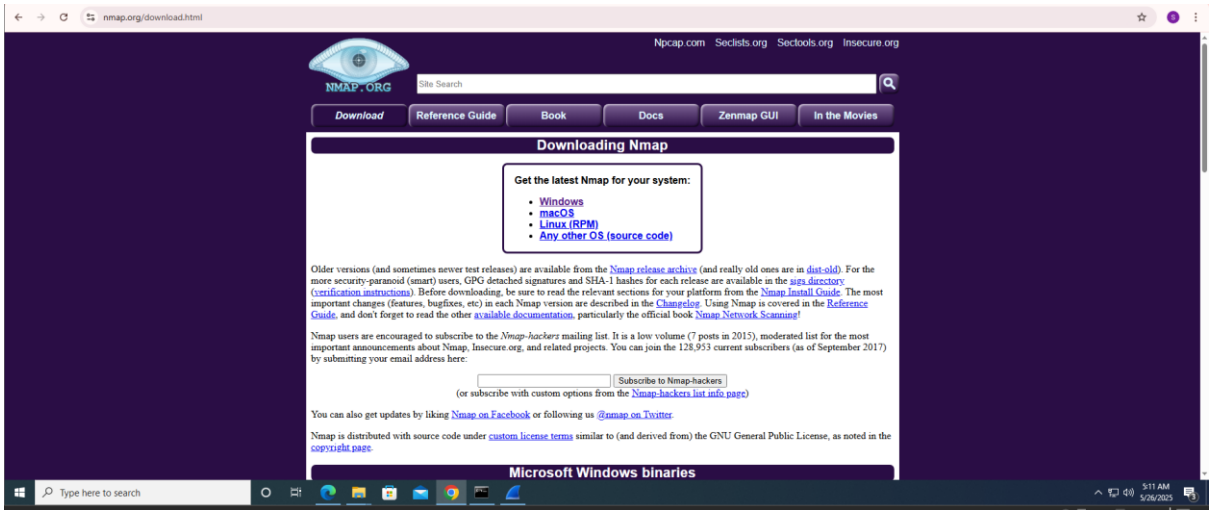
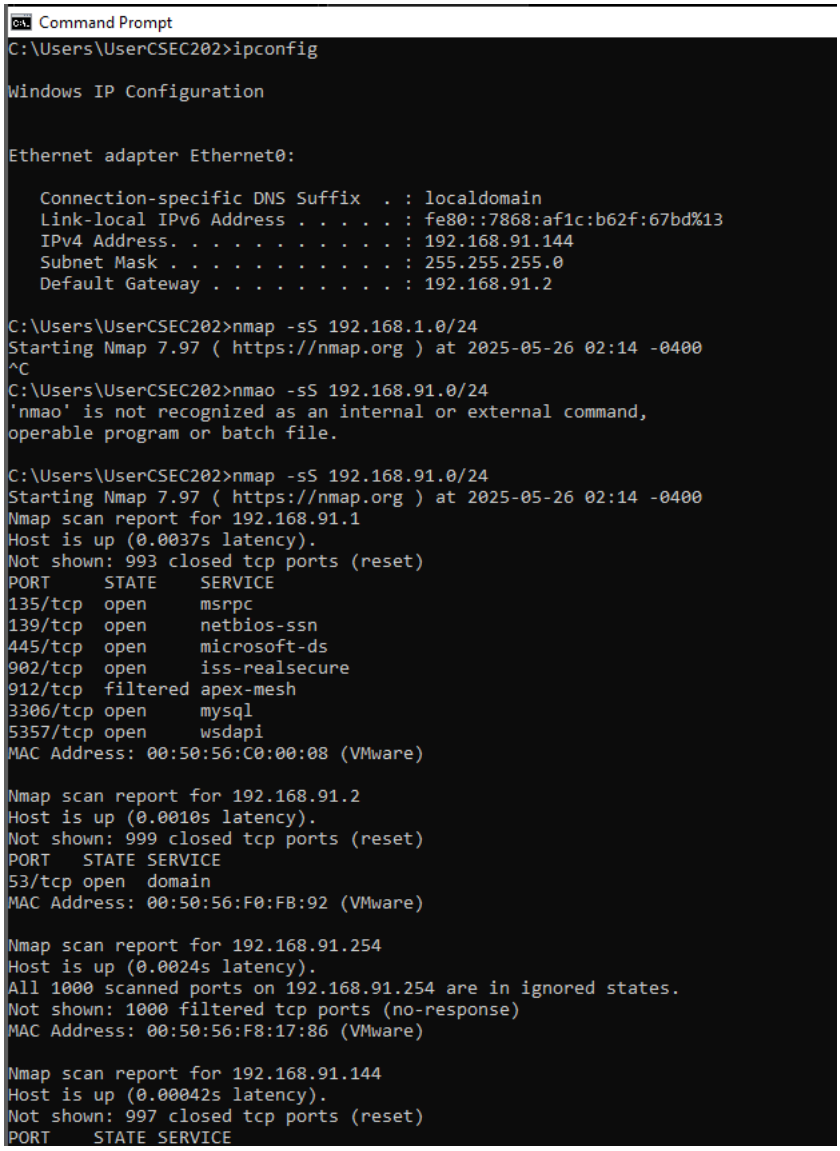
