Student

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ID: S35

Introduction

4PenTest_Final.sh

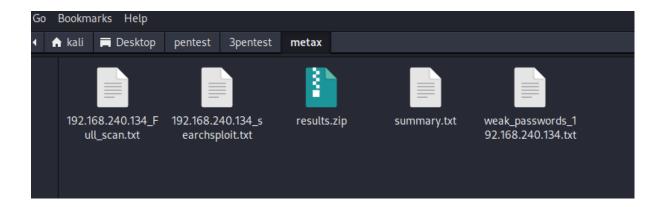
Script come with 2 others default file for user list and default password list.

<u>userlist.txt</u>

def_pass.txt

Sample Output File

File(s) by amount of found IP and auto zip the result. The password is auto attack, if found the weak password it will logged into another file for weak password with the machine IP.



Menu

Friendly GUI for user to input.

Basic Scan

IP Range Scan, Port range is the amount of number the most common Port.

```
Student ID: S35
Name: TONG Panhavisal
Welcome to the Advanced Network Pentest Tool
  Enter the number corresponding to your choice
  Press Enter to confirm your selection
  Follow on-screen instructions for each option
Local IP: 192.168.240.133, Gateway: 192.168.240.2, Broadcast: 192.168.240.255
     — Welcome to Advanced Network Scanner ——
1. Start a New IP Scan
2. Search Existing Results
Exit
     = Scan Mode Selection ====
1. Basic Scan
2. Full Scan
3. Exit
Enter your choice:
Enter the network range or IP (e.g., 192.168.1.0/24 or 192.168.1.1):
192.168.240.0/24
Enter the name for the output directory: ResultX
Do you want to use a custom password list? (yes/no, default: no)
Using default password list.
Enter the number of top ports to scan (default is 100, press Enter to use default):
Using top 100 ports for scanning.
Scanning network range: 192.168.240.0/24
IPs detected as 'Up': 192.168.240.1 192.168.240.2 192.168.240.134 192.168.240.254 192.168.240.133
Checking reachability for IP: 192.168.240.1
IP 192.168.240.1 is reachable. Starting Basic scan...
```

```
Enter the network range or IP (e.g., 192.168.1.0/24 or 192.168.1.1):
192.168.240.0/24
Enter the name for the output directory:
ResultX
Do you want to use a custom password list? (yes/no, default: no)

Using default password list.
Enter the number of top ports to scan (default is 100, press Enter to use default):

Using top 100 ports for scanning.
Scanning network range: 192.168.240.0/24
IPs detected as 'Up': 192.168.240.1 192.168.240.2 192.168.240.134 192.168.240.254 192.168.240.133
Checking reachability for IP: 192.168.240.1
IP 192.168.240.1 is reachable. Starting Basic scan...
Starting Nmap 7.94SVN ( https://nmap.org ) at 2024-07-25 14:17 EDT
NSE: Loaded 46 scripts for scanning.
Initiating ARP Ping Scan at 14:17
Scanning 192.168.240.1 [1 port]
Completed ARP Ping Scan at 14:17, 0.08s elapsed (1 total hosts)
Initiating Parallel DNS resolution of 1 host. at 14:17, 0.01s elapsed
Initiating UDP Scan at 14:17
Scanning 192.168.240.1 [100 ports]
Discovered open port 137/udp on 192.168.240.1
Increasing send delay for 192.168.240.1 from 0 to 50 due to 11 out of 13 dropped probes since last increase.
Increasing send delay for 192.168.240.1 from 200 to 400 due to 11 out of 11 dropped probes since last increase.
Increasing send delay for 192.168.240.1 from 200 to 400 due to 11 out of 11 dropped probes since last increase.
Increasing send delay for 192.168.240.1 from 200 to 400 due to 11 out of 11 dropped probes since last increase.
Increasing send delay for 192.168.240.1 from 200 to 400 due to 11 out of 11 dropped probes since last increase.
Increasing send delay for 192.168.240.1 from 200 to 400 due to 11 out of 11 dropped probes since last increase.
Increasing send delay for 192.168.240.1 from 200 to 400 due to 11 out of 11 dropped probes since last increase.
Increasing send delay for 192.168.240.1 from 200 to 400 due to 11 out of 11 dropped probes since last increase.
Increasing send delay for 192.168.240.1 from 200 to 400 due to 11 out of 11 dropped probes since last increase.
Increasing send delay for 192.168.240.1 f
```

```
Initiating UDP Scan at 14:17
Scanning 192.168.240.1 [100 ports]
Discovered open port 137/udp on 192.168.240.1
Increasing send delay for 192.168.240.1 from 0 to 50 due to 11 out of 13 dropped probes since last increase.
Increasing send delay for 192.168.240.1 from 50 to 100 due to 11 out of 25 dropped probes since last increase.
Increasing send delay for 192.168.240.1 from 100 to 200 due to 11 out of 11 dropped probes since last increase.
Increasing send delay for 192.168.240.1 from 200 to 400 due to 11 out of 11 dropped probes since last increase.
Completed UDP Scan at 14:18, 79.80s elapsed (100 total ports)
Initiating Service scan at 14:18
Scanning 73 services on 192.168.240.1
Service scan Timing: About 2.70% done; ETC: 15:19 (0:58:48 remaining)
Service scan Timing: About 43.24% done; ETC: 14:26 (0:04:16 remaining)
Service scan Timing: About 43.78% done; ETC: 14:26 (0:06:58 remaining)
Completed Service scan at 14:23, 302.89s elapsed (74 services on 1 host)
NSE: Script scanning 192.168.240.1
Initiating NSE at 14:24
Completed NSE at 14:24, 4.39s elapsed
Initiating NSE at 14:24, 4.06s elapsed
Nmap scan report for 192.168.240.1
Host is up (0.00054s latency).
Not shown: 73 open|filtered udp ports (no-response)
PORT STATE SERVICE VERSION
7/udp closed echo
19/udp closed chargen
                            closed echo
   7/udp
   19/udp
                             closed chargen
  120/udp
                           closed cfdptkt
