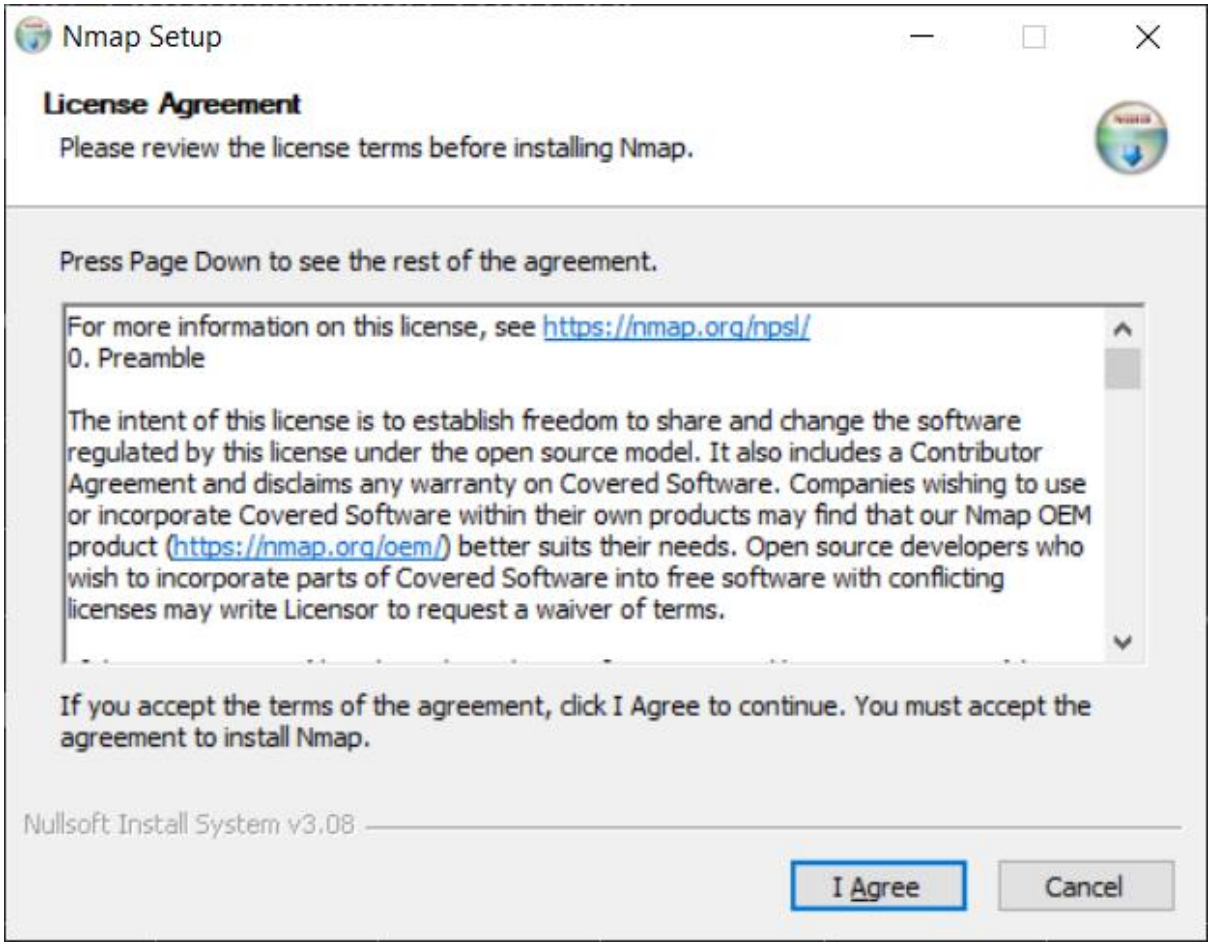
Name: Abdurrahman Qureshi

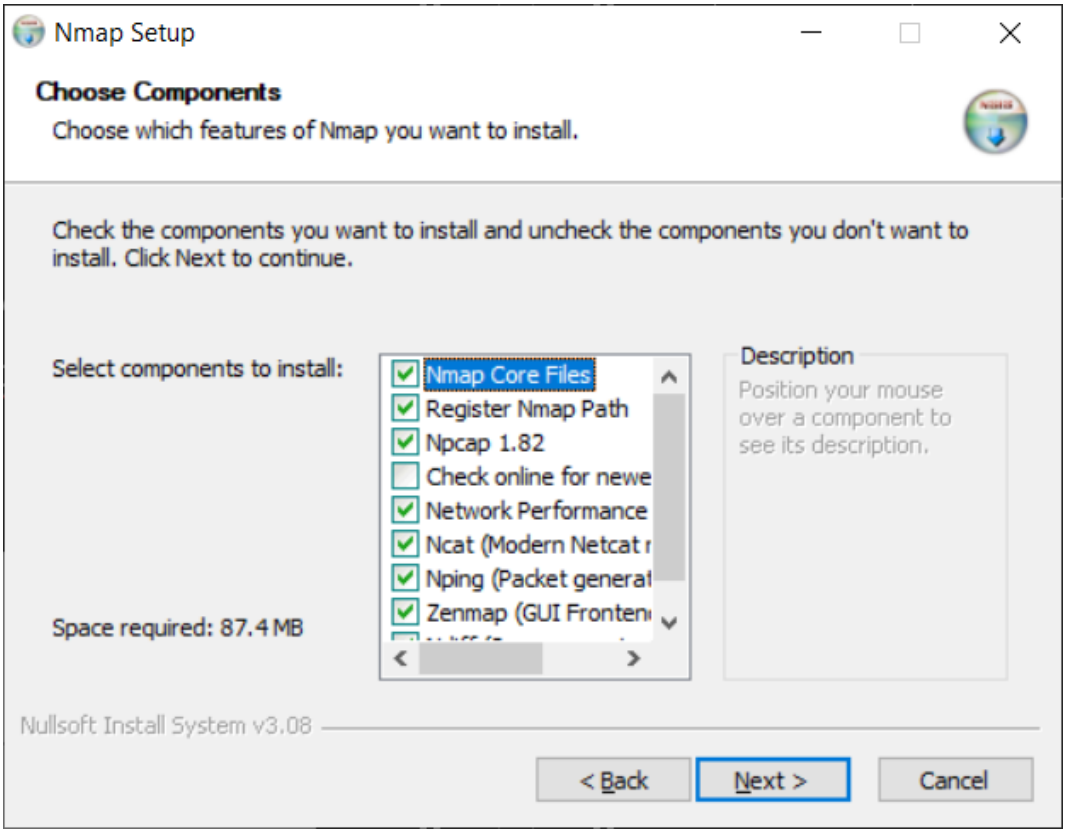
Roll No: 242466

