Nmap Scan Report + OpenVAS Vulnerability Report

1. **Nmap Scan Report**

Firstly we have to install Nmap in our Operating System.

Open terminal in Kali Linux.

Put command sudo apt install nmap.

* Nmap TCP & UDP SCAN

Nmap -sS: Run a TCP SYN scan, Often called a stealth pr half-open scan.

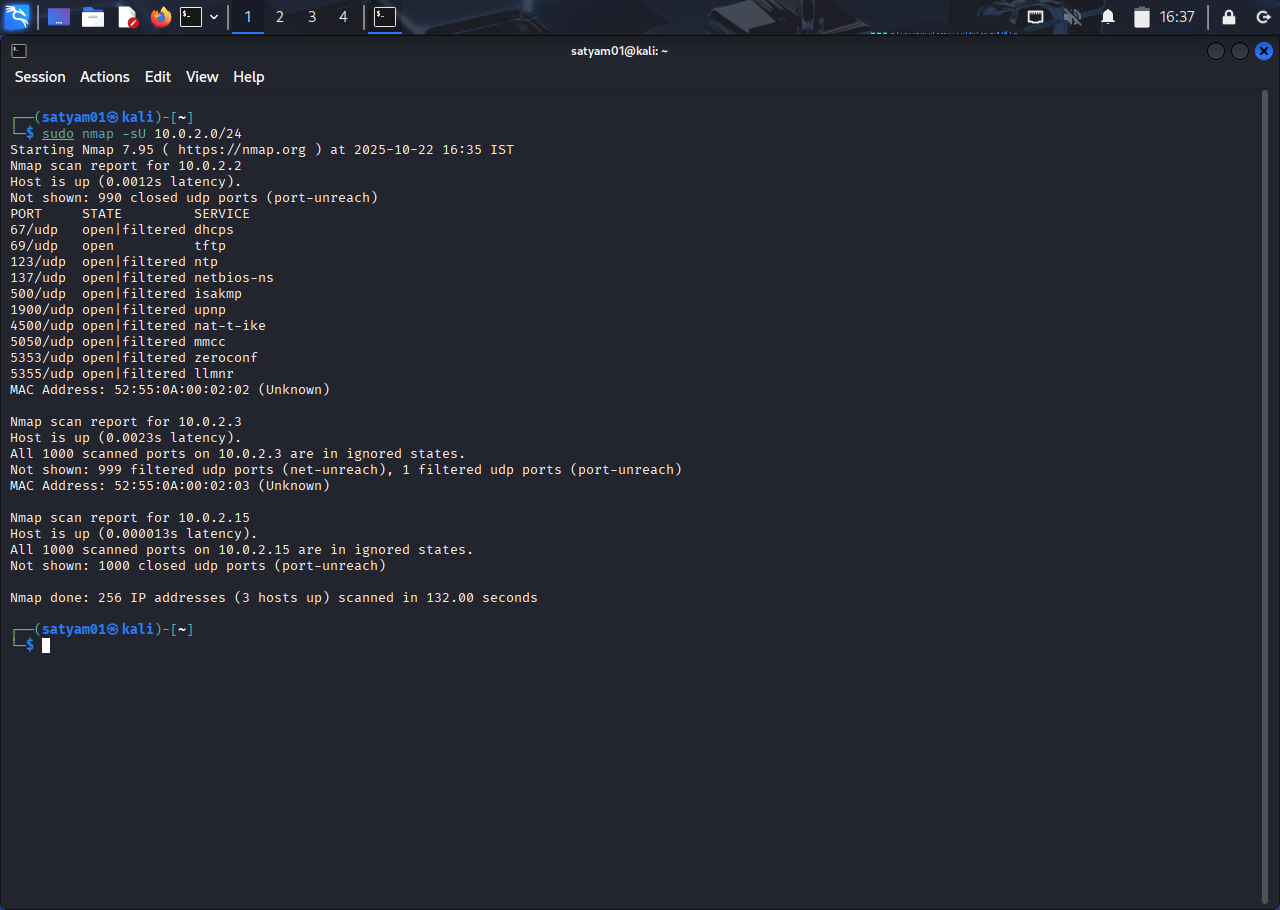
Run the command for TCP scan sudo nmap -sS 192.168.1.10