  137/udp
161/udp
                           open netbios-ns
closed snmp
                                                                                         Microsoft Windows netbios-ns (workgroup: WORKGROUP)
   162/udp
                            closed snmptrap
  445/udp
  1023/udp closed unknown
  1433/udp closed ms-sql-s
                           closed ms-sql-m
   1434/udp
   1645/udp closed radius
  1701/udp
   1719/udp closed h323gatestat
  1813/udp closed radacct
2000/udp closed cisco-sccp
   2048/udp closed dls-monitor
  2223/udp closed rockwell-csp2
  4444/udp closed krb524
  5000/udp closed upnp
5632/udp closed pcanywherestat
   32771/udp closed sometimes-rpc6
  49156/udp closed unknown
  49181/udp closed unknown
  49186/udp closed unknown
49190/udp closed unknown
   49194/udp closed unknown
  49201/udp closed unknown
```

```
1705/udp closed L37P
1715/udp closed H32Spatestat
1813/udp closed datact
1808/udp closed datact
2808/udp closed disco-sccp
20468/udp closed disco-sccp
20468/udp closed forcewell-csp2
4444/udp closed volumentary
2223/udp closed volumentary
5632/udp closed upnp
5632/udp closed sometimes-rpc6
49158/udp closed sometimes-rpc6
49158/udp closed sometimes-rpc6
49158/udp closed unknown
49188/udp closed unknown
4920/udp closed unknown
492
```

```
domain
                                                                                                                                    ISC BIND 9.4.2
                                  open|filtered dhcps
open|filtered dhcpc
open|filtered tftp
open|filtered http
open|filtered kerberos-sec
   67/udp
   68/udp
   69/udp
   80/udp
   88/udp
   111/udp
                                                                                                                                    2 (RPC #100000)
   137/udp
138/udp
                                                                                                                                   Microsoft Windows netbios-ns (workgroup: WORKGROUP)
                                  open
                                                                               netbios-ns
                                  open|filtered netbios-dgm
                                open|filtered netblos-c
open|filtered snmp
open|filtered snmptrap
open|filtered xdmcp
open|filtered isakmp
open|filtered route
open|filtered applix
   161/udp
   162/udp
177/udp
   500/udp
   520/udp
631/udp
   999/udp
   1022/udp open|filtered exp2
1023/udp open|filtered unknown
1026/udp open|filtered win-rpc
  1026/udp open|filtered win-rpc
1029/udp open|filtered solid-mux
1030/udp open|filtered iad1
1433/udp open|filtered ms-sql-s
1718/udp open|filtered h225gatedisc
1900/udp open|filtered upnp
2048/udp open|filtered dls-monitor
 2048/udp open|filtered dls-monitor
2049/udp open open|filtered dls-monitor
2049/udp open|filtered rockwell-csp2
3456/udp open|filtered IISrpc-or-vat
5000/udp open|filtered upnp
5060/udp open|filtered wap-wsp
10000/udp open|filtered ndmp
20031/udp open|filtered bakbonenetvault
32771/udp open|filtered unknown
49153/udp open|filtered unknown
49153/udp open|filtered unknown
49188/udp open|filtered unknown
49188/udp open|filtered unknown
49193/udp open|filtered unknown
49193/udp open|filtered unknown
49193/udp open|filtered unknown
49193/udp open|filtered unknown
                                                                                                                                   2-4 (RPC #100003)
   49193/udp open|filtered unknown
  H9193/Aug. poentritered uninom
MAC Address: 00:0C:29:47:1D:85 (VMware)
Service Info: Host: METASPLOITABLE; OS: Windows; CPE: cpe:/o:microsoft:windows
Read data files from: /usr/bin/../share/nmap
Service detection performed. Please report any incorrect results at https://nmap.org/submit/.
Nmap done: 1 IP address (1 host up) scanned in 210.47 seconds
Raw packets sent: 592 (37.777KB) | Rcvd: 69 (5.654KB)
Analyzing vulnerabilities for 192.168.240.134 using searchsploit...
Checking reachability for IP: 192.168.240.254
```

```
Vulnerabilities:
Analyzing vulnerabilities...
No CVEs found in Nmap scan results.
Weak Password Check Results:
ssh on port 22 - Port not open, skipping
rdp on port 3389 - Port not open, skipping
ftp on port 21 - Port not open, skipping
telnet on port 23 - Port not open, skipping
mysql on port 3306 - Port not open, skipping
postgresql on port 5432 - Port not open, skipping
mssql on port 1433 - Port not open, skipping
IP: 192.168.240.1
Open ports and services:
   - 137/udp netbios-ns Microsoft Windows netbios-ns
Vulnerabilities:
Analyzing vulnerabilities...
No CVEs found in Nmap scan results.
Weak Password Check Results:
ssh on port 22 - Port not open, skipping
rdp on port 3389 - Port not open, skipping
ftp on port 21 - Port not open, skipping
telnet on port 23 - Port not open, skipping
mysql on port 3306 - Port not open, skipping
postgresql on port 5432 - Port not open, skipping
mssql on port 1433 - Port not open, skipping
=== End of Summary ====
Select an option:
1. Perform another scan
2. Search the results of the current scan
3. Search results from a different directory
4. Exit
```

