

20BDS0146

VENNELA G

INFORMATION SECURITY MANAGEMENT

LAB SLOT: L37+38

ASSIGNMENT 5

Ex. 6: Vulnerability Analysis using Nessus

Step 1:



Step 2:

If you are on a corporate network or using anti-virus software, you can reach out to the support teams for assistance. You can also notify the website's administrator about the problem.

[Learn more...](#)

[Go Back \(Recommended\)](#)

[Advanced...](#)

Someone could be trying to impersonate the site and you should not continue.

Websites prove their identity via certificates. Firefox does not trust localhost:8834 because its certificate issuer is unknown, the certificate is self-signed, or the server is not sending the correct intermediate certificates.


Error code: [SEC_ERROR_UNKNOWN_ISSUER](#)

[View Certificate](#)

[Go Back \(Recommended\)](#)

[Accept the Risk and Continue](#)

Step 3




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](#)

Step 4



Get an activation code

To receive an email with a free Nessus Essentials activation code, enter your information.

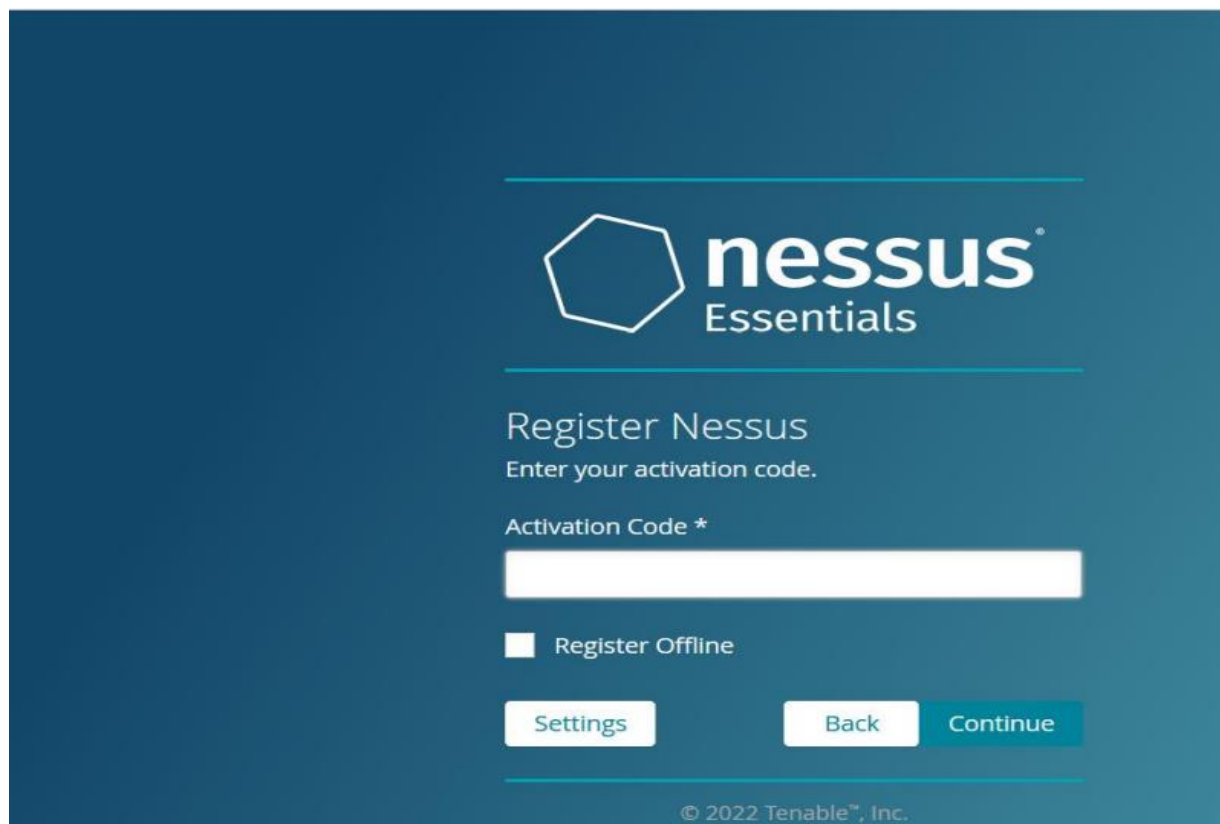
If you already have an activation code, skip this step.