Nmap -sU: It scans **UDP ports** on the target to discover services that use the **User Datagram**

**Protocol (UDP)** instead of TCP.

Run the command for UDP scan sudo nmap -sU 192.168.1.10

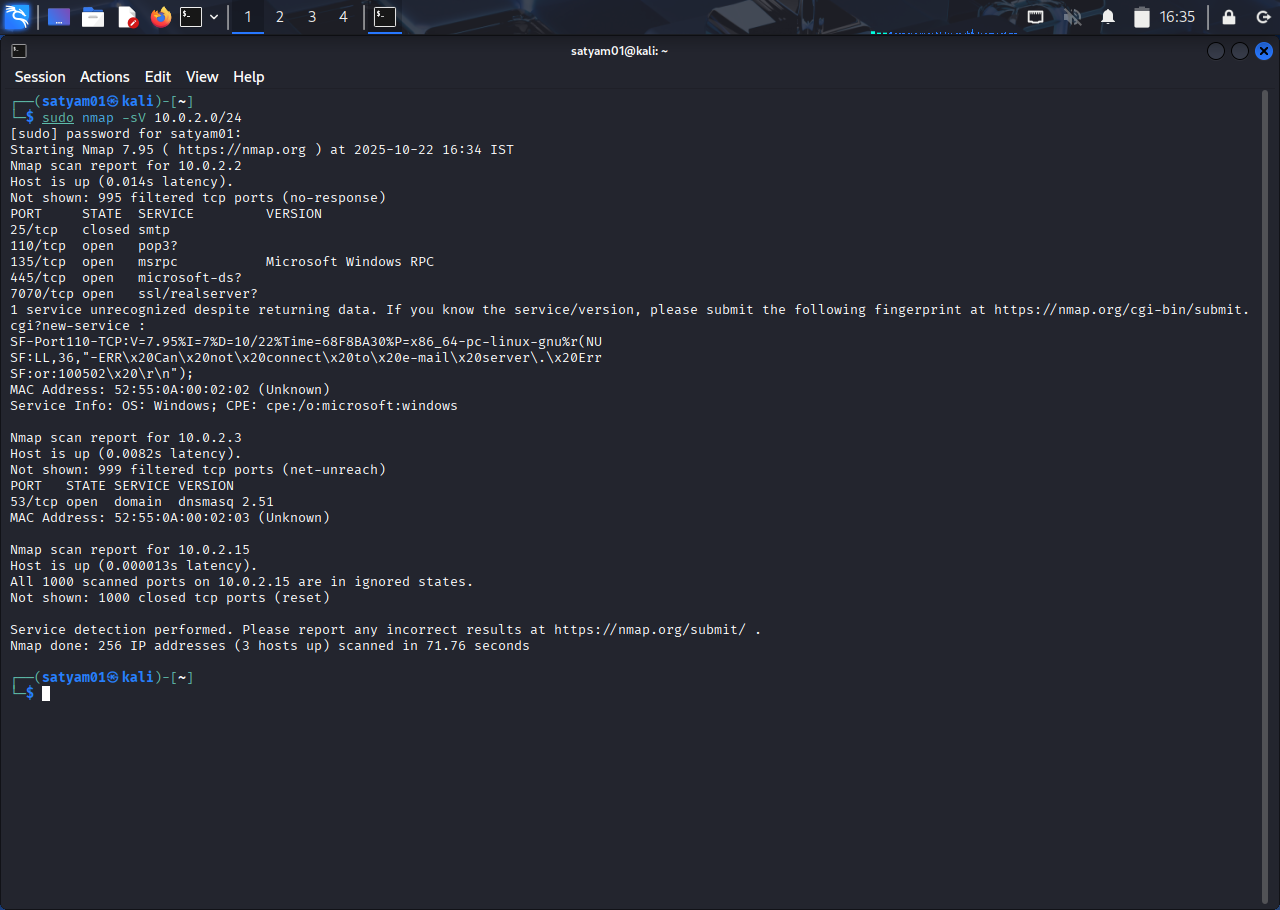


* Service Version Detection.