Search Result

```
Press any key to continue searching or type 'exit' to return to the main menu...
    dp

Fearching for 'udp' in ResultX ...

[csultX/192.168.240.134_Basic_scan.txt:7/dg

[csultX/192.168.240.134_Basic_scan.txt:7/dg

[csultX/192.168.240.134_Basic_scan.txt:7/dg

[csultX/192.168.240.134_Basic_scan.txt:7/dg

[csultX/192.168.240.134_Basic_scan.txt:7/dg

[csultX/192.168.240.134_Basic_scan.txt:7/dg

[csultX/192.168.240.134_Basic_scan.txt:67/dg

[csultX/192.168.240.134_Basic_scan.txt:67/dg

[csultX/192.168.240.134_Basic_scan.txt:67/dg

[csultX/192.168.240.134_Basic_scan.txt:68/dg

[csultX/192.168.240.134_Basic_scan.txt:68/dg

[csultX/192.168.240.134_Basic_scan.txt:68/dg

[csultX/192.168.240.134_Basic_scan.txt:68/dg

[csultX/192.168.240.134_Basic_scan.txt:137/dg

[csultX/192.168.240.134_Basic_scan.txt:137/dg

[csultX/192.168.240.134_Basic_scan.txt:137/dg

[csultX/192.168.240.134_Basic_scan.txt:137/dg

[csultX/192.168.240.134_Basic_scan.txt:167/dg

[csu
 Enter search term (or type 'exit' to return to the main menu):
Searching for 'udp' in ResultX...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ISC BIND 9.4.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2 (RPC #100000)
Microsoft Windows netbios-ns (workgroup: WORKGROUP)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2-4 (RPC #100003)
```

