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Windows PowerShell
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.ms/PSWindows

PS C:\Users\venka> ipconfig

Windows IP Configuration


Ethernet adapter Ethernet 2:

   Connection-specific DNS Suffix  . :
   Link-local IPv6 Address . . . . . : fe80::cd30:56ba:1691:23f5%17
   IPv4 Address. . . . . . . . . . . : 192.168.56.1
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
   Default Gateway . . . . . . . . . :

Wireless LAN adapter Local Area Connection* 10:

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

Wireless LAN adapter Local Area Connection* 12:

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

Wireless LAN adapter Wi-Fi:

   Connection-specific DNS Suffix  . :
   Link-local IPv6 Address . . . . . : fe80::917c:d245:3771:e5ce%13
   IPv4 Address. . . . . . . . . . . : 10.0.45.121
   Subnet Mask . . . . . . . . . . . : 255.255.248.0
   Default Gateway . . . . . . . . . : 10.0.40.1

Ethernet adapter Bluetooth Network Connection:

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

```
Nmap scan report for 192.168.1.6
Host is up.
All 1000 scanned ports on 192.168.1.6 are in ignored states.
Not shown: 1000 filtered tcp ports (no-response)

Nmap scan report for 192.168.1.7
Host is up.
All 1000 scanned ports on 192.168.1.7 are in ignored states.
Not shown: 1000 filtered tcp ports (no-response)

Nmap scan report for 192.168.1.8
Host is up.
All 1000 scanned ports on 192.168.1.8 are in ignored states.
Not shown: 1000 filtered tcp ports (no-response)

Nmap scan report for 192.168.1.9
Host is up.
All 1000 scanned ports on 192.168.1.9 are in ignored states.
Not shown: 1000 filtered tcp ports (no-response)

Nmap scan report for 192.168.1.10
Host is up.
All 1000 scanned ports on 192.168.1.10 are in ignored states.
Not shown: 1000 filtered tcp ports (no-response)

Nmap scan report for 192.168.1.11
Host is up.
All 1000 scanned ports on 192.168.1.11 are in ignored states.
Not shown: 1000 filtered tcp ports (no-response)

Nmap scan report for 192.168.1.12
Host is up (0.0095s latency).
Not shown: 997 closed tcp ports (reset)
PORT     STATE SERVICE
22/tcp  open   ssh
80/tcp  open   http
443/tcp open   https

Nmap scan report for 192.168.1.13
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```
S C:\Users\venka> nmap -sS -Pn 192.168.1.0/24
tarting Nmap 7.98 ( https://nmap.org ) at 2025-09-24 18:54 +0530
tats: 0:00:27 elapsed; 0 hosts completed (0 up), 0 undergoing Host Discover

arallel DNS resolution of 256 hosts. Timing: About 17.58% done; ETC: 18:57
0:02:07 remaining)
tats: 0:00:35 elapsed; 0 hosts completed (0 up), 0 undergoing Host Discover

arallel DNS resolution of 256 hosts. Timing: About 23.05% done; ETC: 18:57
0:01:57 remaining)
tats: 0:00:36 elapsed; 0 hosts completed (0 up), 0 undergoing Host Discover

arallel DNS resolution of 256 hosts. Timing: About 23.83% done; ETC: 18:57
0:01:55 remaining)
map scan report for 192.168.1.0
ost is up.
ll 1000 scanned ports on 192.168.1.0 are in ignored states.
ot shown: 1000 filtered tcp ports (no-response)

map scan report for 192.168.1.1
ost is up (0.021s latency).
ot shown: 997 closed tcp ports (reset)
ORT    STATE SERVICE
2/tcp open   ssh
3/tcp open   telnet
0/tcp open   http

map scan report for 192.168.1.2
ost is up (0.0093s latency).
ot shown: 995 closed tcp ports (reset)
ORT     STATE SERVICE
39/tcp  open   netbios-ssn
45/tcp  open   microsoft-ds
48/tcp  open   afp
000/tcp open   upnp
001/tcp open   commplex-link

map scan report for 192.168.1.3
ost is up (0.022s latency).
ot shown: 996 closed tcp ports (reset)
```

```
Nmap scan report for 192.168.1.42
Host is up (0.015s latency).
Not shown: 997 closed tcp ports (reset)
PORT     STATE SERVICE
22/tcp   open  ssh
80/tcp   open  http
443/tcp  open  https

Nmap scan report for 192.168.1.43
Host is up (0.015s latency).
Not shown: 997 closed tcp ports (reset)
PORT     STATE SERVICE
22/tcp   open  ssh
80/tcp   open  http
443/tcp  open  https

Nmap scan report for 192.168.1.44
Host is up (0.013s latency).
Not shown: 999 closed tcp ports (reset)
PORT    STATE SERVICE
80/tcp open  http
```