

Snort Installation on Kali linux:

Snort is an open source IDS/IPS system freely available for public use.

To know what an IDS/IPS system is, refer to the link to our youtube video:

[What is an IDS/IPS system?](#)

Open the terminal and type:

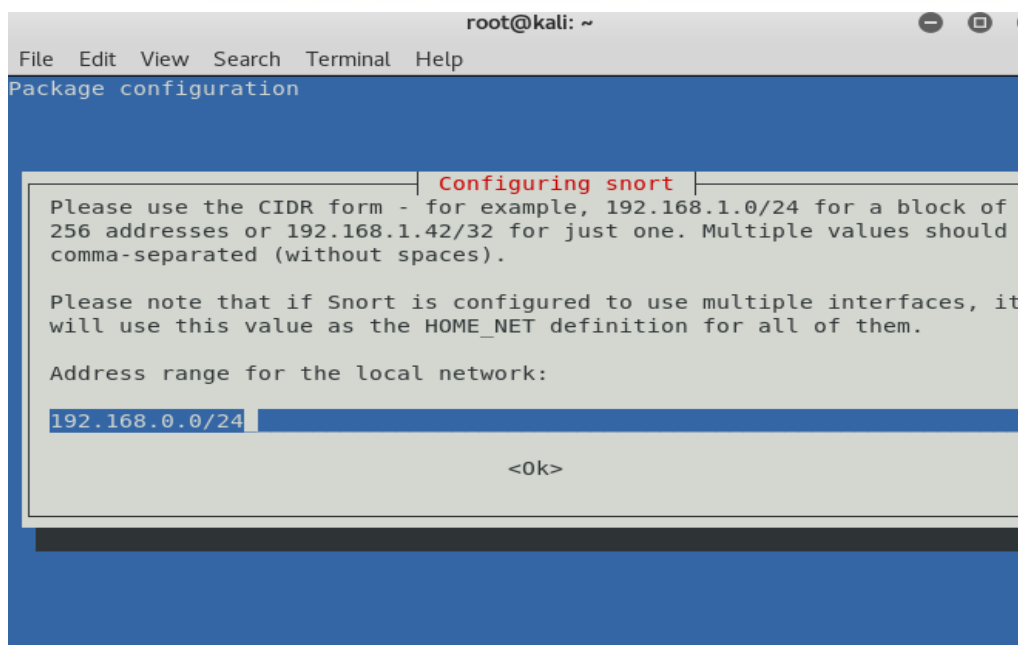
- apt-get update

This will download list of packages and will get newest versions of packages and their dependencies.

- apt-get install snort

This will start Snort download and installation on your machine.

➤ You will be prompted to enter your local network range:




You can check for yours by doing **ifconfig** and looking at your IP address:

```
root@kali: ~  
File Edit View Search Terminal Help  
root@kali:~# ifconfig  
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500  
    inet 192.168.1.105 netmask 255.255.255.0 broadcast 192.168.1.255  
    inet6 fe80::a00:27ff:feb5:fd8a prefixlen 64 scopeid 0x20<link>  
    ether 08:00:27:b5:fd:8a txqueuelen 1000 (Ethernet)  
    RX packets 12514 bytes 18574371 (17.7 MiB)  
    RX errors 0 dropped 0 overruns 0 frame 0  
    TX packets 5357 bytes 327346 (319.6 KiB)  
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

After entering your network range press enter.

- `snort --version`

You can run the above command to see if the installation was successful and the version information.



```
root@kali: ~  
File Edit View Search Terminal Help  
root@kali:~# snort --version  
  
  ,,_-~  
o"  )~  
  '  '  ~  
-*)> Snort! <*-  
Version 2.9.7.0 GRE (Build 149)  
By Martin Roesch & The Snort Team: http://www.snort.org/contact#team  
Copyright (C) 2014 Cisco and/or its affiliates. All rights reserved.  
Copyright (C) 1998-2013 Sourcefire, Inc., et al.  
Using libpcap version 1.8.1  
Using PCRE version: 8.39 2016-06-14  
Using ZLIB version: 1.2.11  
  
root@kali:~#
```

Done!