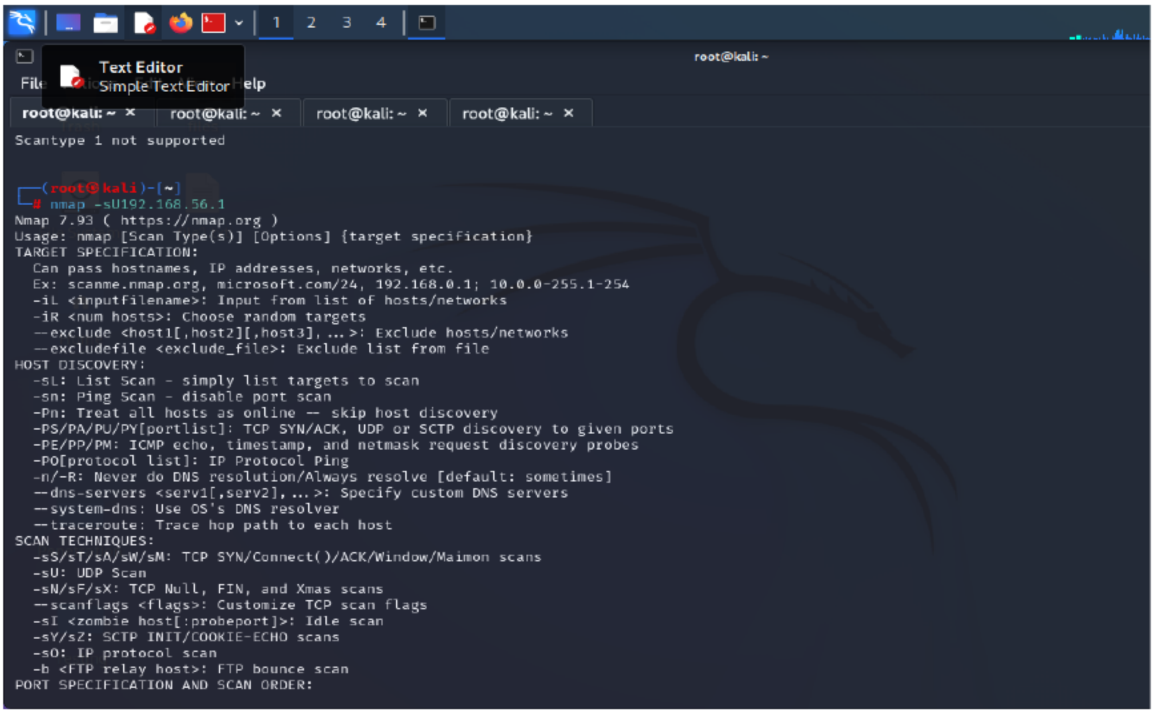
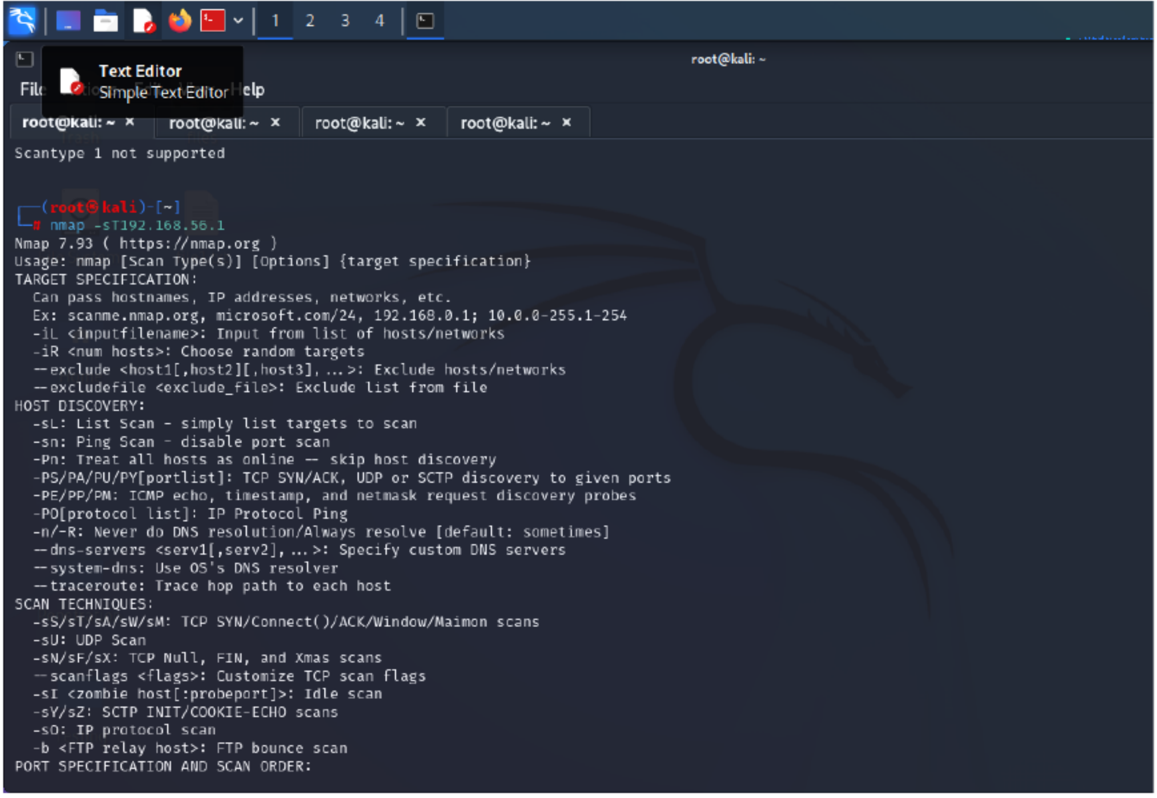
ETHICAL HACKING

EXPERIMENT 2 (NMAP SCAN)

