

.Find your local IP range

Command ipconfig

```
Link-local IPv6 Address . . . . . : fe80::d251:2cd4:642:9799%10
IPv4 Address. . . . . : 192.168.1.39
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : fe80::5647:e8ff:fe4d:4f77%10
```









Run: nmap -sS 192.168.1.0/24 to perform TCP SYN scan.







Target: 192.168.1.0/24 Profile:

Command: nmap -sS 192.168.1.0/24

Hosts	Services	Nmap Output	Ports / Hosts	Topology	Host Details	Scans																											
OS	Host	nmap -sS 192.168.1.0/24																															
	192.168.1.1	Starting Nmap 7.97 (https://nmap.org) at 2025-08-04 21:42 +0530 Nmap scan report for 192.168.1.1 Host is up (0.0043s latency). Not shown: 992 closed tcp ports (reset) <table border="1"><thead><tr><th>PORT</th><th>STATE</th><th>SERVICE</th></tr></thead><tbody><tr><td>21/tcp</td><td>open</td><td>ftp</td></tr><tr><td>22/tcp</td><td>open</td><td>ssh</td></tr><tr><td>23/tcp</td><td>filtered</td><td>telnet</td></tr><tr><td>53/tcp</td><td>open</td><td>domain</td></tr><tr><td>80/tcp</td><td>open</td><td>http</td></tr><tr><td>139/tcp</td><td>filtered</td><td>netbios-ssn</td></tr><tr><td>443/tcp</td><td>open</td><td>https</td></tr><tr><td>445/tcp</td><td>filtered</td><td>microsoft-ds</td></tr></tbody></table> MAC Address: 54:47:E8:4D:4F:77 (Syrotech Networks.)					PORT	STATE	SERVICE	21/tcp	open	ftp	22/tcp	open	ssh	23/tcp	filtered	telnet	53/tcp	open	domain	80/tcp	open	http	139/tcp	filtered	netbios-ssn	443/tcp	open	https	445/tcp	filtered	microsoft-ds
PORT	STATE	SERVICE																															
21/tcp	open	ftp																															
22/tcp	open	ssh																															
23/tcp	filtered	telnet																															
53/tcp	open	domain																															
80/tcp	open	http																															
139/tcp	filtered	netbios-ssn																															
443/tcp	open	https																															
445/tcp	filtered	microsoft-ds																															
	192.168.1.33	Nmap scan report for 192.168.1.33 Host is up (0.018s latency). All 1000 scanned ports on 192.168.1.33 are in ignored states. Not shown: 1000 closed tcp ports (reset) MAC Address: 1A:08:D5:0D:0A:C5 (Unknown)																															
	192.168.1.35	Nmap scan report for 192.168.1.35 Host is up (0.027s latency). All 1000 scanned ports on 192.168.1.35 are in ignored states. Not shown: 1000 closed tcp ports (reset) MAC Address: 8A:6E:76:6B:3C:99 (Unknown)																															
	192.168.1.36	Nmap scan report for 192.168.1.36 Host is up (0.021s latency). All 1000 scanned ports on 192.168.1.36 are in ignored states. Not shown: 1000 closed tcp ports (reset) MAC Address: 56:01:A4:C8:27:71 (Unknown)																															
	192.168.1.37	Nmap scan report for 192.168.1.37 Host is up (0.0074s latency). Not shown: 999 closed tcp ports (reset) <table border="1"><thead><tr><th>PORT</th><th>STATE</th><th>SERVICE</th></tr></thead><tbody><tr><td>5060/tcp</td><td>filtered</td><td>sip</td></tr></tbody></table> MAC Address: 12:08:A7:44:F6:F3 (Unknown)					PORT	STATE	SERVICE	5060/tcp	filtered	sip																					
PORT	STATE	SERVICE																															
5060/tcp	filtered	sip																															
	192.168.1.39	Nmap scan report for 192.168.1.39 Host is up (0.00076s latency). Not shown: 996 closed tcp ports (reset)																															

Note down IP addresses and open ports found.

Nmap Output		Ports / Hosts		Topology	Host Details	Sc
	Port	Protocol	State	Service	Version	
	21	tcp	open	ftp		
	22	tcp	open	ssh		
	23	tcp	filtered	telnet		
	53	tcp	open	domain		
	80	tcp	open	http		
	139	tcp	filtered	netbios-ssn		
	443	tcp	open	https		
	445	tcp	filtered	microsoft-ds		

Hosts		Services
OS	Host	
	192.168.1.1	
	192.168.1.33	
	192.168.1.35	
	192.168.1.36	
	192.168.1.37	
	192.168.1.39	