



دانشگاه صنعتی امیرکبیر
(پلی تکنیک تهران)

دانشکده مهندسی کامپیووتر

گزارش تمرین عملی اول

درس مبانی امنیت اطلاعات

هلیا سادات هاشمی پور - ۹۸۳۱۱۰۶

استاد

دکتر شهریاری

آبان ۱۰

بخش اول

ابتدا WSL2 را بر روی سیستم خود نصب کردم تا یک محیط خط فرمانی لینوکسی داشته باشم.

Ping •

در این بخش ابتدا ابزاری نوشته شد که با دریافت آدرس آپی یا دامنه (طبق دستور کار باید با آپی و یا دامنه کار کند) مد نظر کاربر مشخص میکند که آیا پینگ آن آدرس با موفقیت انجام شده است یا خیر (که خروجی به صورت Up و Down به ترتیب در می‌آید) سپس خروجی‌ها را در فایل result_ping.txt ذخیره کردم.

کد -

```
1 import os
2
3 parameter = 2
4
5 hostname = input('Please Enter IP/Domain: ') # example: www.google.com
6 response = os.system("ping -c " + str(parameter) +
7 | | | | " " + hostname) # ping 2 times
8
9 try:
10     with open('result_ping.txt', 'w') as f: # create file
11         if response == 0: # if ping is ok
12             f.write(hostname + ' --> Up\n') # write to file
13         else: # if ping is not ok
14             f.write(hostname + ' --> Down\n') # write to file
15
16 except Exception as e:
17     print("Invalid Hostname")
18     print(e)
19
```

همانطور که مشاهده میکنیم با زدن دامنه www.google.com همگی پکت‌ها دریافت شده‌اند. خروجی این برنامه همانطور که ذکر شد در ذخیره result_ping.txt میشود.

```
(kali㉿kali)-[~/Desktop/Security]
$ sudo python3 ping.py
[sudo] password for kali:
Please Enter IP/Domain: www.google.com
PING www.google.com (172.217.165.4) 56(84) bytes of data.
64 bytes from yyz12s06-in-f4.1e100.net (172.217.165.4): icmp_seq=1 ttl=128 time=225 ms
64 bytes from yyz12s06-in-f4.1e100.net (172.217.165.4): icmp_seq=2 ttl=128 time=220 ms
64 bytes from yyz12s06-in-f4.1e100.net (172.217.165.4): icmp_seq=3 ttl=128 time=224 ms
64 bytes from yyz12s06-in-f4.1e100.net (172.217.165.4): icmp_seq=4 ttl=128 time=222 ms
64 bytes from yyz12s06-in-f4.1e100.net (172.217.165.4): icmp_seq=5 ttl=128 time=201 ms
64 bytes from yyz12s06-in-f4.1e100.net (172.217.165.4): icmp_seq=6 ttl=128 time=215 ms

— www.google.com ping statistics —
6 packets transmitted, 6 received, 0% packet loss, time 5011ms
rtt min/avg/max/mdev = 201.150/217.931/224.818/8.153 ms

(kali㉿kali)-[~/Desktop/Security]
$ cat result_ping.txt
www.google.com → Up
```

```
(kali㉿kali)-[~/Desktop/Security]
$ sudo python3 ping.py
Please Enter IP/Domain: 89.43.3.229
PING 89.43.3.229 (89.43.3.229) 56(84) bytes of data.
64 bytes from 89.43.3.229: icmp_seq=1 ttl=128 time=394 ms
64 bytes from 89.43.3.229: icmp_seq=2 ttl=128 time=401 ms
64 bytes from 89.43.3.229: icmp_seq=3 ttl=128 time=393 ms
64 bytes from 89.43.3.229: icmp_seq=4 ttl=128 time=406 ms
64 bytes from 89.43.3.229: icmp_seq=5 ttl=128 time=399 ms
64 bytes from 89.43.3.229: icmp_seq=6 ttl=128 time=396 ms

— 89.43.3.229 ping statistics —
6 packets transmitted, 6 received, 0% packet loss, time 5015ms
rtt min/avg/max/mdev = 393.087/398.180/406.281/4.508 ms
```

```
(kali㉿kali)-[~/Desktop/Security]
$ sudo python3 ping.py
Please Enter IP/Domain: 89.43.3.170
PING 89.43.3.170 (89.43.3.170) 56(84) bytes of data.
64 bytes from 89.43.3.170: icmp_seq=1 ttl=128 time=415 ms
64 bytes from 89.43.3.170: icmp_seq=2 ttl=128 time=435 ms
64 bytes from 89.43.3.170: icmp_seq=3 ttl=128 time=412 ms
64 bytes from 89.43.3.170: icmp_seq=4 ttl=128 time=433 ms
64 bytes from 89.43.3.170: icmp_seq=5 ttl=128 time=424 ms
64 bytes from 89.43.3.170: icmp_seq=6 ttl=128 time=407 ms

— 89.43.3.170 ping statistics —
6 packets transmitted, 6 received, 0% packet loss, time 5013ms
rtt min/avg/max/mdev = 407.170/421.097/435.370/10.401 ms
```

حال اگر تمامی پکت‌ها loss شود آن آدرس غیرفعال است.

```
(kali㉿kali)-[~/Desktop/Security]
$ sudo python3 ping.py
[sudo] password for kali:
Please Enter IP/Domain: 89.43.3.65
PING 89.43.3.65 (89.43.3.65) 56(84) bytes of data.

EXAMPLE USAGE:
— 89.43.3.65 ping statistics —
6 packets transmitted, 0 received, 100% packet loss, time 5125ms
```

IP scanner •

حال برای اینکه محدوده‌ای از آیپی‌ها اسکن شود کافی است که یک حلقه داشته باشیم و در آن تمامی پینگ‌ها را بگیریم سپس در همان حلقه وضعیت فعال را غیرفعال را مشخص کرده و درنهایت نتیجه را در ترمینال چاپ میکنیم، سپس نتایج را در فایل result_ip_scanner.txt ذخیره میکنیم.