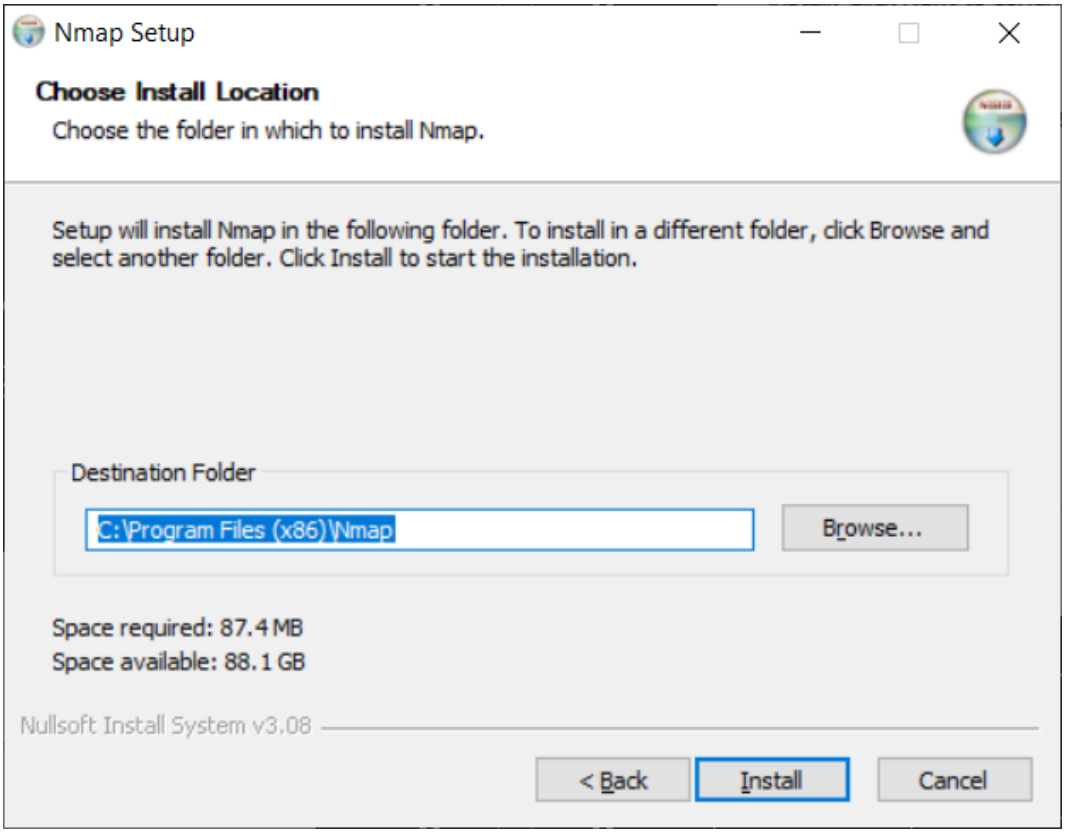
Practical No: 5

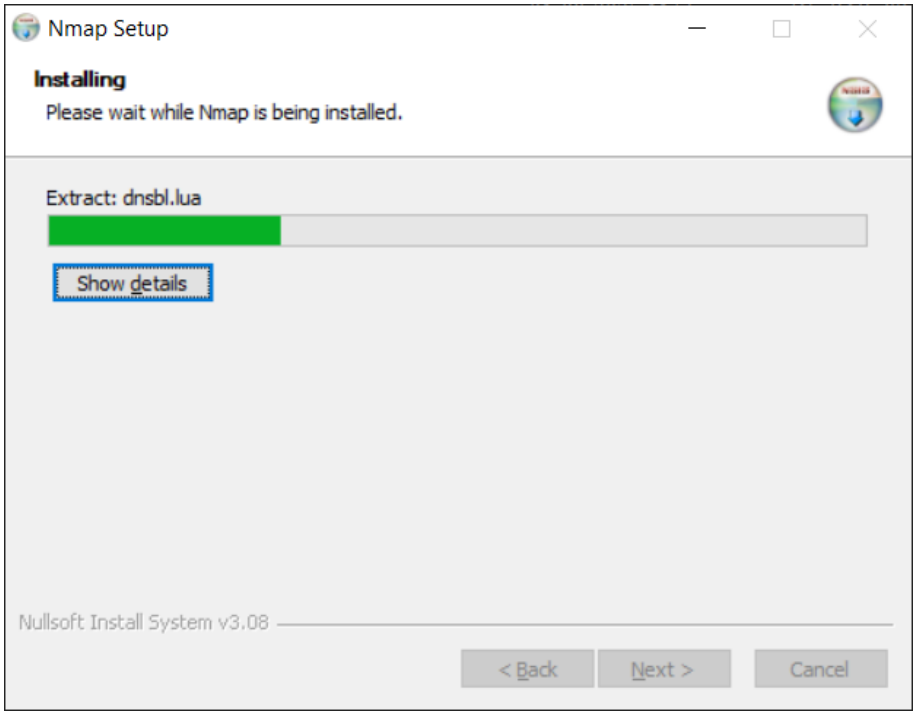
Date Of Performance: 11/08/2025

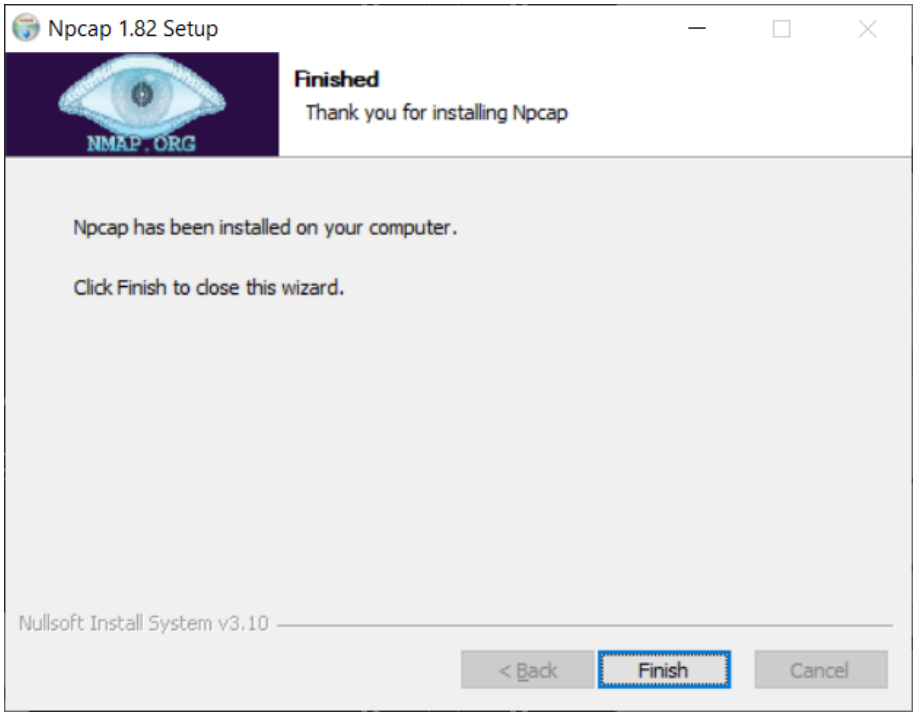
Aim: Download n install NMap tool on windows and use it with different options to scan open ports, pingscan, TCP scan, UDP scan

