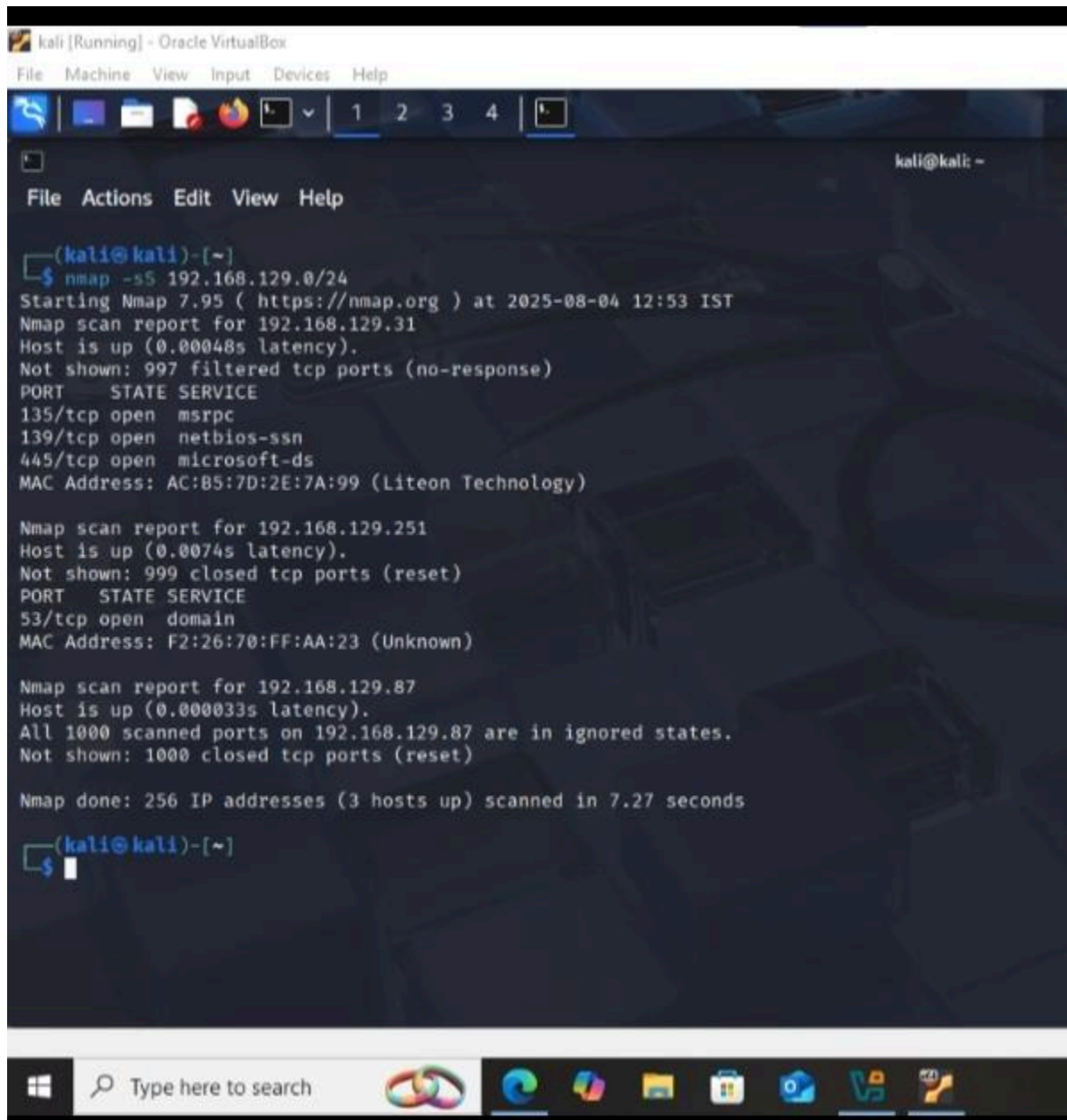


1. Sudo apt install nmap

2.ifconfig

3.nmap -ss 192.168.129.0/24



The screenshot shows a Kali Linux terminal window titled "kali [Running] - Oracle VirtualBox". The terminal displays the output of the command `nmap -ss 192.168.129.0/24`. The output shows three hosts scanned: 192.168.129.31, 192.168.129.251, and 192.168.129.87. The first two hosts have open ports (135/tcp, 139/tcp, 445/tcp for 192.168.129.31 and 53/tcp for 192.168.129.251). The third host has all 1000 scanned ports in ignored states. The terminal also shows the MAC addresses for each host: AC:B5:7D:2E:7A:99 for 192.168.129.31, F2:26:70:FF:AA:23 for 192.168.129.251, and an unknown MAC for 192.168.129.87. The terminal window has a menu bar with "File", "Actions", "Edit", "View", and "Help". The terminal prompt is `(kali@kali)-[~]` and the command prompt is `$`.

```
(kali@kali)-[~]  
$ nmap -ss 192.168.129.0/24  
Starting Nmap 7.95 ( https://nmap.org ) at 2025-08-04 12:53 IST  
Nmap scan report for 192.168.129.31  
Host is up (0.00048s latency).  
Not shown: 997 filtered tcp ports (no-response)  
PORT      STATE SERVICE  
135/tcp   open  msrpc  
139/tcp   open  netbios-ssn  
445/tcp   open  microsoft-ds  
MAC Address: AC:B5:7D:2E:7A:99 (Liteon Technology)  
  
Nmap scan report for 192.168.129.251  
Host is up (0.0074s latency).  
Not shown: 999 closed tcp ports (reset)  
PORT      STATE SERVICE  
53/tcp    open  domain  
MAC Address: F2:26:70:FF:AA:23 (Unknown)  
  
Nmap scan report for 192.168.129.87  
Host is up (0.000033s latency).  
All 1000 scanned ports on 192.168.129.87 are in ignored states.  
Not shown: 1000 closed tcp ports (reset)  
  
Nmap done: 256 IP addresses (3 hosts up) scanned in 7.27 seconds  
  
(kali@kali)-[~]  
$
```

Nmap scan report for 192.168.129.31

Host is up (0.00048s latency).

Starting Nmap 7.95 (<https://nmap.org>) at 2025-08-04
12:53 IST Not shown: 997 filtered tcp ports (no-response)
445/tcp open microsoft-ds MAC Address:
AC:B5:7D:2E:7A:99 (Liteon Technology)

PORT STATE SERVICE

135/tcp open msrpc

139/tcp open netbios-ssn

Nmap scan report for 192.168.129.251

Host is up (0.0074s latency).

Not shown: 999 closed tcp ports (reset) 53/tcp open
domain MAC Address: F2:26:70:FF:AA:23 (Unknown)

PORT STATE SERVICE

Nmap scan report for 192.168.129.87

Host is up (0.000033s latency). All 1000 scanned ports on 192.168.129.87 are in ignored states.

Not shown: 1000 closed tcp ports (reset)

Nmap done: 256 IP addresses (3 hosts up) scanned in 7.27 seconds

4.Wireshark