First * Last *

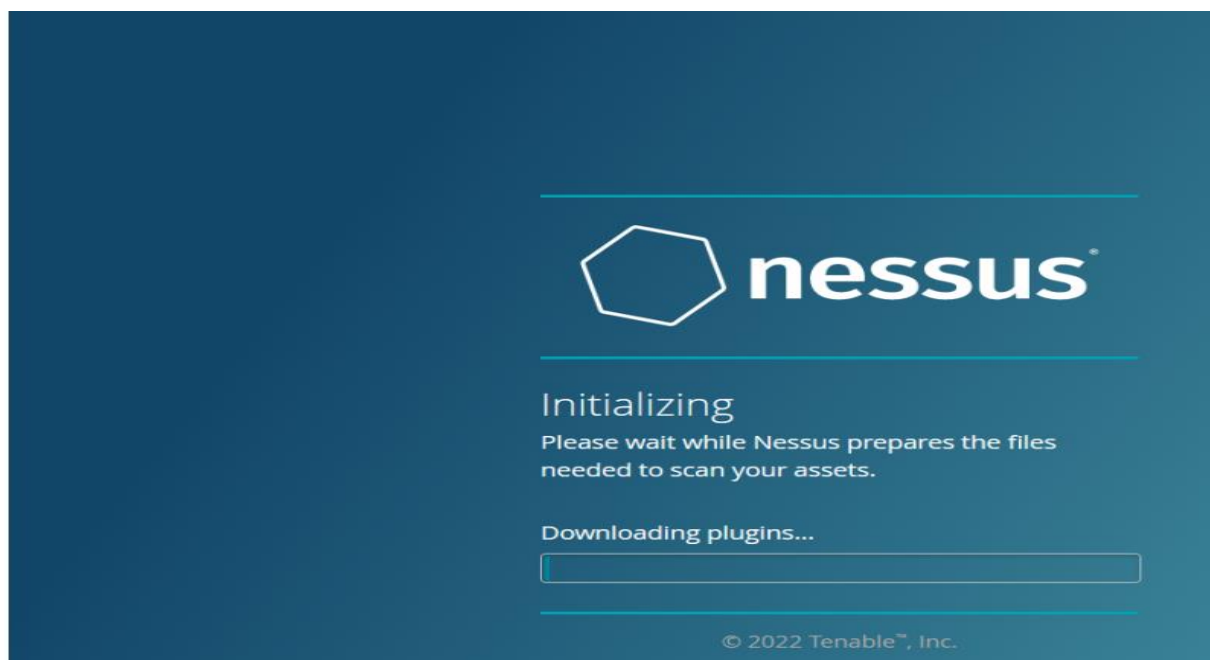
Email *

[Skip](#) [Back](#) [Email](#)

