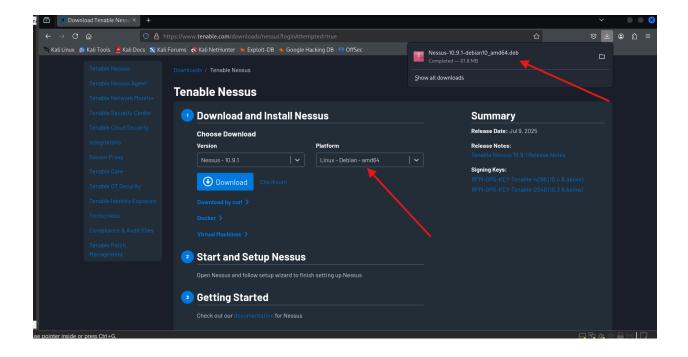
Task 6

(6) Installing and Configuring Nessus on Kali Linux:

☑ Step 1: Download Nessus

- 1-Go to the official Nessus download page:
- https://www.tenable.com/downloads/nessus
- 2-Under the Linux section, choose Debian (because Kali is Debian-based).
- 3-Click **Download** and wait for the . deb file to finish downloading.

Example file name: Nessus-10.9.1-debian10_amd64.deb



☑ Step 2: Install Nessus:

Once the file is downloaded, open your terminal and run:

☑ Step 3: Start Nessus Service:

To start the Nessus service, use:

To check if Nessus is running, use:

You should see something like active (running) in green.

Step 4: Get Activation Code (Registration):

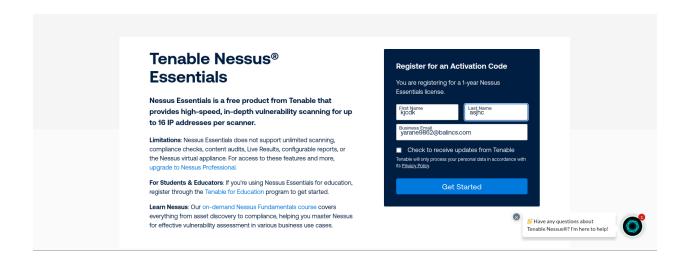
1-Go to the Nessus Essentials registration page:

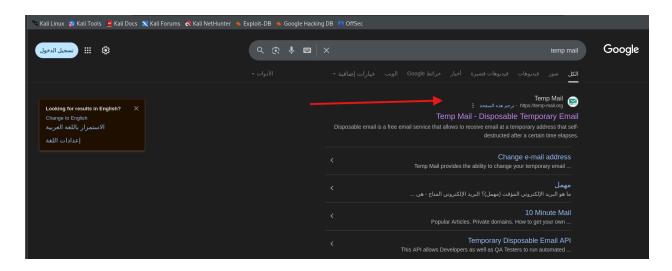
- https://www.tenable.com/products/nessus/nessus-essentials
- * This page asks for a business email. If you don't have one, you can use a temporary email:
- 2- go to <u>https://temp-mail.org</u>

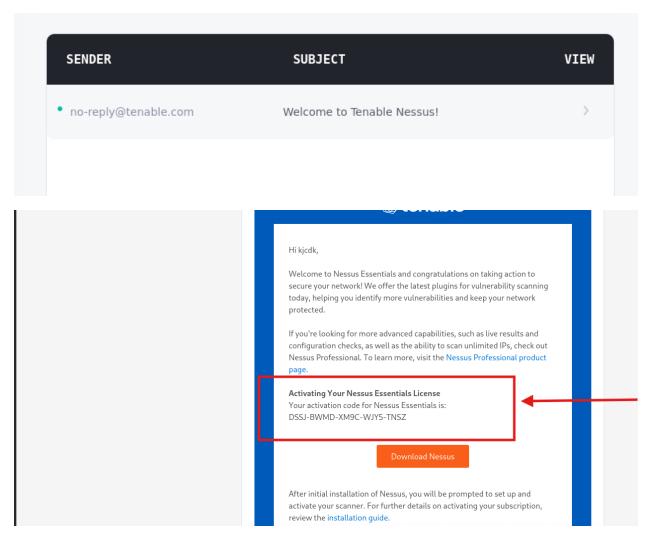
3-Enter the temporary email, then check your inbox at temp-mail.org to find:

"Your activation code for Nessus Essentials"

4-Save this code, you'll use it in the web interface.







