

# Vulnerability Scanning with OpenVAS

OpenVAS (Open Vulnerability Assessment System) is a comprehensive vulnerability scanner that provides a robust framework for identifying and managing security vulnerabilities in your network, systems, and applications. Developed by Greenbone Networks, OpenVAS is widely used for its extensive capabilities and flexibility.

Lets start with the installation of OpenVAS, which is really straight forward.

```
sudo apt update
sudo apt install openvas
```

- Check the installtaion

```
sudo gvm-check-setup
```

- To update the greenbone Datbase.

```
sudo greenbone-feed-sync
```

- Install OpenVAS with gvm.

```
sudo gvm-setup
```

```
sudo greenbone-feed-sync --type GVM_DATA
```

```
sudo greenbone-feed-sync --type SCAP
```

```
sudo greenbone-feed-sync --type CERT
```

- Start OpenVas

```
sudo gvm-start
```

This will start the OpenVAS service and open the web interface in our default browser.

We can now login to the OpenVAS web interface using default credentials that are admin and the random password that was generated while doing the GVM setup.

Lets perform a scan now.

- Click on Task Wizard
  - Enter IP address
  - Start the scan
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