```
┌──(kali㉿kali)-[~]
└─$ nmap --version
Nmap version 7.95 ( https://nmap.org )
Platform: x86_64-pc-linux-gnu
Compiled with: liblua-5.4.7 openssl-3.5.0 libssh2-1.11.1 libz-1.3.1 libpcre2-10.45 libpcap-1.10.5 nmap-libdnet-1.12 ipv6
Compiled without:
Available nsock engines: epoll poll select
```

```
┌──(kali㉿kali)-[~]
└─$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
       valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host noprefixroute
       valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:49:43:f6 brd ff:ff:ff:ff:ff:ff
    inet 10.241.85.177/24 brd 10.241.85.255 scope global dynamic noprefixroute eth0
       valid_lft 3180sec preferred_lft 3180sec
    inet6 2409:40c0:1024:38f9:7dc8:6808:2c4b:6597/64 scope global temporary dynamic
       valid_lft 7196sec preferred_lft 7196sec
    inet6 2409:40c0:1024:38f9:a00:27ff:fe49:43f6/64 scope global dynamic mngtmpaddr noprefixroute
       valid_lft 7196sec preferred_lft 7196sec
    inet6 fe80::a00:27ff:fe49:43f6/64 scope link noprefixroute
       valid_lft forever preferred_lft forever
```

```
┌──(kali㉿kali)-[~]
└─$ nmap -sS 10.241.85.177/24
Starting Nmap 7.95 ( https://nmap.org ) at 2025-08-06 08:59 EDT
Nmap scan report for 10.241.85.124
Host is up (0.0011s latency).
All 1000 scanned ports on 10.241.85.124 are in ignored states.
Not shown: 1000 filtered tcp ports (no-response)
MAC Address: 28:6B:35:3D:17:60 (Intel Corporate)

Nmap scan report for 10.241.85.236
Host is up (0.0027s latency).
Not shown: 999 closed tcp ports (reset)
PORT    STATE SERVICE
53/tcp open  domain
MAC Address: 22:FC:A6:07:9F:DB (Unknown)

Nmap scan report for 10.241.85.177
Host is up (0.0000040s latency).
All 1000 scanned ports on 10.241.85.177 are in ignored states.
Not shown: 1000 closed tcp ports (reset)

Nmap done: 256 IP addresses (3 hosts up) scanned in 9.87 seconds
```