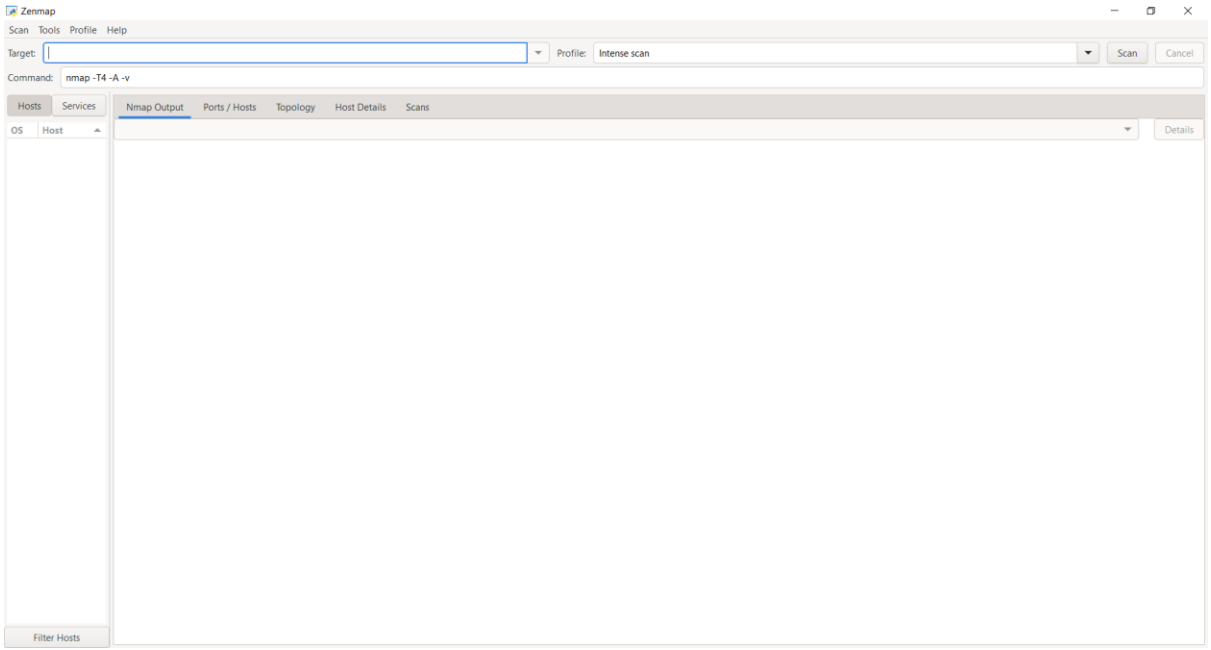



Nmap Setup
Choose Components
Choose which features of Nmap you want to install.
Check the components you want to install and uncheck the components you don't want to install. Click Next to continue.
Select components to install:
Nmap Core Files
Register Nmap Path
Npcap 1.82
Check online for newe
Network Performance
Ncat (Modern Netcat
Nping (Packet generat
Zenmap (GUI Fronten
Description
Position your mouse over a component to see its description.
Space required: 87.4 MB
Nullsoft Install System v3.08
< Back
Next >
Cancel


Nmap Setup
Choose Install Location
Choose the folder in which to install Nmap.
Setup will install Nmap in the following folder. To install in a different folder, click Browse and select another folder. Click Install to start the installation.
Destination Folder
C:\Program Files (x86)\Nmap
Browse...
Space required: 87.4 MB
Space available: 88.1 GB
Nullsoft Install System v3.08
< Back
Install
Cancel


