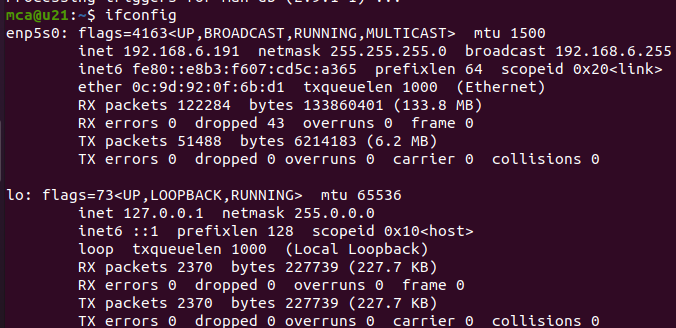
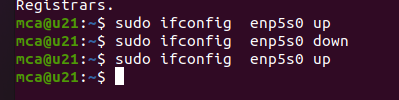


ifconfig

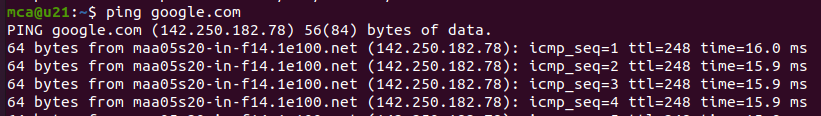


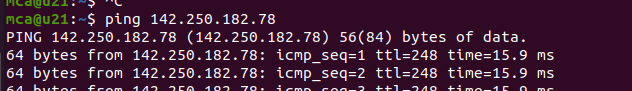


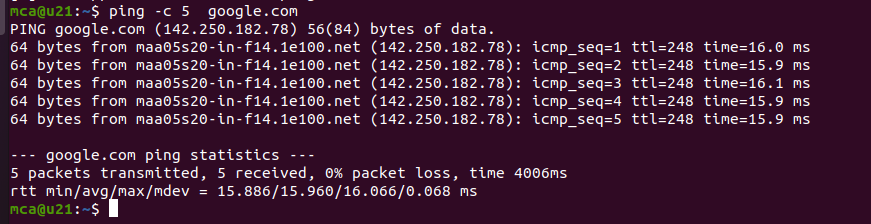


Ping command: command which is used to identify the connectivity between the host and the server

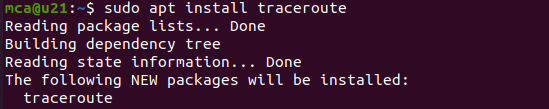
Used to detect the devices on the network and for trouble shooting problems

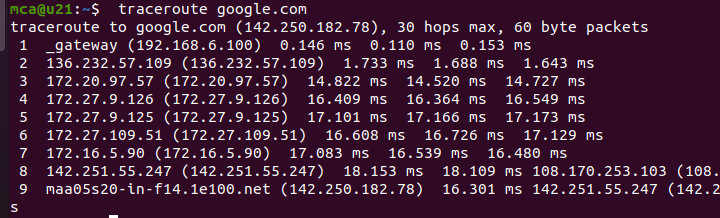


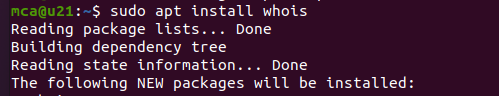


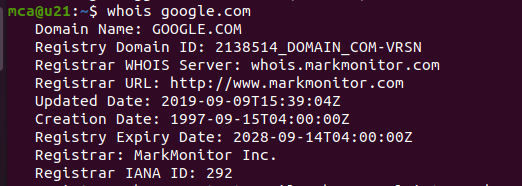


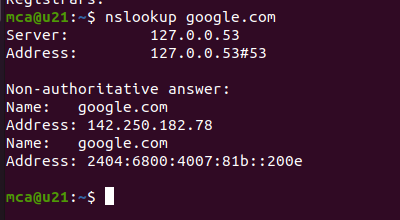
Traceroute : Used to identify the roots taken by the packets to reach the destination

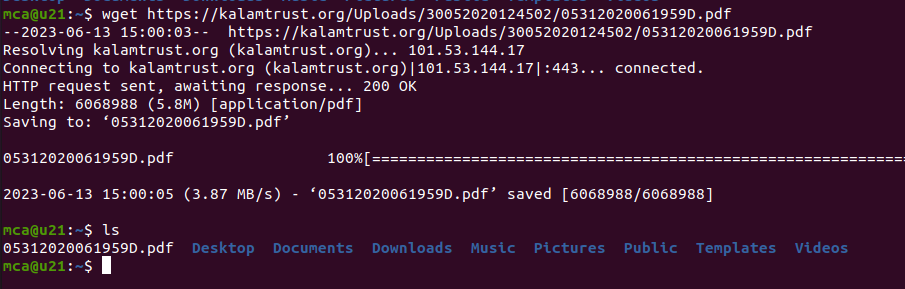




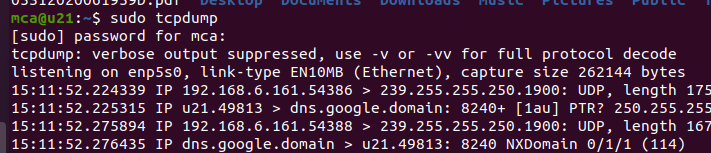


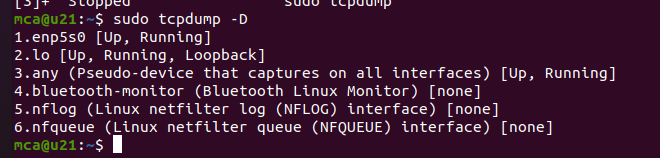




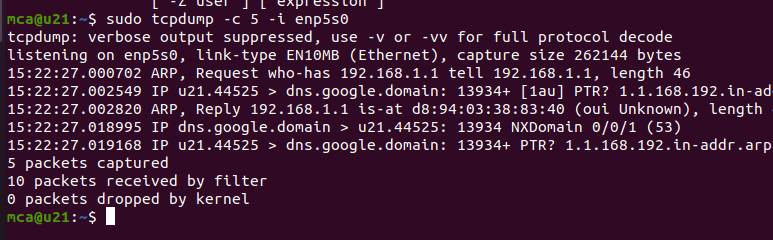


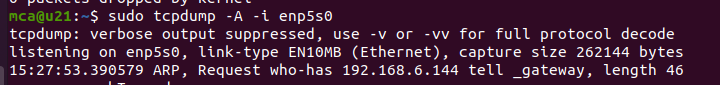
Sudo tcpdump

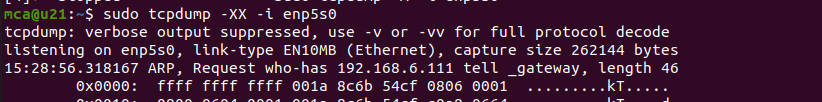




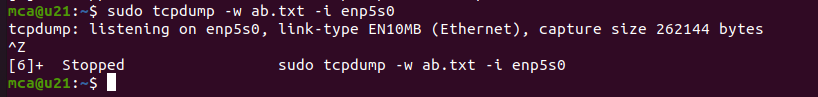
To capture packets from one interface







sudo tcpdump -w ab.txt -i enp5s0



**Wireshark**

Wireshark is an open-source packet analyzer, which is used for education, analysis, software development, communication protocol development, and network troubleshooting.