- کد -

```
1 import os
2 import time
3
4 # Start time of the scan
5 start_time = time.time()
6
7 # Enter the network address
8 Domain = input('Enter the Network address: ')
9
10 # Enter the starting network number
11 start_num = int(input('Enter the Starting Number: '))
12
13 # Enter the last network number
14 end_num = int(input('Enter the Last Number: '))
15
16 '''Create a file to save the results'''
17 with open('result_ip_scanner.txt', 'w') as f:
18     # Write scanning in progress in the file
19     f.write('Scanning in Progress\n')
20
21 '''Loop through the network addresses'''
22 for i in range(start_num, (end_num + 1)):
23     '''Split the network address'''
24     Domain_splits = Domain.split('.')
25
26     '''Create the hostname'''
27     hostname = Domain_splits[0] + '.' + Domain_splits[1] + \
28     | '.' + Domain_splits[2] + '.' + str(i)
29     # Ping the host
30     response = os.system('ping -c 2 ' + hostname)
31     '''open the file in append mode'''
32     try:
33         with open('result_ip_scanner.txt', 'a') as f:
34             if response == 0: # If the host is up
35                 '''Write the host is live in the file'''
36                 f.write(hostname + ' --> Live\n')
37
38             else: # If the host is down
39                 '''Write the host is down in the file'''
40                 f.write(hostname + ' --> Down\n')
41     except Exception as e:
42         print(e)
43
44
45 '''Print the time taken to scan the network addresses'''
46 print(f'scanning complete in {round(time.time() - start_time, 3)} seconds')
```

برای اینکه خروجی زیر را داشته باشیم وی پی ان را روشن می کنیم و همانطور که گفتم وضعیت فعلی را غیرفعال را مشخص کرده و نتایج را در فایل result_ip_scanner.txt ذخیره می کنیم.

```
(kali㉿kali)-[~/Desktop/Security]
$ sudo python3 ip-scanner.py
Enter the Network address: 89.43.3.0
Enter the Starting Number: 60
Enter the Last Number: 70
PING 89.43.3.60 (89.43.3.60) 56(84) bytes of data.

— 89.43.3.60 ping statistics —
2 packets transmitted, 0 received, 100% packet loss, time 1026ms

PING 89.43.3.61 (89.43.3.61) 56(84) bytes of data.

— 89.43.3.61 ping statistics —
2 packets transmitted, 0 received, 100% packet loss, time 1025ms

PING 89.43.3.62 (89.43.3.62) 56(84) bytes of data.

— 89.43.3.62 ping statistics —
2 packets transmitted, 0 received, 100% packet loss, time 1019ms

PING 89.43.3.63 (89.43.3.63) 56(84) bytes of data.

— 89.43.3.63 ping statistics —
2 packets transmitted, 0 received, 100% packet loss, time 1029ms

PING 89.43.3.64 (89.43.3.64) 56(84) bytes of data.

— 89.43.3.64 ping statistics —
2 packets transmitted, 0 received, 100% packet loss, time 1032ms

PING 89.43.3.65 (89.43.3.65) 56(84) bytes of data.

— 89.43.3.65 ping statistics —
2 packets transmitted, 0 received, 100% packet loss, time 1031ms

PING 89.43.3.66 (89.43.3.66) 56(84) bytes of data.
64 bytes from 89.43.3.66: icmp_seq=1 ttl=128 time=431 ms
64 bytes from 89.43.3.66: icmp_seq=2 ttl=128 time=432 ms

— 89.43.3.66 ping statistics —
2 packets transmitted, 2 received, 0% packet loss, time 1003ms
rtt min/avg/max/mdev = 430.549/431.168/431.788/0.619 ms
PING 89.43.3.67 (89.43.3.67) 56(84) bytes of data.

— 89.43.3.67 ping statistics —
2 packets transmitted, 0 received, 100% packet loss, time 1018ms

PING 89.43.3.68 (89.43.3.68) 56(84) bytes of data.
64 bytes from 89.43.3.68: icmp_seq=1 ttl=128 time=459 ms
64 bytes from 89.43.3.68: icmp_seq=2 ttl=128 time=422 ms

— 89.43.3.68 ping statistics —
2 packets transmitted, 2 received, 0% packet loss, time 1002ms
rtt min/avg/max/mdev = 421.955/440.565/459.176/18.610 ms
PING 89.43.3.69 (89.43.3.69) 56(84) bytes of data.
64 bytes from 89.43.3.69: icmp_seq=1 ttl=128 time=415 ms
64 bytes from 89.43.3.69: icmp_seq=2 ttl=128 time=414 ms

— 89.43.3.69 ping statistics —
2 packets transmitted, 2 received, 0% packet loss, time 1003ms
rtt min/avg/max/mdev = 413.986/414.471/414.956/0.485 ms
PING 89.43.3.70 (89.43.3.70) 56(84) bytes of data.
64 bytes from 89.43.3.70: icmp_seq=1 ttl=128 time=411 ms
64 bytes from 89.43.3.70: icmp_seq=2 ttl=128 time=444 ms

— 89.43.3.70 ping statistics —
2 packets transmitted, 2 received, 0% packet loss, time 1001ms
rtt min/avg/max/mdev = 411.007/427.747/444.488/16.740 ms
scanning complete in 95.965 seconds
```

```
(kali㉿kali)-[~/Desktop/Security]
$ cat result_ip_scanner.txt
Scanning in Progress
89.43.3.60 Down
89.43.3.61 Down
89.43.3.62 Down
89.43.3.63 Down
89.43.3.64 Down
89.43.3.65 Down
89.43.3.66 → Live
89.43.3.67 Down
89.43.3.68 → Live
89.43.3.69 → Live
89.43.3.70 → Live
```

Port scanner •

ابدا بازه پورت ها را دریافت کرده سپس آبی مربوطه را دریافت میکنیم، سپس روی بازه دریافتی با استفاده از سوکت یک کانکشن به پورت ها زده تا بینیم باز است یا خیر و آخر هم نتیجه را چاپ میکنیم همچنین نتایج را در فایل ذخیره کرد.

