

```
(kali@kali)-[~]  
$ sudo nmap -sS 192.168.1.1  
[sudo] password for kali:  
Sorry, try again.  
[sudo] password for kali:  
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-10 00:49 EDT  
Nmap scan report for 192.168.1.1  
Host is up (0.017s latency).  
All 1000 scanned ports on 192.168.1.1 are in ignored states.  
Not shown: 1000 filtered tcp ports (no-response)  
  
Nmap done: 1 IP address (1 host up) scanned in 5.79 seconds
```

```
(kali@kali)-[~]  
$ sudo nmap -sT 192.168.1.1  
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-10 00:53 EDT  
Nmap scan report for 192.168.1.1  
Host is up (0.0011s latency).  
All 1000 scanned ports on 192.168.1.1 are in ignored states.  
Not shown: 1000 filtered tcp ports (no-response)  
  
Nmap done: 1 IP address (1 host up) scanned in 24.17 seconds
```

```
(kali@kali)-[~]  
$ sudo nmap sU 192.168.1.1  
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-10 00:55 EDT  
Failed to resolve "sU".  
Nmap scan report for 192.168.1.1  
Host is up (0.0022s latency).  
All 1000 scanned ports on 192.168.1.1 are in ignored states.  
Not shown: 1000 filtered tcp ports (no-response)  
  
Nmap done: 1 IP address (1 host up) scanned in 16.99 seconds
```



```
(kali㉿kali)-[~]  
$ sudo nmap sU 192.168.1.1  
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-10 00:55 EDT  
Failed to resolve "sU".  
Nmap scan report for 192.168.1.1  
Host is up (0.0022s latency).  
All 1000 scanned ports on 192.168.1.1 are in ignored states.  
Not shown: 1000 filtered tcp ports (no-response)
```

Nmap done: 1 IP address (1 host up) scanned in 16.99 seconds

```
(kali㉿kali)-[~]  
$ sudo nmap -sA 192.168.1.1  
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-10 00:56 EDT  
Nmap scan report for 192.168.1.1  
Host is up (0.00018s latency).  
All 1000 scanned ports on 192.168.1.1 are in ignored states.  
Not shown: 1000 unfiltered tcp ports (reset)
```

Nmap done: 1 IP address (1 host up) scanned in 3.17 seconds

```
(kali㉿kali)-[~]  
$ sudo nmap -Pn 192.168.1.1  
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-10 00:57 EDT  
Stats: 0:01:55 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan  
SYN Stealth Scan Timing: About 56.50% done; ETC: 01:00 (0:01:29 remaining)  
Stats: 0:02:23 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan  
SYN Stealth Scan Timing: About 70.00% done; ETC: 01:00 (0:01:01 remaining)  
Nmap scan report for 192.168.1.1  
Host is up.  
All 1000 scanned ports on 192.168.1.1 are in ignored states.  
Not shown: 1000 filtered tcp ports (no-response)
```

Nmap done: 1 IP address (1 host up) scanned in 204.40 seconds

```
(kali㉿kali)-[~]  
$ sudo nmap -sn 192.168.1.1  
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-10 01:01 EDT  
Nmap scan report for 192.168.1.1  
Host is up (0.00083s latency).  
Nmap done: 1 IP address (1 host up) scanned in 7.04 seconds
```

```
(kali㉿kali)-[~]  
$ sudo nmap -PR 192.168.1.1  
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-10 01:02 EDT  
Nmap scan report for 192.168.1.1  
Host is up (0.0030s latency).  
All 1000 scanned ports on 192.168.1.1 are in ignored states.  
Not shown: 1000 filtered tcp ports (net-unreach)
```




```
(kali㉿kali)-[~]  
$ sudo nmap -n 192.168.1.1  
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-10 01:02 EDT  
Nmap scan report for 192.168.1.1  
Host is up (0.0025s latency).  
All 1000 scanned ports on 192.168.1.1 are in ignored states.  
Not shown: 1000 filtered tcp ports (net-unreach)
```

Nmap done: 1 IP address (1 host up) scanned in 0.29 seconds

```
(kali㉿kali)-[~]  
$ sudo nmap -p 192.168.1.1  
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-10 01:03 EDT  
Error #487: Your port specifications are illegal. Example of proper form: "-100,200-1024,T:3000-4000,U:60000-"  
QUITTING!
```

```
(kali㉿kali)-[~]  
$ sudo nmap -p 1-30 192.168.1.1  
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-10 01:03 EDT  
Nmap scan report for 192.168.1.1  
Host is up (0.0074s latency).  
All 30 scanned ports on 192.168.1.1 are in ignored states.  
Not shown: 30 filtered tcp ports (net-unreach)
```

Nmap done: 1 IP address (1 host up) scanned in 13.33 seconds

```
(kali㉿kali)-[~]  
$ sudo nmap -p- 192.168.1.1  
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-10 01:04 EDT  
Nmap scan report for 192.168.1.1  
Host is up (0.0036s latency).  
All 65535 scanned ports on 192.168.1.1 are in ignored states.  
Not shown: 65535 filtered tcp ports (net-unreach)
```

Nmap done: 1 IP address (1 host up) scanned in 18.71 seconds

```
(kali㉿kali)-[~]  
$ nmap -O 192.168.1.1  
TCP/IP fingerprinting (for OS scan) requires root privileges.  
QUITTING!
```

```
(kali㉿kali)-[~]  
$ sudo nmap -O 192.168.1.1  
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-10 01:06 EDT  
Nmap scan report for 192.168.1.1  
Host is up (0.0046s latency).  
All 1000 scanned ports on 192.168.1.1 are in ignored states.  
Not shown: 1000 filtered tcp ports (net-unreach)  
Too many fingerprints match this host to give specific OS details
```

