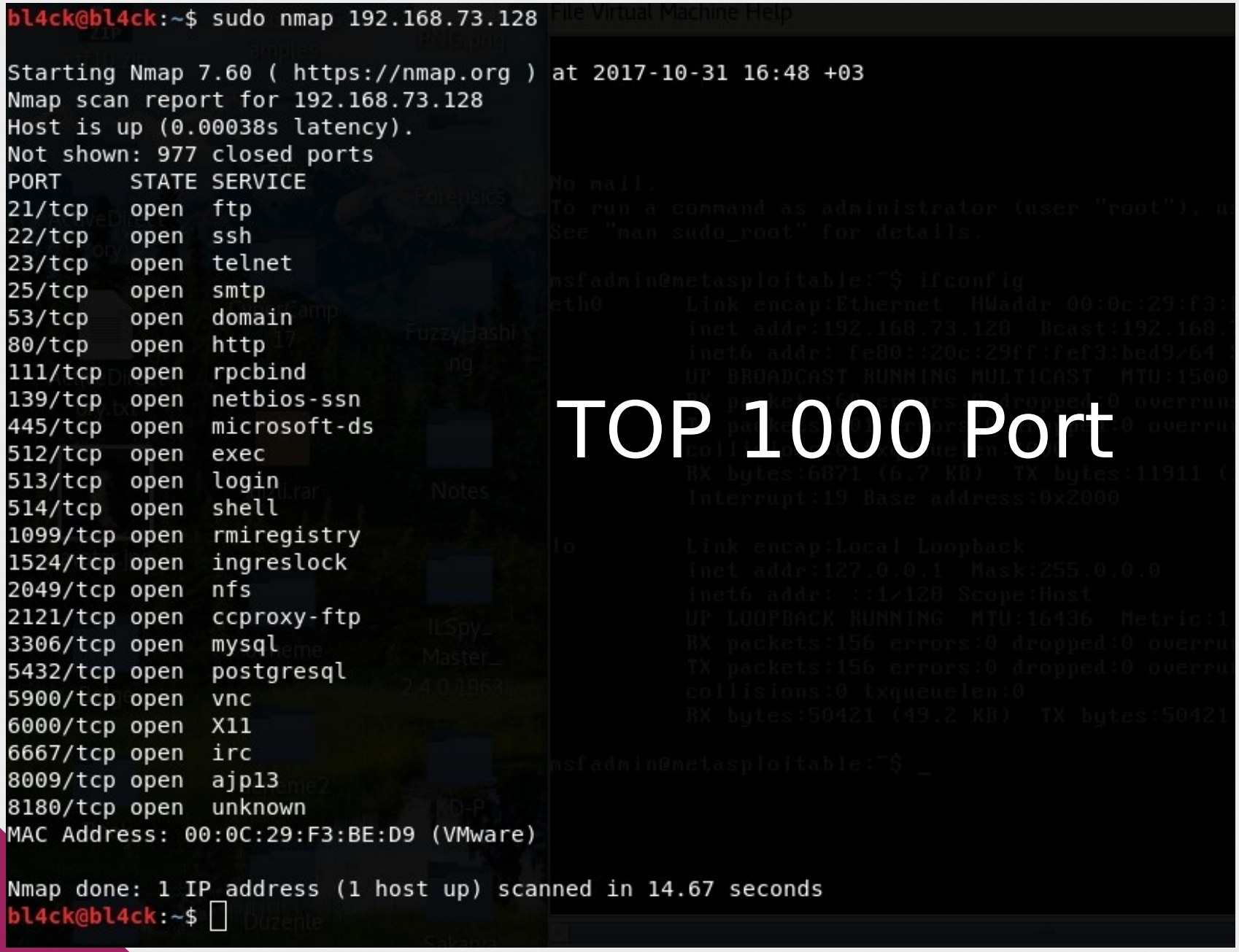
Aktif Bilgi Toplama

NMAP

```
bl4ck@bl4ck:~$ whatis nmap
nmap (1)             - Network exploration tool and security / port scanner
```

```
NMAP(1)                          Nmap Reference Guide                          NMAP(1)

NAME
       nmap - Network exploration tool and security / port scanner

SYNOPSIS
       nmap [Scan Type...] [Options] {target specification}

DESCRIPTION
       Nmap ("Network Mapper") is an open source tool for network exploration and security auditing. It was designed to rapidly scan large
       networks, although it works fine against single hosts. Nmap uses raw IP packets in novel ways to determine what hosts are available on the
       network, what services (application name and version) those hosts are offering, what operating systems (and OS versions) they are running,
       what type of packet filters/firewalls are in use, and dozens of other characteristics. While Nmap is commonly used for security audits,
       many systems and network administrators find it useful for routine tasks such as network inventory, managing service upgrade schedules, and
       monitoring host or service uptime.

       The output from Nmap is a list of scanned targets, with supplemental information on each depending on the options used. Key among that
       information is the "interesting ports table".  That table lists the port number and protocol, service name, and state. The state is either
       open, filtered, closed, or unfiltered.  Open means that an application on the target machine is listening for connections/packets on that
       port.  Filtered means that a firewall, filter, or other network obstacle is blocking the port so that Nmap cannot tell whether it is open
       or closed.  Closed ports have no application listening on them, though they could open up at any time. Ports are classified as unfiltered
       when they are responsive to Nmap's probes, but Nmap cannot determine whether they are open or closed. Nmap reports the state combinations
       open|filtered and closed|filtered when it cannot determine which of the two states describe a port. The port table may also include
       software version details when version detection has been requested. When an IP protocol scan is requested (-sO), Nmap provides information
       on supported IP protocols rather than listening ports.

       In addition to the interesting ports table, Nmap can provide further information on targets, including reverse DNS names, operating system
       guesses, device types, and MAC addresses.

       A typical Nmap scan is shown in Example 1. The only Nmap arguments used in this example are -A, to enable OS and version detection, script
       scanning, and traceroute; -T4 for faster execution; and then the hostname.
```

NMAP – Basic Scan - IP



TOP 1000 Port

NMAP – Basic Scan - Domain

```
bl4ck@bl4ck:~$ nmap scanme.nmap.org

Starting Nmap 7.60 ( https://nmap.org ) at 2017-10-31 20:00 +03
Nmap scan report for scanme.nmap.org (45.33.32.156)
Host is up (0.21s latency).
Other addresses for scanme.nmap.org (not scanned): 2600:3c01::f03c:91ff:fe18:bb2f
Not shown: 996 closed ports
PORT      STATE    SERVICE
22/tcp    open     ssh
25/tcp    filtered smtp
80/tcp    open     http
31337/tcp open     Elite

Nmap done: 1 IP address (1 host up) scanned in 16.36 seconds
bl4ck@bl4ck:~$
```

TOP 1000 Port

DNS Lookup

NMAP – IP Range

```
bl4ck@bl4ck:~$ sudo nmap 192.168.73.0/24

Starting Nmap 7.60 ( https://nmap.org ) at 2017-10-31 16:58 +03
Nmap scan report for 192.168.73.128
Host is up (0.00024s latency).
Not shown: 977 closed ports
PORT     STATE SERVICE
21/tcp   open  ftp
22/tcp   open  ssh
23/tcp   open  telnet
25/tcp   open  smtp
53/tcp   open  domain
80/tcp   open  http
111/tcp  open  rpcbind
139/tcp  open  netbios-ssn
445/tcp  open  microsoft-ds
512/tcp  open  exec
513/tcp  open  login
514/tcp  open  shell
1099/tcp open  rmiregistry
1524/tcp open  ingreslock
2049/tcp open  nfs
2121/tcp open  ccproxy-ftp
3306/tcp open  mysql
5432/tcp open  postgresql
5900/tcp open  vnc
6000/tcp open  X11
6667/tcp open  irc
8009/tcp open  ajp13
8180/tcp open  unknown
MAC Address: 00:0C:29:F3:BE:D9 (VMware)

Nmap scan report for 192.168.73.254
```

NMAP – Specific Port

-p 80

```
bl4ck@bl4ck:~$ sudo nmap 192.168.73.128 -p 80

Starting Nmap 7.60 ( https://nmap.org ) at 2017-10-31 17:08 +03
Nmap scan report for 192.168.73.128
Host is up (0.00023s latency).

PORT   STATE SERVICE
80/tcp open  http
MAC Address: 00:0C:29:F3:BE:D9 (VMware)

Nmap done: 1 IP address (1 host up) scanned in 13.58 seconds
bl4ck@bl4ck:~$
```

NMAP – Specific Ports

-p 80,443,21

```
bl4ck@bl4ck:~$ sudo nmap 192.168.73.128 -p 80,443,21

Starting Nmap 7.60 ( https://nmap.org ) at 2017-10-31 17:13 +03
Nmap scan report for 192.168.73.128
Host is up (0.00025s latency).

PORT    STATE  SERVICE
21/tcp  open   ftp
80/tcp  open   http
443/tcp closed https
MAC Address: 00:0C:29:F3:BE:D9 (VMware)

Nmap done: 1 IP address (1 host up) scanned in 13.73 seconds
bl4ck@bl4ck:~$
```

NMAP – OS Detection

-O

```
bl4ck@bl4ck:~$ sudo nmap 192.168.73.128 -O

Starting Nmap 7.60 ( https://nmap.org ) at 2017-10-31 17:17 +03
Nmap scan report for 192.168.73.128
Host is up (0.00052s latency).
Not shown: 977 closed ports
PORT     STATE SERVICE
21/tcp   open  ftp
22/tcp   open  ssh
23/tcp   open  telnet
25/tcp   open  smtp
53/tcp   open  domain
80/tcp   open  http
111/tcp  open  rpcbind
139/tcp  open  netbios-ssn
445/tcp  open  microsoft-ds
```

```
Running: Linux 2.6.X
OS CPE: cpe:/o:linux:linux_kernel:2.6
OS details: Linux 2.6.9 - 2.6.33
Network Distance: 1 hop

OS detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 16.80 seconds
bl4ck@bl4ck:~$
```