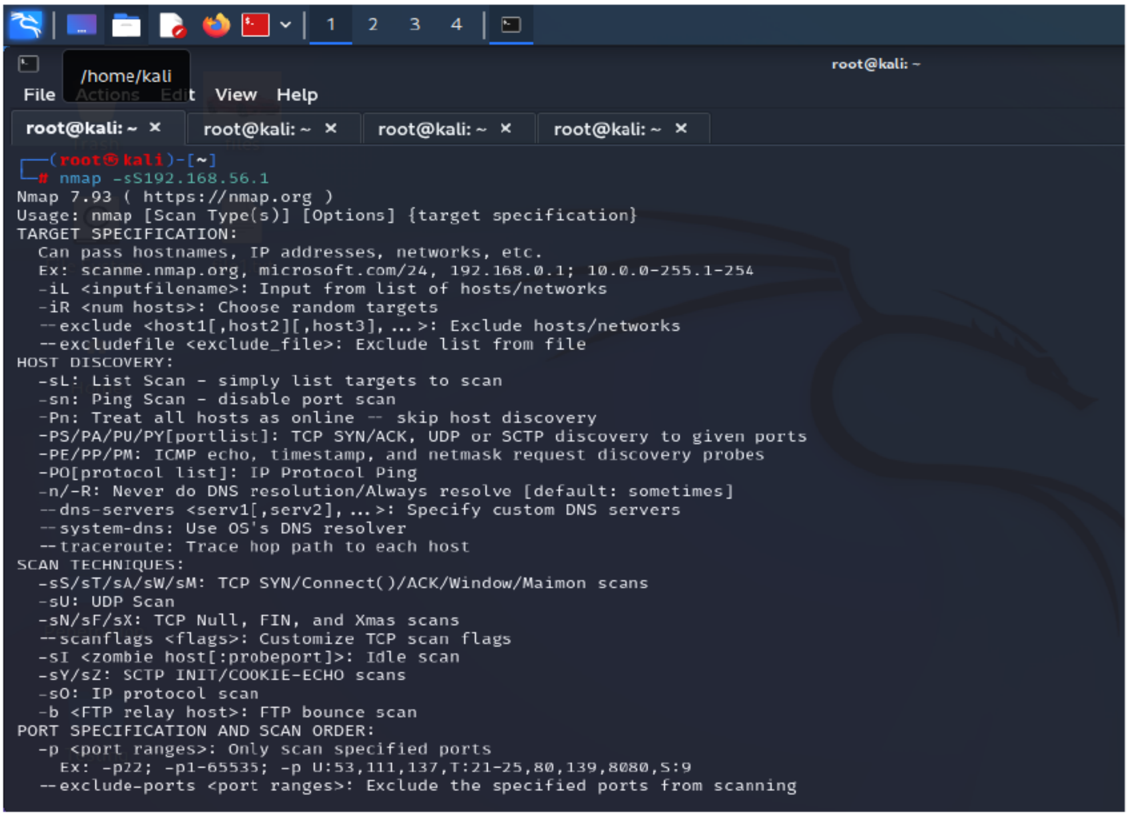
SCANNING TECHNIQUES



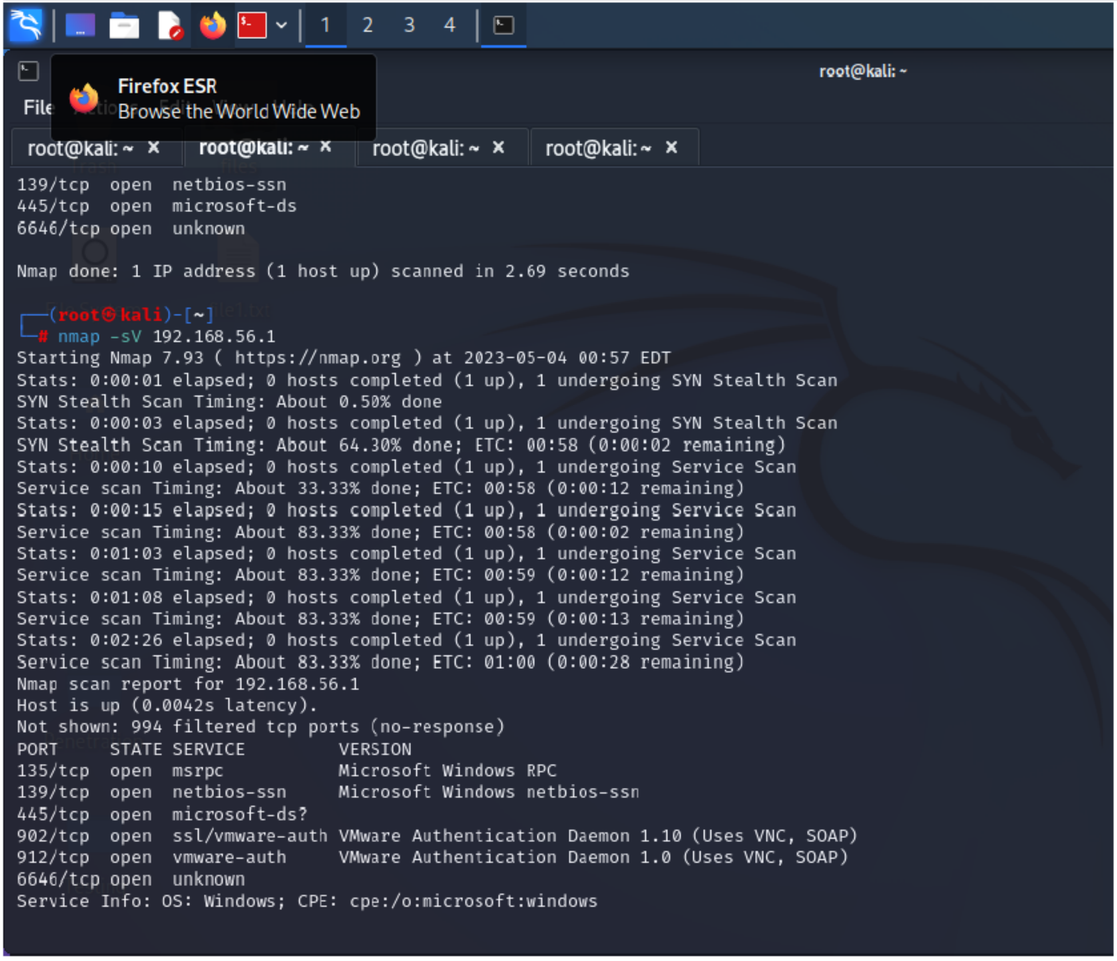
```
Scantype 1 not supported


┌──(root㉿kali)-[~]
└─# nmap -sU192.168.56.1
Nmap 7.93 ( https://nmap.org )
Usage: nmap [Scan Type(s)] [Options] {target specification}
TARGET SPECIFICATION:
  Can pass hostnames, IP addresses, networks, etc.
  Ex: scanme.nmap.org, microsoft.com/24, 192.168.0.1; 10.0.0-255.1-254
  -iL <inputfilename>: Input from list of hosts/networks
  -iR <num hosts>: Choose random targets
  --exclude <host1[,host2][,host3],...>: Exclude hosts/networks
  --excludefile <exclude_file>: Exclude list from file
HOST DISCOVERY:
  -sL: List Scan - simply list targets to scan
  -sn: Ping Scan - disable port scan
  -Pn: Treat all hosts as online -- skip host discovery
  -PS/PA/PU/PY[portlist]: TCP SYN/ACK, UDP or SCTP discovery to given ports
  -PE/PP/PM: ICMP echo, timestamp, and netmask request discovery probes
  -PO[protocol list]: IP Protocol Ping
  -n/-R: Never do DNS resolution/Always resolve [default: sometimes]
  --dns-servers <serv1[,serv2],...>: Specify custom DNS servers
  --system-dns: Use OS's DNS resolver
  --traceroute: Trace hop path to each host
SCAN TECHNIQUES:
  -sS/sT/sA/sW/sM: TCP SYN/Connect()/ACK/Window/Maimon scans
  -sU: UDP Scan
  -sN/sF/sX: TCP Null, FIN, and Xmas scans
  --scanflags <flags>: Customize TCP scan flags
  -sI <zombie host[:probeport]>: Idle scan
  -sY/sZ: SCTP INIT/COOKIE-ECHO scans
  -sO: IP protocol scan
  -b <FTP relay host>: FTP bounce scan
PORT SPECIFICATION AND SCAN ORDER:
```



```
Scantype 1 not supported


┌──(root㉿kali)-[~]
└─# nmap -sT192.168.56.1
Nmap 7.93 ( https://nmap.org )
Usage: nmap [Scan Type(s)] [Options] {target specification}
TARGET SPECIFICATION:
  Can pass hostnames, IP addresses, networks, etc.
  Ex: scanme.nmap.org, microsoft.com/24, 192.168.0.1; 10.0.0-255.1-254
  -iL <inputfilename>: Input from list of hosts/networks
  -iR <num hosts>: Choose random targets
  --exclude <host1[,host2][,host3],...>: Exclude hosts/networks
  --excludefile <exclude_file>: Exclude list from file
HOST DISCOVERY:
  -sL: List Scan - simply list targets to scan
  -sn: Ping Scan - disable port scan
  -Pn: Treat all hosts as online -- skip host discovery
  -PS/PA/PU/PY[portlist]: TCP SYN/ACK, UDP or SCTP discovery to given ports
  -PE/PP/PM: ICMP echo, timestamp, and netmask request discovery probes
  -PO[protocol list]: IP Protocol Ping
  -n/-R: Never do DNS resolution/Always resolve [default: sometimes]
  --dns-servers <serv1[,serv2],...>: Specify custom DNS servers
  --system-dns: Use OS's DNS resolver
  --traceroute: Trace hop path to each host
SCAN TECHNIQUES:
  -sS/sT/sA/sW/sM: TCP SYN/Connect()/ACK/Window/Maimon scans
  -sU: UDP Scan
  -sN/sF/sX: TCP Null, FIN, and Xmas scans
  --scanflags <flags>: Customize TCP scan flags
  -sI <zombie host[:probeport]>: Idle scan
  -sY/sZ: SCTP INIT/COOKIE-ECHO scans
  -sO: IP protocol scan
  -b <FTP relay host>: FTP bounce scan
PORT SPECIFICATION AND SCAN ORDER:
```

