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root@kali: ~  
File Actions Edit View Help  
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nmap -h  
Nmap 7.94SVN ( 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  
  -iI <inputfilenames>: 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/PY/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,I:137,T:21-25,M:139,S:9  
  --exclude-ports <port ranges>: Exclude the specified ports from scanning  
  -F: Fast mode - Scan fewer ports than the default scan  
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  --top-ports <number>: Scan <number> most common ports  
  --port-ratio <ratio>: Scan ports more common than <ratio>  
SERVICE/VERSION DETECTION:  
  -sV: Probe open ports to determine service/version info  
  --version-intensity <level>: Set from 0 (light) to 9 (try all probes)  
  --version-light: Limit to most likely probes (intensity 2)  
  --version-all: Try every single probe (intensity 9)  
  --version-trace: Show detailed version scan activity (for debugging)  
SCRIPT SCAN:  
  -sC: equivalent to --script=default  
  --script=<Lua scripts>: <Lua scripts> is a comma separated list of
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Screenshot taken

View image

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Nmap done: 1 IP address (1 host up) scanned in 60.10 seconds

(root@kali)~#
$ nmap 192.168.119.247
Starting Nmap 7.94SVN ( https://nmap.org ) at 2024-09-26 07:42 EDT
Stats: 0:00:00 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
SYN Stealth Scan Timing: About 51.00% done; ETC: 07:42 (0:00:07 remaining)
Stats: 0:00:00 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
SYN Stealth Scan Timing: About 51.75% done; ETC: 07:42 (0:00:07 remaining)
Stats: 0:00:07 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
SYN Stealth Scan Timing: About 52.20% done; ETC: 07:42 (0:00:07 remaining)
Stats: 0:00:08 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
SYN Stealth Scan Timing: About 52.40% done; ETC: 07:42 (0:00:07 remaining)
Stats: 0:00:08 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
SYN Stealth Scan Timing: About 52.50% done; ETC: 07:42 (0:00:08 remaining)
Stats: 0:00:08 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
SYN Stealth Scan Timing: About 52.60% done; ETC: 07:42 (0:00:08 remaining)
Stats: 0:00:08 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
SYN Stealth Scan Timing: About 52.65% done; ETC: 07:42 (0:00:08 remaining)
Stats: 0:00:11 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
SYN Stealth Scan Timing: About 54.65% done; ETC: 07:42 (0:00:12 remaining)
Stats: 0:00:11 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
SYN Stealth Scan Timing: About 54.70% done; ETC: 07:42 (0:00:12 remaining)
Stats: 0:00:14 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
SYN Stealth Scan Timing: About 54.80% done; ETC: 07:42 (0:00:12 remaining)
Stats: 0:00:14 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
SYN Stealth Scan Timing: About 54.85% done; ETC: 07:42 (0:00:12 remaining)
Stats: 0:00:15 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan
SYN Stealth Scan Timing: About 55.50% done; ETC: 07:43 (0:00:13 remaining)
^C

(root@kali)~#
$ nmap 192.168.119.247 -p21,22,80,23
Starting Nmap 7.94SVN ( https://nmap.org ) at 2024-09-26 07:43 EDT
Nmap scan report for 192.168.119.247
Host is up (0.0014s latency).

PORT      STATE      SERVICE
21/tcp    filtered  ftp
22/tcp    filtered  ssh
23/tcp    filtered  telnet
80/tcp    filtered  http

Nmap done: 1 IP address (1 host up) scanned in 1.65 seconds

(root@kali)~#
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root@kali: ~  
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(root@kali) ~  
# nmap -su -p 53,67,123 192.168.7.247  
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  -b <FTP relay host>: FTP bounce scan  
PORT SPECIFICATION AND SCAN ORDER:  
  -p <port ranges>: Only scan specified ports  
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