Full Scan

Support both IP and Range Scans. But in this case, I use a direct IP scan for faster results.

```
Student ID: S35
Name: TONG Panhavisal
Welcome to the Advanced Network Pentest Tool
- Enter the number corresponding to your choice
- Press Enter to confirm your selection
- Follow on-screen instructions for each option
Local IP: 192.168.240.133, Gateway: 192.168.240.2, Broadcast: 192.168.240.255
  — Welcome to Advanced Network Scanner —
1. Start a New IP Scan
2. Search Existing Results
3. Exit
Enter your choice:
=== Scan Mode Selection ====
1. Basic Scan
2. Full Scan
3. Exit
Enter your choice:
Enter the network range or IP (e.g., 192.168.1.0/24 or 192.168.1.1):
192.168.240.134
Enter the name for the output directory:
metax
Do you want to use a custom password list? (yes/no, default: no)
Using default password list.
Enter the number of top ports to scan (default is 100, press Enter to use default):
Using top 100 ports for scanning.
Scanning network range: 192.168.240.134
IPs detected as 'Up': 192.168.240.134
Checking reachability for IP: 192.168.240.134
IP 192.168.240.134 is reachable. Starting Full scan...
Starting Nmap 7.94SVN (https://nmap.org) at 2024-07-25 14:31 EDT NSE: Loaded 257 scripts for scanning.
NSE: Script Pre-scanning.
Initiating NSE at 14:31
```

```
2. Search Existing Results
 3. Exit
 Enter your choice:
  === Scan Mode Selection ====
 1. Basic Scan
2. Full Scan
 Enter your choice:
 Enter the network range or IP (e.g., 192.168.1.0/24 or 192.168.1.1):
 192.168.240.134
 Enter the name for the output directory:
 metax
 Do you want to use a custom password list? (yes/no, default: no)
 Using default password list.
Enter the number of top ports to scan (default is 100, press Enter to use default):
Using top 100 ports for scanning.
Scanning network range: 192.168.240.134
IPs detected as 'Up': 192.168.240.134
Checking reachability for IP: 192.168.240.134
IP 192.168.240.134 is reachable. Starting Full scan...
Starting Nmap 7.94SVN ( https://nmap.org ) at 2024-07-25 14:31 EDT
NSE: Loaded 257 scripts for scanning.
NSE: Script Pre-scanning.
Initiating NSE at 14:31
Completed NSE at 14:32, 10.02s elapsed
Initiating NSE at 14:32
Completed NSE at 14:32, 0.00s elapsed
Initiating ARP Ping Scan at 14:32
 Using top 100 ports for scanning.
Completed NSE at 14:32, 0.00s elapsed
Initiating ARP Ping Scan at 14:32
Scanning 192.168.240.134 [1 port]
Completed ARP Ping Scan at 14:32, 0.07s elapsed (1 total hosts)
Initiating Parallel DNS resolution of 1 host. at 14:32
Completed Parallel DNS resolution of 1 host. at 14:32, 0.01s elapsed
Initiating UDP Scan at 14:32
Scanning 192.168.240.134 [100 ports]
Increasing send delay for 192.168.240.134 from 0 to 50 due to max_successful_tryno increase to 5
Discovered open port 2049/udp on 192.168.240.134
Increasing send delay for 192.168.240.134 from 50 to 100 due to max successful tryno increase to
Increasing send delay for 192.168.240.134 from 50 to 100 due to max_successful_tryno increase to 6
Warning: 192.168.240.134 giving up on port because retransmission cap hit (6).
Discovered open port 111/udp on 192.168.240.134
Discovered open port 137/udp on 192.168.240.134
Increasing send delay for 192.168.240.134 from 100 to 200 due to 11 out of 14 dropped probes since last increase.
Increasing send delay for 192.168.240.134 from 200 to 400 due to 11 out of 11 dropped probes since last increase.
```

```
Open detected as 'Up': 192.168.240.134