کد -

```
1  from socket import *
2  import time
3
4  # Start time of the scan
5  start_time = time.time()
6
7  # Enter the IP address of the remote_host
8  remote_host = input('Enter the remote host IP scan: ')
9
10 # Get the IP address of the remote_host
11 rh_IP = gethostbyname(remote_host)
12
13 # Enter the start port number
14 start_num = int(input('Enter the start port number: '))
15
16 # Enter the last port number
17 end_num = int(input('Enter the last port number: '))
18 print('*****')
19
20 '''Print the IP address of the remote_host'''
21 print('Scanner is working on : ', rh_IP)
22
23 print('*****')
24
25 '''Loop through the ports'''
26 for i in range(start_num, (end_num + 1)):
27     '''Create a socket object'''
28     s = socket(AF_INET, SOCK_STREAM)
29     '''Check if the port is open'''
30     res = s.connect_ex((rh_IP, i))
31     # try:
32     with open('result_port_scanner.txt', 'a') as f:
33         if(res == 0): # If the port is open
34             # Print the open port
35             print('Port Open:--> %d' % (i,))
36             f.write('Port Open:--> %d\n' % (i,))
37
38     # except Exception as e:
39     #     print(e)
40
41     # Close the socket
42     s.close()
43
44 # Print the time taken to scan the ports
45 print(f'scanning complete in {round(time.time() - start_time, 3)} seconds')
```

خروجی -

```
└$ sudo python3 port_scanner.py
Enter the remote host IP scan: 89.43.3.170
Enter the start port number: 1
Enter the last port number: 82
*****
Scanner is working on : 89.43.3.170
*****
Port Open:→ 1
Port Open:→ 2
Port Open:→ 3 in 50.612 seconds
Port Open:→ 4
Port Open:→ 5 Desktop/Security
Port Open:→ 6
Port Open:→ 7
Port Open:→ 8
Port Open:→ 9
Port Open:→ 10
Port Open:→ 11
Port Open:→ 12
Port Open:→ 13
Port Open:→ 14
Port Open:→ 15
Port Open:→ 16
Port Open:→ 17
Port Open:→ 18
Port Open:→ 19
Port Open:→ 20
Port Open:→ 21
Port Open:→ 22
Port Open:→ 23
Port Open:→ 24
Port Open:→ 25
```

بخش دوم

برای بررسی صحت خروجی ابزار در بخش اول از ابزارهای hping3, netdiscover, nmap استفاده میکنیم.

Nmap

```
(kali㉿kali)-[~/Desktop/Security] 3.170
$ nmap -sn 89.43.3.60-70
Starting Nmap 7.92 ( https://nmap.org ) at 2022-11-03 09:21 EDT
Nmap scan report for mx1.payaco-mnp.ir (89.43.3.60)
Host is up (0.0011s latency).
Nmap scan report for 61.mobinnet.net (89.43.3.61)
Host is up (0.0044s latency).
Nmap scan report for 62.mobinnet.net (89.43.3.62)
Host is up (0.0042s latency).
Nmap scan report for 63.mobinnet.net (89.43.3.63)
Host is up (0.0041s latency).
Nmap scan report for 64.mobinnet.net (89.43.3.64)
Host is up (0.0040s latency).
Nmap scan report for 65.mobinnet.net (89.43.3.65)
Host is up (0.0039s latency).
Nmap scan report for 66.mobinnet.net (89.43.3.66)
Host is up (0.0035s latency).
Nmap scan report for 67.mobinnet.net (89.43.3.67)
Host is up (0.0021s latency).
Nmap scan report for 68.mobinnet.net (89.43.3.68)
Host is up (0.0021s latency).
Nmap scan report for 69.mobinnet.net (89.43.3.69)
Host is up (0.0020s latency).
Nmap scan report for 70.mobinnet.net (89.43.3.70)
Host is up (0.0047s latency).
Nmap done: 11 IP addresses (11 hosts up) scanned in 2.04 seconds
```

همانطور که میبینیم، تمامی IP‌های بررسی شده در بخش قبل را up اسکن کرد.

• گزارش TCP full scan

در این بخش پورت‌های TCP را بررسی کردم. در بخش اول هم پورت‌ها اسکن شده بودند بنابراین، نتایج را میتوان با هم مقایسه نمود.

```
(kali㉿kali)-[~/Desktop/Security]
$ sudo nmap -sT 89.43.3.229
Starting Nmap 7.92 ( https://nmap.org ) at 2022-11-03 09:42 EDT
Nmap scan report for 229.mobinnet.net (89.43.3.229)
Host is up (0.018s latency).

PORT      STATE    SERVICE
1/tcp      open     tcpmux
3/tcp      open     compressnet
4/tcp      open     unknown
6/tcp      open     unknown
7/tcp      open     echo
9/tcp      open     discard
13/tcp     open     daytime
17/tcp     open     qotd
19/tcp     open     chargen
20/tcp     open     ftp-data
21/tcp     open     ftp
22/tcp     open     ssh
23/tcp     open     telnet
24/tcp     open     priv-mail
25/tcp     filtered smtp
26/tcp     open     rsftp
30/tcp     open     unknown
32/tcp     open     unknown
33/tcp     open     dsp
37/tcp     open     time
```

```
(kali㉿kali)-[~/Desktop/Security]
$ sudo nmap -sT 89.43.3.170
Starting Nmap 7.92 ( https://nmap.org ) at 2022-11-03 09:16 EDT
Nmap scan report for 170.mobinnet.net (89.43.3.170)
Host is up (0.0035s latency).

PORT      STATE    SERVICE
1/tcp      open     tcpmux (2 seconds)
3/tcp      open     compressnet
4/tcp      open     unknown/Security
6/tcp      open     unknown
7/tcp      open     echo
9/tcp      open     discard
13/tcp     open     daytime
17/tcp     open     qotd
19/tcp     open     chargen
20/tcp     open     ftp-data
21/tcp     open     ftp
22/tcp     open     ssh
23/tcp     open     telnet
24/tcp     open     priv-mail
25/tcp     open     smtp
26/tcp     open     rsftp
30/tcp     open     unknown
32/tcp     open     unknown
33/tcp     open     dsp
37/tcp     open     time
42/tcp     open     nameserver
43/tcp     open     whois
49/tcp     open     tacacs
```

```
help      Complete usage help.
(kali㉿kali)-[~/Desktop/Security] errors in plugins.
└─$ sudo nmap -sT 89.43.3.65      Display version information.
Starting Nmap 7.92 ( https://nmap.org ) at 2022-11-03 12:10 EDT
Nmap scan report for 65.mobinnet.net (89.43.3.65)
Host is up (0.029s latency).

PORT      STATE     SERVICE
1/tcp      open      tcpmux
3/tcp      open      compressnet
4/tcp      open      unknown
6/tcp      open      unknown
7/tcp      open      echo
9/tcp      open      discard
13/tcp     open      daytime
17/tcp     open      qotd
19/tcp     open      chargen
20/tcp     open      ftp-data
21/tcp     open      ftp
22/tcp     open      ssh
23/tcp     open      telnet
24/tcp     open      priv-mail
25/tcp     open      smtp
26/tcp     open      rsftp
30/tcp     open      unknown
32/tcp     open      unknown
33/tcp     open      dsp
37/tcp     open      time
42/tcp     open      nameserver
43/tcp     open      whois
49/tcp     open      tacacs
```