Nmap -sV: Helps you know exactly **which software and version** are running so you can check

for known vulnerabilities, misconfigurations, or compatibility needs.

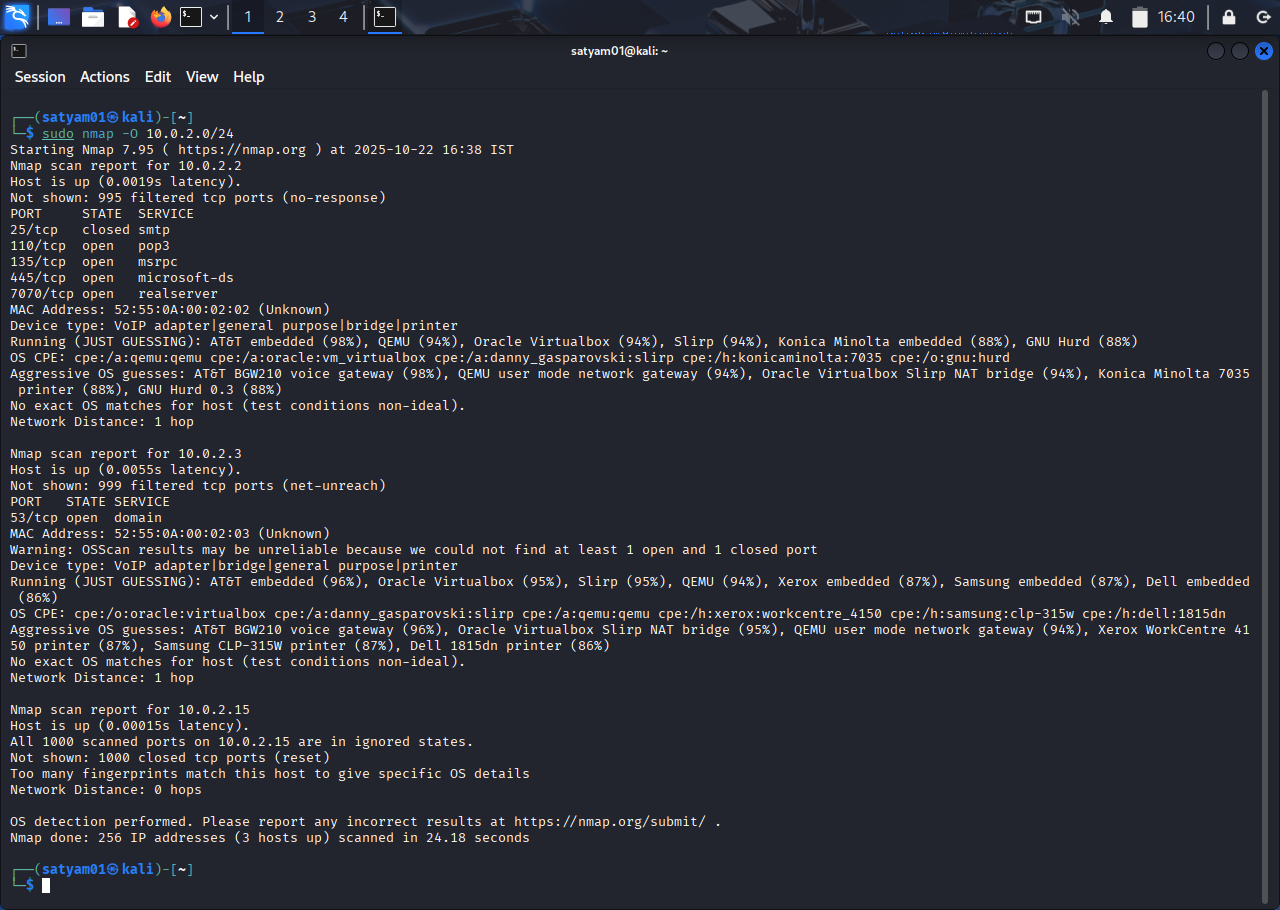
Run the command for Service Version Detection sudo nmap -sV 192.168.1.10



* OS Detection.

