

Task 3 – Perform a Basic Vulnerability Scan on Your PC

Objective

Perform a basic vulnerability scan on your personal computer using **Nessus Essentials** to identify potential security issues.

Steps

1. Download Nessus Installer

- Visit the Tenable Nessus Downloads

2. Install Nessus Package

1. Open a terminal and navigate to the directory containing the downloaded **.deb** file.
2. Run the command:

```
sudo dpkg -i Nessus-10.x.x-debian6_amd64.deb
```

3. Start and Enable Nessus Service

1. Start Nessus
sudo systemctl start nessusd.service
2. Enable Nessus to start on boot
sudo systemctl enable nessusd.service

4. Access Nessus Web Interface

- Open a web browser and navigate to:

<https://127.0.0.1:8834/#/scans/folders/my-scans>

- Accept any security certificate warnings if prompted.

5. Configure Nessus

1. Choose the appropriate Nessus product (Nessus Essentials).
2. Register with Tenable to obtain an activation code.
3. Create an administrator account as prompted.

6. Download and Compile Plugins

- Nessus will download and compile all necessary plugins.
- This may take several minutes depending on internet speed.

7. Start Scanning

1. Once setup is complete, create a new scan:
 - Click New Scan → Basic Network Scan
 - Target: **127.0.0.1**
 - Save and Launch the scan.
2. Review results after the scan completes.