Step 5: Access the Nessus Web Interface:

Open your browser and go to:

https://localhost:8834

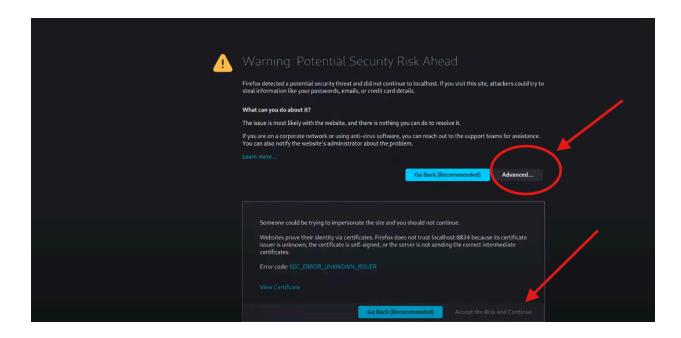
You may get a warning about SSL, click "Advanced" → Proceed anyway.

Choose **Nessus Essentials** as the product.

Enter the **activation code** from earlier.

Create a username and password for your Nessus login.

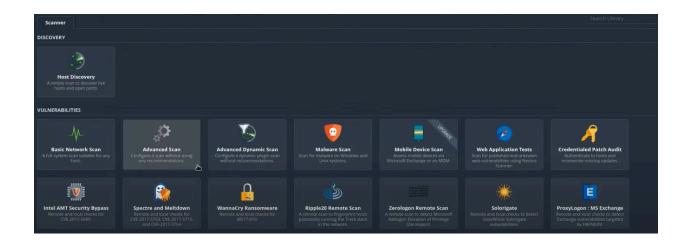
Nessus will now download and configure necessary plugins — this may take 20–40 minutes. Be patient!







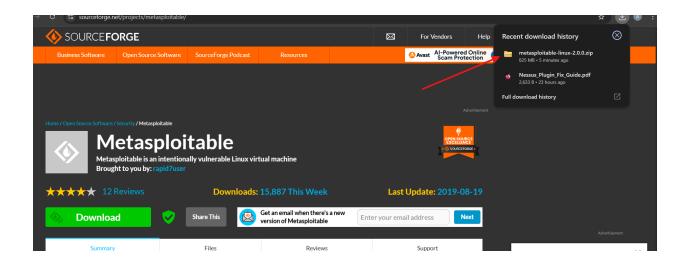




Final Step: Start Scanning and Exploiting Metasploitable2

Step 1: Download Metasploitable2:

- 1-Go to this link to download Metasploitable2:
- https://sourceforge.net/projects/metasploitable/
- 2-After downloading the ZIP file:
 - Extract the VM files.
 - Open the VM using **VMware** or **VirtualBox**.



Step 2: Check the Metasploitable2 IP Address:

Login using:

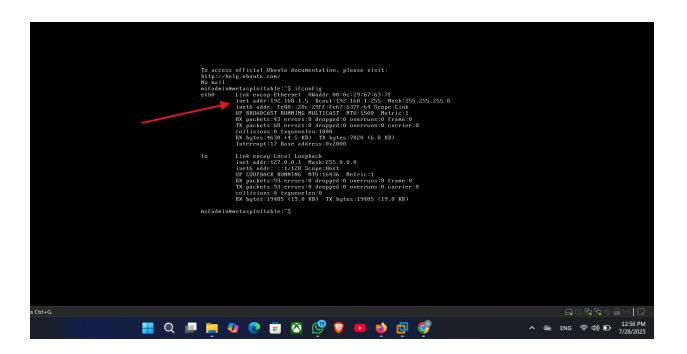
Username: msfadmin
Password: msfadmin

Run this command to get the IP: 👉 ifconfig

Make sure the **IP address** is in the **same subnet** as your Kali Linux machine (e.g., 192.168.x.x).

