

```
C:\Users\...>ipconfig
```

```
Windows IP Configuration
```

```
Ethernet adapter Ethernet:
```

```
Media State . . . . . : Media disconnected  
Connection-specific DNS Suffix . :
```

```
Wireless LAN adapter Local Area Connection* 1:
```

```
Media State . . . . . : Media disconnected  
Connection-specific DNS Suffix . :
```

```
Wireless LAN adapter Local Area Connection* 2:
```

```
Media State . . . . . : Media disconnected  
Connection-specific DNS Suffix . :
```

```
Wireless LAN adapter Wi-Fi:
```

```
Connection-specific DNS Suffix . :  
IPv6 Address. . . . . :  
Temporary IPv6 Address. . . . . :  
Link-local IPv6 Address . . . . . :  
IPv4 Address. . . . . :  
Subnet Mask . . . . . :  
Default Gateway . . . . . :
```

```
Ethernet adapter Bluetooth Network Connection:
```

```
Media State . . . . . : Media disconnected
```



Saved successfully

Ethernet adapter Bluetooth Network Connection:

Media State : Media disconnected
Connection-specific DNS Suffix . :

```
C:\Users\user>nmap -sn 192.168.1.0/24
Starting Nmap 7.98 ( https://nmap.org ) at 2025-10-20 12:55 +0530
Nmap done: 256 IP addresses (0 hosts up) scanned in 209.90 seconds
```

```
C:\Users\user>sudo nmap -sS 192.168.1.0/24 -oN scan_summary.txt
'sudo' is not recognized as an internal or external command,
operable program or batch file.
```

```
C:\Users\user>nmap.exe -sS 192.168.1.0/24 -oN C:\Program Files(x86)\Nmap\scan_summary.txt
Failed to open normal output file C:\Program for writing: Access is denied.
(5)
```

```
C:\Users\user>nmap -sS 192.168.1.0/24 -T4 -oA local_tcp_syn_scan
Starting Nmap 7.98 ( https://nmap.org ) at 2025-10-20 14:39 +0530
Nmap done: 256 IP addresses (0 hosts up) scanned in 109.13 seconds
```