گزارش Stealth Scan -

این دستور برای اسکن کامل پورت‌های باز و اطلاعات اضافه راجع به سرویس‌های استفاده شده هر دامین است.

```
(kali㉿kali)-[~/Desktop/Security]
$ sudo nmap -sS 89.43.3.229
[sudo] password for kali:
Starting Nmap 7.92 ( https://nmap.org ) at 2022-11-03 09:44 EDT
Nmap scan report for 229.mobinnet.net (89.43.3.229)
Host is up (0.011s latency).

PORT      STATE     SERVICE
1/tcp      open      tcpmux
3/tcp      open      compressnet
4/tcp      open      unknown
6/tcp      open      unknown
7/tcp      open      echo
9/tcp      open      discard
13/tcp     open      daytime
17/tcp     open      qotd
19/tcp     open      chargen
20/tcp     open      ftp-data
21/tcp     open      ftp
22/tcp     open      ssh
23/tcp     open      telnet
24/tcp     open      priv-mail
25/tcp     open      smtp
26/tcp     open      rsftp
30/tcp     open      unknown
32/tcp     open      unknown
33/tcp     open      dsp
37/tcp     open      time
42/tcp     open      nameserver
43/tcp     open      whois
49/tcp     open      tacacs
53/tcp     open      domain
```

```
(kali㉿kali)-[~/Desktop/Security]
└─$ sudo nmap -sS 89.43.3.170
[sudo] password for kali:
Starting Nmap 7.92 ( https://nmap.org ) at 2022-11-03 12:42 EDT
Nmap scan report for 170.mobinnet.net (89.43.3.170)
Host is up (1.3s latency).

PORT      STATE SERVICE
1/tcp      open  tcpmux
3/tcp      open  compressnet
4/tcp      open  unknown
6/tcp      open  unknown
7/tcp      open  echo
9/tcp      open  discard
13/tcp     open  daytime
17/tcp     open  qotd
19/tcp     open  chargen
20/tcp     open  ftp-data
21/tcp     open  ftp
22/tcp     open  ssh
23/tcp     open  telnet
24/tcp     open  priv-mail
25/tcp     open  smtp
26/tcp     open  rsftp
30/tcp     open  unknown
32/tcp     open  unknown
33/tcp     open  dsp
37/tcp     open  time
42/tcp     open  nameserver
43/tcp     open  whois
49/tcp     open  tacacs
53/tcp     open  domain
```

```
(kali㉿kali)-[~/Desktop/Security]
└─$ sudo nmap -sS 89.43.3.65
Starting Nmap 7.92 ( https://nmap.org ) at 2022-11-03 09:25 EDT
Stats: 0:00:00 elapsed; 0 hosts completed (0 up), 1 undergoing Ping Scan
Ping Scan Timing: About 100.00% done; ETC: 09:25 (0:00:00 remaining)
Nmap scan report for 65.mobinnet.net (89.43.3.65)
Host is up (0.0062s latency).

PORT      STATE SERVICE
1/tcp      open  tcpmux
3/tcp      open  compressnet
4/tcp      open  unknown
6/tcp      open  unknown
7/tcp      open  echo
9/tcp      open  discard
13/tcp     open  daytime
17/tcp     open  qotd
19/tcp     open  chargen
20/tcp     open  ftp-data
21/tcp     open  ftp
22/tcp     open  ssh
23/tcp     open  telnet
24/tcp     open  priv-mail
25/tcp     open  smtp
26/tcp     open  rsftp
30/tcp     open  unknown
```

همانطور که مشاهده میکنیم همهچنین تمامی پورت ها و سرویس های مربوط به پورت های هر دامین به طور کامل اسکن شده است.