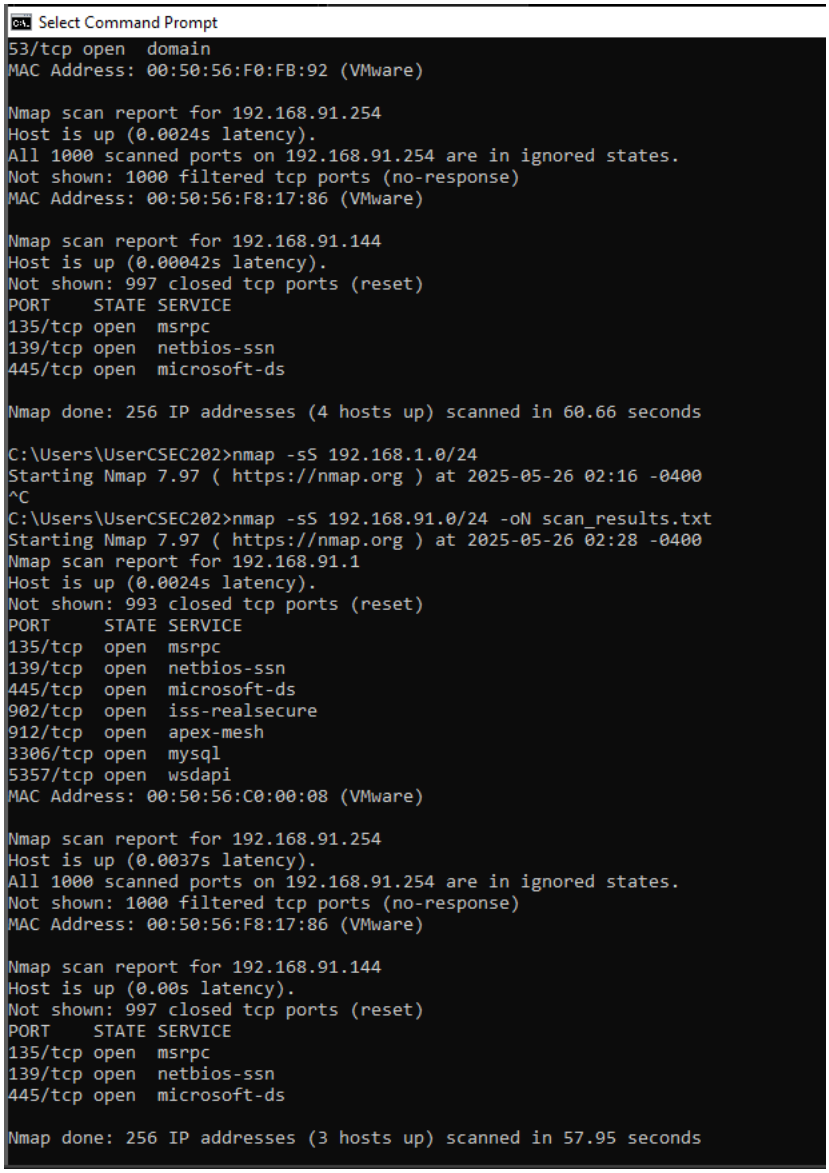