NMAP – Version Detection

-sV

```
bl4ck@bl4ck:~$ sudo nmap 192.168.73.128 -sV

Starting Nmap 7.60 ( https://nmap.org ) at 2017-10-31 17:22 +03
Nmap scan report for 192.168.73.128
Host is up (0.00050s latency).
Not shown: 977 closed ports
PORT     STATE SERVICE     VERSION
21/tcp   open  ftp         vsftpd 2.3.4
22/tcp   open  ssh         OpenSSH 4.7p1 Debian 8ubuntu1 (protocol 2.0)
23/tcp   open  telnet      Linux telnetd
25/tcp   open  smtp        Postfix smtpd
53/tcp   open  domain      ISC BIND 9.4.2
80/tcp   open  http        Apache httpd 2.2.8 ((Ubuntu) DAV/2)
111/tcp  open  rpcbind     2 (RPC #100000)
139/tcp  open  netbios-ssn Samba smbd 3.X - 4.X (workgroup: WORKGROUP)
445/tcp  open  netbios-ssn Samba smbd 3.X - 4.X (workgroup: WORKGROUP)
512/tcp  open  exec        netkit-rsh rexecd
513/tcp  open  login?
514/tcp  open  shell       Netkit rshd
1099/tcp open  rmiregistry GNU Classpath grmiregistry
1524/tcp open  shell       Metasploitable root shell
2049/tcp open  nfs         2-4 (RPC #100003)
2121/tcp open  ftp         ProFTPD 1.3.1
3306/tcp open  mysql       MySQL 5.0.51a-3ubuntu5
5432/tcp open  postgresql  PostgreSQL DB 8.3.0 - 8.3.7
5900/tcp open  vnc         VNC (protocol 3.3)
6000/tcp open  X11         (access denied)
6667/tcp open  irc         UnrealIRCd
8009/tcp open  ajp13       Apache Jserv (Protocol v1.3)
8180/tcp open  http        Apache Tomcat/Coyote JSP engine 1.1
MAC Address: 00:0C:29:F3:BE:D9 (VMware)
Service Info: Hosts:  metasploitable.localdomain, localhost, irc.Metasploitable.LAN; OSs: Unix, Linux; CPE: cpe:/o:linux:linux_kernel

Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 109.04 seconds
```

NMAP – All Ports Scan

```
bl4ck@bl4ck:~$ sudo nmap 192.168.73.128 -p 0-65535
```

```
bl4ck@bl4ck:~$ sudo nmap 192.168.73.128 -p-
```

NMAP
-A

```
bl4ck@bl4ck:~/Desktop/1KasımEğitim$ sudo nmap 192.168.73.128 -A
[sudo] password for bl4ck:

Starting Nmap 7.60 ( https://nmap.org ) at 2017-10-31 23:54 +03
Nmap scan report for 192.168.73.128
Host is up (0.00026s latency).
Not shown: 977 closed ports
PORT     STATE SERVICE     VERSION
21/tcp   open  ftp         vsftpd 2.3.4
|_ftp-anon: Anonymous FTP login allowed (FTP code 230)
| ftp-syst:
|   STAT:
| FTP server status:
|      Connected to 192.168.73.1
|      Logged in as ftp
|      TYPE: ASCII
|      No session bandwidth limit
|      Session timeout in seconds is 300
|      Control connection is plain text
|      Data connections will be plain text
|      vsFTPd 2.3.4 - secure, fast, stable
|_End of status
22/tcp   open  ssh         OpenSSH 4.7p1 Debian 8ubuntu1 (protocol 2.0)
| ssh-hostkey:
|   1024 60:0f:cf:e1:c0:5f:6a:74:d6:90:24:fa:c4:d5:6c:cd (DSA)
|   2048 56:56:24:0f:21:1d:de:a7:2b:ae:61:b1:24:3d:e8:f3 (RSA)
```

OS Detection
Version Detection
Scripts
Traceroute

NMAP – Ports Range

```
bl4ck@bl4ck:~$ sudo nmap 192.168.73.128 -p 21-45

Starting Nmap 7.60 ( https://nmap.org ) at 2017-10-31 17:53 +03
Stats: 0:00:06 elapsed; 0 hosts completed (0 up), 1 undergoing ARP Ping Scan
Parallel DNS resolution of 1 host. Timing: About 0.00% done
Stats: 0:00:09 elapsed; 0 hosts completed (0 up), 1 undergoing ARP Ping Scan
Parallel DNS resolution of 1 host. Timing: About 0.00% done
Nmap scan report for 192.168.73.128
Host is up (0.0014s latency).

PORT   STATE  SERVICE
21/tcp open   ftp
22/tcp open   ssh
23/tcp open   telnet
24/tcp closed priv-mail
25/tcp open   smtp
26/tcp closed rsftp
27/tcp closed nsw-fe
28/tcp closed unknown
29/tcp closed msg-icp
30/tcp closed unknown
31/tcp closed msg-auth
32/tcp closed unknown
33/tcp closed dsp
34/tcp closed unknown
35/tcp closed priv-print
36/tcp closed unknown
37/tcp closed time
38/tcp closed rap
39/tcp closed rlp
40/tcp closed unknown
41/tcp closed graphics
42/tcp closed nameserver
43/tcp closed whois
```

NMAP – Open Ports Scan

```
bl4ck@bl4ck:~$ sudo nmap 192.168.73.128 -p 21-45 --open

Starting Nmap 7.60 ( https://nmap.org ) at 2017-10-31 17:56 +03
Nmap scan report for 192.168.73.128
Host is up (0.00077s latency).
Not shown: 21 closed ports
PORT   STATE SERVICE
21/tcp open  ftp
22/tcp open  ssh
23/tcp open  telnet
25/tcp open  smtp
MAC Address: 00:0C:29:F3:BE:D9 (VMware)

Nmap done: 1 IP address (1 host up) scanned in 14.62 seconds
bl4ck@bl4ck:~$
```

NMAP

```
bl4ck@bl4ck:~$ sudo nmap 192.168.73.128 -p 21-45 --open -sV

Starting Nmap 7.60 ( https://nmap.org ) at 2017-10-31 17:59 +03
Nmap scan report for 192.168.73.128
Host is up (0.0011s latency).
Not shown: 21 closed ports
PORT   STATE SERVICE VERSION
21/tcp open  ftp     vsftpd 2.3.4
22/tcp open  ssh     OpenSSH 4.7p1 Debian 8ubuntu1 (protocol 2.0)
23/tcp open  telnet  Linux telnetd
25/tcp open  smtp    Postfix smtpd
MAC Address: 00:0C:29:F3:BE:D9 (VMware)
Service Info: Host:  metasploitable.localdomain; OSs: Unix, Linux; CPE: cpe:/o:linux:linux_kernel

Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 25.38 seconds
bl4ck@bl4ck:~$
```

NMAP – Top ports

```
bl4ck@bl4ck:~$ sudo nmap 192.168.73.128 --top-ports 20
[sudo] password for bl4ck:

Starting Nmap 7.60 ( https://nmap.org ) at 2017-10-31 20:06 +03
Nmap scan report for 192.168.73.128
Host is up (0.0011s latency).

PORT     STATE  SERVICE
21/tcp   open   ftp
22/tcp   open   ssh
23/tcp   open   telnet
25/tcp   open   smtp
53/tcp   open   domain
80/tcp   open   http
110/tcp  closed pop3
111/tcp  open   rpcbind
135/tcp  closed msrpc
139/tcp  open   netbios-ssn
143/tcp  closed imap
443/tcp  closed https
445/tcp  open   microsoft-ds
993/tcp  closed imaps
995/tcp  closed pop3s
1723/tcp closed pptp
3306/tcp open   mysql
3389/tcp closed ms-wbt-server
5900/tcp open   vnc
8080/tcp closed http-proxy
MAC Address: 00:0C:29:F3:BE:D9 (VMware)

Nmap done: 1 IP address (1 host up) scanned in 14.68 seconds
```

NMAP – IP From Txt

```
bl4ck@bl4ck:~/Desktop/1KasımEğitim$ sudo nmap -iL IP.txt
[sudo] password for bl4ck:

Starting Nmap 7.60 ( https://nmap.org ) at 2017-10-31 23:02 +03
Nmap scan report for 192.168.73.128
Host is up (0.00043s latency).
Not shown: 977 closed ports
PORT     STATE SERVICE
21/tcp   open  ftp
22/tcp   open  ssh
23/tcp   open  telnet
25/tcp   open  smtp
53/tcp   open  domain
80/tcp   open  http
111/tcp  open  rpcbind
139/tcp  open  netbios-ssn
445/tcp  open  microsoft-ds
512/tcp  open  exec
513/tcp  open  login
514/tcp  open  shell
1099/tcp open  rmiregistry
1524/tcp open  ingreslock
2049/tcp open  nfs
2121/tcp open  ccproxy-ftp
3306/tcp open  mysql
5432/tcp open  postgresql
5900/tcp open  vnc
6000/tcp open  X11
6667/tcp open  irc
8009/tcp open  ajp13
8180/tcp open  unknown
MAC Address: 00:0C:29:F3:BE:D9 (VMware)

Nmap done: 6 IP addresses (1 host up) scanned in 14.88 seconds
bl4ck@bl4ck:~/Desktop/1KasımEğitim$
```

-iL parametresi

NMAP – Exclude IP

```
bl4ck@bl4ck:~/Desktop/1KasımEğitim$ sudo nmap 192.168.73.0/24 --exclude 192.168.73.100

Starting Nmap 7.60 ( https://nmap.org ) at 2017-10-31 23:16 +03
Nmap scan report for 192.168.73.128
Host is up (0.00027s latency).
Not shown: 977 closed ports
PORT     STATE SERVICE
21/tcp   open  ftp
22/tcp   open  ssh
23/tcp   open  telnet
25/tcp   open  smtp
53/tcp   open  domain
80/tcp   open  http
111/tcp  open  rpcbind
139/tcp  open  netbios-ssn
445/tcp  open  microsoft-ds
512/tcp  open  exec
513/tcp  open  login
514/tcp  open  shell
1099/tcp open  rmiregistry
1524/tcp open  ingreslock
2049/tcp open  nfs
2121/tcp open  ccproxy-ftp
3306/tcp open  mysql
5432/tcp open  postgresql
5900/tcp open  vnc
6000/tcp open  X11
6667/tcp open  irc
8009/tcp open  ajp13
8180/tcp open  unknown
MAC Address: 00:0C:29:F3:BE:D9 (VMware)

Nmap scan report for 192.168.73.254
```

NMAP – Exclude Ports

```
bl4ck@bl4ck:~/Desktop/1KasımEğitim$ sudo nmap 192.168.73.128 --exclude-ports 0-5999

Starting Nmap 7.60 ( https://nmap.org ) at 2017-10-31 23:25 +03
WARNING: a TCP ping scan was requested, but after excluding requested TCP ports, none
Nmap scan report for 192.168.73.128
Host is up (0.00085s latency).
Not shown: 996 closed ports
PORT     STATE SERVICE
6000/tcp open  X11
6667/tcp open  irc
8009/tcp open  ajp13
8180/tcp open  unknown
MAC Address: 00:0C:29:F3:BE:D9 (VMware)

Nmap done: 1 IP address (1 host up) scanned in 14.83 seconds
bl4ck@bl4ck:~/Desktop/1KasımEğitim$
```

NMAP – NSE Scripts

/usr/share/nmap/scripts

```
bl4ck@bl4ck:/usr/share/nmap/scripts$ nmap 192.168.73.128 -p 21 --script=ftp-anon.nse

Starting Nmap 7.60 ( https://nmap.org ) at 2017-11-01 11:36 +03
Nmap scan report for 192.168.73.128
Host is up (0.00025s latency).

PORT   STATE SERVICE
21/tcp open  ftp
|_ftp-anon: Anonymous FTP login allowed (FTP code 230)

Nmap done: 1 IP address (1 host up) scanned in 13.20 seconds
bl4ck@bl4ck:/usr/share/nmap/scripts$
```

