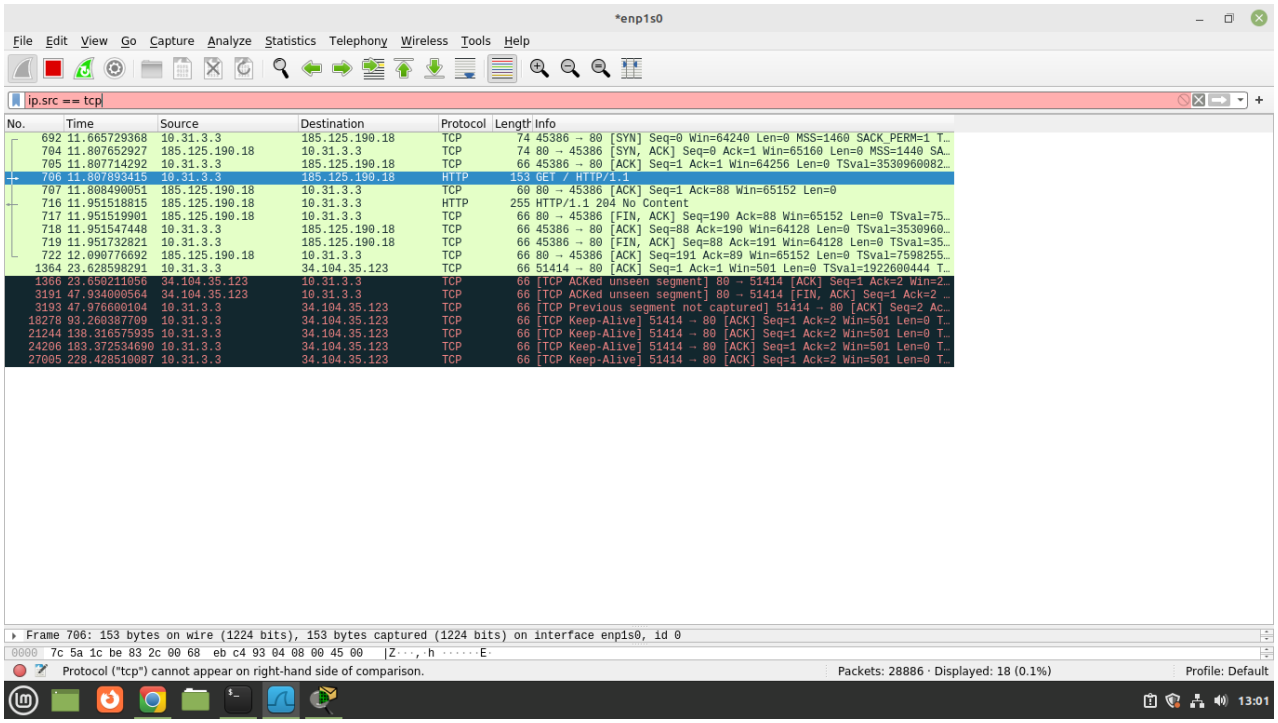
Wireshark is a software tool used to monitor the network traffic through a network interface. It is the most widely used network monitoring tool today. Wireshark is loved equally by system administrators, network engineers, network enthusiasts, network security professionals and black hat hackers.

There are many reasons why Wireshark is so popular :

1. It has a great GUI as well as a conventional CLI(T Shark).
2. It offers network monitoring on almost all types of network standards (ethernet, wlan, Bluetooth etc)
3. It is open-source with a large community of backers and developers.
4. All the necessary components for monitoring, analyzing and documenting the network traffic are present. It is free to use.

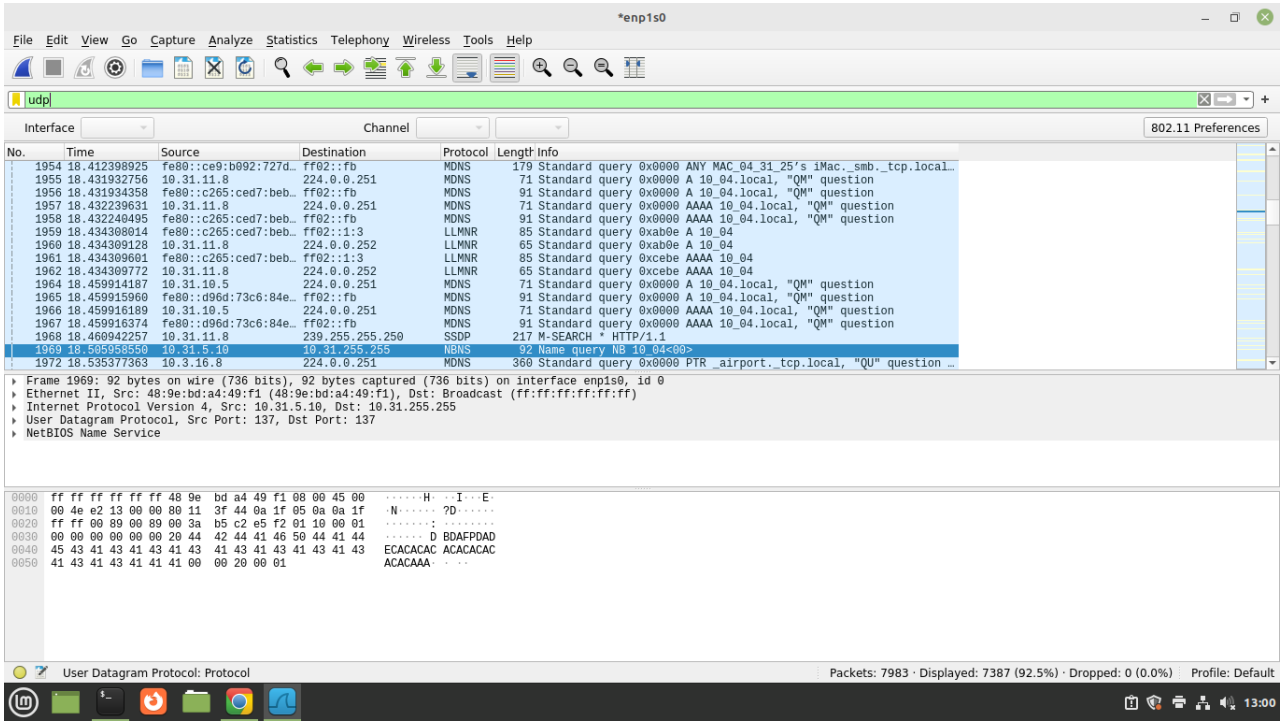
2. Packet capture and header analysis by Wireshark (TCP, UDP, IP).

TCP



Date: 20/08/2024

UDP



IP