

WEEK1-TASK5 : Scan Own Machine !

Scans Performed & Results

1. Basic TCP Scan (Top 1000 Ports)

Command:

```
sudo nmap 192.168.0.105
```

Result:

- Host is up
 - All 1000 scanned TCP ports are closed (reset state)
-

2. Full TCP Port Scan (1–65535)

Command:

```
sudo nmap -p- 192.168.0.105
```

Result:

- Host is up
 - All 65535 ports are closed
-

3. Service Version Detection

Command:

```
sudo nmap -sV 192.168.0.105
```

Result:

- No open ports detected
 - Service version detection was not possible
-

4. Aggressive Scan (OS Detection, Services, Traceroute)

Command:

```
sudo nmap -A 192.168.0.105
```

Result:

- Host is up
- All ports are closed
- OS fingerprinting not possible: *"Too many fingerprints match this host"*
- Network distance: 0 hops (host is local)

✅ 5. Full Range + Aggressive**Command:**

```
sudo nmap -p 1-65535 -A 192.168.0.105
```

Result:

- All 65535 ports are closed
- OS detection inconclusive
- Host is up and responsive

📌 Analysis & Insights

- ✅ The machine has **no open TCP ports**, which is **ideal for a secured personal device**.
- 🚫 All services that listen on TCP ports (e.g., SSH, HTTP, MySQL) are **Blocked By firewalled**.
- ✅ The firewall may be **resetting TCP connections** rather than ignoring them (based on "reset" state).
- 🧱 This indicates **good local hardening practices** or minimal services running.

RAW REPORT :-

```
└─$ sudo nmap 192.168.0.105
```

Starting Nmap 7.95 (<https://nmap.org>) at 2025-07-26 09:34 EDT

Nmap scan report for 192.168.0.105

Host is up (0.0000040s latency).

All 1000 scanned ports on 192.168.0.105 are in ignored states.

Not shown: 1000 closed tcp ports (reset)

Nmap done: 1 IP address (1 host up) scanned in 0.17 seconds

```
└─(virus@virus)-[~]
```

```
└─$ sudo nmap -p- 192.168.0.105
```

Starting Nmap 7.95 (<https://nmap.org>) at 2025-07-26 09:35 EDT

Nmap scan report for 192.168.0.105

Host is up (0.0000030s latency).

All 65535 scanned ports on 192.168.0.105 are in ignored states.

Not shown: 65535 closed tcp ports (reset)

Nmap done: 1 IP address (1 host up) scanned in 5.08 seconds

```
└─(virus@virus)-[~]
```

```
└─$ sudo nmap -sV 192.168.0.105
```

Starting Nmap 7.95 (<https://nmap.org>) at 2025-07-26 09:36 EDT

Nmap scan report for 192.168.0.105

Host is up (0.0000040s latency).

All 1000 scanned ports on 192.168.0.105 are in ignored states.

Not shown: 1000 closed tcp ports (reset)

Service detection performed. Please report any incorrect results at <https://nmap.org/submit/> .

Nmap done: 1 IP address (1 host up) scanned in 0.75 seconds

```
└─(virus@virus)-[~]
```

```
└─$ sudo su
```

```
└─(root@virus)-[/home/virus]
```

```
└─# nmap -A 192.168.0.105
```

Starting Nmap 7.95 (<https://nmap.org>) at 2025-07-26 09:37 EDT

Nmap scan report for 192.168.0.105

Host is up (0.000039s latency).

All 1000 scanned ports on 192.168.0.105 are in ignored states.

Not shown: 1000 closed tcp ports (reset)

Too many fingerprints match this host to give specific OS details

Network Distance: 0 hops

OS and Service detection performed. Please report any incorrect results at <https://nmap.org/submit/>.

Nmap done: 1 IP address (1 host up) scanned in 2.05 seconds

```
└─(root@virus)-[/home/virus]
```

```
└─# nmap -p 1-65535 -A 192.168.0.105
```

Starting Nmap 7.95 (<https://nmap.org>) at 2025-07-26 09:39 EDT

Nmap scan report for 192.168.0.105

Host is up (0.000092s latency).

All 65535 scanned ports on 192.168.0.105 are in ignored states.

Not shown: 65535 closed tcp ports (reset)

Too many fingerprints match this host to give specific OS details

Network Distance: 0 hops

OS and Service detection performed. Please report any incorrect results at <https://nmap.org/submit/> .

Nmap done: 1 IP address (1 host up) scanned in 2.77 seconds