گزارش Fingerprint Scan -

در این بخش اطلاعات مربوط به سیستم‌عامل و سرویس‌ها و اطلاعات راجع به پورت‌ها را نمایش میدهد.

```
(kali㉿kali)-[~/Desktop/Security]
$ sudo nmap -O -v 89.43.3.229
Starting Nmap 7.92 ( https://nmap.org ) at 2022-11-03 09:41 EDT
Initiating Ping Scan at 09:41
Scanning 89.43.3.229 [4 ports]
Completed Ping Scan at 09:41, 0.04s elapsed (1 total hosts)
Initiating Parallel DNS resolution of 1 host. at 09:41
Completed Parallel DNS resolution of 1 host. at 09:41, 1.98s elapsed
Initiating SYN Stealth Scan at 09:41
Scanning 229.mobinnet.net (89.43.3.229) [1000 ports]
Discovered open port 139/tcp on 89.43.3.229
Discovered open port 143/tcp on 89.43.3.229
Discovered open port 53/tcp on 89.43.3.229
Discovered open port 1720/tcp on 89.43.3.229
Discovered open port 135/tcp on 89.43.3.229
Discovered open port 1025/tcp on 89.43.3.229
Discovered open port 8888/tcp on 89.43.3.229
Discovered open port 110/tcp on 89.43.3.229
Discovered open port 993/tcp on 89.43.3.229
Discovered open port 443/tcp on 89.43.3.229
Discovered open port 8080/tcp on 89.43.3.229
Discovered open port 995/tcp on 89.43.3.229
Discovered open port 3306/tcp on 89.43.3.229
Discovered open port 21/tcp on 89.43.3.229
Discovered open port 80/tcp on 89.43.3.229
Discovered open port 5900/tcp on 89.43.3.229
Discovered open port 111/tcp on 89.43.3.229
Discovered open port 554/tcp on 89.43.3.229
Discovered open port 1723/tcp on 89.43.3.229
Discovered open port 3389/tcp on 89.43.3.229
```

```
(kali㉿kali)-[~/Desktop/Security]
$ sudo nmap -O -v 89.43.3.170
Starting Nmap 7.92 ( https://nmap.org ) at 2022-11-03 12:12 EDT
Initiating Ping Scan at 12:12
Scanning 89.43.3.170 [4 ports]
Completed Ping Scan at 12:12, 0.04s elapsed (1 total hosts)
Initiating Parallel DNS resolution of 1 host. at 12:12
Completed Parallel DNS resolution of 1 host. at 12:12, 1.35s elapsed
Initiating SYN Stealth Scan at 12:12
Scanning 170.mobinnet.net (89.43.3.170) [1000 ports]
Discovered open port 256/tcp on 89.43.3.170
Discovered open port 3306/tcp on 89.43.3.170 exact version of WordPress.
Discovered open port 53/tcp on 89.43.3.170
Discovered open port 23/tcp on 89.43.3.170
Discovered open port 8080/tcp on 89.43.3.170 errors.
Discovered open port 1025/tcp on 89.43.3.170
Discovered open port 1723/tcp on 89.43.3.170
Discovered open port 554/tcp on 89.43.3.170
Discovered open port 143/tcp on 89.43.3.170 192.168.0.0/24
Discovered open port 5900/tcp on 89.43.3.170
Discovered open port 139/tcp on 89.43.3.170 Top 1000.
Discovered open port 80/tcp on 89.43.3.170 100.txt \
Discovered open port 1720/tcp on 89.43.3.170 n_xml
Discovered open port 995/tcp on 89.43.3.170
Discovered open port 111/tcp on 89.43.3.170
Discovered open port 8888/tcp on 89.43.3.170
Discovered open port 3389/tcp on 89.43.3.170
Discovered open port 199/tcp on 89.43.3.170
Discovered open port 443/tcp on 89.43.3.170
Discovered open port 110/tcp on 89.43.3.170
Discovered open port 135/tcp on 89.43.3.170
```

```
[kali㉿kali)-[~/Desktop/Security] nmap -O -v 89.43.3.65
$ sudo nmap -O -v 89.43.3.65
Starting Nmap 7.92 ( https://nmap.org ) at 2022-11-03 12:11 EDT
Initiating Ping Scan at 12:11
Scanning 89.43.3.65 [4 ports]
Completed Ping Scan at 12:11, 0.04s elapsed (1 total hosts)
Initiating Parallel DNS resolution of 1 host. at 12:11
Completed Parallel DNS resolution of 1 host. at 12:11, 0.20s elapsed
Initiating SYN Stealth Scan at 12:11
Scanning 65.mobinnet.net (89.43.3.65) [1000 ports]
Discovered open port 199/tcp on 89.43.3.65
Discovered open port 23/tcp on 89.43.3.65
Discovered open port 135/tcp on 89.43.3.65
Discovered open port 1720/tcp on 89.43.3.65
Discovered open port 1723/tcp on 89.43.3.65
Discovered open port 111/tcp on 89.43.3.65
Discovered open port 554/tcp on 89.43.3.65
Discovered open port 80/tcp on 89.43.3.65
Discovered open port 1025/tcp on 89.43.3.65
Discovered open port 3389/tcp on 89.43.3.65
Discovered open port 139/tcp on 89.43.3.65
Discovered open port 110/tcp on 89.43.3.65
Discovered open port 256/tcp on 89.43.3.65
Discovered open port 22/tcp on 89.43.3.65
Discovered open port 53/tcp on 89.43.3.65
Discovered open port 21/tcp on 89.43.3.65
Discovered open port 5900/tcp on 89.43.3.65
Discovered open port 3306/tcp on 89.43.3.65
Discovered open port 8080/tcp on 89.43.3.65
Discovered open port 143/tcp on 89.43.3.65
Discovered open port 445/tcp on 89.43.3.65
```

• گزارش UDP Scan

این بخش پورت های مربوط به سرویس udp و سرویس های استفاده شده روی این پورت ها را بررسی میکند.

```
(kali㉿kali)-[~/Desktop/Security]
$ sudo nmap -sU 89.43.3.229
[sudo] password for kali:
Starting Nmap 7.92 ( https://nmap.org ) at 2022-11-03 12:26 EDT
Nmap scan report for 229.mobinnet.net (89.43.3.229)
Host is up (0.053s latency).
Not shown: 998 open|filtered udp ports (no-response)
PORT      STATE SERVICE
53/udp    open  domain
123/udp   open  ntp

Nmap done: 1 IP address (1 host up) scanned in 1601.75 seconds
```

```
(kali㉿kali)-[~/Desktop/Security]
$ sudo nmap -sU 89.43.3.170
[sudo] password for kali:
Starting Nmap 7.92 ( https://nmap.org ) at 2022-11-03 12:27 EDT
Nmap scan report for 170.mobinnet.net (89.43.3.170)
Host is up (0.00064s latency).
Not shown: 999 open|filtered udp ports (no-response)
PORT      STATE SERVICE
53/udp    open  domain

Nmap done: 1 IP address (1 host up) scanned in 1585.89 seconds
```

```
(kali㉿kali)-[~/Desktop/Security]
$ sudo nmap -sU 89.43.3.65
Starting Nmap 7.92 ( https://nmap.org ) at 2022-11-03 09:27 EDT
Nmap scan report for 65.mobinnet.net (89.43.3.65)
Host is up (0.0011s latency).
Not shown: 999 open|filtered udp ports (no-response)
PORT      STATE SERVICE
53/udp    open  domain

Nmap done: 1 IP address (1 host up) scanned in 1605.78 seconds
```

میتوان دید که در اکثر دامنه ها پورتهای udp فیلتر میباشند .

Idle Scan گزارش •

```
(kali㉿kali)-[~/Desktop/Security]
└─$ sudo nmap -sI 89.43.3.229
WARNING: Many people use -Pn w/Idlescan to prevent pings from their true IP. On the other hand, timing info Nmap gains from pings can allow for faster, more reliable scans.
Starting Nmap 7.92 ( https://nmap.org ) at 2022-11-03 12:13 EDT
WARNING: No targets were specified, so 0 hosts scanned.
Nmap done: 0 IP addresses (0 hosts up) scanned in 2.06 seconds
```

```
(kali㉿kali)-[~/Desktop/Security] websites
└─$ sudo nmap -sI 89.43.3.170 --script https://192.168.0.0/24
WARNING: Many people use -Pn w/Idlescan to prevent pings from their true IP. On the other hand, timing info Nmap gains from pings can allow for faster, more reliable scans.
Starting Nmap 7.92 ( https://nmap.org ) at 2022-11-03 12:13 EDT
WARNING: No targets were specified, so 0 hosts scanned.
Nmap done: 0 IP addresses (0 hosts up) scanned in 2.07 seconds
```

```
(kali㉿kali)-[~/Desktop/Security]
└─$ sudo nmap -sI 89.43.3.65
WARNING: Many people use -Pn w/Idlescan to prevent pings from their true IP. On the other hand, timing info Nmap gains from pings can allow for faster, more reliable scans.
Starting Nmap 7.92 ( https://nmap.org ) at 2022-11-03 10:02 EDT
WARNING: No targets were specified, so 0 hosts scanned.
Nmap done: 0 IP addresses (0 hosts up) scanned in 2.06 seconds
```

همانطور که می‌بینیم زامبی مناسبی برای اینکه بتوان حمله بروت فورس را بر روی دامین‌ها انجام داد، یافت نشد. این اسکن پیدا نشد.

