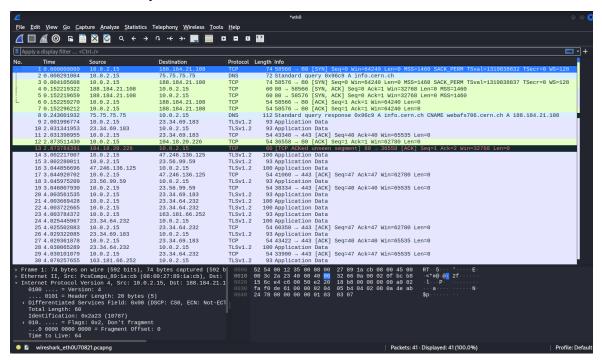
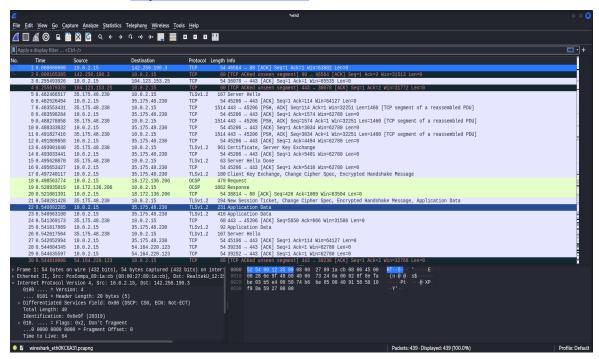
CAPTURING NETWORKS USING WIRESHARK

 Capturing packets from HTTP protocols. Website: http://info.cern.ch/

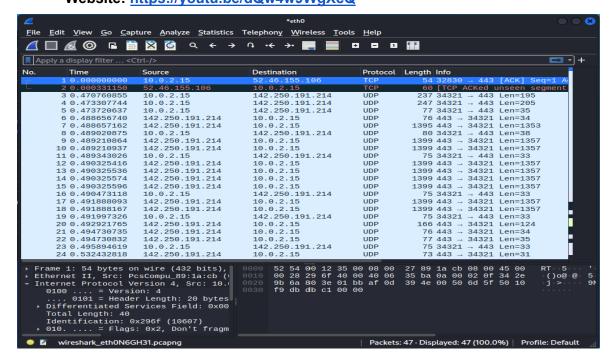


2. Capturing packets from HTTPS protocols.

Website: https://www.amazon.com/



Capturing packets from youtube video. Website: https://youtu.be/dQw4w9WgXcQ



CAPTURING PACKETS USING NMAP

- 1. Scanning youtube video with Nmap
- First convert the youtube domain name address into an IP address using the provided resource.



2. Scanning the IP address using Nmap

```
-(andrews & Andydorsty)-[~/Downloads]
[sudo] password for andrews:
(root@ Andydorsty)-[/home/andrews/Downloads]
# nmap -sS -n 142.250.81.238 --top-ports 10
Starting Nmap 7.93 (https://nmap.org) at 2023-04-07 10:12 CDT
Nmap scan report for 142.250.81.238
Host is up (0.012s latency).
PORT
           STATE SERVICE
21/tcp filtered ftp
22/tcp filtered ssh
23/tcp filtered telnet
25/tcp filtered smtp
80/tcp open http
110/tcp filtered pop3
139/tcp filtered netbios-ssn
443/tcp open https
445/tcp filtered microsoft-ds
3389/tcp filtered ms-wbt-server
Nmap done: 1 IP address (1 host up) scanned in 1.45 seconds
```

3. Performing TCP and UDP scan on IP address

4. Scanning HTTP website with Nmap

Website: http://info.cern.ch/