Nessus Vulnerability Scanner Kurulum

```
bl4ck@bl4ck:~/Downloads$ sudo dpkg -i Nessus-6.11.2-debian6_amd64.deb
[sudo] password for bl4ck:
Selecting previously unselected package nessus.
(Reading database ... 495686 files and directories currently installed.)
Preparing to unpack Nessus-6.11.2-debian6_amd64.deb ...
Unpacking nessus (6.11.2) ...
Setting up nessus (6.11.2) ...
Unpacking Nessus Core Components...
nessusd (Nessus) 6.11.2 [build M20102] for Linux
Copyright (C) 1998 - 2017 Tenable Network Security, Inc

Processing the Nessus plugins...
[##################################################]

All plugins loaded (1sec)

 - You can start Nessus by typing /etc/init.d/nessusd start
 - Then go to https://bl4ck:8834/ to configure your scanner

Processing triggers for systemd (235-2) ...
```

```
bl4ck@bl4ck:~/Downloads$ sudo apt-get install nessus
```

Nessus Vulnerability Scanner Servisinin Başlatılması

```
bl4ck@bl4ck:~/Downloads$ sudo service nessusd start
bl4ck@bl4ck:~/Downloads$ sudo service nessusd status
● nessusd.service - LSB: Starts and stops the Nessus
   Loaded: loaded (/etc/init.d/nessusd; generated; vendor preset: disabled)
   Active: active (running) since Tue 2017-10-31 20:21:12 +03; 3s ago
     Docs: man:systemd-sysv-generator(8)
  Process: 23121 ExecStart=/etc/init.d/nessusd start (code=exited, status=0/SUCC
    Tasks: 26 (limit: 4915)
   CGroup: /system.slice/nessusd.service
           ├─23123 /opt/nessus/sbin/nessus-service -D -q
           └─23124 nessusd -q

Oct 31 20:21:12 bl4ck systemd[1]: Starting LSB: Starts and stops the Nessus...
Oct 31 20:21:12 bl4ck systemd[1]: Started LSB: Starts and stops the Nessus.
Oct 31 20:21:13 bl4ck nessusd[23121]: Starting Nessus : .
bl4ck@bl4ck:~/Downloads$
```