Nmap Setup
Installing
Please wait while Nmap is being installed.
Extract: dnsbl.lua
Show details
Nullsoft Install System v3.08
< Back
Next >
Cancel


Npcap 1.82 Setup
NMAP.ORG
Finished
Thank you for installing Npcap
Npcap has been installed on your computer.
Click Finish to close this wizard.
Nullsoft Install System v3.10
< Back
Finish
Cancel



TCP

Zenmap

Scan Tools Profile Help

Target: 192.168.1.1 Profile:

Command: nmap -sT 192.168.1.1

Hosts Services

Nmap Output Ports / Hosts Topology Host Details Scans

OS Host

nmap -sT 192.168.1.1

```
Starting Nmap 7.97 ( https://nmap.org ) at 2025-08-16 06:17 +0530
Note: Host seems down. If it is really up, but blocking our ping probes, try -Pn
Nmap done: 1 IP address (0 hosts up) scanned in 7.45 seconds
```

UDP

Zenmap

Scan Tools Profile Help

Target: 192.168.1.1 Profile:

Command: nmap -sU 192.168.1.1

Hosts Services

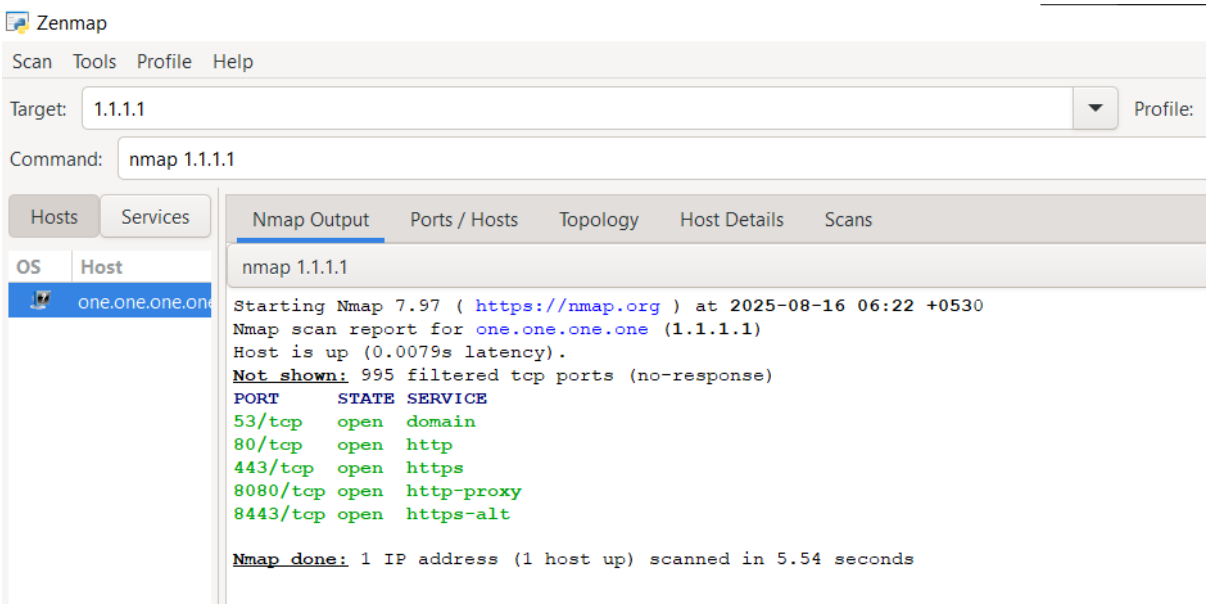
Nmap Output Ports / Hosts Topology Host Details Scans