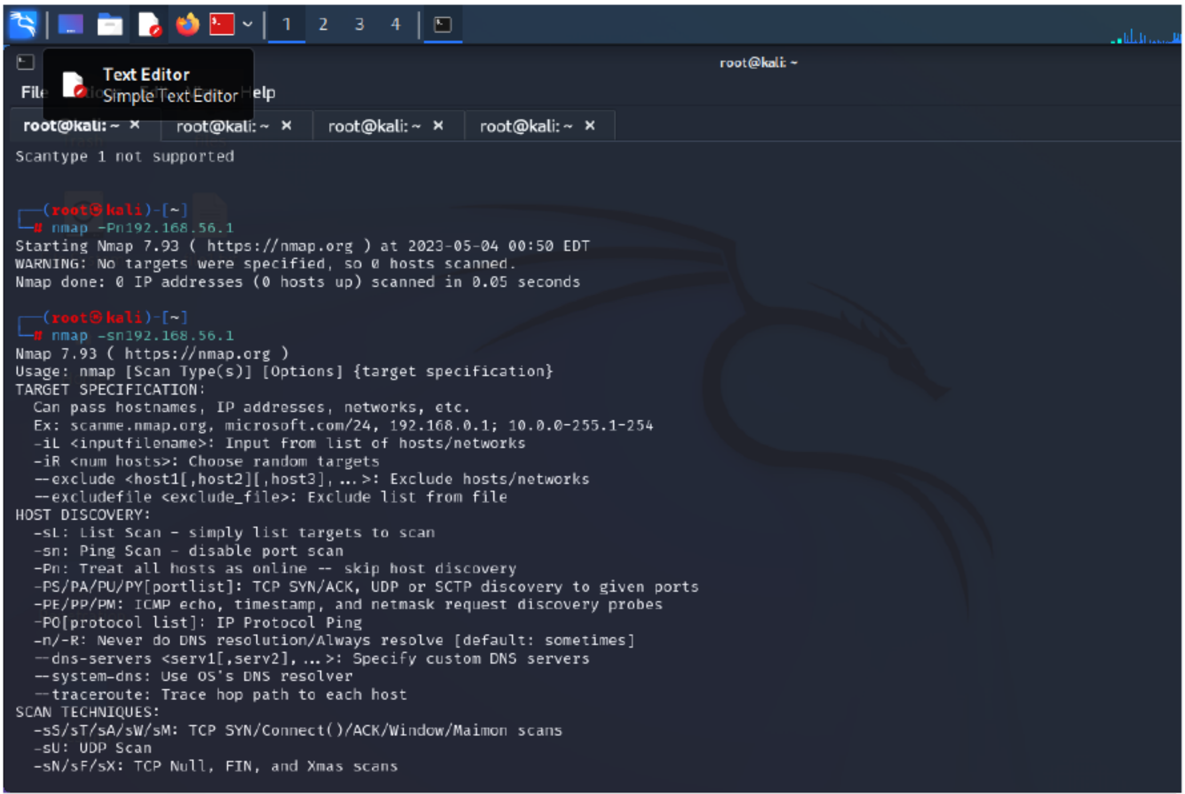


```
┌──(root㉿kali)-[~]
└─# nmap -sS192.168.56.1
Nmap 7.93 ( https://nmap.org )
Usage: nmap [Scan Type(s)] [Options] {target specification}
TARGET SPECIFICATION:
  Can pass hostnames, IP addresses, networks, etc.
  Ex: scanme.nmap.org, microsoft.com/24, 192.168.0.1; 10.0.0-255.1-254
  -iL <inputfilename>: Input from list of hosts/networks
  -iR <num hosts>: Choose random targets
  --exclude <host1[,host2][,host3],...>: Exclude hosts/networks
  --excludefile <exclude_file>: Exclude list from file
HOST DISCOVERY:
  -sL: List Scan - simply list targets to scan
  -sn: Ping Scan - disable port scan
  -Pn: Treat all hosts as online -- skip host discovery
  -PS/PA/PU/PY[portlist]: TCP SYN/ACK, UDP or SCTP discovery to given ports
  -PE/PP/PM: ICMP echo, timestamp, and netmask request discovery probes
  -PO[protocol list]: IP Protocol Ping
  -n/-R: Never do DNS resolution/Always resolve [default: sometimes]
  --dns-servers <serv1[,serv2],...>: Specify custom DNS servers
  --system-dns: Use OS's DNS resolver
  --traceroute: Trace hop path to each host
SCAN TECHNIQUES:
  -sS/sT/sA/sW/sM: TCP SYN/Connect()/ACK/Window/Maimon scans
  -sU: UDP Scan
  -sN/sF/sX: TCP Null, FIN, and Xmas scans
  --scanflags <flags>: Customize TCP scan flags
  -sI <zombie host[:probeport]>: Idle scan
  -sY/sZ: SCTP INIT/COOKIE-ECHO scans
  -sO: IP protocol scan
  -b <FTP relay host>: FTP bounce scan
PORT SPECIFICATION AND SCAN ORDER:
  -p <port ranges>: Only scan specified ports
    Ex: -p22; -p1-65535; -p U:53,111,137,T:21-25,80,139,8080,S:9
  --exclude-ports <port ranges>: Exclude the specified ports from scanning
```

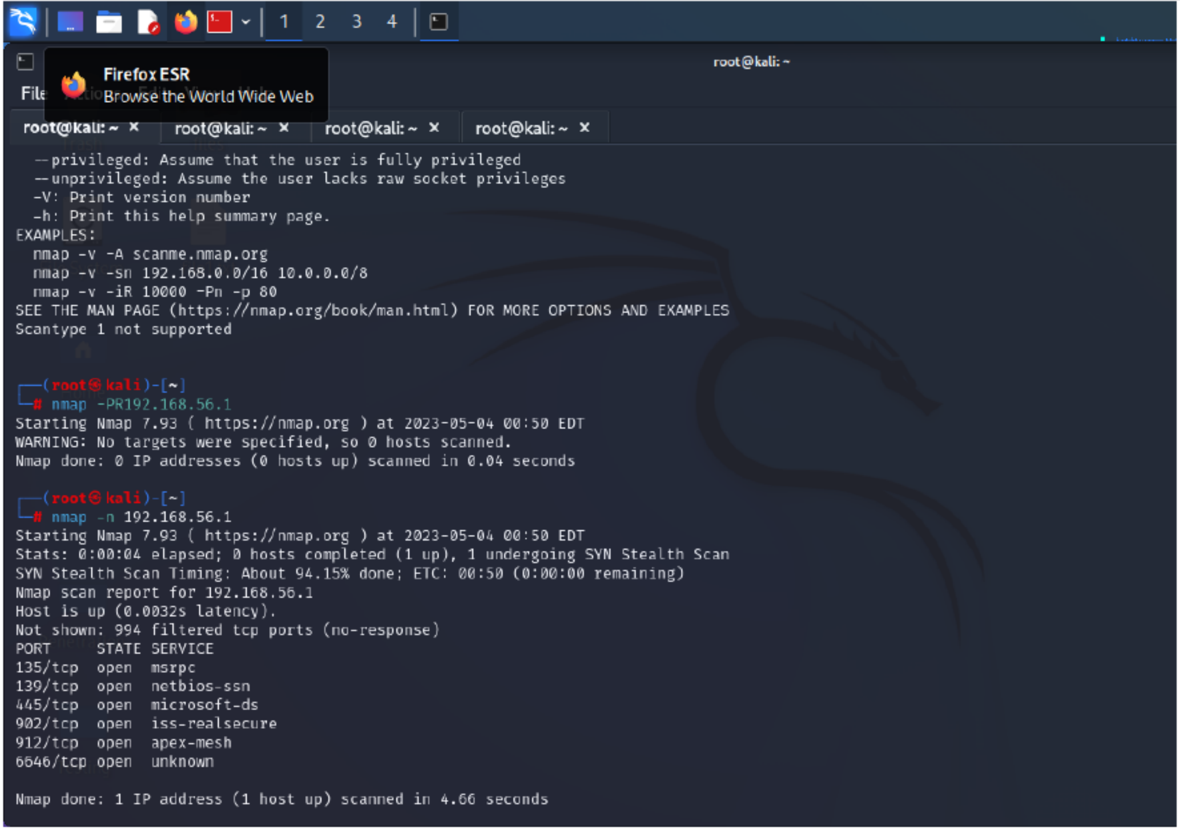


```
139/tcp  open  netbios-ssn
445/tcp  open  microsoft-ds
6646/tcp open  unknown

Nmap done: 1 IP address (1 host up) scanned in 2.69 seconds

┌──(root㉿kali)-[~]
└─# nmap -sV 192.168.56.1
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-04 00:57 EDT
Stats: 0:00:01 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
SYN Stealth Scan Timing: About 0.50% done
Stats: 0:00:03 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
SYN Stealth Scan Timing: About 64.30% done; ETC: 00:58 (0:00:02 remaining)
Stats: 0:00:10 elapsed; 0 hosts completed (1 up), 1 undergoing Service Scan
Service scan Timing: About 33.33% done; ETC: 00:58 (0:00:12 remaining)
Stats: 0:00:15 elapsed; 0 hosts completed (1 up), 1 undergoing Service Scan
Service scan Timing: About 83.33% done; ETC: 00:58 (0:00:02 remaining)
Stats: 0:01:03 elapsed; 0 hosts completed (1 up), 1 undergoing Service Scan
Service scan Timing: About 83.33% done; ETC: 00:59 (0:00:12 remaining)
Stats: 0:01:08 elapsed; 0 hosts completed (1 up), 1 undergoing Service Scan
Service scan Timing: About 83.33% done; ETC: 00:59 (0:00:13 remaining)
Stats: 0:02:26 elapsed; 0 hosts completed (1 up), 1 undergoing Service Scan
Service scan Timing: About 83.33% done; ETC: 01:00 (0:00:28 remaining)
Nmap scan report for 192.168.56.1
Host is up (0.0042s latency).
Not shown: 994 filtered tcp ports (no-response)
PORT     STATE SERVICE         VERSION
135/tcp  open  msrpc           Microsoft Windows RPC
139/tcp  open  netbios-ssn     Microsoft Windows netbios-ssn
445/tcp  open  microsoft-ds?
902/tcp  open  ssl/vmware-auth VMware Authentication Daemon 1.10 (Uses VNC, SOAP)
912/tcp  open  vmware-auth     VMware Authentication Daemon 1.0 (Uses VNC, SOAP)
6646/tcp open  unknown
Service Info: OS: Windows; CPE: cpe:/o:microsoft:windows
```