From Kali, ping the Metasploitable2 machine to confirm it's reachable:

ping <target-ip>



- **☑** Step 3: Start a New Scan:
- 1- Choose Basic Network Scan
- 2- Set the Target IP to the IP of the Metasploitable2 machine

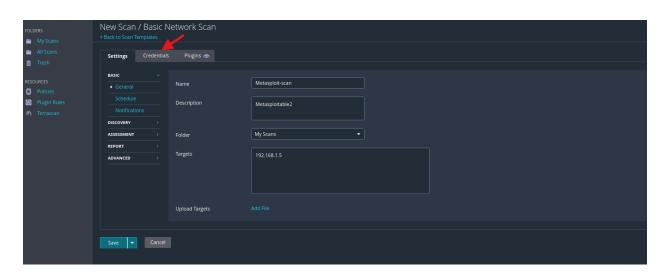
Under **Credentials**:

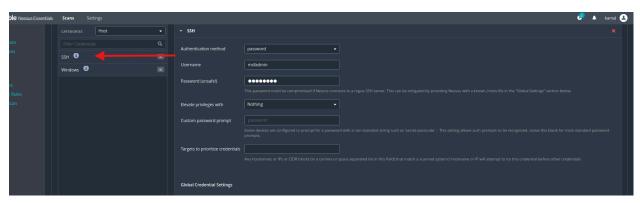
Enter:

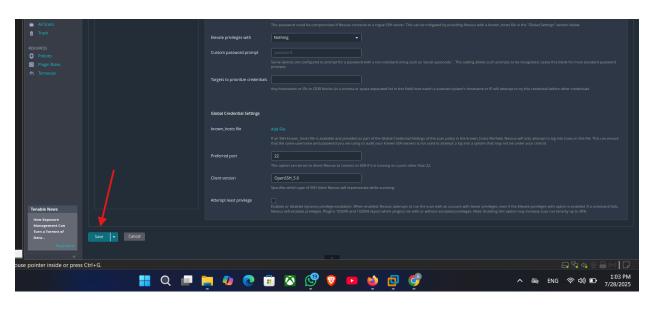
Username: msfadmin

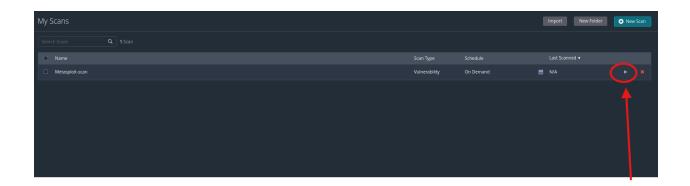
Password: msfadmin

Click Save, then Launch the scan.









Step 4: Identify the Critical Vulnerability:

Once the scan finishes, Nessus will list vulnerabilities.

The VNC server has a weak or default password. Password: password.



Step 5: Exploit the VNC Vulnerability Using Remmina:

Step A: Install Remmina (if not already installed)

👉 sudo apt install remmina -y

Step B: Launch Remmina:

👉 remmina &

```
Calcia Mail 1-1

Sands and install remnina -y

Installing:
remnina-plugin-vec

Installing:
remnina-plugin-vec

Installing:
remnina-plugin-vec

Suggested packages:
remnina-plugin-vec

Suggested packages:
remnina-plugin-vec

Summary;
Upgrading: 0, Installing: 7, Removing: 0, Not Upgrading: 82

Download Size: 1,237 88

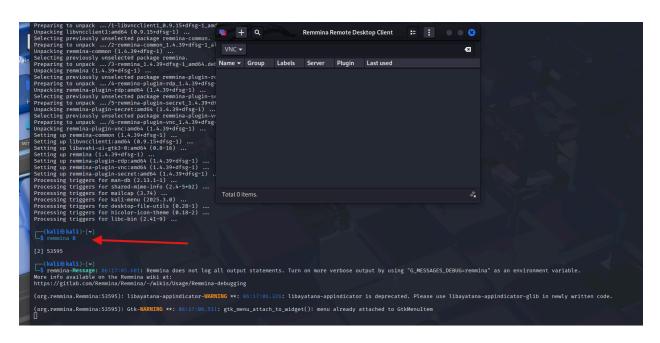
Space medicd: 6,388 84 / 56.6 68 available

Space medicd: 6,388 84 / 56.6 68 available

Feet: http://kali.download/wali kali-rolling/main amodé libavahi-ui-gt3-0 amodé 0.8-16 [40.4 k8]

Get2: http://kali.download/wali kali-rolling/main amodé libavahi-ui-gt3-0 amodé 0.8-16 [40.4 k8]

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Step C: Connect to the Vulnerable VNC Server (Metasploitable2)

In Remmina:

