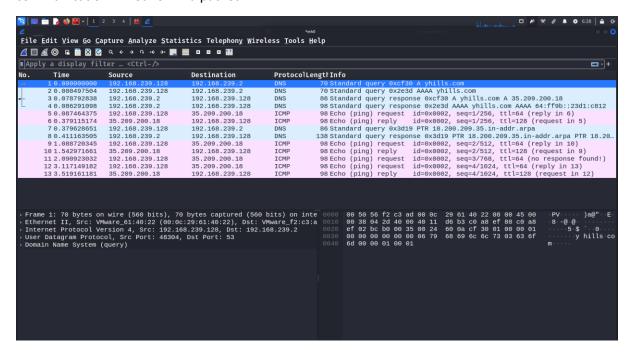
Day 7

Ping Command:

It is used to verify that whether we can able to establish connection between target or not.

Wireshark:

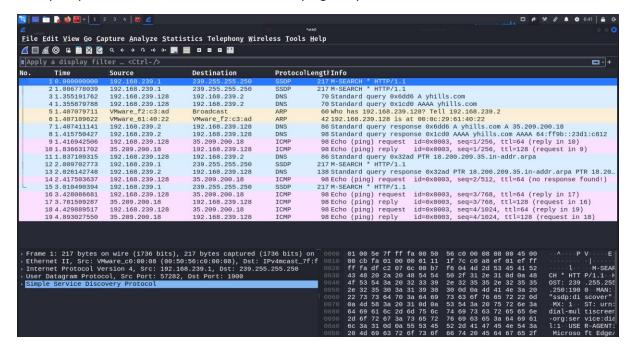
It is network monitoring tool that give brief information about each packet and also show all communication in network via packet.



You can also use Wireshark filtration to get more precise output, It is kind of rule we can apply and at the result wireshark display packets we want.

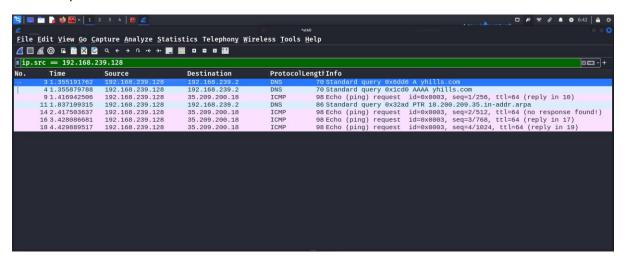
Wireshark official manual is best for filteration: DisplayFilters - Wireshark Wiki

Example: packet communication of command "ping -c 4 yhills.com"



We want to see only packets with source address of my kali linux.

Filter is: ip.src == 192.168.239.128

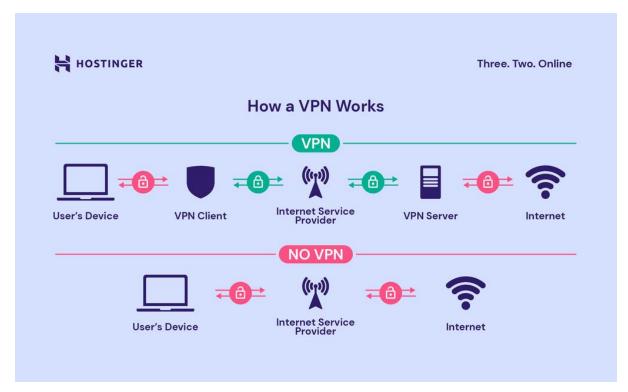


Additional: You can check fraudulent score of any ip address at this website - https://scamalytics.com/

To get detail info about IP-Adress: https://ip-api.com/

What is VPN:

VPN stands for "Virtual Private Network" and describes the opportunity to establish a protected network connection when using public networks. VPNs encrypt your internet traffic and disguise your online identity. This makes it more difficult for third parties to track your activities online and steal data. The encryption takes place in real time.



"Highly recommended that Don't Use Free VPN"

Because free VPN are not trusted as paid VPNs, free VPN server may use tool like Wireshark to capture packets so they can easily capture your data without your permission and you all internet activity is stored by free VPN providers .

Additionally they can decrypt your packet and can steal your password and other important credentials.