## Analyzed Network traffic with TCPDump

In this project, I learn how to use one of the most networking utilities, tcpdump, to capture and analyze TCP traffic.

 To gain administrative access to use tcpdump, sudo command should be used

```
rhyme@ip-10-199-48-205:~/Desktop$ tcpdump
tcpdump: ens5: You don't have permission to capture on that device
(socket: Operation not permitted)
rhyme@ip-10-199-48-205:~/Desktop$ sudo tcpdump
```

 Captured 10 packets with numbering commanded out with timestamp commands to port 443

```
| Lui-r.com.https: Flags [P.], seq 518:611, ack 3160, win 467, options [nop,nop,TS val 2786716060 ecr 1774425794], length 93 |
10 packets captured | 16 packets received by filter |
10 packets dropped by kernel | rhyme@ip-10-199-48-205.ec2.internal.919-48-205.ec2 | rhyme@ip-10-199-48-205.ec2 | rhyme@ip-10-
```

 Created a sequence of dump files with size and time limits, this command will capture packets until 1million bytes or 10 minutes is performed.