HOST DISCOVERY

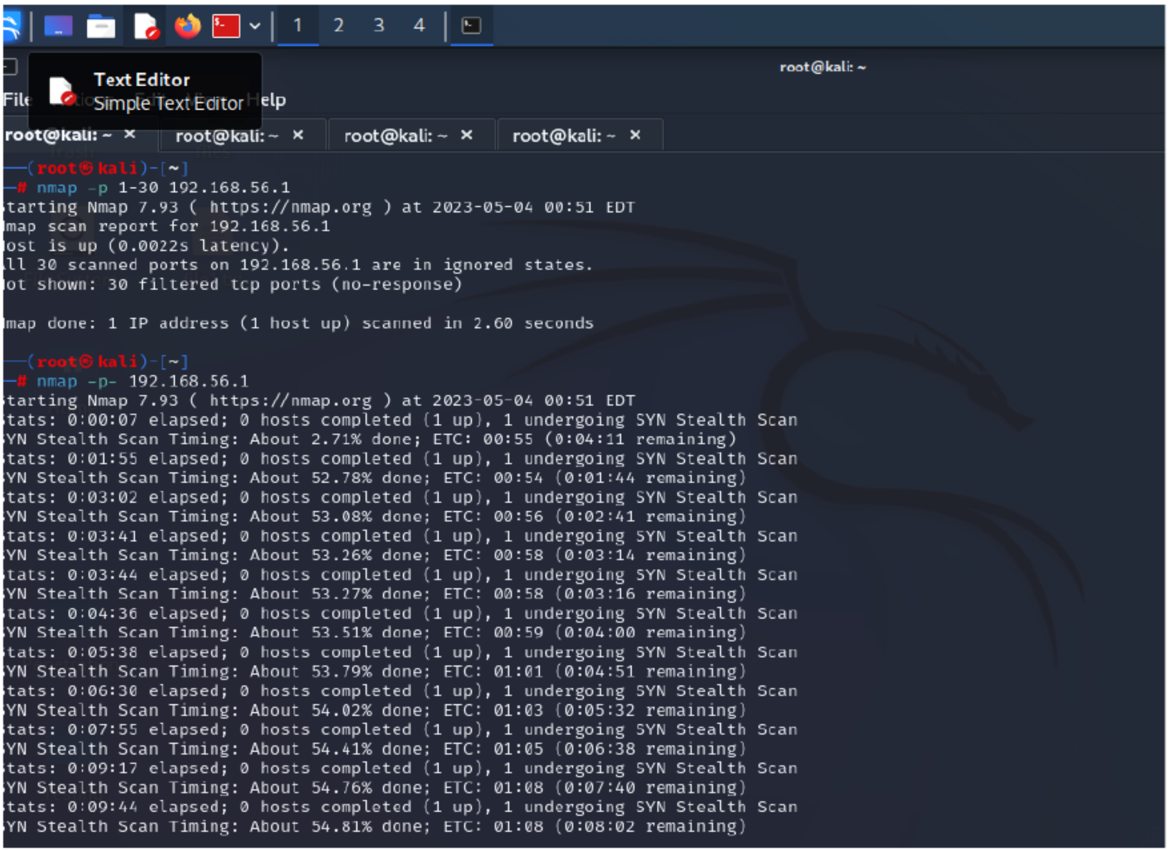


```
Scantype 1 not supported


┌──(root㉿kali)-[~]
└─# nmap -Pn192.168.56.1
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-04 00:50 EDT
WARNING: No targets were specified, so 0 hosts scanned.
Nmap done: 0 IP addresses (0 hosts up) scanned in 0.05 seconds

┌──(root㉿kali)-[~]
└─# nmap -sn192.168.56.1
Nmap 7.93 ( https://nmap.org )
Usage: nmap [Scan Type(s)] [Options] {target specification}
TARGET SPECIFICATION:
  Can pass hostnames, IP addresses, networks, etc.
  Ex: scanme.nmap.org, microsoft.com/24, 192.168.0.1; 10.0.0-255.1-254
  -iL <inputfilename>: Input from list of hosts/networks
  -iR <num hosts>: Choose random targets
  --exclude <host1[,host2][,host3],...>: Exclude hosts/networks
  --excludefile <exclude_file>: Exclude list from file
HOST DISCOVERY:
  -sL: List Scan - simply list targets to scan
  -sn: Ping Scan - disable port scan
  -Pn: Treat all hosts as online -- skip host discovery
  -PS/PA/PU/PY[portlist]: TCP SYN/ACK, UDP or SCTP discovery to given ports
  -PE/PP/PM: ICMP echo, timestamp, and netmask request discovery probes
  -PO[protocol list]: IP Protocol Ping
  -n/-R: Never do DNS resolution/Always resolve [default: sometimes]
  --dns-servers <serv1[,serv2],...>: Specify custom DNS servers
  --system-dns: Use OS's DNS resolver
  --traceroute: Trace hop path to each host
SCAN TECHNIQUES:
  -sS/sT/sA/sW/sM: TCP SYN/Connect()/ACK/Window/Maimon scans
  -sU: UDP Scan
  -sN/sF/sX: TCP Null, FIN, and Xmas scans
```

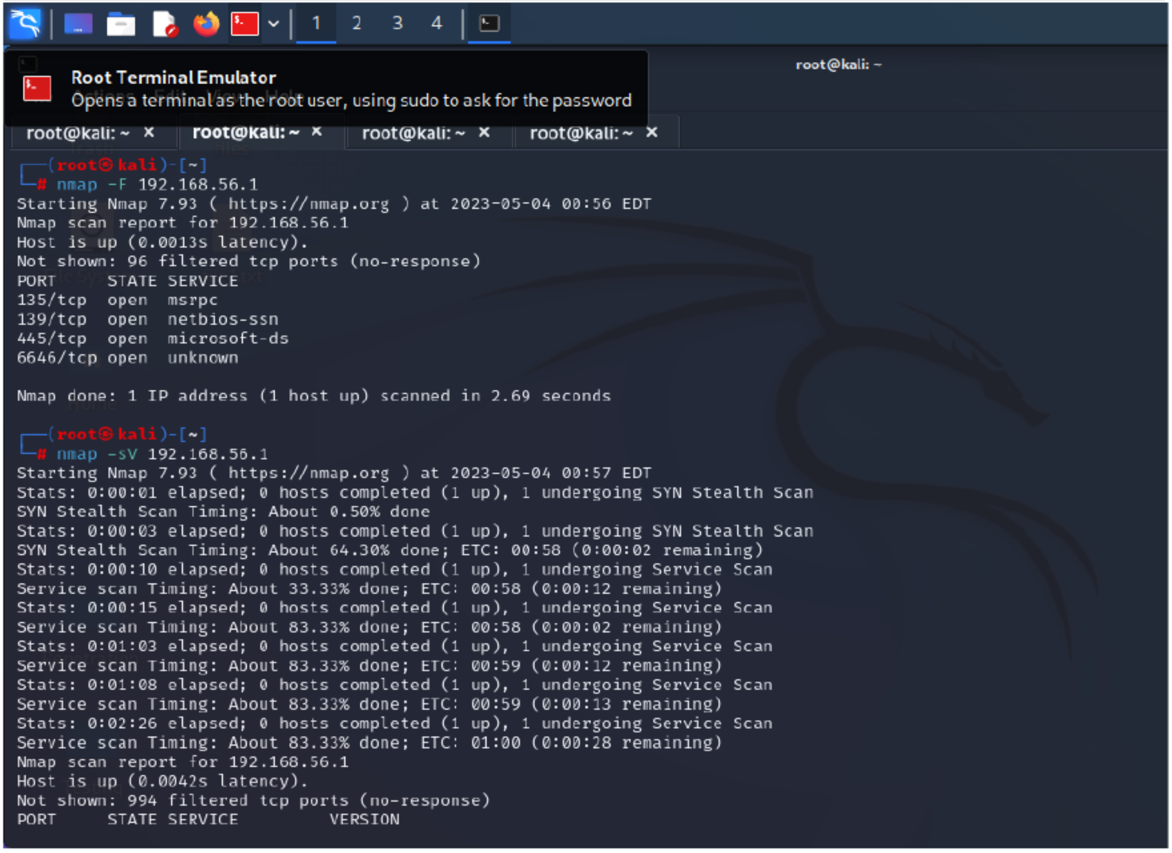


```
  --privileged: Assume that the user is fully privileged
  --unprivileged: Assume the user lacks raw socket privileges
  -V: Print version number
  -h: Print this help summary page.
EXAMPLES:
  nmap -v -A scanme.nmap.org
  nmap -v -sn 192.168.0.0/16 10.0.0.0/8
  nmap -v -iR 10000 -Pn -p 80
SEE THE MAN PAGE (https://nmap.org/book/man.html) FOR MORE OPTIONS AND EXAMPLES
Scantype 1 not supported


┌──(root㉿kali)-[~]
└─# nmap -PR192.168.56.1
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-04 00:50 EDT
WARNING: No targets were specified, so 0 hosts scanned.
Nmap done: 0 IP addresses (0 hosts up) scanned in 0.04 seconds

┌──(root㉿kali)-[~]
└─# nmap -n 192.168.56.1
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-04 00:50 EDT
Stats: 0:00:04 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
SYN Stealth Scan Timing: About 94.15% done; ETC: 00:50 (0:00:00 remaining)
Nmap scan report for 192.168.56.1
Host is up (0.0032s latency).
Not shown: 994 filtered tcp ports (no-response)
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
6646/tcp open  unknown

Nmap done: 1 IP address (1 host up) scanned in 4.66 seconds
```