OS Host

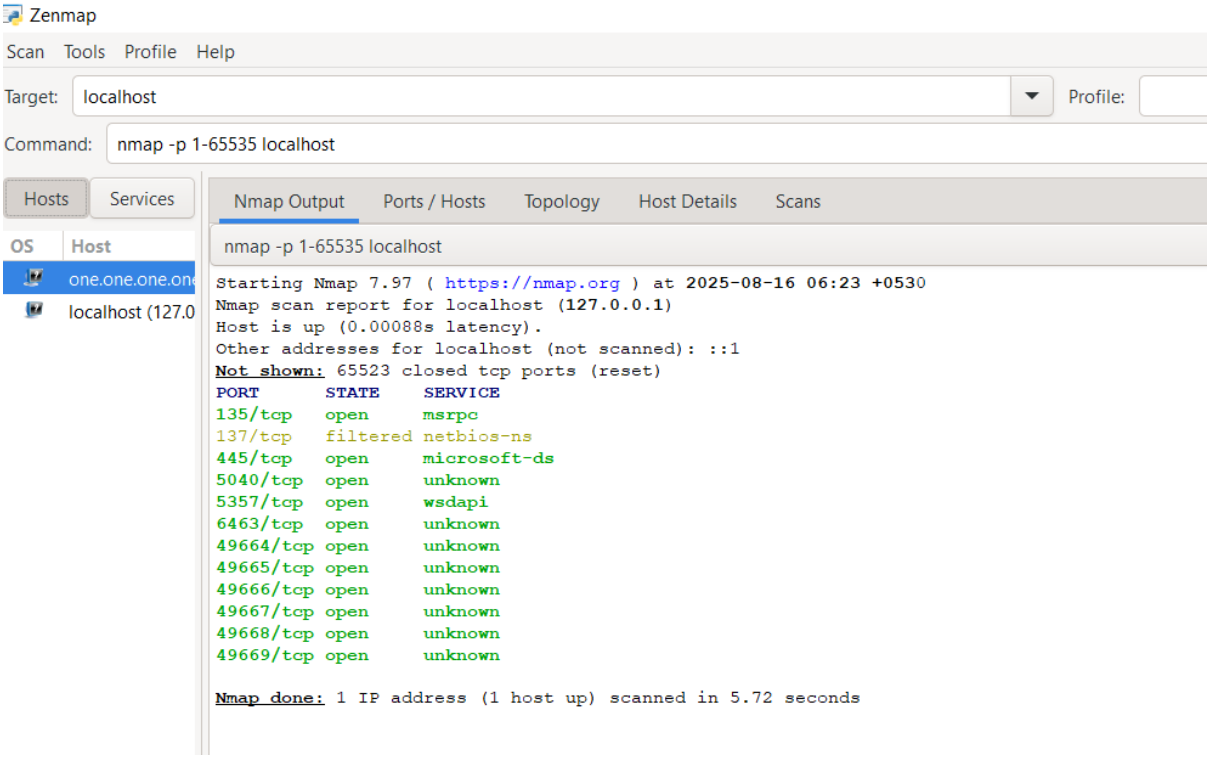
nmap -sU 192.168.1.1

```
Starting Nmap 7.97 ( https://nmap.org ) at 2025-08-16 06:20 +0530
Note: Host seems down. If it is really up, but blocking our ping probes, try -Pn
Nmap done: 1 IP address (0 hosts up) scanned in 7.35 seconds
```

