1.Install Tenable Nessus
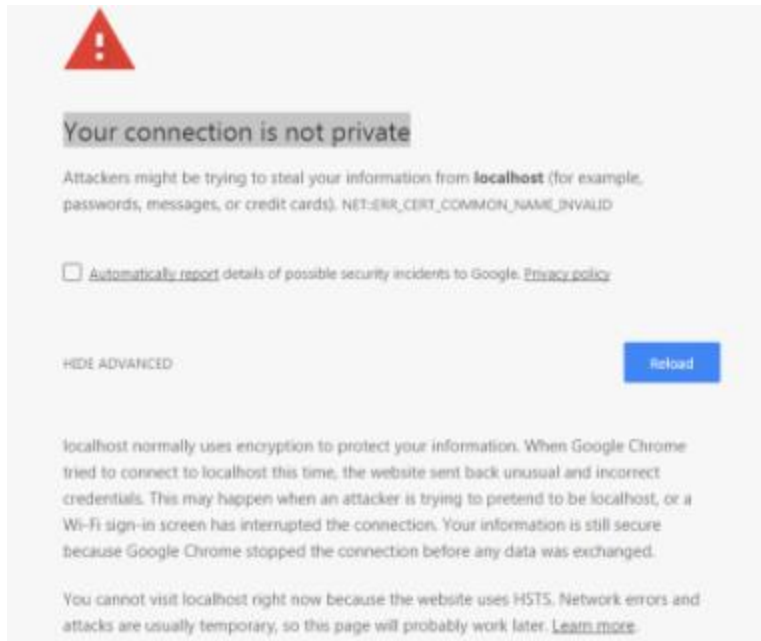 a) Download and install **Nessus-8.13.1-x64.msi**.
  b) Select **Next** to start the **Install Shield Wizard**.
  c) Accept the license agreement and select **Next**.
  d) Accept the default **Destination Folder** and select **Next**.
  e) Select **Install**.
  f) For **WinPcap 4.1.3 Setup**, click **Next**.
  g) Accept the license agreement and select **Install**.
  h) When the installation completes, select **Finish**.

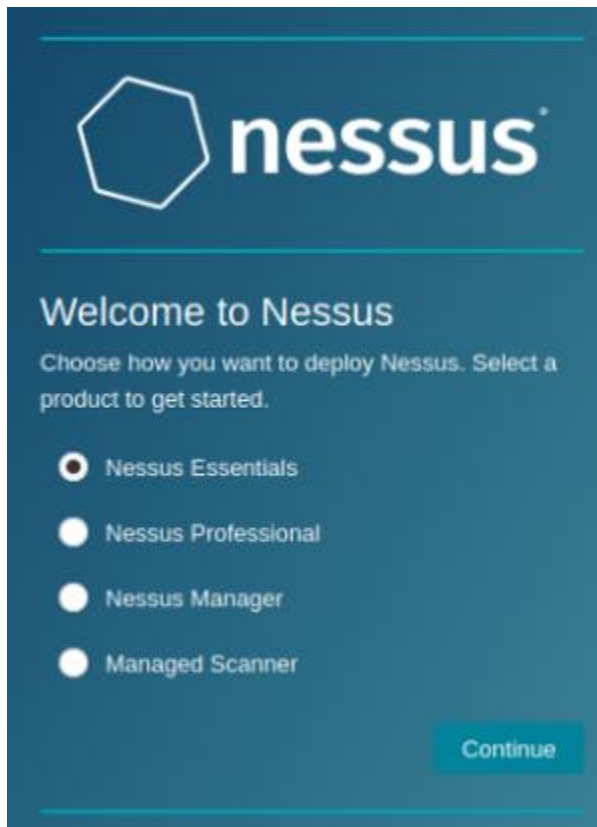2. **Create an admin login and password for your Nessus session**.
  a) On the **Nessus** screen, select the link to **Connect via SSL**.
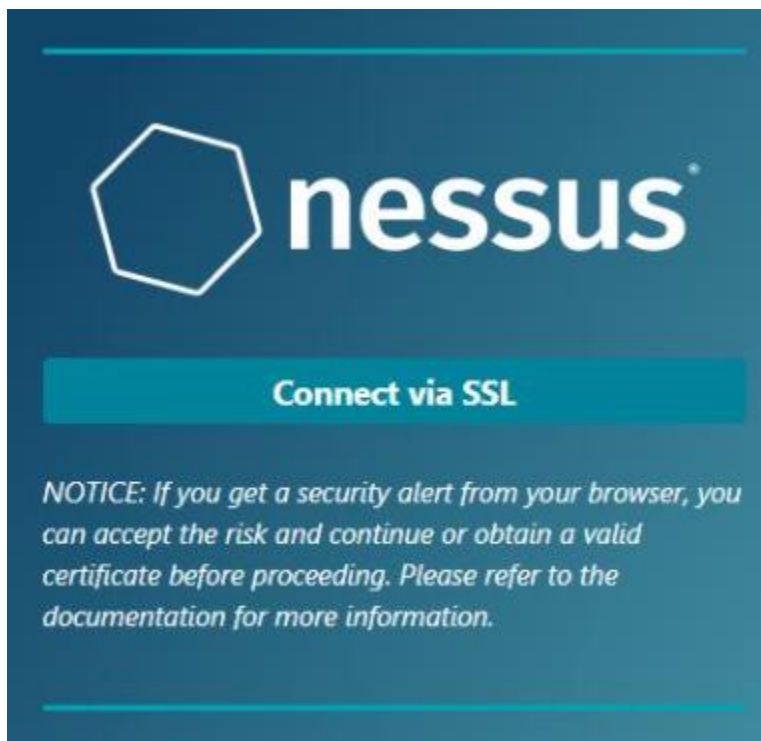
 b) You are prompted that your connection is not private. Click **Advanced** and **Proceed to localhost**.

Your connection is not private

Attackers might be trying to steal your information from **localhost** (for example, passwords, messages, or credit cards). NET::ERR_CERT_COMMON_NAME_INVALID

☐ Automatically report details of possible security incidents to Google. Privacy policy

HIDE ADVANCED   Reload

localhost normally uses encryption to protect your information. When Google Chrome tried to connect to localhost this time, the website sent back unusual and incorrect credentials. This may happen when an attacker is trying to pretend to be localhost, or a Wi-Fi sign-in screen has interrupted the connection. Your information is still secure because Google Chrome stopped the connection before any data was exchanged.

You cannot visit localhost right now because the website uses HSTS. Network errors and attacks are usually temporary, so this page will probably work later. Learn more.

c)   At **the Welcome to Nessus** screen, select **Continue**.

nessus

Welcome to Nessus

Choose how you want to deploy Nessus. Select a product to get started.

- ⦿ Nessus Essentials
- ⬤ Nessus Professional
- ⬤ Nessus Manager
- ⬤ Managed Scanner

Continue

d) To get an **activation code**, supply your **First** name, **Last** name & **Email**. Click **Email**.

e) Enter the activation code received from your email, click **Continue**.

f) Create a user account, supply a password then click **Submit**.

g) Nessus will automatically download plugins. The process will take a few minutes.

h) On the **Welcome to Nessus Essentials** window, click **Close**.

3. Run the Nessus vulnerability scan and examine the results.

a) Click **Create a new scan**

b) Select **Basic Network Scan**

VULNERABILITIES

Basic Network Scan
A full system scan suitable for any host.
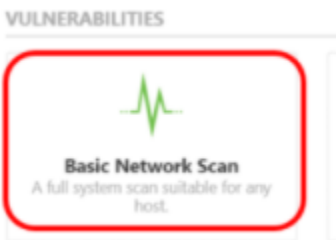
c) Name the scan *General Scan*

d) In the **Targets** text box, enter your machine's IP address.

e) Click **Save**.

f) To run the scan, click the **Launch** button. ▶

g) When the scan is finished, click the scan you created.

h) Observe the scanner results. The line graph shows the number of vulnerabilities detected, categorized by color. The graph to the right of the window has the key for each color vulnerability.
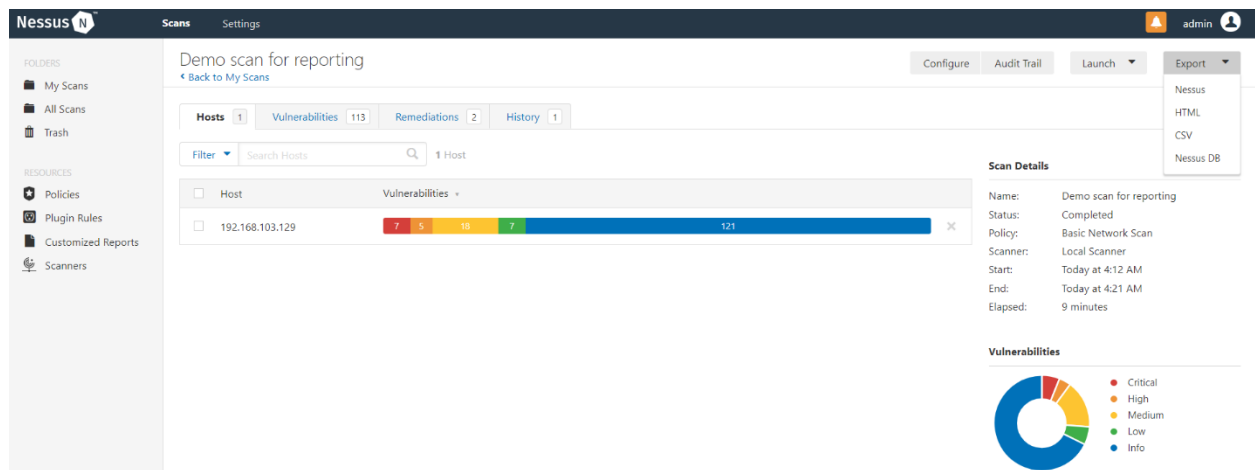
i) Select anywhere on the line graph to see the details about each vulnerability. Note that each vulnerability includes references and suggested remedies.

	Severity ▲	Plugin Name	Plugin Family	Count
☐	CRITICAL	PHP 5.6.x < 5.6.18 Multiple Vulnerabilities	CGI abuses	2
☐	CRITICAL	PHP 5.6.x < 5.6.19 Multiple Vulnerabilities	CGI abuses	2
☐	CRITICAL	PHP prior to 5.5.x < 5.5.31 / 5.6.x < 5.6.17 Multiple Vulnerabilities	CGI abuses	2
☐	CRITICAL	Microsoft .NET Framework Unsupported	Windows	1
☐	CRITICAL	MS14-026: Vulnerability in .NET Framework Could Allow Elevation of Privilege (...	Windows : Microsoft Bulletins	1