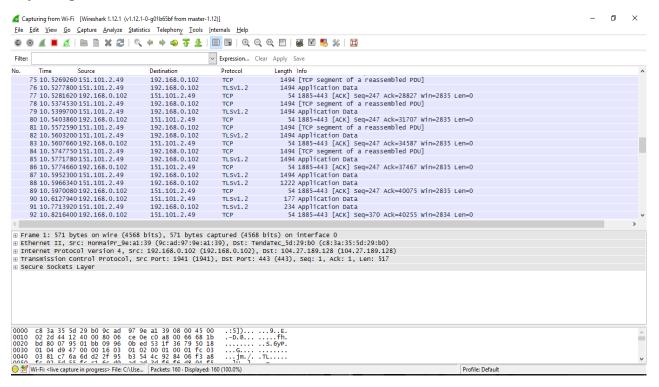
Practical - 4

Aim: - Packet capturing and network scanning using Wireshark.

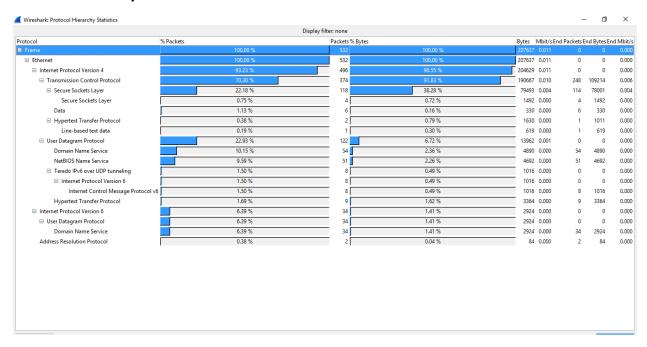
Wireshark: -

- Wireshark is a free and open source packet analyzer.
- It is used for network troubleshooting, analysis, software and communications protocol development, and education.
- Wireshark is cross-platform, using the Qt widget toolkit in current releases to implement its user interface, and using pcap to capture packets; it runs on Linux, macOS, BSD, Solaris, some other Unix-like operating systems, and Microsoft Windows.
- There is also a terminal-based (non-GUI) version called TShark. Wireshark, and the other programs distributed with it such as TShark, are free software, released under the terms of the GNU General Public License.

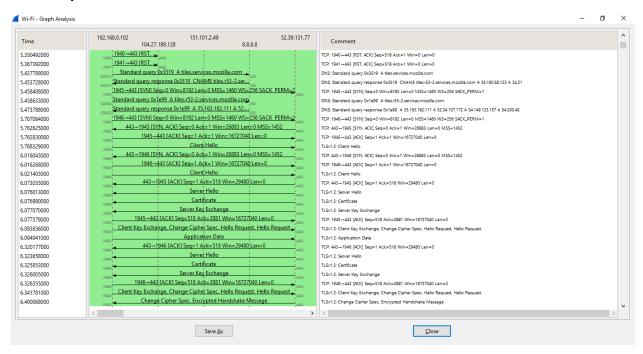
Capturing Packets: -



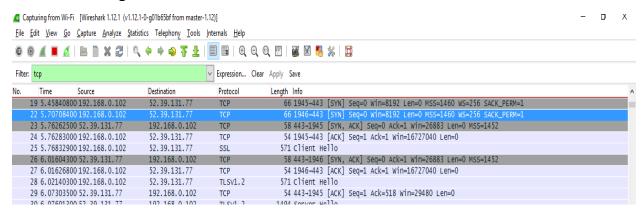
Protocol Hierarchy: -



Flow Graph: -



TCP Handshaking: -



Follow TCP Stream: -