PORT SPECIFICATION

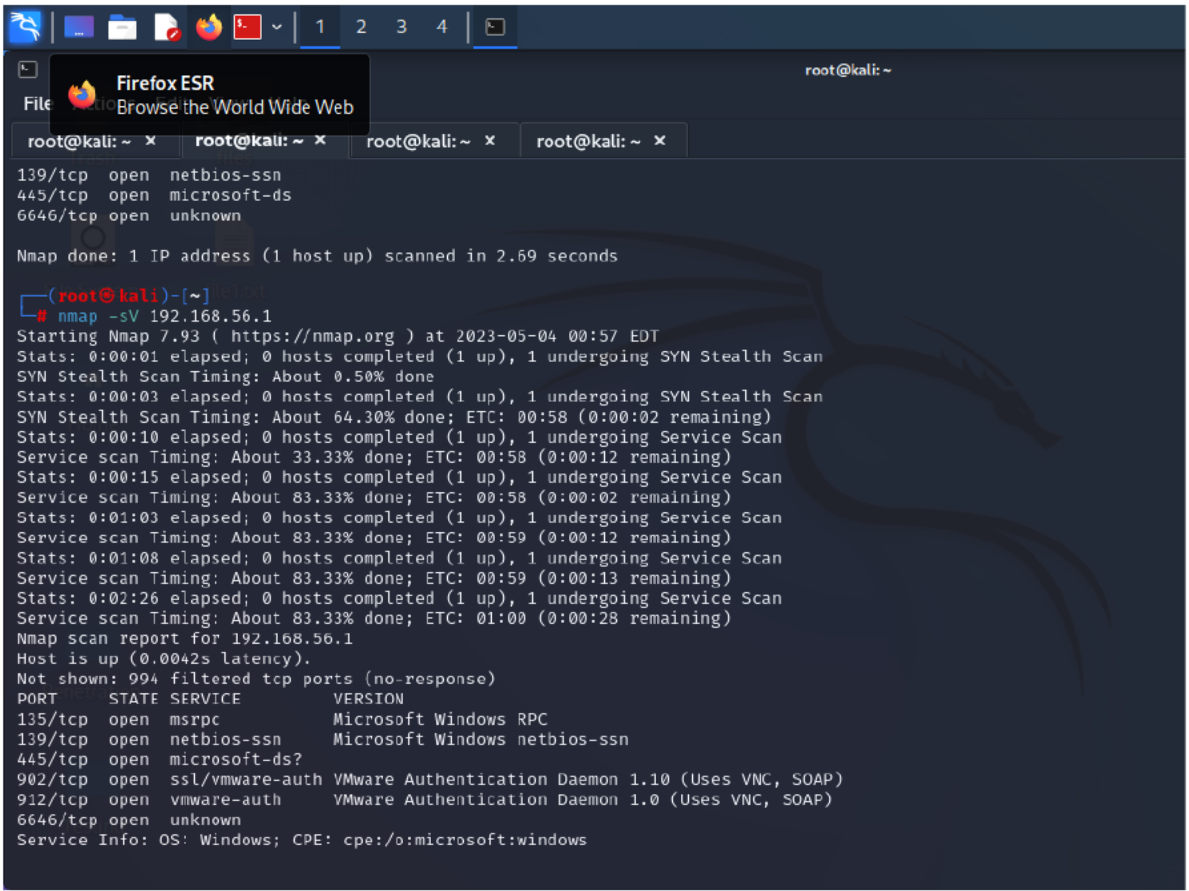


```
—(root㉿kali)-[~]
—# nmap -p 1-30 192.168.56.1
tarting Nmap 7.93 ( https://nmap.org ) at 2023-05-04 00:51 EDT
map scan report for 192.168.56.1
ost is up (0.0022s latency).
ll 30 scanned ports on 192.168.56.1 are in ignored states.
ot shown: 30 filtered tcp ports (no-response)

map done: 1 IP address (1 host up) scanned in 2.60 seconds

—(root㉿kali)-[~]
—# nmap -p- 192.168.56.1
tarting Nmap 7.93 ( https://nmap.org ) at 2023-05-04 00:51 EDT
tats: 0:00:07 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
YN Stealth Scan Timing: About 2.71% done; ETC: 00:55 (0:04:11 remaining)
tats: 0:01:55 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
YN Stealth Scan Timing: About 52.78% done; ETC: 00:54 (0:01:44 remaining)
tats: 0:03:02 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
YN Stealth Scan Timing: About 53.08% done; ETC: 00:56 (0:02:41 remaining)
tats: 0:03:41 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
YN Stealth Scan Timing: About 53.26% done; ETC: 00:58 (0:03:14 remaining)
tats: 0:03:44 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
YN Stealth Scan Timing: About 53.27% done; ETC: 00:58 (0:03:16 remaining)
tats: 0:04:36 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
YN Stealth Scan Timing: About 53.51% done; ETC: 00:59 (0:04:00 remaining)
tats: 0:05:38 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
YN Stealth Scan Timing: About 53.79% done; ETC: 01:01 (0:04:51 remaining)
tats: 0:06:30 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
YN Stealth Scan Timing: About 54.02% done; ETC: 01:03 (0:05:32 remaining)
tats: 0:07:55 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
YN Stealth Scan Timing: About 54.41% done; ETC: 01:05 (0:06:38 remaining)
tats: 0:09:17 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
YN Stealth Scan Timing: About 54.76% done; ETC: 01:08 (0:07:40 remaining)
tats: 0:09:44 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
YN Stealth Scan Timing: About 54.81% done; ETC: 01:08 (0:08:02 remaining)
```

