## Preforming Vulnerability scan on Metasploitable-2

1. Install Metasploitable-2 from the sourceforge.ne

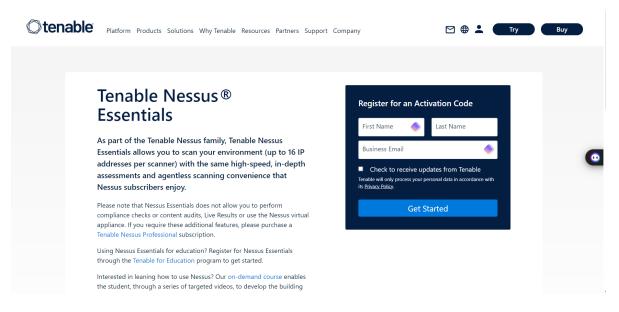
Link: <a href="https://sourceforge.net/projects/metasploitable/">https://sourceforge.net/projects/metasploitable/</a>

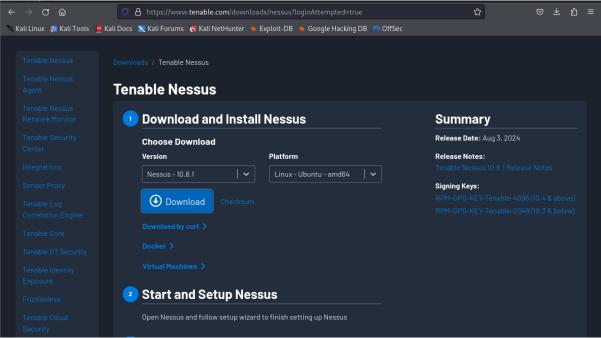
2. Install Kali Linux from official website

Link: https://www.kali.org/get-kali/#kali-platforms

3. Install the Nessus scanner on Kali Linux

Link: https://www.tenable.com/products/nessus/nessus-essentials





- Open Shell in Kali Linux and move to Downloads directory cd Downloads
- 5. Download package of Nessus

sudo dpkg -i Nessus-10.8.1-debian10\_amd64.deb

```
File Actions Edit View Help

(kali@kali)-[~]

$ cid Downloads

(kali@kali)-[~Downloads]

$ sudo qhkg -1 Messus-10.8.1-debian10_amd64.deb

[sudo] password for kali:

$ selecting previously unselected package nessus.

(Reading database ... 391803 files and directories currently installed.)

Preparing to unpack Nessus-10.8.1-debian10_amd64.deb ...

Unpacking nessus (10.8.1) ...

HMAC : (Module_Integrity) Pass

$HA1 : (kAT_Digest) : Pass

$HA2 : (kAT_Digest) : Pass

$HA2 : (kAT_Digest) : Pass

$HA3 : (kAT_Digest) : Pass

$HA3 : (kAT_Cipher) : Pass

$E.S.G.M. : (kAT_Cipher) : Pass

$AES_G.M. : (kAT_Cipher) : Pass

$AES_G.M.
```

6. Start Nessus in the system

systemctl start nessusd

7. Visit the URL given on the command of the download package

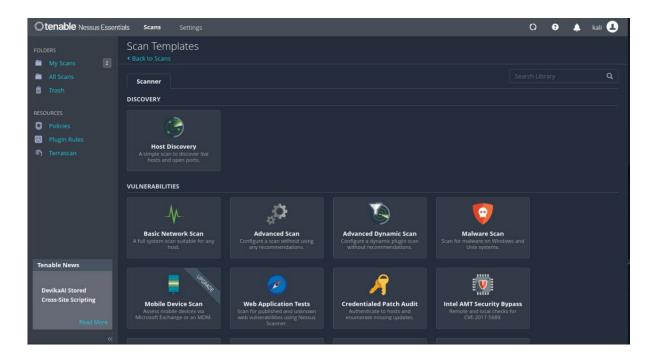


8. Create account or enter the code sent to your email earlier.

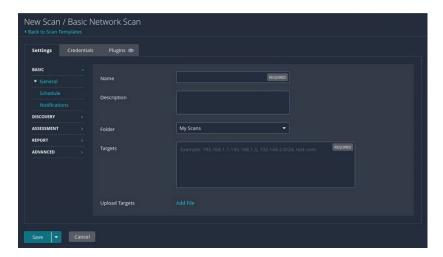


9. While the Nessus is installing get the IP address of the Metaspolitable-2 system

10. Press "New Scan" -> press "Basic Network Scan".



11. Enter the details and the IP of machine you want to run a scan on.



12. Once the scan is complete you can download the report and also look at at the vulnerabilities.