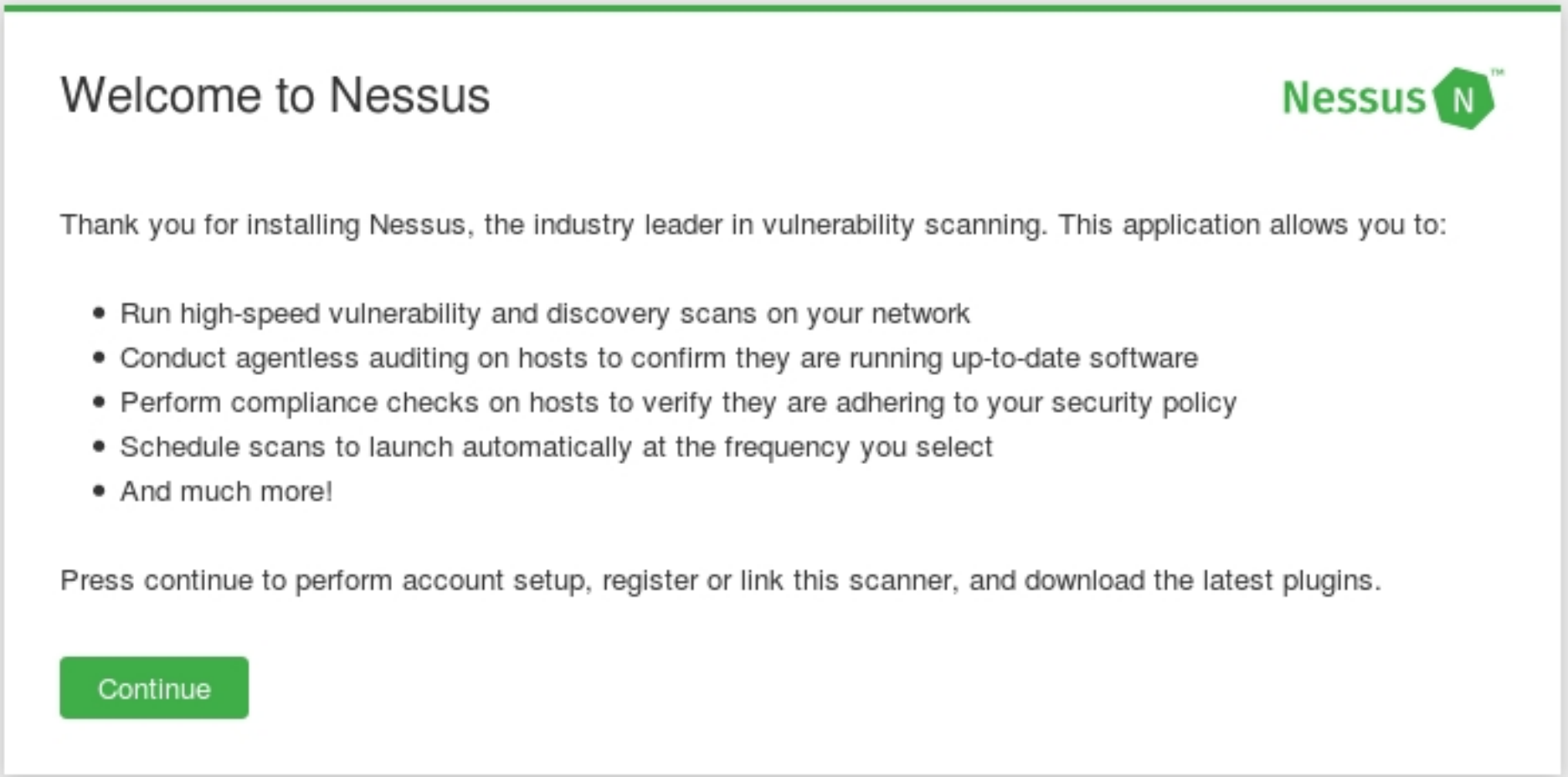
Nessus Vulnerability Scanner Kurulum

https://bl4ck:8834/#/

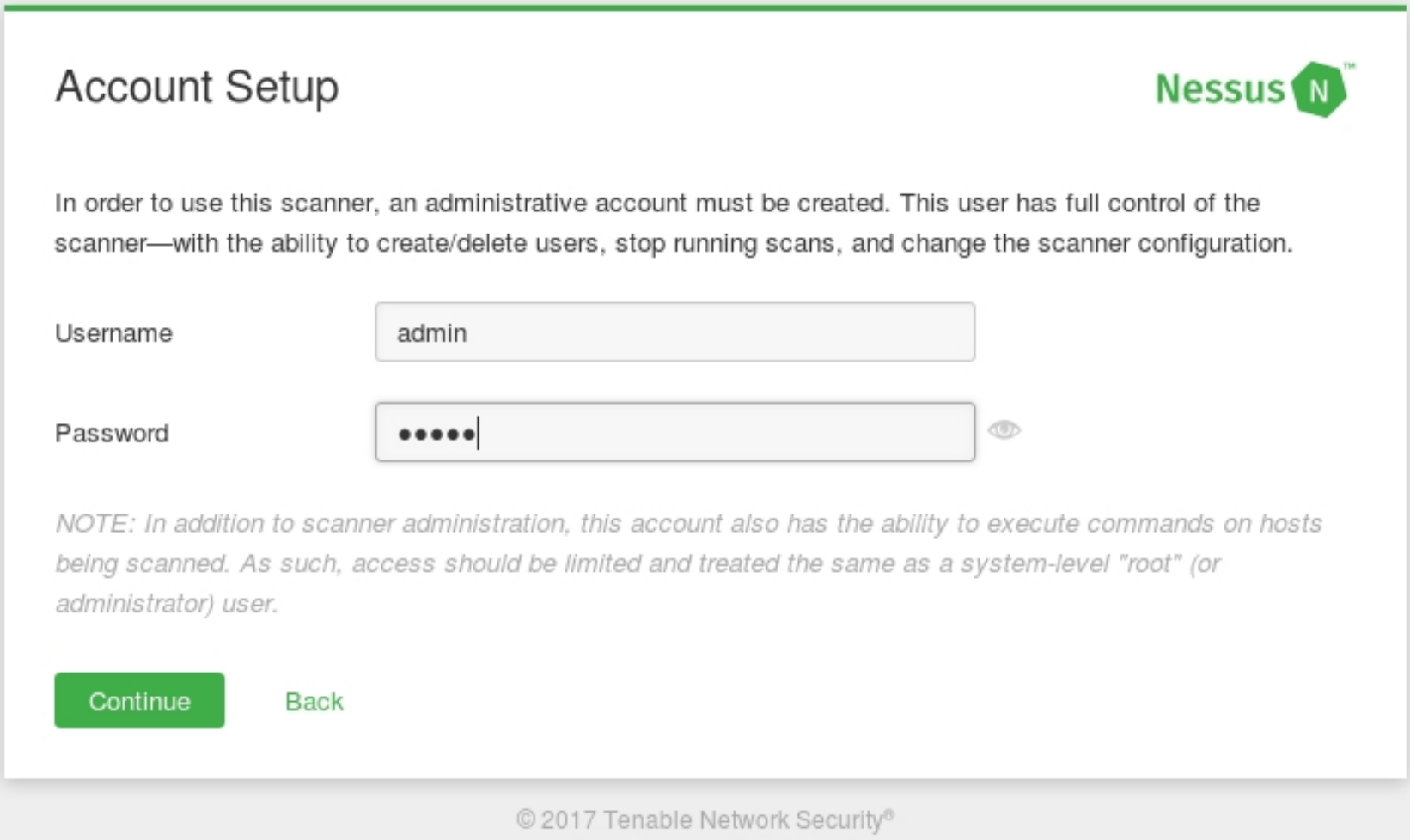
https://127.0.0.1:8834/#/

https://localhost:8834/#/

Nessus Vulnerability Scanner Kurulum

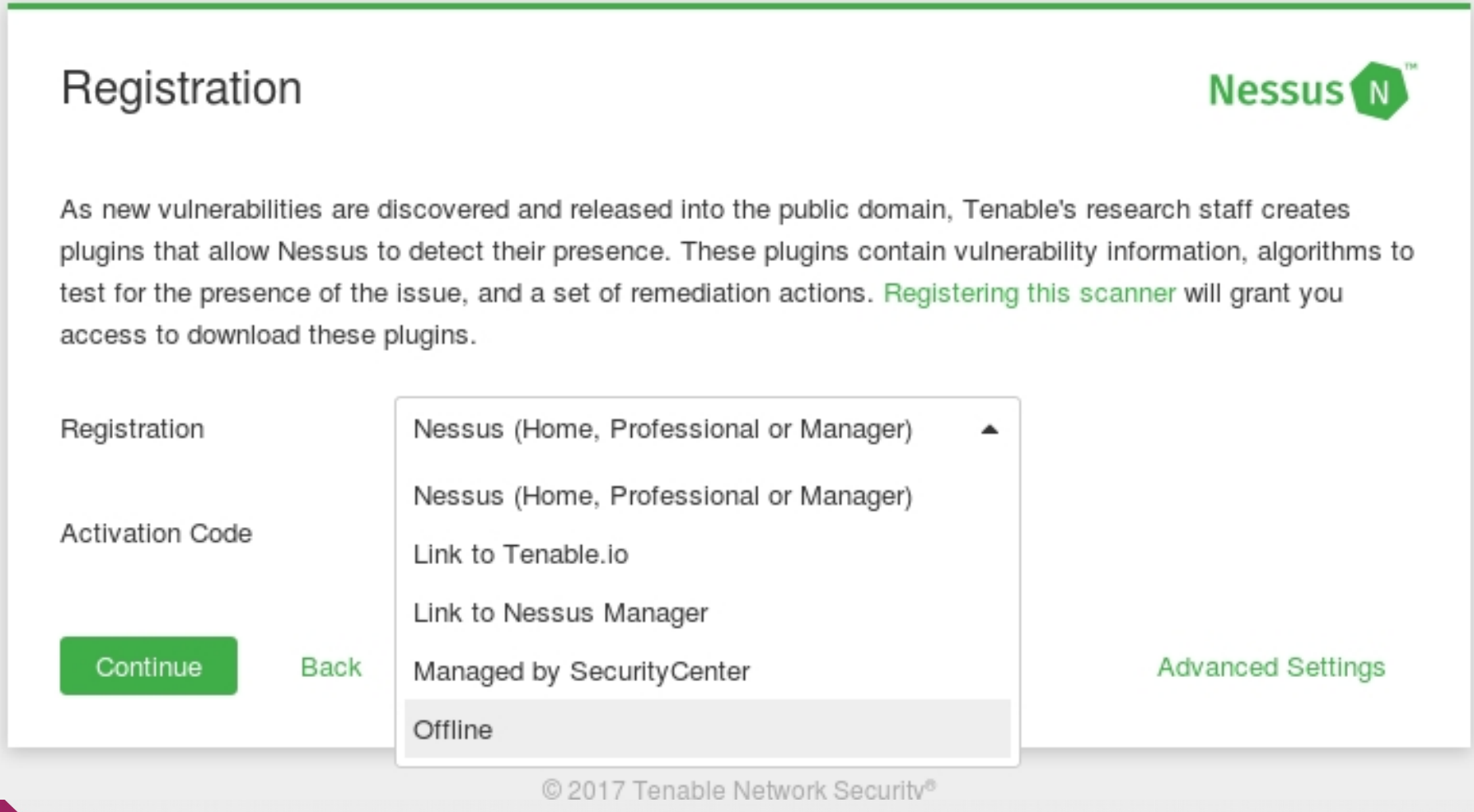


Nessus Vulnerability Scanner Kurulum



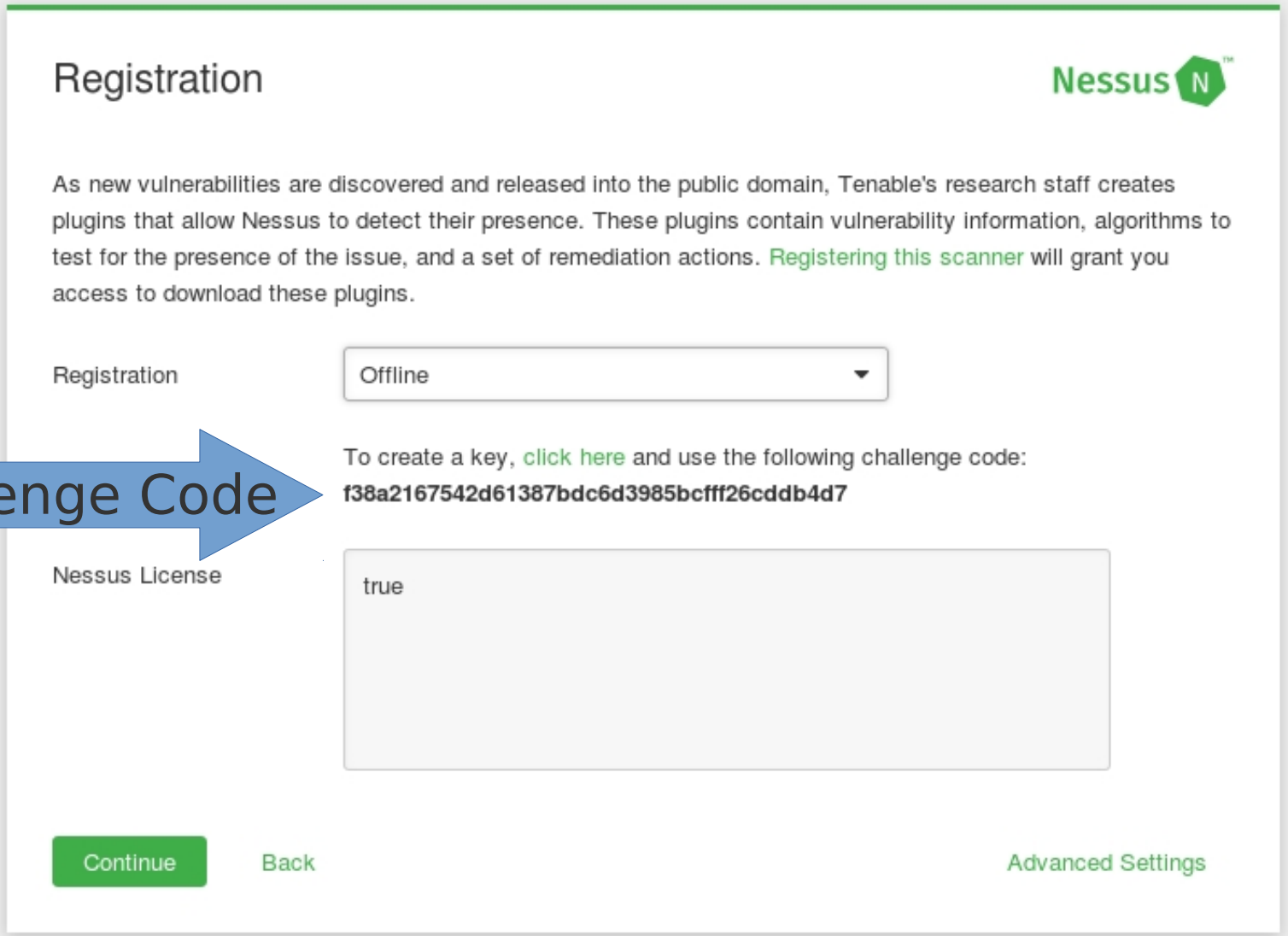
Kullanıcı Adı ve Parola Belirliyoruz

Nessus Vulnerability Scanner Kurulum

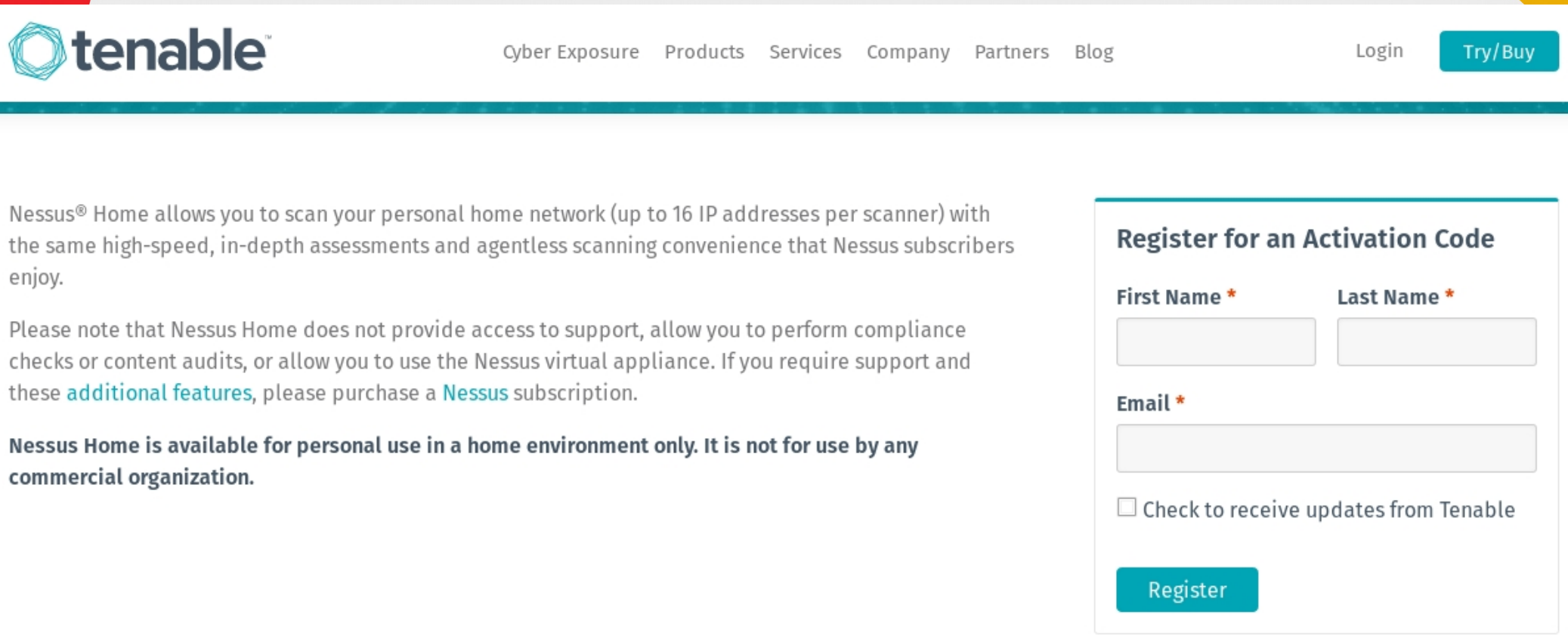


Offline Mod

Nessus Vulnerability Scanner Kurulum



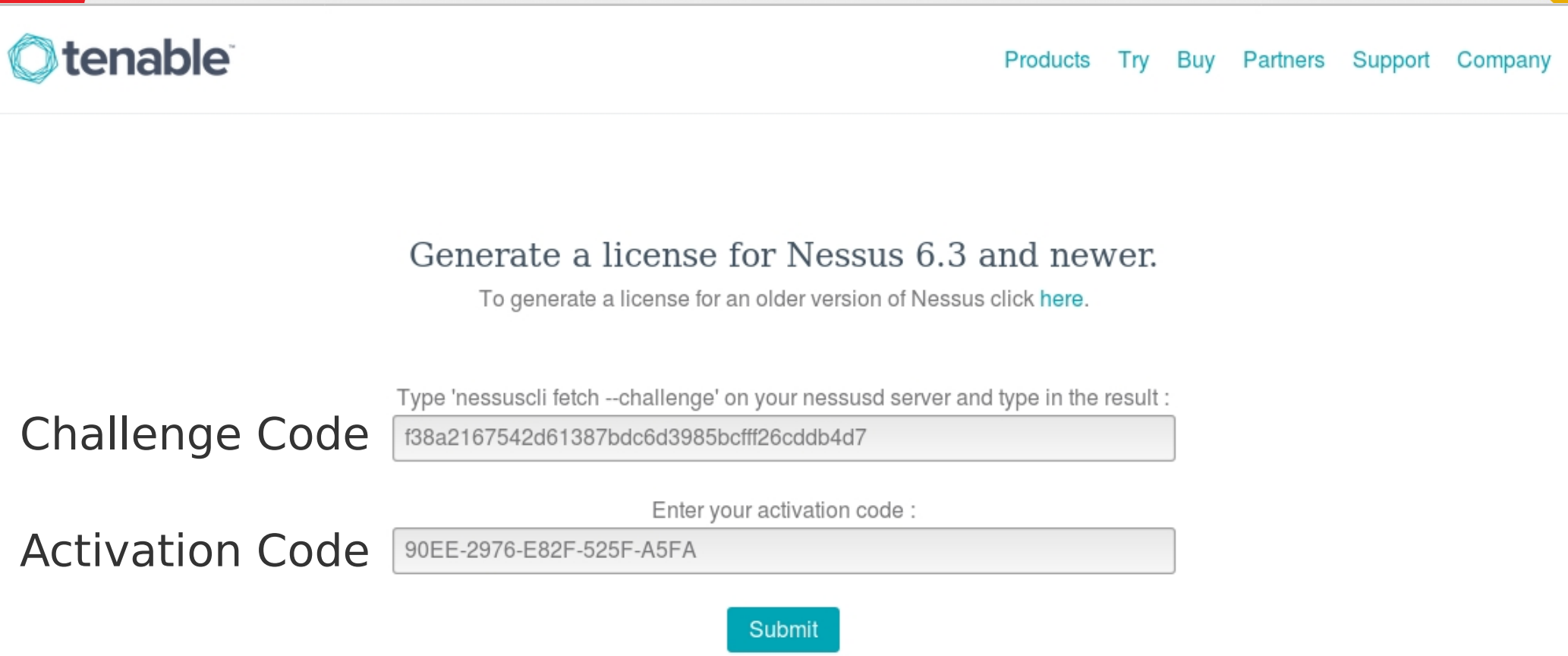
Nessus Vulnerability Scanner Kurulum



Aktivasyon Kodunun Gelmesi İçin Üye Oluyoruz

https://www.tenable.com/products/nessus-home

Nessus Vulnerability Scanner Kurulum



Challenge Code

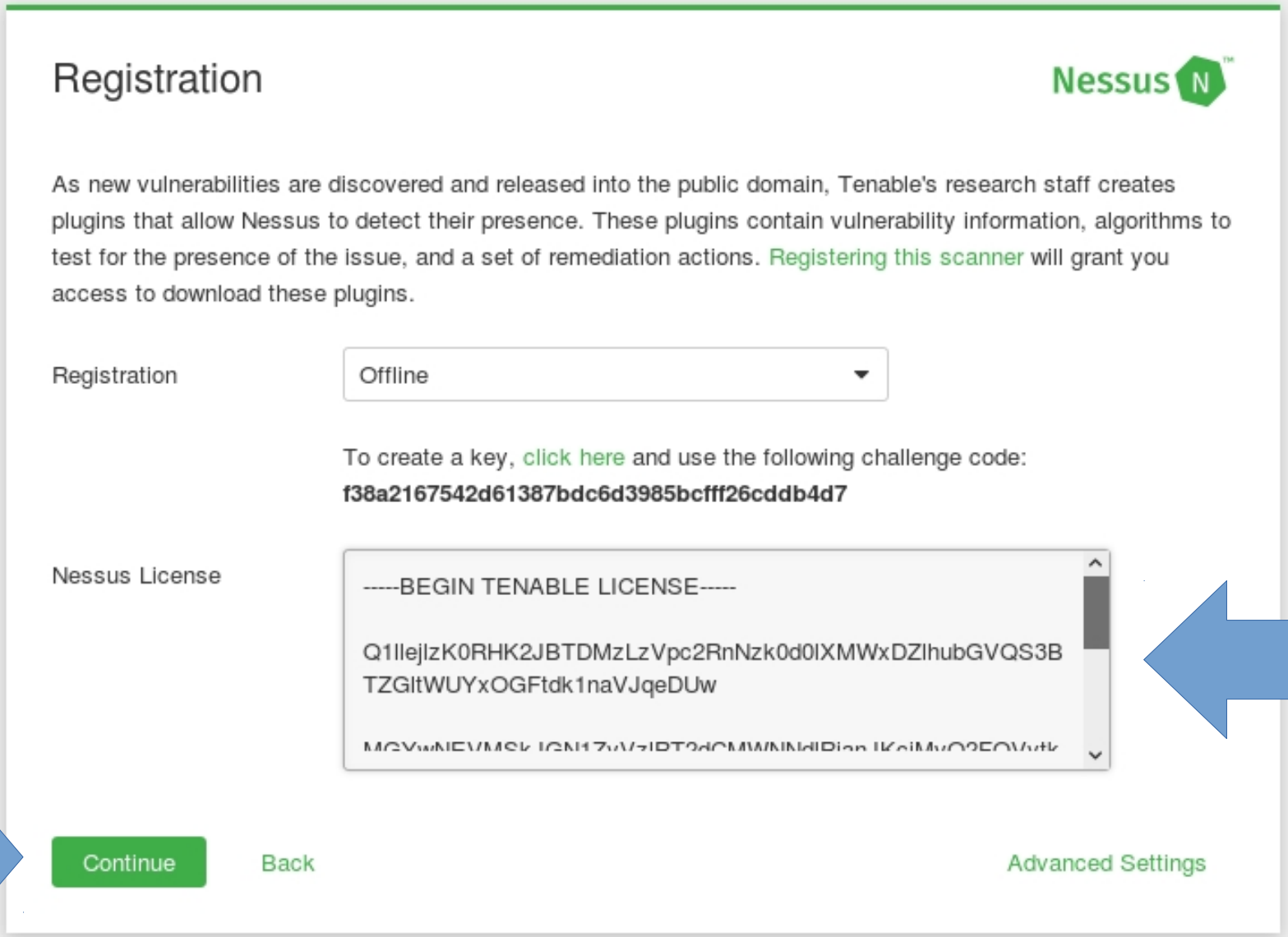
Activation Code

https://plugins.nessus.org/v2/offline.php

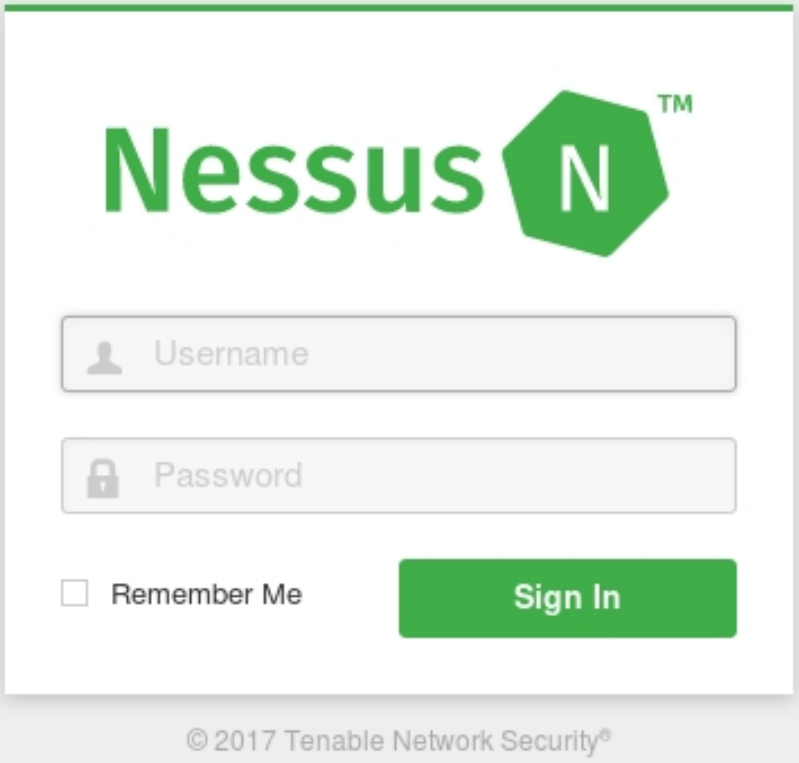
Nessus Vulnerability Scanner Kurulum

```
-----BEGIN TENABLE LICENSE-----
Q1llejlzK0RHK2JBTDMzLzVpc2RnNzk0d0lXMWxDZlhubGVQS3BTZGltWUYxOGFtdk1naVJqeDUw
MGYwNEVMSkJGN1ZyVzlRT2dCMWNNdlRianJKcjMvQ2FQVytkK0hoSkh0Z280S3JSbndoa0RNV3J3
S002SmJuR1BkZHFqRmtpZWhaUHMrNmJLcTYxa1cxTVhzQTVSVDd3QlI1SkFJREpCakxyVE0zK05H
NlZPYVQ4UDAxTytEc3h5dWF0UDE0aHEyNHliQ294Y3ZMNjJlOEZFVXdZTmZsczdpdERnSDNKS1ly
QU03cE5KTzhMUU92NGRKZkxwbzFYcmZjazdWSVdNVU52RmZqOVJHRTNveElnaTNKZTFiUXp6N1Vn
Q2VJcVpPdlh5M1E2bEZTZDhDdHRUcGVmUCtSRlRkOGx2NlNWQm4vNXpaWDJlS1BXWVVETmxKd29w
UTlpTDYwTnRUOFUvVXhLKzNaenBLdzRGV0prYU1DVWFhS2crU093YzBpZEdCd2FIQ3A0S2dsb1E1
VVYxSWg3SVZIa2hPT0xsL2VlN0xSL1J0WDV0blNHUUJ2c083MFcxWXdrdVpja1I1ZEg4clVvRm5q
SE4vdjhoMnVLMmlaN0trNXFTZVVrNkY5bi9IOUFsR21PY09ka3VvTXFna0xzSWpsSWFjUm5Oc2NW
dmxQYlRWNzNGWXg0STBVY3ROc3BrVnJGRnNsN0hhSytHdGQxUGJONjNIUXlaM3ErTFo5clpKOEhD
ZXU4aS8vQTBvS1JMQ3hudXJHV3BnQ1Z2UHh2QmJramdwczRPRkxkeW9Lekx4dzAzbC9UaDEyT2xS
aitDckY2RzhJU01vR1JGa3hlcTVGZGFURk45OVFMWnp2NDFGZ1VaWnJTTFpiRjMxTnduUXBHUEE9
DQp7ImFjdGl2YXRpb25fY29kZSI6IjkwRUUtMjk3Ni1FODJGLTUyNUYtQTVGQSIsInVwZGF0ZV9w
YXNzd29yZCI6IjM2MGM0ZWFlNDE0ODViYTM4ZjgyMTdhMDY1Nzc4Zjg0IiwibmFtZSI6Ik5lc3N1
cyBIb21lIiwidXBkYXRlX3VybCI6Imh0dHBzOi8vcGx1Z2lucy5uZXNzdXMub3JnL3YyL25lc3N1
cy5waHAiLCJ0eXBlIjoiaG9tZSIsImV4cGlyYXRpb25fZGF0ZSI6MTY2NzE1Mjk5MSwidXBkYXRl
X2xvZ2luIjoiNWEyMDExMzVjYzQ3ZDU2ZmY4ODU1ODFhNzUzNGI2YWYiLCJkcm0iOiIzMGY2YTBm
YmU1ZDYxYTdjNjYyMjM4NDg4NTYwMmU3OCJ9
-----END TENABLE LICENSE-----
```