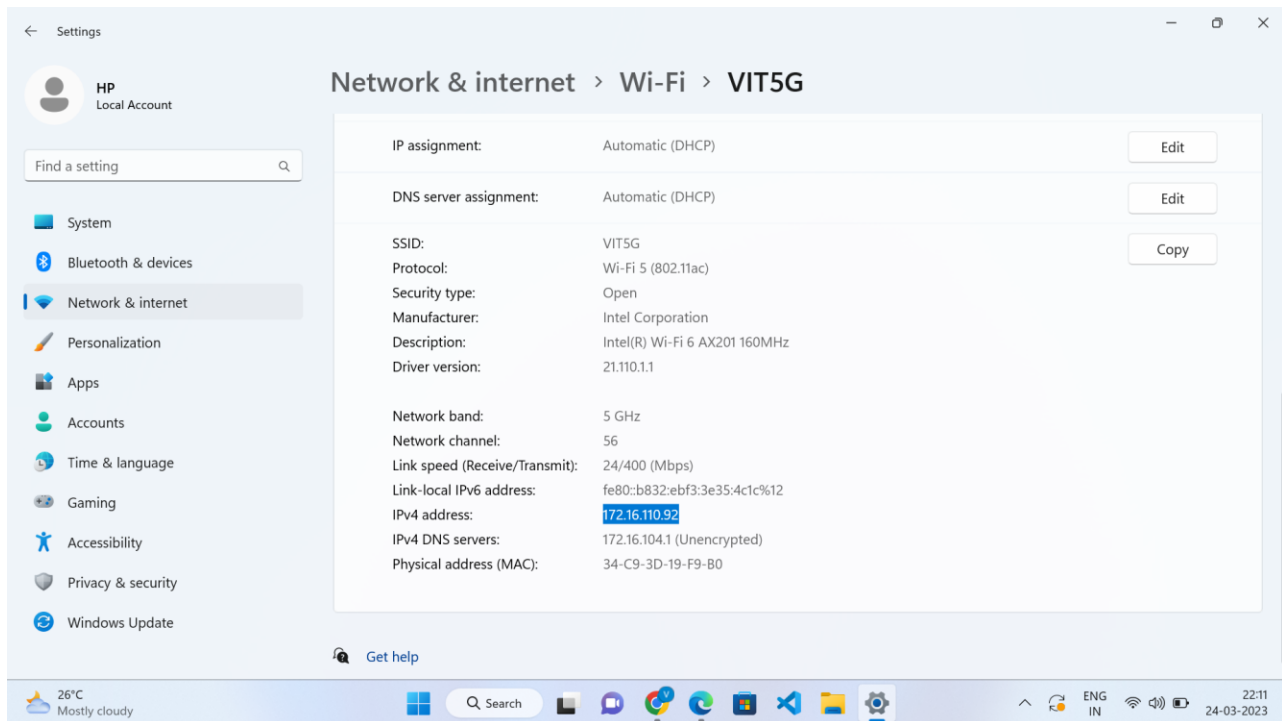
Step 5



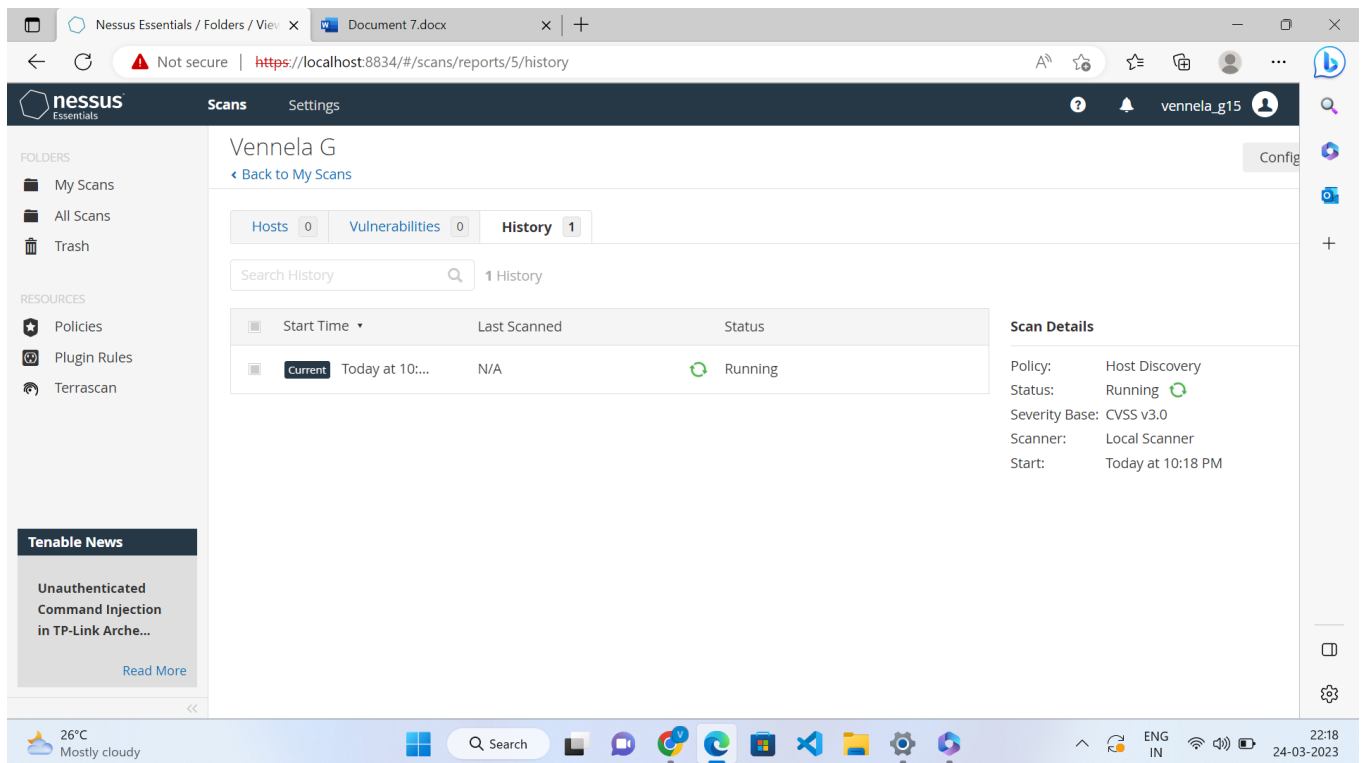
Step 6



Step 7



Step 8



Step 9

The screenshot displays the Nessus Essentials web interface in a browser window. The browser's address bar shows the URL `https://localhost:8834/#/scans/reports/new`. The interface has a dark blue header with the 'nessus Essentials' logo, 'Scans' and 'Settings' tabs, and a user profile 'vennela_g15'. On the left, a sidebar lists 'FOLDERS' (My Scans, All Scans, Trash) and 'RESOURCES' (Policies, Plugin Rules, Terrascan). The main content area is titled 'Scan Templates' and includes a 'Scanner' filter and a 'Search Library' input. It features two sections: 'DISCOVERY' with a 'Host Discovery' template (described as a simple scan to discover live hosts and open ports) and 'VULNERABILITIES' with four templates: 'Basic Network Scan' (full system scan), 'Advanced Scan' (configure without recommendations), 'Advanced Dynamic Scan' (configure dynamic plugin scan without recommendations), and 'Malware Scan' (scan for malware on Windows and Unix systems). A 'Tenable News' sidebar on the left contains a 'Tenable Cyber Watch' article. The Windows taskbar at the bottom shows the date as 24-03-2023 and time as 22:20.

Step 10

Nessus Essentials / Folders / View x Document 7.docx x | +

Not secure | <https://localhost:8834/#/scans/reports/5/vulnerabilities>

nessus Essentials

Scans Settings

vennela_g15

Vennela G

Configure Audit Trail Launch Report Export

Hosts 37 Vulnerabilities 2 History 4

Filter Search Vulnerabilities 2 Vulnerabilities

Sev	CVSS	VPR	Name	Family	Count
INFO			Nessus Sca...	Settings	37
INFO			Ping the re...	Port scanners	37

Scan Details

Policy: Host Discovery