IP 192.168.240.134 is reachable; Starting Full scam ...
Starting Mmap 7.945VW (https://mmap.org) at 2024-07-25 14:31 EDT
NSE: Loaded 257 scripts for scanning.
NSE: Script Pre-scanning.
NSE: Script Pre-scanning.
NSE: Script Pre-scanning.
Initiating NSE at 14:32
Completed NSE at 16:32, 0.00s elapsed
Completed NSE at 16:32, 0.00s elapsed
Initiating NSE at 14:32
Completed NSE at 16:32, 0.00s elapsed
Initiating NSE at 14:32
Completed NSE at 16:32, 0.00s elapsed
Initiating NSE at 14:32
Completed NSE at 16:32, 0.00s elapsed
Initiating Parallel DMS resolution of 1 host. at 16:32
Completed NSE at 16:32, 0.00s elapsed
Initiating Parallel DMS resolution of 1 host. at 16:32
Completed NSE at 16:32, 0.00s elapsed
Initiating Parallel DMS resolution of 1 host. at 16:32
Completed NSE at 16:32, 0.00s elapsed
Initiating Parallel DMS resolution of 1 host. at 16:32
Completed NSE at 16:32
Initiating Parallel DMS resolution of 1 host. at 16:32
Completed NSE at 16:32
Initiating Parallel DMS resolution of 1 host. at 16:32
Completed NSE at 16:32
Initiating Parallel DMS resolution of 1 host. at 16:32
Completed NSE at 16:32
Initiating Parallel DMS resolution of 1 host. at 16:32
Completed NSE at 16:32
Initiating Parallel DMS resolution of 1 host. at 16:32
Completed USP at 16:32
Initiating Parallel DMS resolution of 1 host. at 16:32
Initiating Parallel DMS resolution of 10:21.08.240.134
Initiating NSE at 14:33
```

```
open|filtered ms-sql-m
 1718/udp open|filtered h225gatedisc
2048/udp open|filtered dls-monitor
                                                               2-4 (RPC #100003)
2049/udp open
3283/udp open|filtered netassistant
3456/udp open|filtered IISrpc-or-vat
 3703/udp open|filtered adobeserver-3
 5000/udp open|filtered upnp
5632/udp open|filtered pcanywherestat
9200/udp open|filtered wap-wsp
17185/udp open|filtered wdbrpc
17185/udp open|filtered wdbrpc
32768/udp open|filtered omad
32769/udp open|filtered filenet-rpc
49152/udp open|filtered unknown
49153/udp open|filtered unknown
49154/udp open|filtered unknown
49191/udp open|filtered unknown
49192/udp open|filtered unknown
49192/udp open|filtered unknown
49200/udp open|filtered unknown
49201/udp open|filtered unknown
MAC Address: 00:0C:29:47:1D:85 (VMware)
Too many fingerprints match this host to give specific OS details
Network Distance: 1 hop
Service Info: Host: METASPLOITABLE; OS: Windows; CPE: cpe:/o:microsoft:windows
   nbstat: NetBIOS name: METASPLOITABLE, NetBIOS user: <unknown>, NetBIOS MAC: <unknown> (unknown)
   Names:
       METASPLOITABLE<00>
                                        Flags: <unique><active>
       METASPLOITABLE<03>
                                        Flags: <unique><active>
       METASPLOITABLE<20>
                                        Flags: <unique><active>
                                        Flags: <group><active>
Flags: <group><active>
       WORKGROUP<00>
     WORKGROUP<1e>
TRACEROUTE
HOP RTT ADDRESS
1 0.57 ms 192.168.240.134
NSE: Script Post-scanning.
Initiating NSE at 14:37
Completed NSE at 14:37, 0.00s elapsed
Initiating NSE at 14:37
Completed NSE at 14:37, 0.00s elapsed
Initiating NSE at 14:37
Completed NSE at 14:37, 0.00s elapsed
Read data files from: /usr/bin/../share/nmap
OS and Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .

Nmap done: 1 IP address (1 host up) scanned in 332.81 seconds
Raw packets sent: 600 (35.979KB) | Rcvd: 81 (7.790KB)

Analyzing vulnerabilities for 192.168.240.134 using searchsploit...
```