Nessus Vulnerability Scanner Kurulum

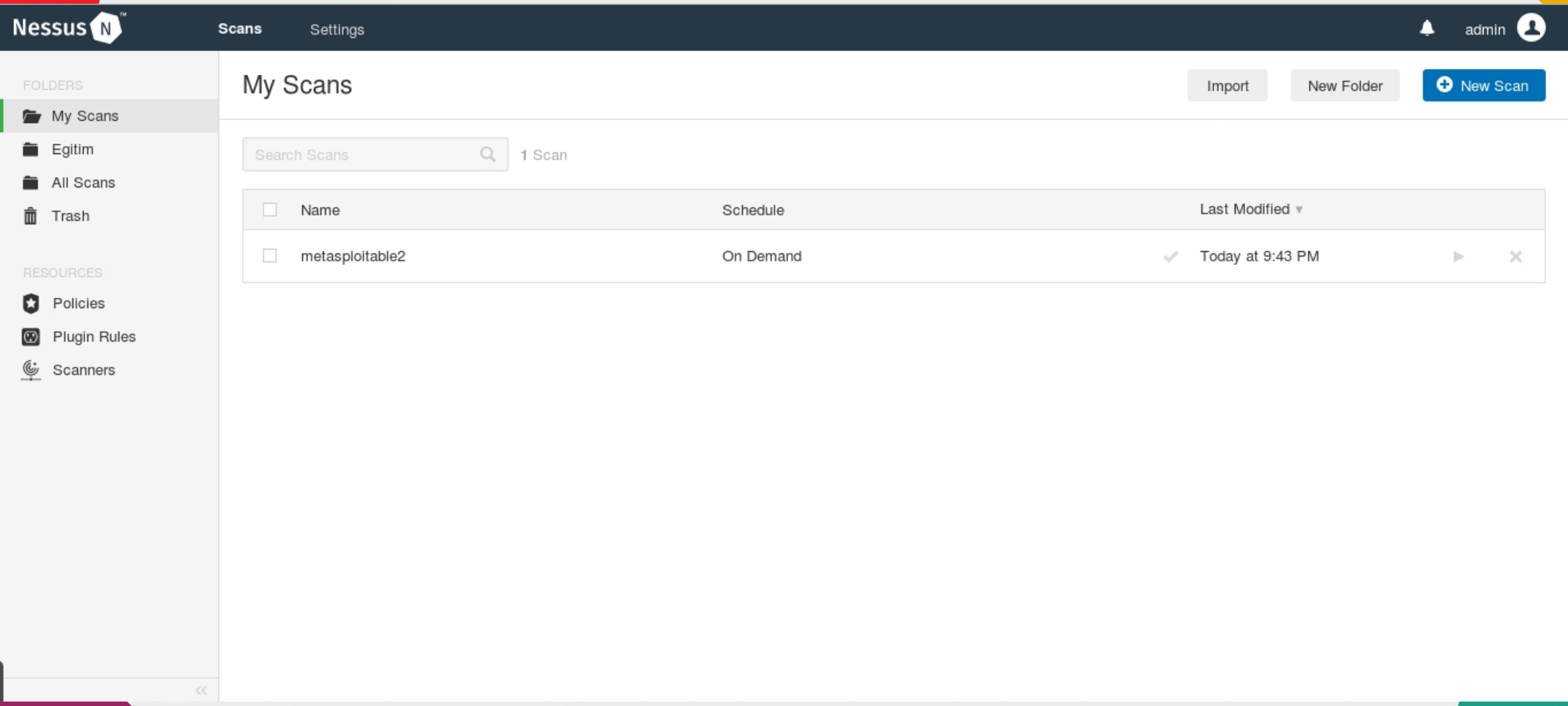


Nessus Vulnerability Scanner Kurulum



Kurulum Tamamlandı

Nessus Vulnerability Scanner



Nessus Vulnerability Scanner Servisinin Durdurulması

```
bl4ck@bl4ck:~/Downloads$ sudo service nessusd stop
bl4ck@bl4ck:~/Downloads$ sudo service nessusd status
● nessusd.service - LSB: Starts and stops the Nessus
   Loaded: loaded (/etc/init.d/nessusd; generated; vendor preset: disabled)
   Active: inactive (dead)
     Docs: man:systemd-sysv-generator(8)

Oct 31 20:21:12 bl4ck systemd[1]: Starting LSB: Starts and stops the Nessus...
Oct 31 20:21:12 bl4ck systemd[1]: Started LSB: Starts and stops the Nessus.
Oct 31 20:21:13 bl4ck nessusd[23121]: Starting Nessus : .
Oct 31 20:26:57 bl4ck systemd[1]: Stopping LSB: Starts and stops the Nessus...
Oct 31 20:26:57 bl4ck nessusd[24303]: Shutting down Nessus : .
Oct 31 20:26:57 bl4ck systemd[1]: Stopped LSB: Starts and stops the Nessus.
bl4ck@bl4ck:~/Downloads$
```

OpenVAS - Open Vulnerability Assessment System Kurulum

```
bl4ck@bl4ck:~$ sudo apt-get install openvas
[sudo] password for bl4ck:
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  doc-base fonts-texgyre greenbone-security-assistant greenbone-security-assistant-common icc-profiles icc
  libuuid-perl libyaml-tiny-perl openvas-cli openvas-manager openvas-manager-common openvas-scanner previe
  tex-gyre texlive-fonts-recommended texlive-fonts-recommended-doc texlive-latex-extra texlive-latex-extra
  texlive-latex-recommended-doc texlive-pictures texlive-pictures-doc texlive-plain-generic tipa
Suggested packages:
  openvas-client pnscan strobe ruby-redis libfile-which-perl libspreadsheet-parseexcel-perl texlive-pstric
  | libtcltk-ruby
The following NEW packages will be installed:
  doc-base fonts-texgyre greenbone-security-assistant greenbone-security-assistant-common icc-profiles icc
  libuuid-perl libyaml-tiny-perl openvas openvas-cli openvas-manager openvas-manager-common openvas-scanne
  redis-tools tex-gyre texlive-fonts-recommended texlive-fonts-recommended-doc texlive-latex-extra texlive
  texlive-latex-recommended-doc texlive-pictures texlive-pictures-doc texlive-plain-generic tipa
0 upgraded, 29 newly installed, 0 to remove and 4 not upgraded.
Need to get 691 MB of archives.
After this operation, 1,045 MB of additional disk space will be used.
```

Uzun Sürer

OpenVAS - Open Vulnerability Assessment System Kurulum

```
bl4ck@bl4ck:~$ sudo openvas-setup
[sudo] password for bl4ck:
ERROR: Directory for keys (/var/lib/openvas/private/CA) not found!
ERROR: Directory for certificates (/var/lib/openvas/CA) not found!
ERROR: CA key not found in /var/lib/openvas/private/CA/cakey.pem
ERROR: CA certificate not found in /var/lib/openvas/CA/cacert.pem
ERROR: CA certificate failed verification, see /tmp/tmp.5zxk98HyjO/openvas-manage-certs.log for details. Aborting.

ERROR: Your OpenVAS certificate infrastructure did NOT pass validation.
       See messages above for details.
Generated private key in /tmp/tmp.mz7RbKkIT6/cakey.pem.
Generated self signed certificate in /tmp/tmp.mz7RbKkIT6/cacert.pem.
Installed private key to /var/lib/openvas/private/CA/cakey.pem.
Installed certificate to /var/lib/openvas/CA/cacert.pem.
Generated private key in /tmp/tmp.mz7RbKkIT6/serverkey.pem.
Generated certificate request in /tmp/tmp.mz7RbKkIT6/serverrequest.pem.
Signed certificate request in /tmp/tmp.mz7RbKkIT6/serverrequest.pem with CA certificate in /var/lib/openvas/CA/cacert.
tmp/tmp.mz7RbKkIT6/servercert.pem
Installed private key to /var/lib/openvas/private/CA/serverkey.pem.
Installed certificate to /var/lib/openvas/CA/servercert.pem.
Generated private key in /tmp/tmp.mz7RbKkIT6/clientkey.pem.
Generated certificate request in /tmp/tmp.mz7RbKkIT6/clientrequest.pem.
Signed certificate request in /tmp/tmp.mz7RbKkIT6/clientrequest.pem with CA certificate in /var/lib/openvas/CA/cacert.
tmp/tmp.mz7RbKkIT6/clientcert.pem
Installed private key to /var/lib/openvas/private/CA/clientkey.pem.
Installed certificate to /var/lib/openvas/CA/clientcert.pem.
Removing temporary directory /tmp/tmp.mz7RbKkIT6.
--2017-10-31 23:11:18--  http://dl.greenbone.net/community-nvt-feed-current.tar.bz2
Resolving dl.greenbone.net (dl.greenbone.net)... 89.146.224.58, 2a01:130:2000:127::d1
Connecting to dl.greenbone.net (dl.greenbone.net)|89.146.224.58|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 35074167 (33M) [application/octet-stream]
Saving to: '/tmp/greenbone-nvt-sync.6abeS6oVav/openvas-feed-2017-10-31-14925.tar.bz2'
```

OpenVAS - Open Vulnerability Assessment System Kurulum

```
sha1sums
          2,002 100%    3.04kB/s    0:00:00 (xfr#33, to-chk=4/38)
sha256sums
          2,818 100%    4.28kB/s    0:00:00 (xfr#34, to-chk=3/38)
sha256sums.asc
            181 100%    0.27kB/s    0:00:00 (xfr#35, to-chk=2/38)
timestamp
             13 100%    0.02kB/s    0:00:00 (xfr#36, to-chk=1/38)
timestamp.asc
            181 100%    0.27kB/s    0:00:00 (xfr#37, to-chk=0/38)

sent 757 bytes  received 41,395,925 bytes  399,967.94 bytes/sec
total size is 41,383,350  speedup is 1.00
/usr/sbin/openvasmd
User created with password 'd360b666-4d28-42c3-a1b8-438e1d351b65'.
```