Status: Completed
Severity Base: CVSS v3.0
Scanner: Local Scanner
Start: Today at 10:49 PM
End: Today at 10:55 PM
Elapsed: 6 minutes

Vulnerabilities

Donut chart showing severity distribution: Critical (0), High (0), Medium (0), Low (0), Info (37)

Tenable News

Netgear RAX30 Multiple Vulnerabilities

Read More

26°C Mostly cloudy

Search

ENG IN

23:00 24-03-2023

Step 11

Nessus Essentials / Folders / View x Document 7.docx x | +

Not secure | <https://localhost:8834/#/scans/reports/5/vulnerabilities/19506>

nessus Essentials

Scans Settings

vennela_g15

Hosts 37 Vulnerabilities 2 History 4

INFO Nessus Scan Information

Description

This plugin displays, for each tested host, information about the scan itself :

- The version of the plugin set.
- The type of scanner (Nessus or Nessus Home).
- The version of the Nessus Engine.
- The port scanner(s) used.
- The port range scanned.
- The ping round trip time.
- Whether credentialed or third-party patch management checks are possible.
- Whether the display of superseded patches is enabled.
- The date of the scan.
- The duration of the scan.
- The number of hosts scanned in parallel.
- The number of checks done in parallel.

Plugin Details

Severity: Info
ID: 19506
Version: 1.116
Type: summary
Family: Settings
Published: August 26, 2005
Modified: June 9, 2022

Risk Information

Risk Factor: None

Output

```
Information about this scan :
Nessus version : 10.5.0
Nessus build : 20097
Plugin feed version : 202303241204
Scanner edition used : Nessus Home
Scanner OS : WINDOWS
Scanner distribution : win-x86-64
```

Tenable News

Cybersecurity Snapshot: Strengthen Identity and Ac...

Read More

26°C Mostly cloudy

Search

ENG IN

23:00 24-03-2023