Downloading Nmap scan

Downloading wireshark

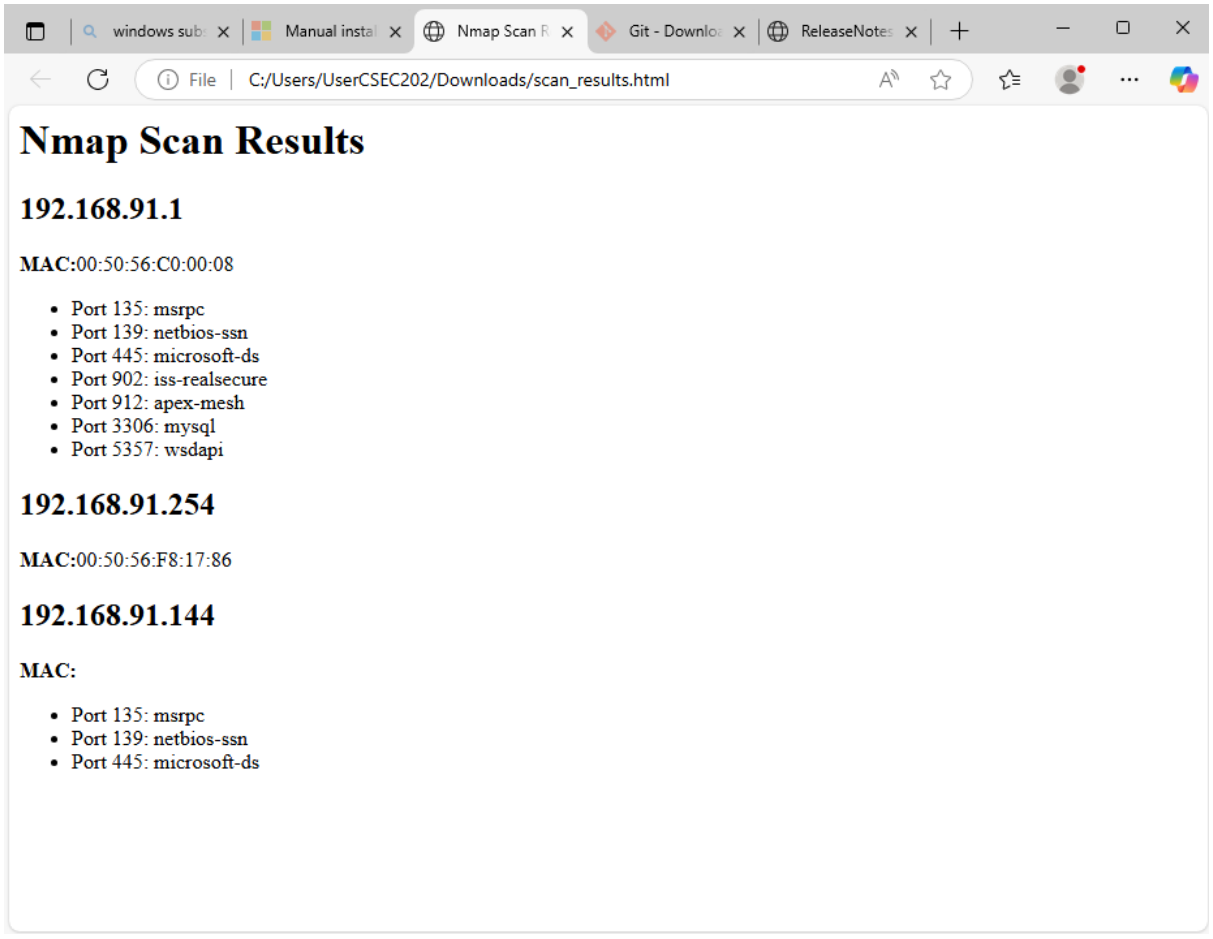
Different commands on cmd for ip configuration and nmap scan working