• گزارش Hping3

این وسیله برای تست پینگ میباشد. همان طور که در میبینیم مثل بخش اول تمامی هاستها را به درستی پینگ میکند . برای مثال به هاست 89.43.2.65 توجه کنید این هاست هم در این بخش و هم در بخش نخست قسمت 100 درصد packet loss دارد . در واقع همانطور که مشاهده می شود نتیجه ای که در بخش اول داشتیم مطابقت دارد پس ابزار به درستی کار می کند .

```
(kali㉿kali)-[~/Desktop/Security]
└─$ sudo hping3
hpinger> ping www.google.com -c 6
PING www.google.com (172.217.165.4) 56(84) bytes of data.
64 bytes from yyz12s06-in-f4.1e100.net (172.217.165.4): icmp_seq=1 ttl=128 time=207 ms
64 bytes from yyz12s06-in-f4.1e100.net (172.217.165.4): icmp_seq=2 ttl=128 time=215 ms
64 bytes from yyz12s06-in-f4.1e100.net (172.217.165.4): icmp_seq=3 ttl=128 time=213 ms
64 bytes from yyz12s06-in-f4.1e100.net (172.217.165.4): icmp_seq=4 ttl=128 time=204 ms
64 bytes from yyz12s06-in-f4.1e100.net (172.217.165.4): icmp_seq=5 ttl=128 time=222 ms
64 bytes from yyz12s06-in-f4.1e100.net (172.217.165.4): icmp_seq=6 ttl=128 time=230 ms

— www.google.com ping statistics —
6 packets transmitted, 6 received, 0% packet loss, time 5011ms
rtt min/avg/max/mdev = 203.864/215.207/230.191/8.807 ms
```

```
(kali㉿kali)-[~/Desktop/Security]
└─$ sudo hping3 -1 89.43.3.229 -c 6
HPING 89.43.3.229 (eth0 89.43.3.229): icmp mode set, 28 headers + 0 data bytes
len=46 ip=89.43.3.229 ttl=128 id=4924 icmp_seq=0 rtt=409.1 ms
len=46 ip=89.43.3.229 ttl=128 id=4925 icmp_seq=1 rtt=413.2 ms
len=46 ip=89.43.3.229 ttl=128 id=4926 icmp_seq=2 rtt=406.6 ms
len=46 ip=89.43.3.229 ttl=128 id=4927 icmp_seq=3 rtt=411.3 ms
len=46 ip=89.43.3.229 ttl=128 id=4928 icmp_seq=4 rtt=405.4 ms
len=46 ip=89.43.3.229 ttl=128 id=4929 icmp_seq=5 rtt=390.2 ms

— 89.43.3.229 hping statistic —
6 packets transmitted, 6 packets received, 0% packet loss
round-trip min/avg/max = 390.2/406.0/413.2 ms
```

```
(kali㉿kali)-[~/Desktop/Security]
└─$ sudo hping3 -1 89.43.3.170 -c 6
[sudo] password for kali:
HPING 89.43.3.170 (eth0 89.43.3.170): icmp mode set, 28 headers + 0 data bytes
len=46 ip=89.43.3.170 ttl=128 id=21695 icmp_seq=0 rtt=404.7 ms
len=46 ip=89.43.3.170 ttl=128 id=21697 icmp_seq=1 rtt=417.2 ms
len=46 ip=89.43.3.170 ttl=128 id=21698 icmp_seq=2 rtt=417.1 ms
len=46 ip=89.43.3.170 ttl=128 id=21699 icmp_seq=3 rtt=417.1 ms
len=46 ip=89.43.3.170 ttl=128 id=21700 icmp_seq=4 rtt=409.4 ms
len=46 ip=89.43.3.170 ttl=128 id=21702 icmp_seq=5 rtt=409.0 ms

— 89.43.3.170 hping statistic — scanned in 2.00 seconds
6 packets transmitted, 6 packets received, 0% packet loss
round-trip min/avg/max = 404.7/412.4/417.2 ms
```

```
(kali㉿kali)-[~/Desktop/Security] security
$ sudo hping3 -1 89.43.3.65 -c 6
[sudo] password for kali:
HPING 89.43.3.65 (eth0 89.43.3.65): icmp mode set, 28 headers + 0 data bytes

-- 89.43.3.65 hping statistic --
6 packets transmitted, 0 packets received, 100% packet loss
round-trip min/avg/max = 0.0/0.0/0.0 ms
```

- بررسی ابزار netdiscover

Netdiscover ابزاری برای شناسایی هاست های فعال در یک شبکه است و پروتکل ARP را شنود می کند. با دستور `netdiscover -r 192.168.1.1/16` میتوان تمامی شبکه های روی 192.168.XX را با مشخصاتی همچون مک آدرس مشاهده کرد.

IP	At	MAC Address	Count	Len	MAC Vendor / Hostname
192.168.1.1	18:d2:76:6a:b5:ca		53	3180	Unknown vendor
192.168.1.2	50:b7:c3:f5:75:80		2	120	Samsung Electronics CO., LTD
192.168.1.5	00:1b:63:c5:3b:6c		1	60	Apple
192.168.1.150	08:00:27:6d:69:49		1	60	CADMUS COMPUTER SYSTEMS
192.168.1.151	08:00:27:7b:1f:c4		1	60	CADMUS COMPUTER SYSTEMS

البته در کل خروجی در این ابزار نداشتیم زیرا باید در شبکه لوکال مربوطه باشم بنابراین نتیجه های نداریم.

