

Vulnerability Scan with Nessus

Installation of Nessus

Step-1:

Go to browser & type "nessus download" → open website → select version (Nessus-10.8.2) & platform (Linux) and click on download.

Step-2:

Go to terminal and install the Nessus.

```
$ sudo dpkg -i <package_name>
```

Step-3:

Start Nessus service

```
$ sudo systemctl start nessusd.service
```

Step-4:

Open the interface

Go to browser & type "https://<IP>:8834" → Continue → Register for Nessus Essential → Create a user account → [After this, Nessus user interface will be open].

Step-5:

Scan the target IP → Click on "My Scans" → Click on "New Scan" → Select Scanner [Example: Host Discovery] → Give Name & Target IP → Save & Launch.

Output:

Vulnerabilities: 29

Sev	CVSS	VPR	EPSS	Name
Mixed				Apache Httpd (Multiple Issues)
Mixed				SSL (Multiple Issues)
Mixed				Apache HTTP Server (Multiple Issues)
Info				TLS (Multiple Issues)
Info				ISC Bind (Multiple Issues)

Then we will open Apache HTTPD (Multiple Issues) to get more about vulnerabilities.

Sev	CVSS	VPR	EPSS	Name	Family	Count
Critical	9.8	7.4	0.0338	Apache (<2.4.47)	Web	1
Critical	9.8	6.7	0.0068	Apache (<2.4.44) Multiple	Web	Servers

Generate Report:

- Report Format: PDF
- Select a Report Template

Complete List of Vulnerabilities by Host:

This report provides a summary list of vulnerabilities for each host detected in the scan.