OpenVAS - Open Vulnerability Assessment System

```
bl4ck@bl4ck:~$ sudo openvas-start
Starting OpenVas Services
```

```
bl4ck@bl4ck:~$ sudo service openvas-scanner status
● openvas-scanner.service - Open Vulnerability Assessment System Scanner Daemon
   Loaded: loaded (/lib/systemd/system/openvas-scanner.service; disabled; vendor preset: disabled)
   Active: active (running) since Wed 2017-11-01 00:08:01 +03; 31min ago
     Docs: man:openvassd(8)
           http://www.openvas.org/
  Process: 18100 ExecStart=/usr/sbin/openvassd --unix-socket=/var/run/openvassd.sock (code=exited, status=0/SUCCESS)
 Main PID: 18101 (openvassd)
    Tasks: 1 (limit: 4915)
   CGroup: /system.slice/openvas-scanner.service
           └─18101 openvassd: Waiting for incoming connections

Nov 01 00:08:00 bl4ck systemd[1]: Starting Open Vulnerability Assessment System Scanner Daemon...
Nov 01 00:08:01 bl4ck systemd[1]: Started Open Vulnerability Assessment System Scanner Daemon.
```

OpenVAS - Open Vulnerability Assessment System

https://127.0.0.1:9392

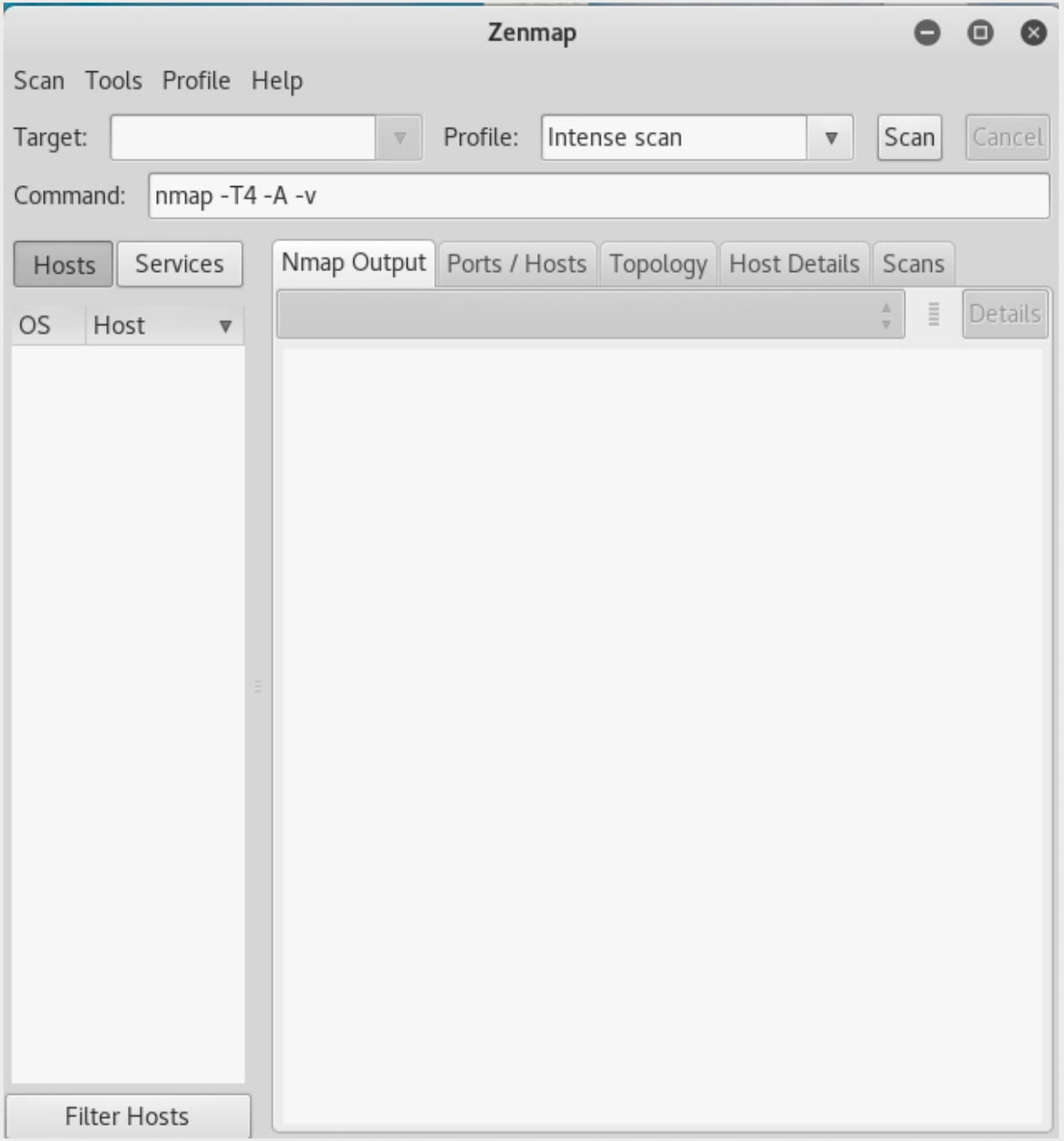
https://localhost:9392

OpenVAS - Open Vulnerability Assessment System

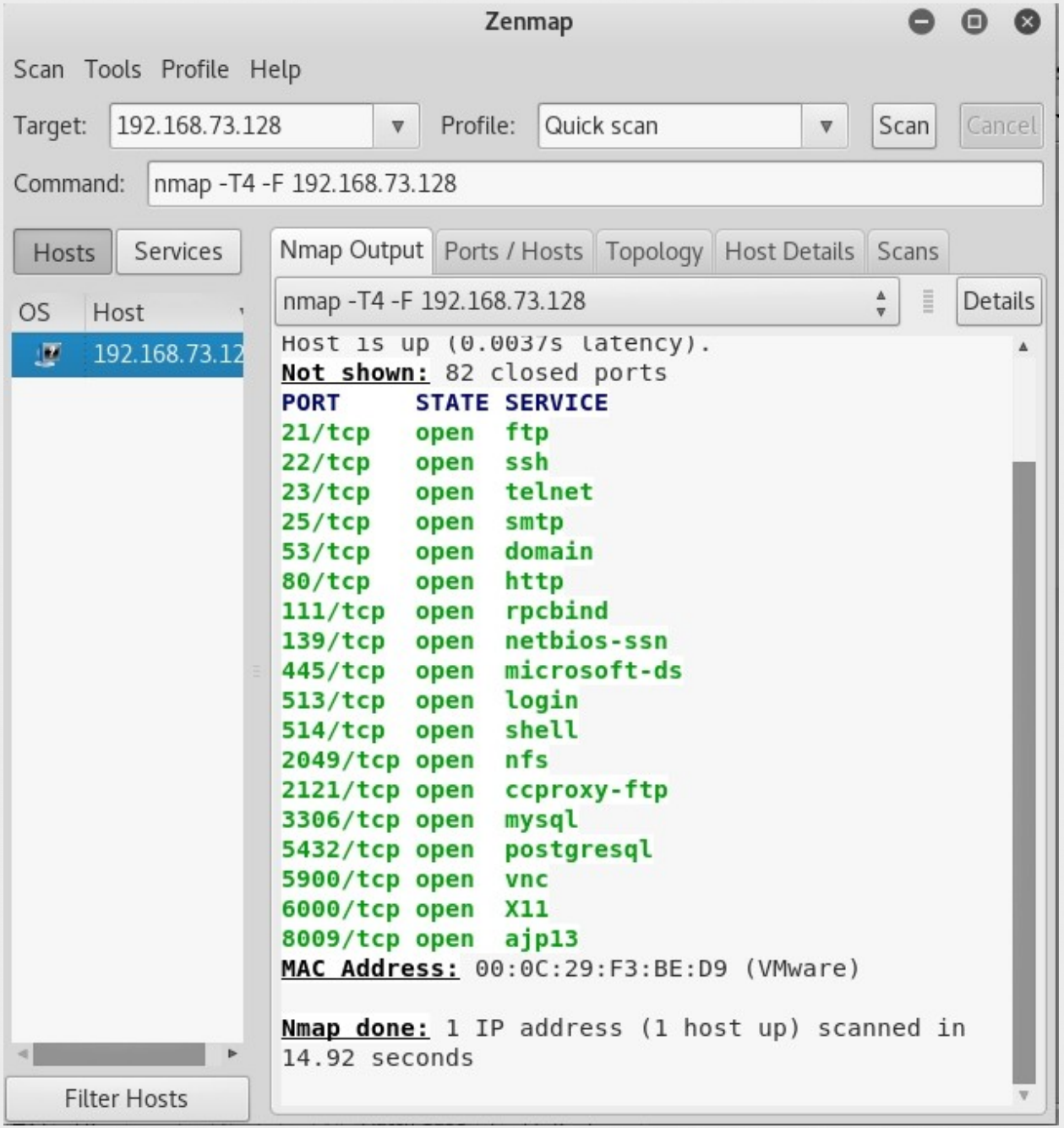
OpenVAS - Open Vulnerability Assessment System