Currently scanning: Finished!		Screen View: Unique Hosts
0 Captured ARP Req/Rep packets, from 0 hosts. Total size: 0		
IP	At	MAC Address
Count	Len	MAC Vendor / Hostname

- ابزار آنلاین

- گزارش Whatweb

در دامنه میبینیم که اطلاعاتی مثل IP، HTTPServer وغیره میباشد.

```
(kali㉿kali)-[~] unknown
└─$ sudo whatweb 89.43.3.229
http://89.43.3.229 [200 OK] Country[ROMANIA][RO], HTTPServer[lighttpd/1.4.35], IP[89.43.3.229], PasswordField[password], Script[text/javascript], Title[Setup Login], lighttpd[1.4.35]
```

در این ابزار میتوان مشاهده کرد که به دلیل مشکل در ویپی ان تنها موفق به دریافت اطلاعات همه دامنه ها نشده ام.

```
(kali㉿kali)-[~/Desktop/Security] scanned in 2.06 seconds
└─$ sudo whatweb 89.43.3.170
ERROR Opening: http://89.43.3.170 - end of file reached
```

```
(kali㉿kali)-[~] netcat
└─$ sudo whatweb 89.43.3.65
[sudo] password for kali:
ERROR Opening: http://89.43.3.65 - end of file reached
http://89.43.3.65 unknown
```

httpprint -

با استفاده از httpprint اطلاعات بیشتری از دو آدرس ۸۳.۴۹.۳.۲۲۹ و www.google.com بدست می‌آوریم که در ادامه اطلاعات بدست امده را در اسکرین‌شات‌های زیر مشاهده می‌کنیم.

The screenshot shows the httpprint application window with two tabs: 'Input File' and 'Signature File'. Under 'Input File', there are two file paths: 'E:\seventh\cysec\httpprint_win32_301\httpprint_301\win32\input.txt' and 'E:\seventh\cysec\httpprint_win32_301\httpprint_301\win32\signature.txt'. The 'Signature File' tab is selected. Below these tabs is a table with columns: Host, Port, Banner Reported, Banner Deduced, and Confidence (%). Two rows are shown:

Host	Port	Banner Reported	Banner Deduced	Conf. (%)
89.43.3.229	80	lighttpd/1.4.35	Apache-Tomcat/4.1.29	58.43
www.google.com	80	gws	Microsoft-IIS/6.0	52.41

Below the table, there is a large gray area containing the raw banner data for each host. At the bottom, there is a scrollable list of additional server details.

This screenshot shows the same httpprint application interface as the first one. The table of results is identical, showing the same two hosts and their respective banners and confidence levels. The raw banner data and additional details at the bottom are also present.

The screenshot shows the httpprint web-based reporting interface. It features a header with the 'http print' logo and the title 'web server fingerprinting report'. Below the header is a table with columns: host, port, ssl, banner reported, banner deduced, icon, and confidence. The same two hosts from the previous screenshots are listed.

host	port	ssl	banner reported	banner deduced	icon	confidence
89.43.3.229	80		lighttpd/1.4.35	Apache-Tomcat/4.1.29		58.43
www.google.com	80		gws	Microsoft-IIS/6.0		52.41

Below the table, there is a section titled 'SSL analysis' and a footer with the copyright information 'httpprint © 2003-2005 net-square'.

- سایت‌های آنلاین

این به شما امکان می‌دهد اسکن سریعی را با اکثر ده پورت استاندارد زیر با اسکنر پورت NMAP میزبانی شده انجام دهید.

<https://hackertarget.com/nmap-online-port-scanner>

The image displays four separate windows from the 'Quick Nmap Scan' tool on the Hackertarget website. Each window shows the results of an Nmap scan for a specific target IP address.

- Target: 89.43.3.65**
Scan report for 65.mobinnet.net (89.43.3.65)
Host is up.
PORT STATE SERVICE
21/tcp filtered ftp
22/tcp filtered ssh
23/tcp filtered telnet
80/tcp filtered http
110/tcp filtered pop3
143/tcp filtered imap
443/tcp filtered https
3389/tcp filtered ms-wbt-server
Nmap done: 1 IP address (1 host up) scanned in 3.76 seconds
- Target: 89.43.3.170**
Scan report for 170.mobinnet.net (89.43.3.170)
Host is up (0.17s latency).
PORT STATE SERVICE
21/tcp closed ftp
22/tcp closed ssh
23/tcp closed telnet
80/tcp closed http
110/tcp closed pop3
143/tcp closed imap
443/tcp open https
3389/tcp closed ms-wbt-server
Nmap done: 1 IP address (1 host up) scanned in 0.65 seconds
- Target: 89.43.3.229**
Scan report for 229.mobinnet.net (89.43.3.229)
Host is up (0.17s latency).
PORT STATE SERVICE
21/tcp closed ftp
22/tcp closed ssh
23/tcp closed telnet
80/tcp open http
110/tcp closed pop3
143/tcp closed imap
443/tcp closed https
3389/tcp closed ms-wbt-server
Nmap done: 1 IP address (1 host up) scanned in 1.38 seconds
- Target: www.google.com**
Scan report for www.google.com (142.250.80.36)
Host is up (0.0018s latency).
Other addresses for www.google.com (not scanned): 2607:f8b0:4006:80b::2004
rDNS record for 142.250.80.36: lga34s34-in-f4.1e100.net
PORT STATE SERVICE
21/tcp filtered ftp
22/tcp filtered ssh
23/tcp filtered telnet
80/tcp open http
110/tcp filtered pop3
143/tcp filtered imap
443/tcp open https
3389/tcp filtered ms-wbt-server
Nmap done: 1 IP address (1 host up) scanned in 1.59 seconds

سایت whatweb.net

WhatWeb is a next generation web scanner.

WhatWeb recognises web technologies including content management systems (CMS), blogging platforms, statistic/analytics packages, JavaScript libraries, web servers, and embedded devices.

WhatWeb has over 1800 plugins, each to recognise something different. WhatWeb also identifies version numbers, email addresses, account IDs, web framework modules, SQL errors, and more.

```
http://89.43.3.229 [200 OK] Country[ROMANIA][RO],  
HTTPServer[lighttpd/1.4.35],  
IP[89.43.3.229],  
PasswordField[password],  
Script[text/javascript],  
Title[Setup Login],  
lighttpd[1.4.35]
```

Enter a domain to analyze:

[Download](#)[Wiki](#)

WhatWeb is a next generation web scanner.

WhatWeb recognises web technologies including content management systems (CMS), blogging platforms, statistic/analytics packages, JavaScript libraries, web servers, and embedded devices.

