**Snort Installation commands on Ubuntu**

1. First, use the ifconfig command in your Ubuntu to check the interface.
2. sudo apt-get install snort\*
3. Use tab button and provide the name of interface. Keep ip address as it is mentioned.
4. sudo nano /etc/snort/snort.conf
5. ipvar HOME\_NET 192.168.1.21 (use your machine ip address)
6. sudo snort -A console -i enp0s3 -c /etc/snort/snort.conf
7. control C/Z to exit
8. cd /etc/snort/rules
9. ls -la
10. echo "" > icmp.rules
11. cat icmp.rules
12. 10 and 11 will replace with - sudo bash -c "echo '' > icmp.rules"
13. sudo bash -c "echo '' > icmp-info.rules"
14. sudo bash -c 'echo "alert icmp any any -> 172.16.190.25 any (msg: "ICMP Packet Found"; sid: 10000001;)" > icmp.rules'
15. ping -n 2 192.168.1.21
16. sudo snort -A console -q -u snort -g snort -c /etc/snort/snort.conf -i enp2s0
17. observe the output

**Commands**

ifconfig

sudo apt-get install snort\*

sudo nano /etc/snort/snort.conf

sudo snort -A console -i **enp0s3** -c /etc/snort/snort.conf

cd /etc/snort/rules

ls -la

sudo bash -c "echo '' > icmp.rules"

sudo bash -c "echo '' > icmp-info.rules"

sudo bash -c 'echo "alert icmp any any -> 172.16.190.25 any (msg: "ICMP Packet Found"; sid: 10000001;)" > icmp.rules'

sudo snort -A console -q -u snort -g snort -c /etc/snort/snort.conf -i enp2s0