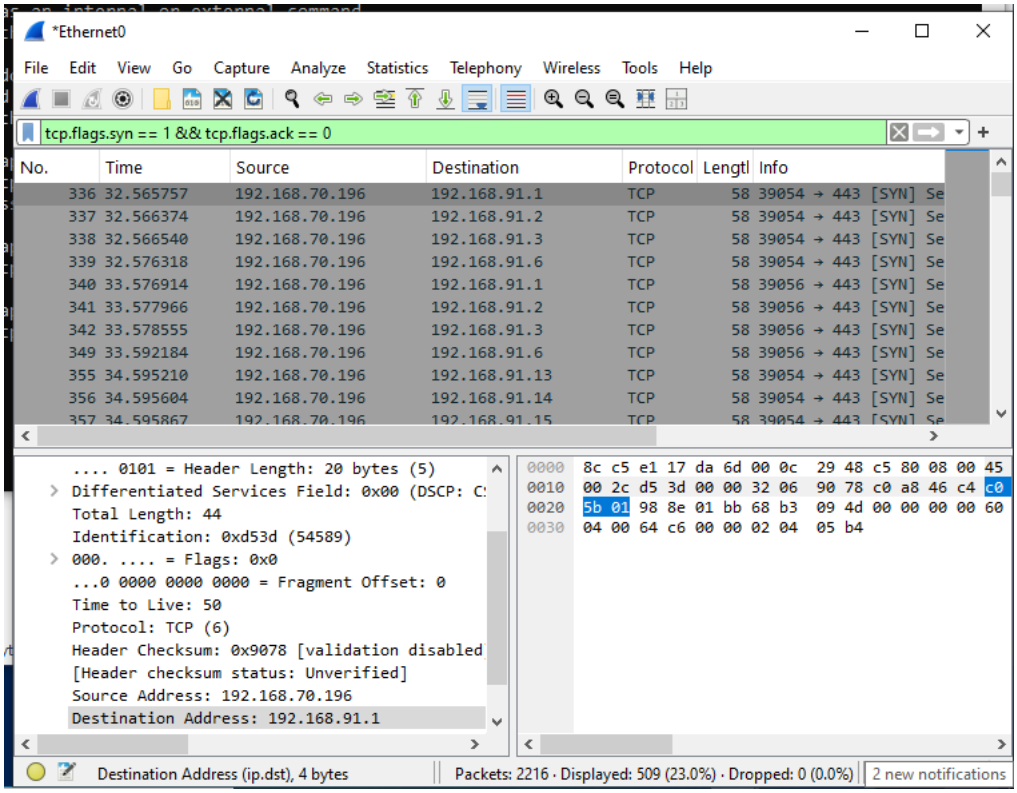



Select Command Prompt
53/tcp open domain
MAC Address: 00:50:56:F0:FB:92 (VMware)
Nmap scan report for 192.168.91.254
Host is up (0.0024s latency).
All 1000 scanned ports on 192.168.91.254 are in ignored states.
Not shown: 1000 filtered tcp ports (no-response)
MAC Address: 00:50:56:F8:17:86 (VMware)
Nmap scan report for 192.168.91.144
Host is up (0.00042s latency).
Not shown: 997 closed tcp ports (reset)
PORT   STATE SERVICE
135/tcp open msrpc
139/tcp open netbios-ssn
445/tcp open microsoft-ds
Nmap done: 256 IP addresses (4 hosts up) scanned in 60.66 seconds
C:\Users\UserCSEC202>nmap -sS 192.168.1.0/24
Starting Nmap 7.97 (https://nmap.org) at 2025-05-26 02:16 -0400
^C
C:\Users\UserCSEC202>nmap -sS 192.168.91.0/24 -oN scan_results.txt
Starting Nmap 7.97 (https://nmap.org) at 2025-05-26 02:28 -0400
Nmap scan report for 192.168.91.1
Host is up (0.0024s latency).
Not shown: 993 closed tcp ports (reset)
PORT   STATE SERVICE
135/tcp open msrpc
139/tcp open netbios-ssn
445/tcp open microsoft-ds
902/tcp open iss-realsecure
912/tcp open apex-mesh
3306/tcp open mysql
5357/tcp open wsdapi
MAC Address: 00:50:56:C0:00:08 (VMware)
Nmap scan report for 192.168.91.254
Host is up (0.0037s latency).
All 1000 scanned ports on 192.168.91.254 are in ignored states.
Not shown: 1000 filtered tcp ports (no-response)
MAC Address: 00:50:56:F8:17:86 (VMware)
Nmap scan report for 192.168.91.144
Host is up (0.00s latency).
Not shown: 997 closed tcp ports (reset)
PORT   STATE SERVICE
135/tcp open msrpc
139/tcp open netbios-ssn
445/tcp open microsoft-ds
Nmap done: 256 IP addresses (3 hosts up) scanned in 57.95 seconds

```
C:\Users\UserCSEC202>nmap -sS 192.168.91.0/24 -oX scan_results.xml
Starting Nmap 7.97 ( https://nmap.org ) at 2025-05-26 02:30 -0400
Nmap scan report for 192.168.91.1
Host is up (0.0022s latency).
Not shown: 993 closed tcp ports (reset)
PORT     STATE SERVICE
135/tcp  open  msrpc
139/tcp  open  netbios-ssn
445/tcp  open  microsoft-ds
902/tcp  open  iss-realsecure
912/tcp  open  apex-mesh
3306/tcp open  mysql
5357/tcp open  wsdapi
MAC Address: 00:50:56:C0:00:08 (VMware)

Nmap scan report for 192.168.91.254
Host is up (0.0038s latency).
All 1000 scanned ports on 192.168.91.254 are in ignored states.
Not shown: 1000 filtered tcp ports (no-response)
MAC Address: 00:50:56:F8:17:86 (VMware)

Nmap scan report for 192.168.91.144
Host is up (0.00070s latency).
Not shown: 997 closed tcp ports (reset)
PORT    STATE SERVICE
135/tcp open  msrpc
139/tcp open  netbios-ssn
445/tcp open  microsoft-ds

Nmap done: 256 IP addresses (3 hosts up) scanned in 60.42 seconds
```

Nmap scan results opened in web browser





Wireshark results