Vulnerablilities Mapping

```
Searching for potentially vulnerable services:
Searching for domain ISC ...
 Exploit Title
                                                           | Path
Apple Safari 2.0.4 - Cross-Domain Browser Loc | multiple/remote/30078.jscPanel - (Authenticated) 'lastvisit.html Doma | multiple/remote/9039.txt
Microsoft Internet Explorer 5.0.1 - Cached Co | windows/remote/33024.txt
Microsoft Internet Explorer 7/8 - CSS Handlin | windows/dos/34602.html
Mozilla Firefox 3.6.8 - 'Math.random()' Cross | unix/remote/34621.c
Netscape Navigator 4.0.8 - 'about:' Domain In | unix/remote/20791.php
Research In Motion BlackBerry Device Software | hardware/remote/34802.html
WebKit 1.2.x - Local Webpage Cross Domain Inf | windows/remote/35434.txt
Searching for rpcbind 2...
 Exploit Title
                                                            | Path
          - CALLIT procedure UDP Crash (PoC)
                                                            | linux/dos/26887.rb
          Wietse Venema
Searching for netbios-ns Microsoft...
Searching for nfs 2-4...
 Exploit Title
                                                           | Path
Linux Kernel < 2.6.31-rc4 - '<mark>nfs</mark>4_proc_lock() | linux/dos/10202.c
NfSen < 1.3.7 / AlienVault OSSIM < 5.3.6 - Lo | linux/local/42305.txt
Weak Password Check Results:
ssh on port 22 - Port not open, skipping
rdp on port 3389 - Port not open, skipping
ftp on port 21 - Port not open, skipping
telnet on port 23 - Port not open, skipping
mysql on port 3306 - Port not open, skipping
postgresql on port 5432 - Port not open, skipping
mssql on port 1433 - Port not open, skipping
=== End of Summary ====
Select an option:
1. Perform another scan
2. Search the results of the current scan
3. Search results from a different directory
4. Exit
```

Search Result

```
| Path
  Exploit Title
 Linux Kernel < 2.6.31-rc4 - 'nfs4_proc_lock() | linux/dos/10202.c
Mfsen < 1.3.7 / AlienVault OSSIM < 5.3.6 - Lo | linux/local/42305.txt
 Weak Password Check Results:
 ssh on port 22 - Port not open, skipping
rdp on port 3389 - Port not open, skipping
ftp on port 21 - Port not open, skipping
ftp on port 21 - Port not open, skipping
telnet on port 23 - Port not open, skipping
mysql on port 3306 - Port not open, skipping
postgresql on port 5432 - Port not open, skipping
mssql on port 1433 - Port not open, skipping
 ==== End of Summary ====
 Select an option:
 1. Perform another scan
 3. Search results from a different directory
 4. Exit
 Enter search term (or type 'exit' to return to the main menu):
Searching for 'rpc' in metax...
```