

Vulnerability scanning with Nessus

Nessus is a powerful vulnerability scanner that provides a thorough assessment of target network, systems, and applications, identifying potential security weaknesses that could be exploited by malicious actors. With its extensive database of known vulnerabilities and the ability to detect misconfigurations, outdated software, and other potential entry points, Nessus has become an indispensable tool for security professionals worldwide.

In this section, we will test the power and effectiveness of Nessus by performing vulnerability scans with it.

Lets start with the installation of Nessus on our kali machine.

- Go to your browser and search for nessus essentials

https://www.tenable.com/products/nessus/nessus-essentials?tns_redirect=true

- Register yourself with name and email
- Download Nessus
- Install nessus on your system.

```
sudo dpkg -i Nessus-version.deb
```

- Initiate the nessus service

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

- Now visit the nessus portal on localhost port 8834

<https://localhost:8834>

- Do not select offline registration
- Create username and password.