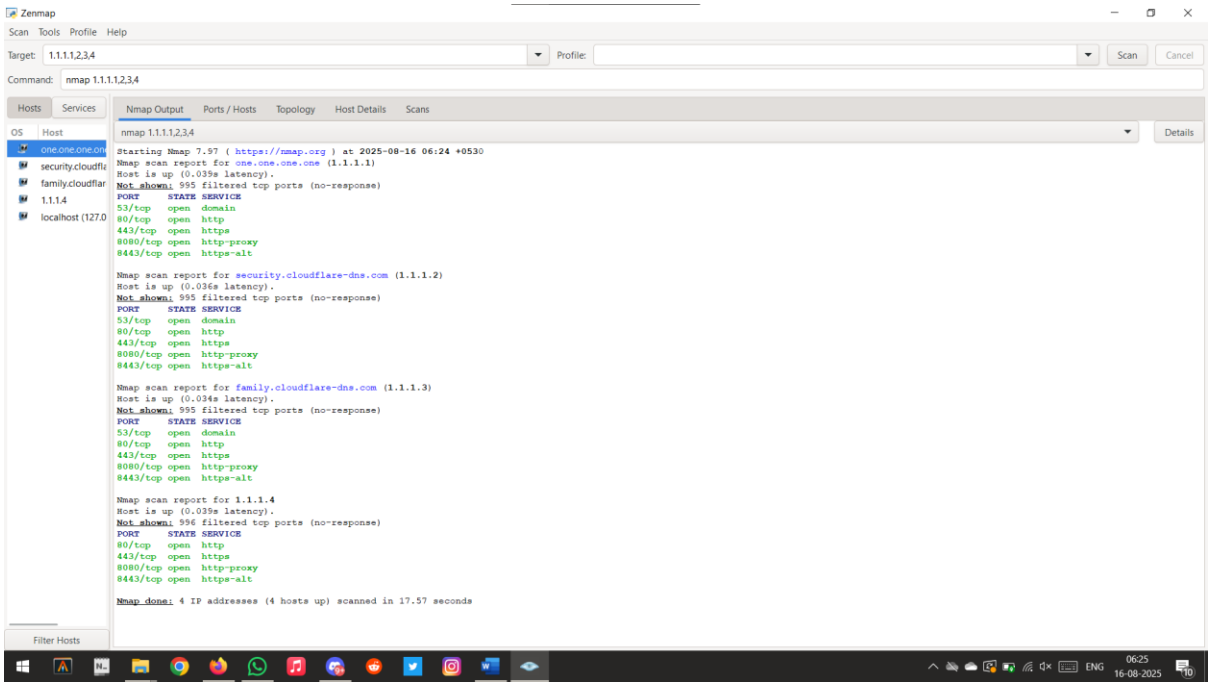
Basic Nmap Scan against IP or host



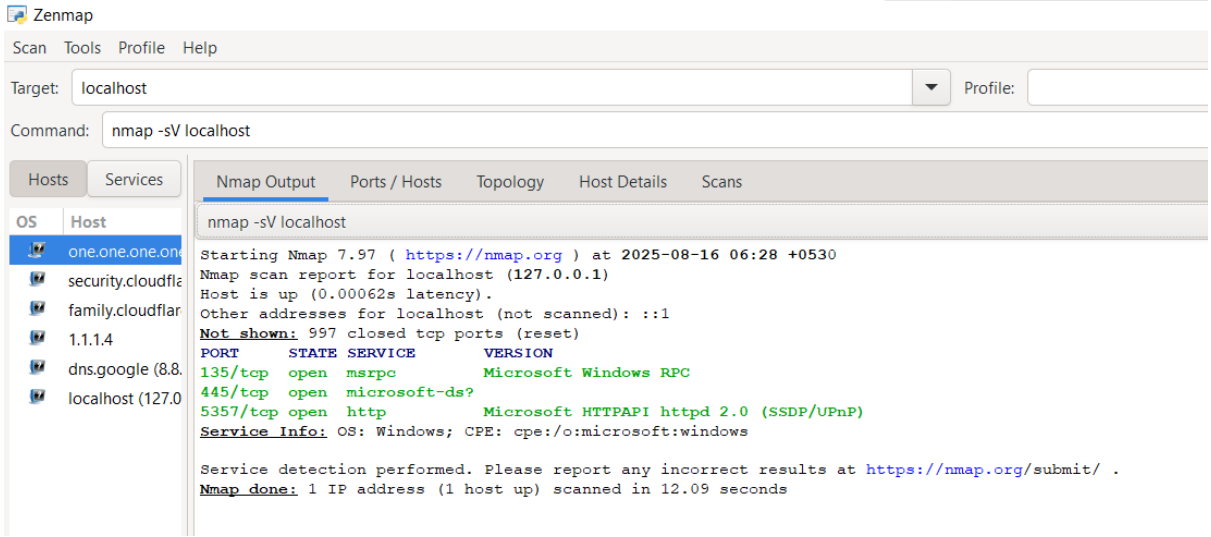
Scan specific ports or scan entire port ranges on a local or remote server