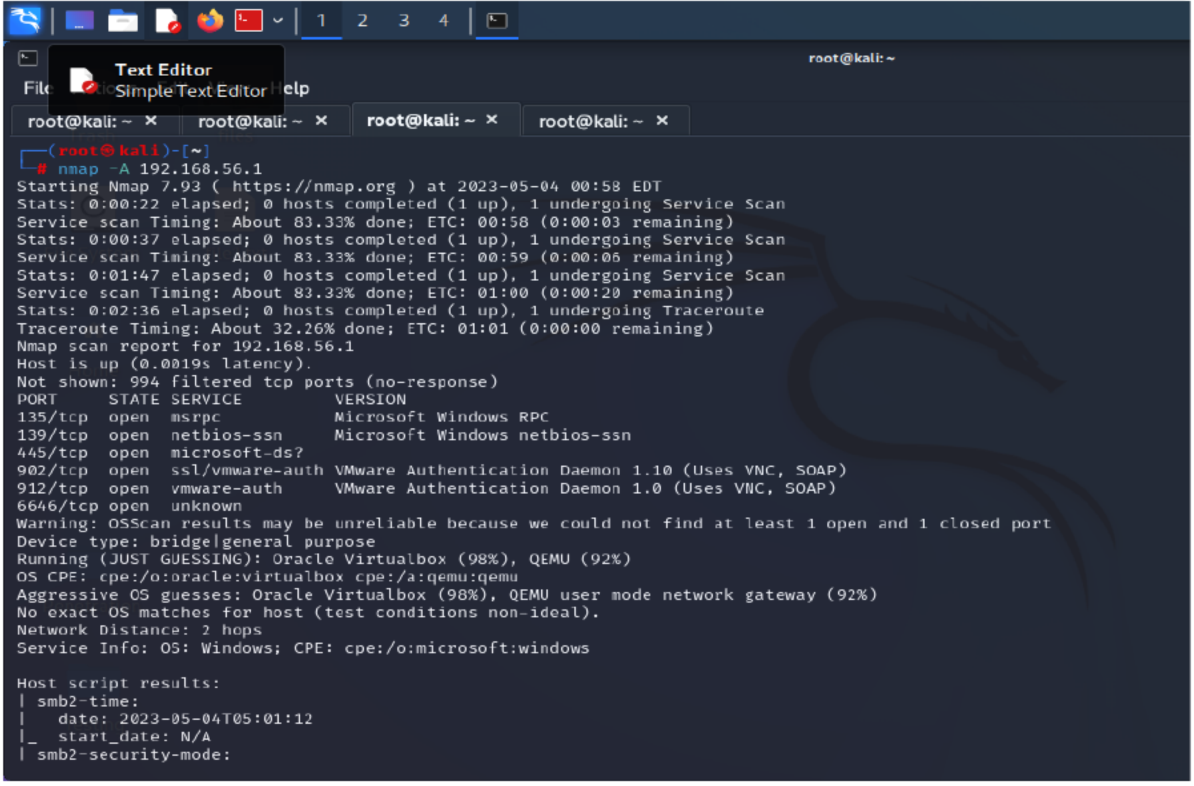


```
┌──(root㉿kali)-[~]
└─# nmap -F 192.168.56.1
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-04 00:56 EDT
Nmap scan report for 192.168.56.1
Host is up (0.0013s latency).
Not shown: 96 filtered tcp ports (no-response)
PORT     STATE SERVICE
135/tcp  open  msrpc
139/tcp  open  netbios-ssn
445/tcp  open  microsoft-ds
6646/tcp open  unknown

Nmap done: 1 IP address (1 host up) scanned in 2.69 seconds

┌──(root㉿kali)-[~]
└─# nmap -sV 192.168.56.1
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-04 00:57 EDT
Stats: 0:00:01 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
SYN Stealth Scan Timing: About 0.50% done
Stats: 0:00:03 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
SYN Stealth Scan Timing: About 64.30% done; ETC: 00:58 (0:00:02 remaining)
Stats: 0:00:10 elapsed; 0 hosts completed (1 up), 1 undergoing Service Scan
Service scan Timing: About 33.33% done; ETC: 00:58 (0:00:12 remaining)
Stats: 0:00:15 elapsed; 0 hosts completed (1 up), 1 undergoing Service Scan
Service scan Timing: About 83.33% done; ETC: 00:58 (0:00:02 remaining)
Stats: 0:01:03 elapsed; 0 hosts completed (1 up), 1 undergoing Service Scan
Service scan Timing: About 83.33% done; ETC: 00:59 (0:00:12 remaining)
Stats: 0:01:08 elapsed; 0 hosts completed (1 up), 1 undergoing Service Scan
Service scan Timing: About 83.33% done; ETC: 00:59 (0:00:13 remaining)
Stats: 0:02:26 elapsed; 0 hosts completed (1 up), 1 undergoing Service Scan
Service scan Timing: About 83.33% done; ETC: 01:00 (0:00:28 remaining)
Nmap scan report for 192.168.56.1
Host is up (0.0042s latency).
Not shown: 994 filtered tcp ports (no-response)
PORT     STATE SERVICE         VERSION
```

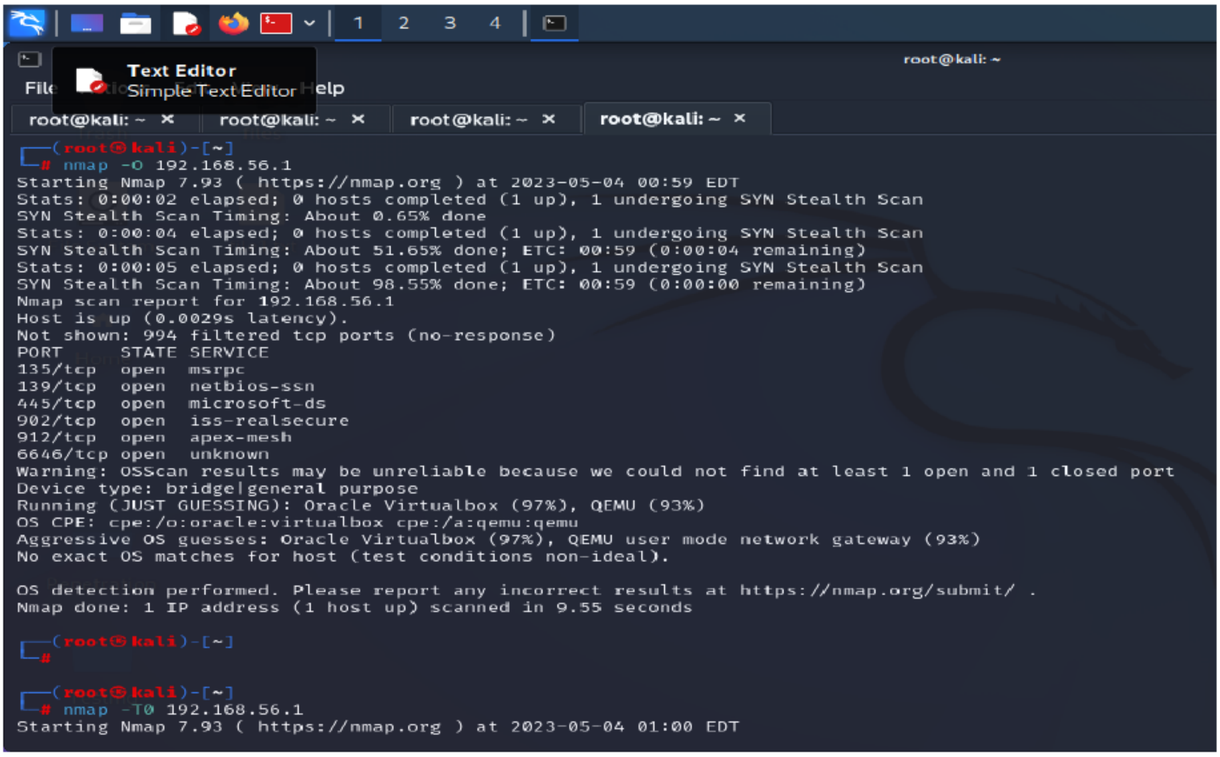
SERVICE VERSION AND OS DETECTION



```
139/tcp  open  netbios-ssn
445/tcp  open  microsoft-ds
6646/tcp open  unknown

Nmap done: 1 IP address (1 host up) scanned in 2.69 seconds

┌──(root㉿kali)-[~]
└─# nmap -sV 192.168.56.1
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-04 00:57 EDT
Stats: 0:00:01 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
SYN Stealth Scan Timing: About 0.50% done
Stats: 0:00:03 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
SYN Stealth Scan Timing: About 64.30% done; ETC: 00:58 (0:00:02 remaining)
Stats: 0:00:10 elapsed; 0 hosts completed (1 up), 1 undergoing Service Scan
Service scan Timing: About 33.33% done; ETC: 00:58 (0:00:12 remaining)
Stats: 0:00:15 elapsed; 0 hosts completed (1 up), 1 undergoing Service Scan
Service scan Timing: About 83.33% done; ETC: 00:58 (0:00:02 remaining)
Stats: 0:01:03 elapsed; 0 hosts completed (1 up), 1 undergoing Service Scan
Service scan Timing: About 83.33% done; ETC: 00:59 (0:00:12 remaining)
Stats: 0:01:08 elapsed; 0 hosts completed (1 up), 1 undergoing Service Scan
Service scan Timing: About 83.33% done; ETC: 00:59 (0:00:13 remaining)
Stats: 0:02:26 elapsed; 0 hosts completed (1 up), 1 undergoing Service Scan
Service scan Timing: About 83.33% done; ETC: 01:00 (0:00:28 remaining)
Nmap scan report for 192.168.56.1
Host is up (0.0042s latency).
Not shown: 994 filtered tcp ports (no-response)
PORT     STATE SERVICE         VERSION
135/tcp  open  msrpc           Microsoft Windows RPC
139/tcp  open  netbios-ssn     Microsoft Windows netbios-ssn
445/tcp  open  microsoft-ds?
902/tcp  open  ssl/vmware-auth VMware Authentication Daemon 1.10 (Uses VNC, SOAP)
912/tcp  open  vmware-auth     VMware Authentication Daemon 1.0 (Uses VNC, SOAP)
6646/tcp open  unknown
Service Info: OS: Windows; CPE: cpe:/o:microsoft:windows
```