WhatWeb has over 1800 plugins, each to recognise something different. WhatWeb also identifies version numbers, email addresses, account IDs, web framework modules, SQL errors, and more.

```
http://www.google.com [200 OK] Cookies[1P_JAR,AEC,NID],  
Country[UNITED STATES][US],  
HTML5, HTTPServer[gws],  
HttpOnly[AEC,NID],  
IP[142.251.32.164],  
Script, Title[Google],  
X-Frame-Options[SAMEORIGIN],  
X-XSS-Protection[0]
```

Enter a domain to analyze:

[Download](#)[Wiki](#)

WhatWeb is a next generation web scanner.

WhatWeb recognises web technologies including content management systems (CMS), blogging platforms, statistic/analytics packages, JavaScript libraries, web servers, and embedded devices.

WhatWeb has over 1800 plugins, each to recognise something different. WhatWeb also identifies version numbers, email addresses, account IDs, web framework modules, SQL errors, and more.

```
The requested domain is unavailable. Please check the domain and try again.
```

Enter a domain to analyze:

[Download](#)[Wiki](#)

WhatWeb is a next generation web scanner.

WhatWeb recognises web technologies including content management systems (CMS), blogging platforms, statistic/analytics packages, JavaScript libraries, web servers, and embedded devices.

WhatWeb has over 1800 plugins, each to recognise something different. WhatWeb also identifies version numbers, email addresses, account IDs, web framework modules, SQL errors, and more.

Enter a domain to analyze:

[Download](#)[Wiki](#)

```
The requested domain is unavailable. Please check the domain and try again.
```

با این اسکنر پورت TCP آنلاین می توانید یک آدرس IP را برای پورت های باز اسکن کنید. از این ابزار اسکن پورت TCP برای بررسی اینکه چه سرویس های روی سرور شما اجرا می شوند، استفاده کنید، بررسی کنید که آیا فایروال شما درست کار می کند یا خیر، پورت های TCP باز را مشاهده کنید. این پورت اسکنر اسکن TCP را روی یک آدرس IP با استفاده از اسکنر پورت Nmap اجرا می کند IP هایی را که متعلق به شما نیست اسکن نکنید، این عمل ممکن است توسط سرویس های امنیتی فعل و مسدود شود.

[/https://www.ipvoid.com/port-scan](https://www.ipvoid.com/port-scan)

Enter IPv4 or IPv6 address to scan:
89.43.3.170

Scan all common ports
 Scan a custom port
80

I agree to the [terms of use](#)

I'm not a robot 
reCAPTCHA Privacy - Terms

Scan Now

Enter IPv4 or IPv6 address to scan:
89.43.3.65

Scan all common ports
 Scan a custom port
80

I agree to the [terms of use](#)

I'm not a robot 
reCAPTCHA Privacy - Terms

Scan Now

Enter IPv4 or IPv6 address to scan:
89.43.3.229

Scan all common ports
 Scan a custom port
80

I agree to the [terms of use](#)

I'm not a robot 
reCAPTCHA Privacy - Terms

Scan Now

Port Scanning Results

Port	Type	Status	Service
21	TCP	● Closed	ftp
22	TCP	● Closed	ssh
23	TCP	● Closed	telnet
25	TCP	● Closed	smtp
53	TCP	● Closed	domain
80	TCP	● Closed	http
110	TCP	● Closed	pop3
111	TCP	● Closed	rpcbind
135	TCP	● Closed	msrpc
139	TCP	● Closed	netbios-ssn
143	TCP	● Closed	imap
389	TCP	● Closed	ldap
443	TCP	● Open	https
445	TCP	● Closed	microsoft-ds
587	TCP	● Closed	submission
1025	TCP	● Closed	NFS-or-IIS
1080	TCP	● Closed	socks
1433	TCP	● Closed	ms-sql-s
2049	TCP	● Closed	nfs
3306	TCP	● Closed	mysql
3389	TCP	● Closed	ms-wbt-server
5900	TCP	● Closed	vnc
6001	TCP	● Filtered	X11:1
6379	TCP	● Filtered	redis
8080	TCP	● Filtered	http-proxy
9001	TCP	● Filtered	tor-orport
9050	TCP	● Filtered	tor-socks

Port Scanning Results

Port	Type	Status	Service
21	TCP	● Filtered	ftp
22	TCP	● Filtered	ssh
23	TCP	● Filtered	telnet
25	TCP	● Filtered	smtp
53	TCP	● Filtered	domain
80	TCP	● Filtered	http
110	TCP	● Filtered	pop3
111	TCP	● Filtered	rpcbind
135	TCP	● Filtered	msrpc
139	TCP	● Filtered	netbios-ssn
143	TCP	● Filtered	imap
389	TCP	● Filtered	ldap
443	TCP	● Filtered	https
445	TCP	● Filtered	microsoft-ds
587	TCP	● Filtered	submission
1025	TCP	● Filtered	NFS-or-IIS
1080	TCP	● Filtered	socks
1433	TCP	● Filtered	ms-sql-s
2049	TCP	● Filtered	nfs
3306	TCP	● Filtered	mysql
3389	TCP	● Filtered	ms-wbt-server
5900	TCP	● Filtered	vnc
6001	TCP	● Filtered	X11:1
6379	TCP	● Filtered	redis
8080	TCP	● Filtered	http-proxy
9001	TCP	● Filtered	tor-orport
9050	TCP	● Filtered	tor-socks

Port Scanning Results

Port	Type	Status	Service
21	TCP	● Closed	ftp
22	TCP	● Closed	ssh
23	TCP	● Closed	telnet
25	TCP	● Closed	smtp
53	TCP	● Closed	domain
80	TCP	● Open	http
110	TCP	● Closed	pop3
111	TCP	● Closed	rpcbind
135	TCP	● Closed	msrpc
139	TCP	● Closed	netbios-ssn
143	TCP	● Closed	imap
389	TCP	● Closed	ldap
443	TCP	● Closed	https
445	TCP	● Closed	microsoft-ds
587	TCP	● Closed	submission
1025	TCP	● Closed	NFS-or-IIS
1080	TCP	● Closed	socks
1433	TCP	● Closed	ms-sql-s
2049	TCP	● Closed	nfs
3306	TCP	● Closed	mysql
3389	TCP	● Closed	ms-wbt-server
5900	TCP	● Closed	vnc
6001	TCP	● Closed	X11:1
6379	TCP	● Closed	redis
8080	TCP	● Closed	http-proxy
9001	TCP	● Closed	tor-orport
9050	TCP	● Closed	tor-socks