Sistem tarafından oluşturulan ilk parola ile giriş yapılır

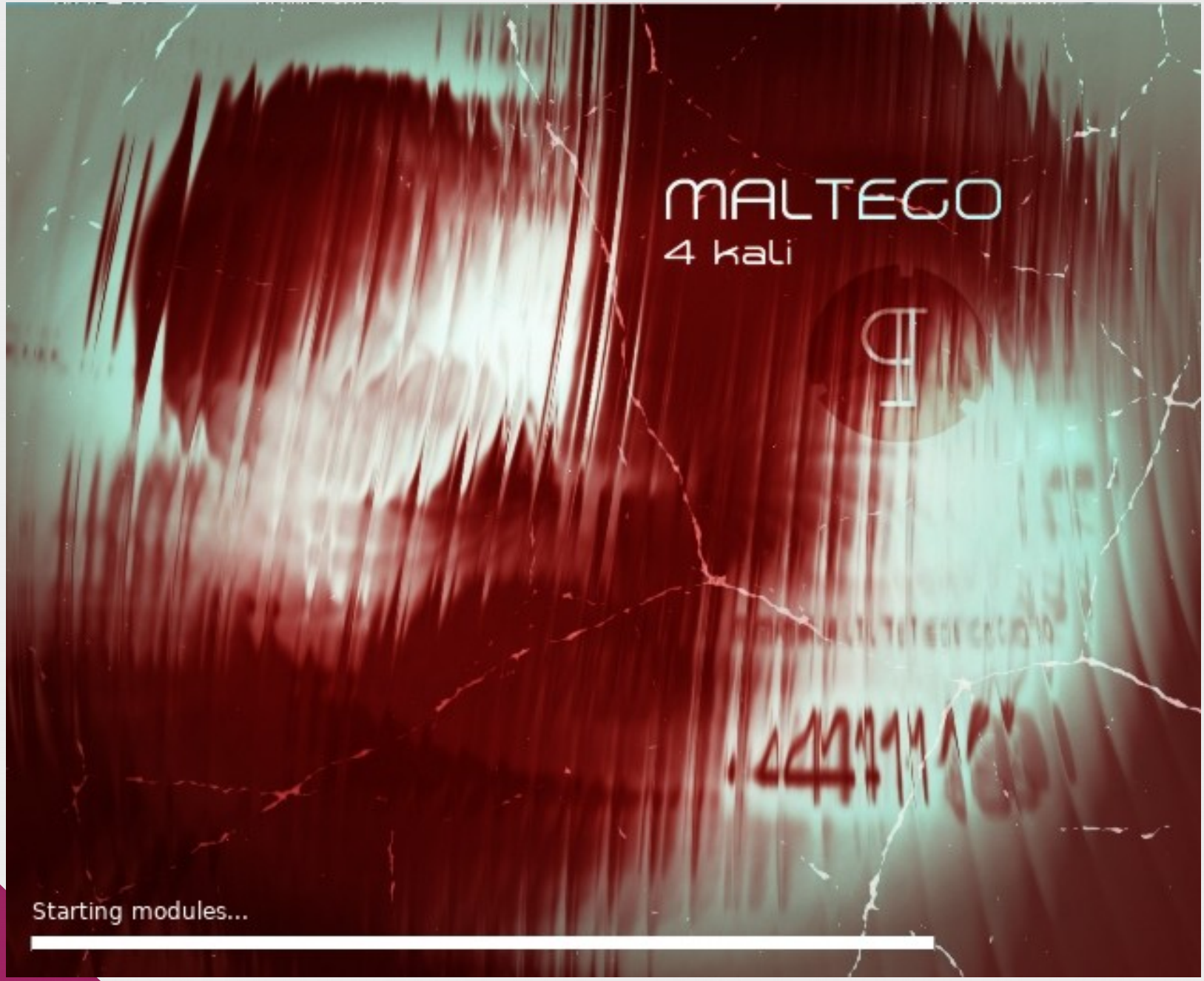
Zenmap


Zenmap
Scan Tools Profile Help
Target:
Profile:
Intense scan
Scan
Cancel
Command:
nmap -T4 -A -v
Hosts
Services
OS
Host
Nmap Output
Ports / Hosts
Topology
Host Details
Scans
Details
Filter Hosts

Zenmap

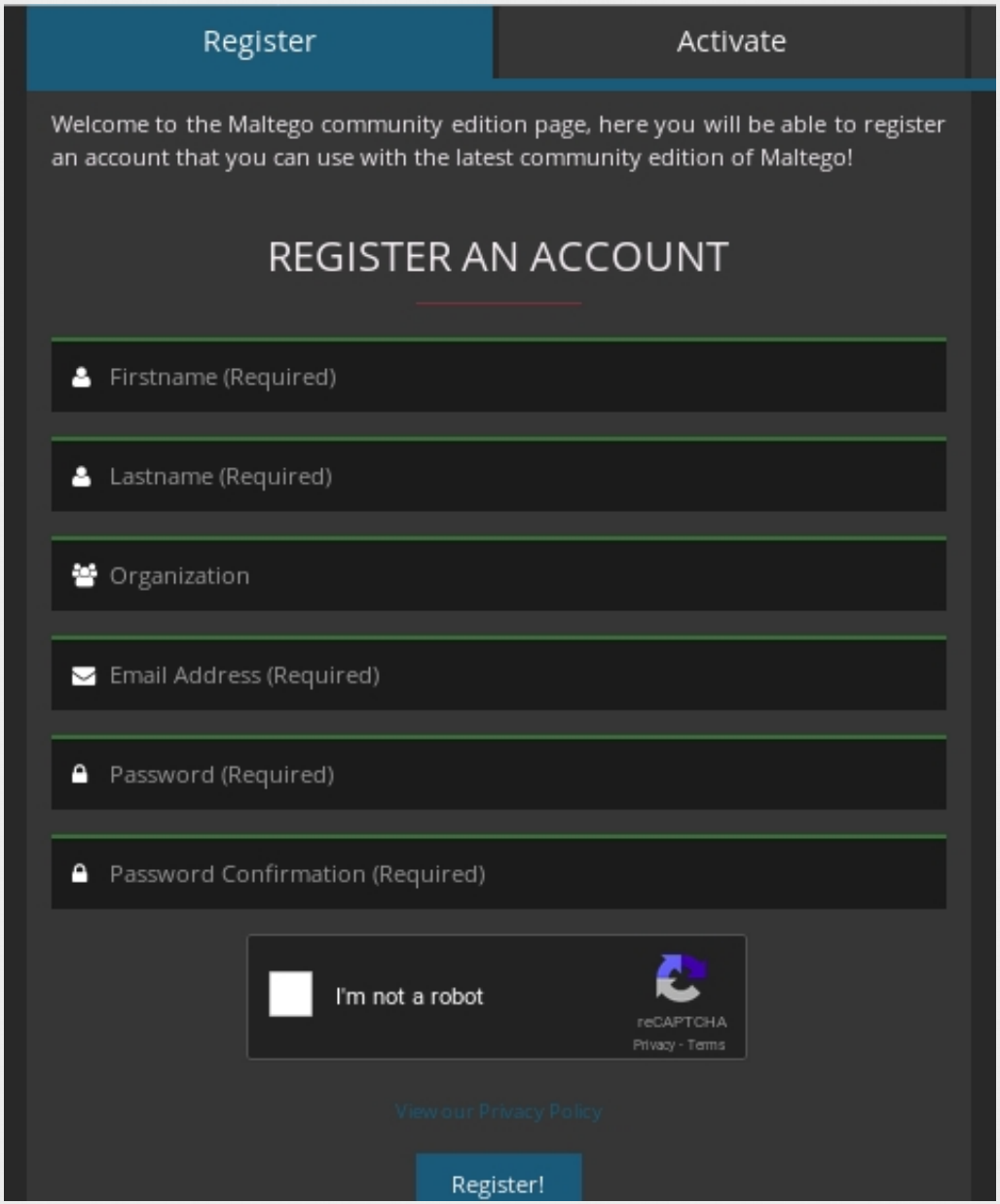

Zenmap
Scan Tools Profile Help
Target: 192.168.73.128
Profile: Quick scan
Scan
Cancel
Command: nmap -T4 -F 192.168.73.128
Hosts
Services
OS
Host
192.168.73.12
Filter Hosts
Nmap Output
Ports / Hosts
Topology
Host Details
Scans
nmap -T4 -F 192.168.73.128
Details
Host is up (0.0037s latency).
Not shown: 82 closed ports
PORT STATE SERVICE
21/tcp open ftp
22/tcp open ssh
23/tcp open telnet
25/tcp open smtp
53/tcp open domain
80/tcp open http
111/tcp open rpcbind
139/tcp open netbios-ssn
445/tcp open microsoft-ds
513/tcp open login
514/tcp open shell
2049/tcp open nfs
2121/tcp open ccproxy-ftp
3306/tcp open mysql
5432/tcp open postgresql
5900/tcp open vnc
6000/tcp open X11
8009/tcp open ajp13
MAC Address: 00:0C:29:F3:BE:D9 (VMware)
Nmap done: 1 IP address (1 host up) scanned in 14.92 seconds

Maltego

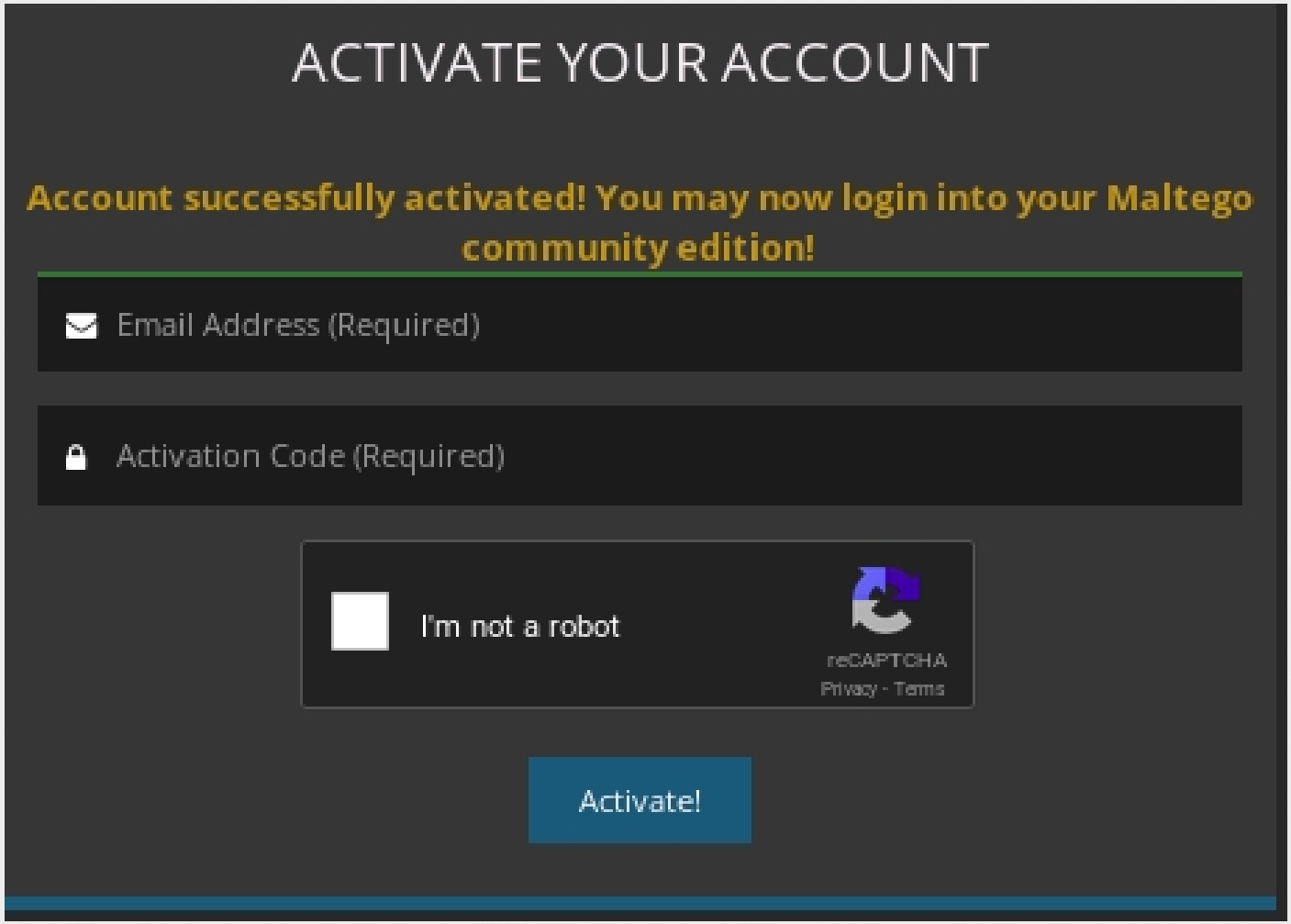


Maltego

https://www.paterva.com/web7/community/community.php



Maltego


ACTIVATE YOUR ACCOUNT
Account successfully activated! You may now login into your Maltego community edition!
Email Address (Required)
Activation Code (Required)
I'm not a robot
reCAPTCHA
Privacy - Terms
Activate!