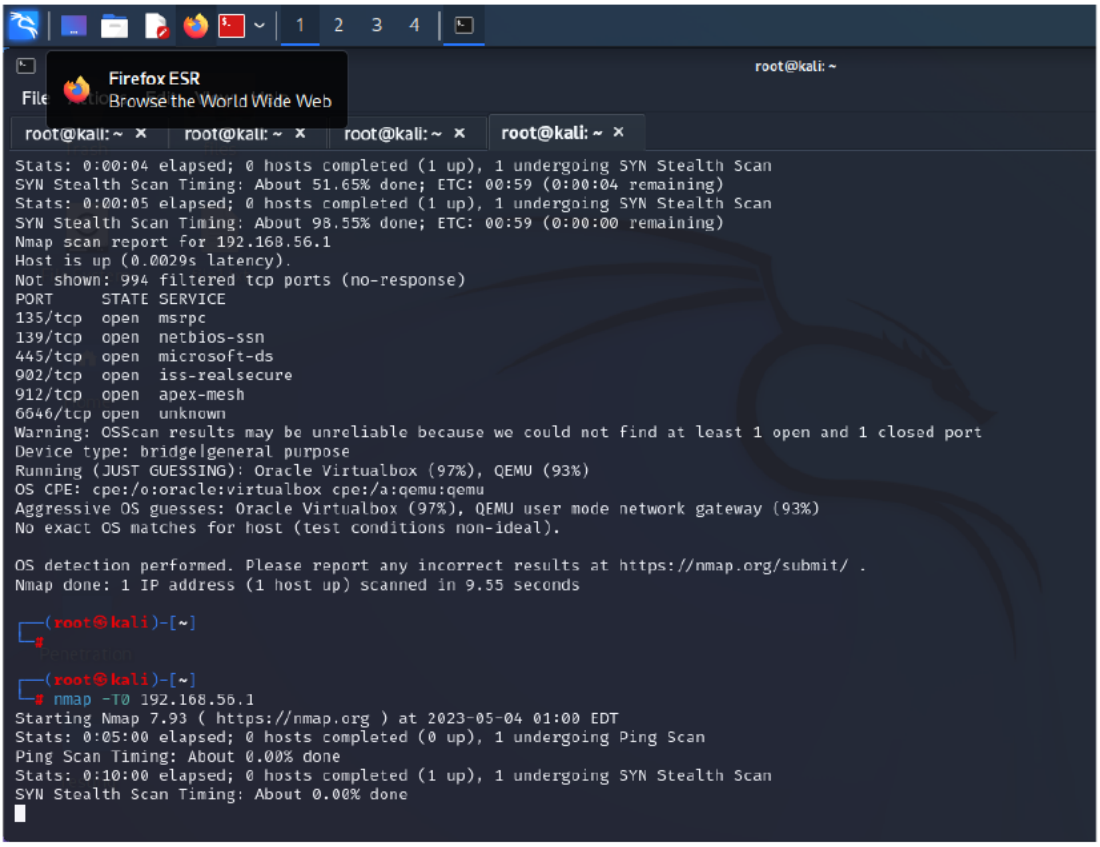


```
┌──(root㉿kali)-[~]
└─# nmap -A 192.168.56.1
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-04 00:58 EDT
Stats: 0:00:22 elapsed; 0 hosts completed (1 up), 1 undergoing Service Scan
Service scan Timing: About 83.33% done; ETC: 00:58 (0:00:03 remaining)
Stats: 0:00:37 elapsed; 0 hosts completed (1 up), 1 undergoing Service Scan
Service scan Timing: About 83.33% done; ETC: 00:59 (0:00:06 remaining)
Stats: 0:01:47 elapsed; 0 hosts completed (1 up), 1 undergoing Service Scan
Service scan Timing: About 83.33% done; ETC: 01:00 (0:00:20 remaining)
Stats: 0:02:36 elapsed; 0 hosts completed (1 up), 1 undergoing Traceroute
Traceroute Timing: About 32.26% done; ETC: 01:01 (0:00:00 remaining)
Nmap scan report for 192.168.56.1
Host is up (0.0019s latency).
Not shown: 994 filtered tcp ports (no-response)
PORT     STATE SERVICE         VERSION
135/tcp  open  msrpc           Microsoft Windows RPC
139/tcp  open  netbios-ssn     Microsoft Windows netbios-ssn
445/tcp  open  microsoft-ds?
902/tcp  open  ssl/vmware-auth VMware Authentication Daemon 1.10 (Uses VNC, SOAP)
912/tcp  open  vmware-auth     VMware Authentication Daemon 1.0 (Uses VNC, SOAP)
6646/tcp open  unknown
Warning: OSScan results may be unreliable because we could not find at least 1 open and 1 closed port
Device type: bridge|general purpose
Running (JUST GUESSING): Oracle Virtualbox (98%), QEMU (92%)
OS CPE: cpe:/o:oracle:virtualbox cpe:/a:qemu:qemu
Aggressive OS guesses: Oracle Virtualbox (98%), QEMU user mode network gateway (92%)
No exact OS matches for host (test conditions non-ideal).
Network Distance: 2 hops
Service Info: OS: Windows; CPE: cpe:/o:microsoft:windows

Host script results:
| smb2-time:
|   date: 2023-05-04T05:01:12
|_  start_date: N/A
| smb2-security-mode:
```

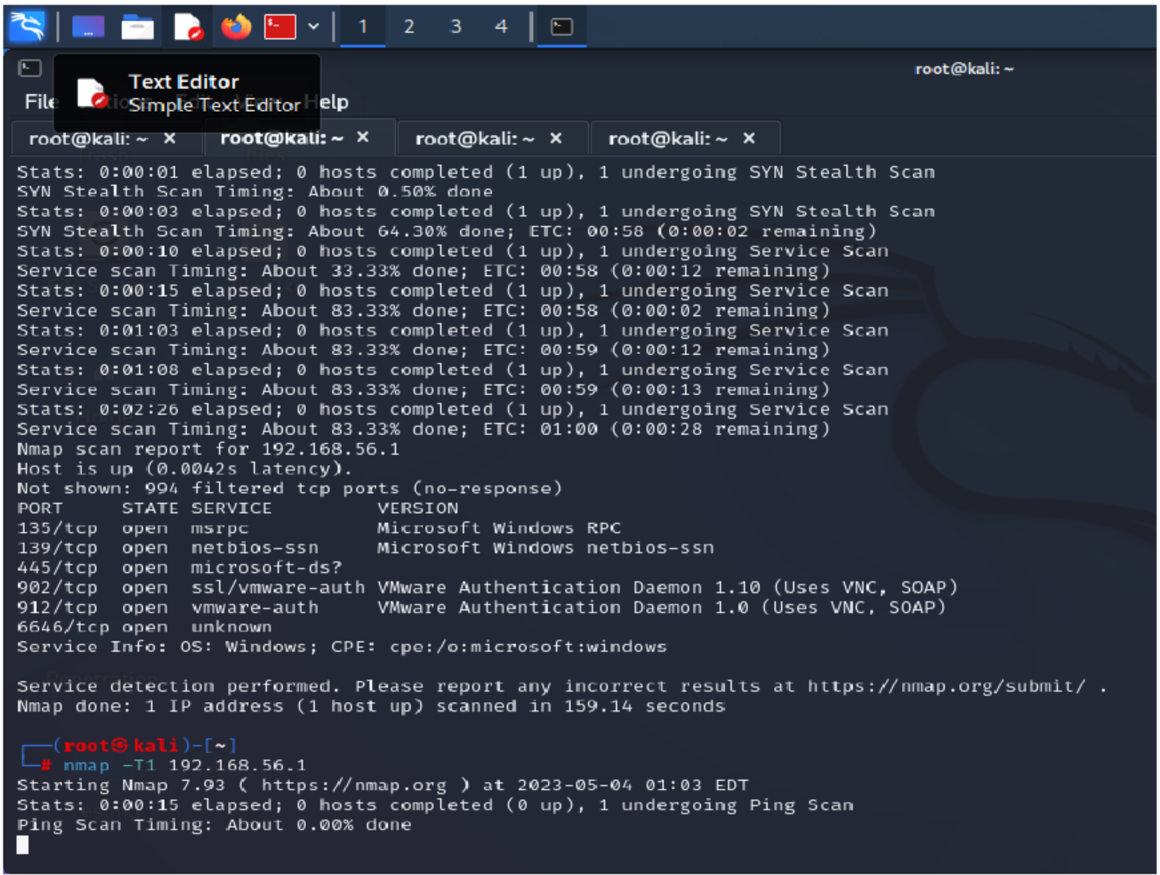


```
┌──(root㉿kali)-[~]
└─# nmap -O 192.168.56.1
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-04 00:59 EDT
Stats: 0:00:02 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
SYN Stealth Scan Timing: About 0.65% done
Stats: 0:00:04 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
SYN Stealth Scan Timing: About 51.65% done; ETC: 00:59 (0:00:04 remaining)
Stats: 0:00:05 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
SYN Stealth Scan Timing: About 98.55% done; ETC: 00:59 (0:00:00 remaining)
Nmap scan report for 192.168.56.1
Host is up (0.0029s latency).
Not shown: 994 filtered tcp ports (no-response)
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
6646/tcp open  unknown
Warning: OSScan results may be unreliable because we could not find at least 1 open and 1 closed port
Device type: bridge|general purpose
Running (JUST GUESSING): Oracle Virtualbox (97%), QEMU (93%)
OS CPE: cpe:/o:oracle:virtualbox cpe:/a:qemu:qemu
Aggressive OS guesses: Oracle Virtualbox (97%), QEMU user mode network gateway (93%)
No exact OS matches for host (test conditions non-ideal).

OS detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 9.55 seconds

┌──(root㉿kali)-[~]
└─#

┌──(root㉿kali)-[~]
└─# nmap -T0 192.168.56.1
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-04 01:00 EDT
```