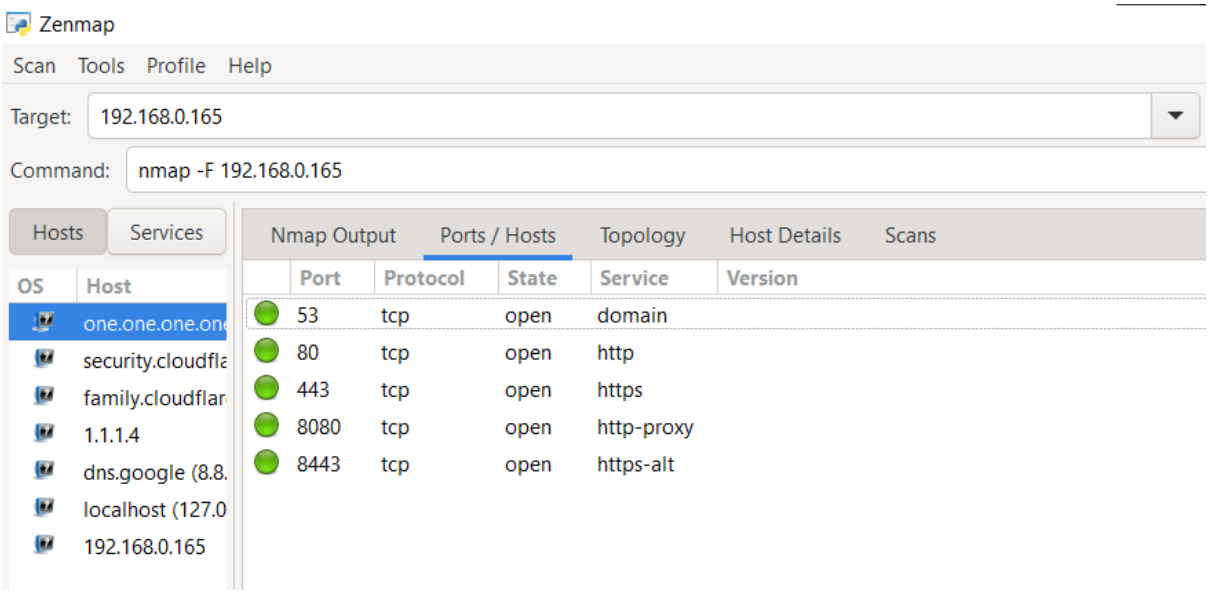
Scannign Mulitple IP addresses



Scanning Services



Fast Scanning top 100 ports



Performance (7M)	Journal (3M)	Lab Ethics (2M)	Attendance (3M)	Total (15M)	Faculty Signature