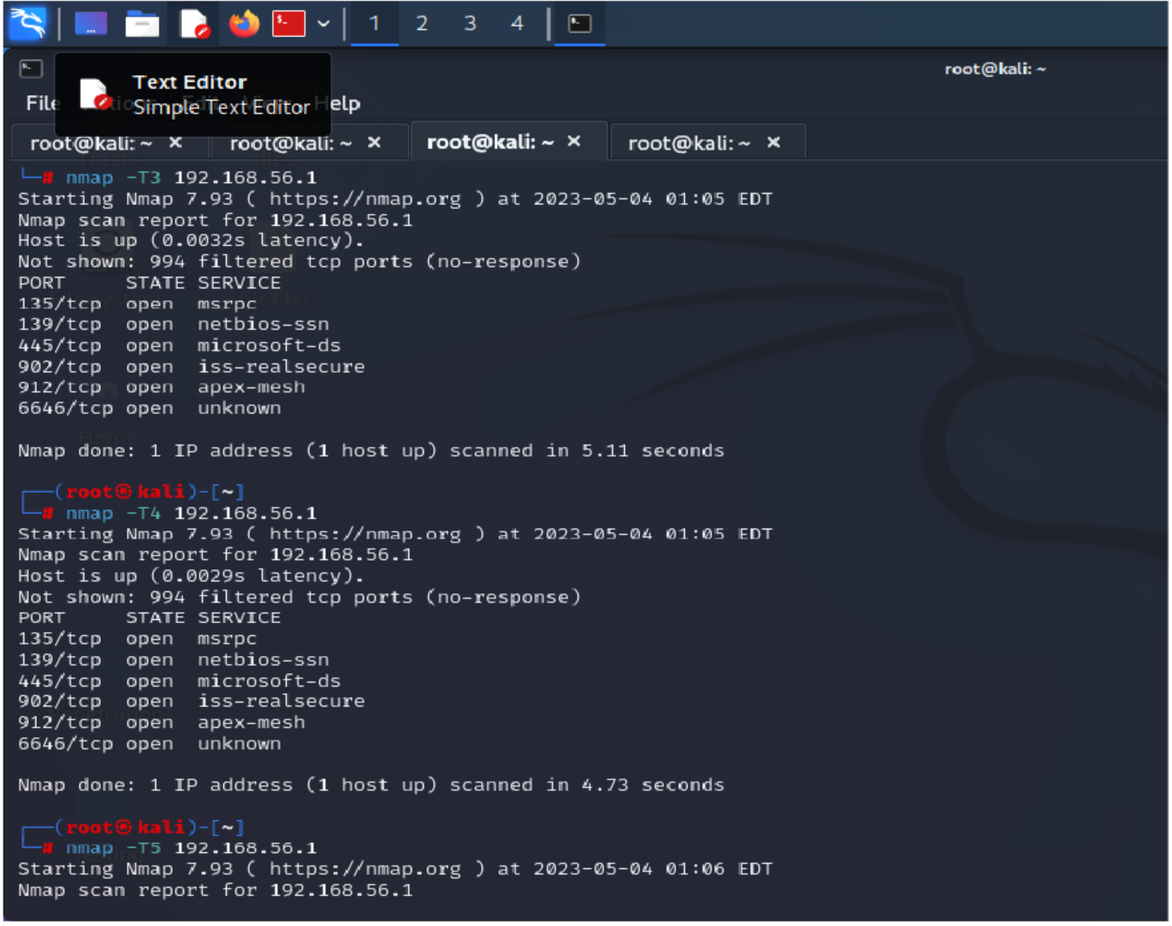
TIMING AND PERFORMANCE



```
Stats: 0:00:04 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
SYN Stealth Scan Timing: About 51.65% done; ETC: 00:59 (0:00:04 remaining)
Stats: 0:00:05 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
SYN Stealth Scan Timing: About 98.55% done; ETC: 00:59 (0:00:00 remaining)
Nmap scan report for 192.168.56.1
Host is up (0.0029s latency).
Not shown: 994 filtered tcp ports (no-response)
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
6646/tcp open  unknown
Warning: OSScan results may be unreliable because we could not find at least 1 open and 1 closed port
Device type: bridge|general purpose
Running (JUST GUESSING): Oracle Virtualbox (97%), QEMU (93%)
OS CPE: cpe:/o:oracle:virtualbox cpe:/a:qemu:qemu
Aggressive OS guesses: Oracle Virtualbox (97%), QEMU user mode network gateway (93%)
No exact OS matches for host (test conditions non-ideal).

OS detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 9.55 seconds

┌──(root㉿kali)-[~]
└─#

┌──(root㉿kali)-[~]
└─# nmap -T0 192.168.56.1
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-04 01:00 EDT
Stats: 0:05:00 elapsed; 0 hosts completed (0 up), 1 undergoing Ping Scan
Ping Scan Timing: About 0.00% done
Stats: 0:10:00 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
SYN Stealth Scan Timing: About 0.00% done
█
```



```
Stats: 0:00:01 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
SYN Stealth Scan Timing: About 0.50% done
Stats: 0:00:03 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
SYN Stealth Scan Timing: About 64.30% done; ETC: 00:58 (0:00:02 remaining)
Stats: 0:00:10 elapsed; 0 hosts completed (1 up), 1 undergoing Service Scan
Service scan Timing: About 33.33% done; ETC: 00:58 (0:00:12 remaining)
Stats: 0:00:15 elapsed; 0 hosts completed (1 up), 1 undergoing Service Scan
Service scan Timing: About 83.33% done; ETC: 00:58 (0:00:02 remaining)
Stats: 0:01:03 elapsed; 0 hosts completed (1 up), 1 undergoing Service Scan
Service scan Timing: About 83.33% done; ETC: 00:59 (0:00:12 remaining)
Stats: 0:01:08 elapsed; 0 hosts completed (1 up), 1 undergoing Service Scan
Service scan Timing: About 83.33% done; ETC: 00:59 (0:00:13 remaining)
Stats: 0:02:26 elapsed; 0 hosts completed (1 up), 1 undergoing Service Scan
Service scan Timing: About 83.33% done; ETC: 01:00 (0:00:28 remaining)
Nmap scan report for 192.168.56.1
Host is up (0.0042s latency).
Not shown: 994 filtered tcp ports (no-response)
PORT     STATE SERVICE          VERSION
135/tcp  open  msrpc            Microsoft Windows RPC
139/tcp  open  netbios-ssn      Microsoft Windows netbios-ssn
445/tcp  open  microsoft-ds?
902/tcp  open  ssl/vmware-auth  VMware Authentication Daemon 1.10 (Uses VNC, SOAP)
912/tcp  open  vmware-auth      VMware Authentication Daemon 1.0 (Uses VNC, SOAP)
6646/tcp open  unknown
Service Info: OS: Windows; CPE: cpe:/o:microsoft:windows

Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 159.14 seconds

┌──(root㉿kali)-[~]
└─# nmap -T1 192.168.56.1
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-04 01:03 EDT
Stats: 0:00:15 elapsed; 0 hosts completed (0 up), 1 undergoing Ping Scan
Ping Scan Timing: About 0.00% done
█
```



```
└─# nmap -T3 192.168.56.1
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-04 01:05 EDT
Nmap scan report for 192.168.56.1
Host is up (0.0032s latency).
Not shown: 994 filtered tcp ports (no-response)
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
6646/tcp open  unknown

Nmap done: 1 IP address (1 host up) scanned in 5.11 seconds

┌──(root㉿kali)-[~]
└─# nmap -T4 192.168.56.1
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-04 01:05 EDT
Nmap scan report for 192.168.56.1
Host is up (0.0029s latency).
Not shown: 994 filtered tcp ports (no-response)
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
6646/tcp open  unknown

Nmap done: 1 IP address (1 host up) scanned in 4.73 seconds

┌──(root㉿kali)-[~]
└─# nmap -T5 192.168.56.1
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-04 01:06 EDT
Nmap scan report for 192.168.56.1
```