Nmap -O: Nmap enables operatingsystemdetection (OS fingerprinting).

Run the command sudo nmap -O 192.168.1.10



1. **OpenVAS Vulnerability**

To install Openvas in your Operating system.

Open terminal in Kali Linux.

Update system by command sudo apt update

Install OpenVAS by sudo apt install openvas

Then give command sudo gvm-setup

Check the setup by sudo gvm-check-setup (If any error fix it by sudo gvm-fix-and name of your error).

Create User Account by

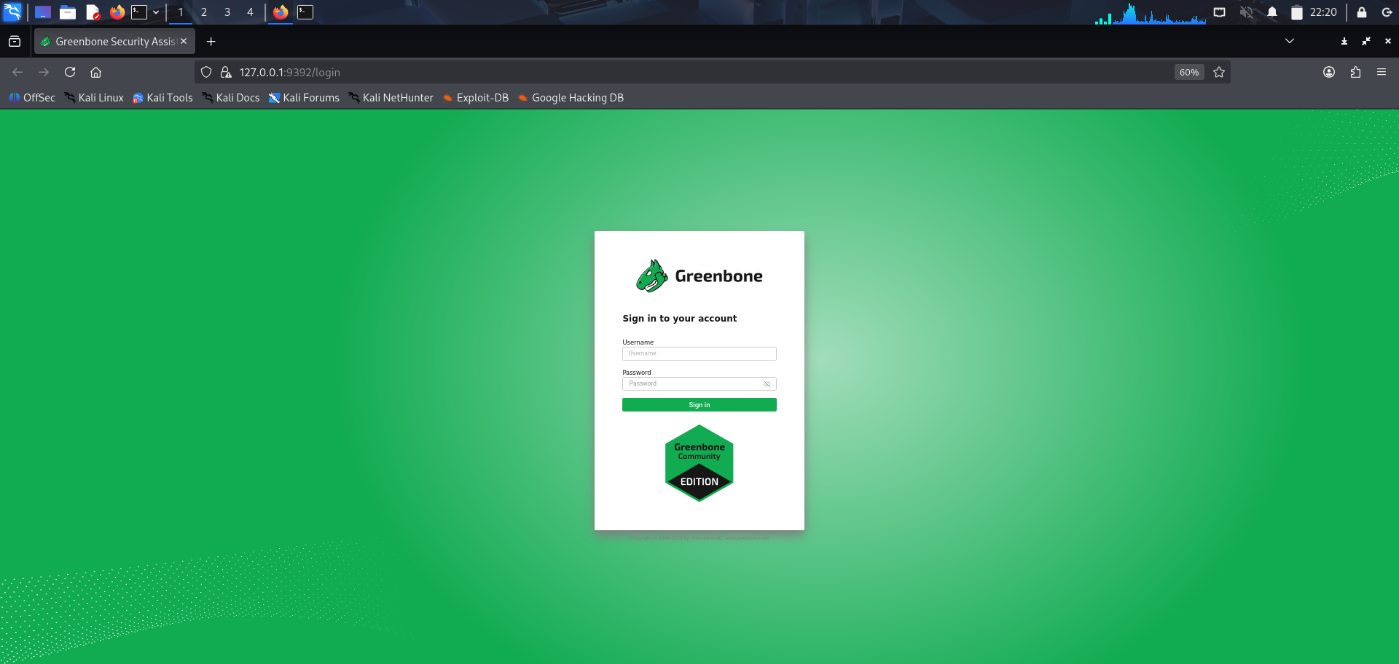
sudo runuser -u \_gvm--gvmd—create-user=admin2 --new-password=password

this command provide an password copy it.

Then provide an command sudo su to open openvas.

Then give a command to start gvm-start.

System will load OpenVAS on your screen,



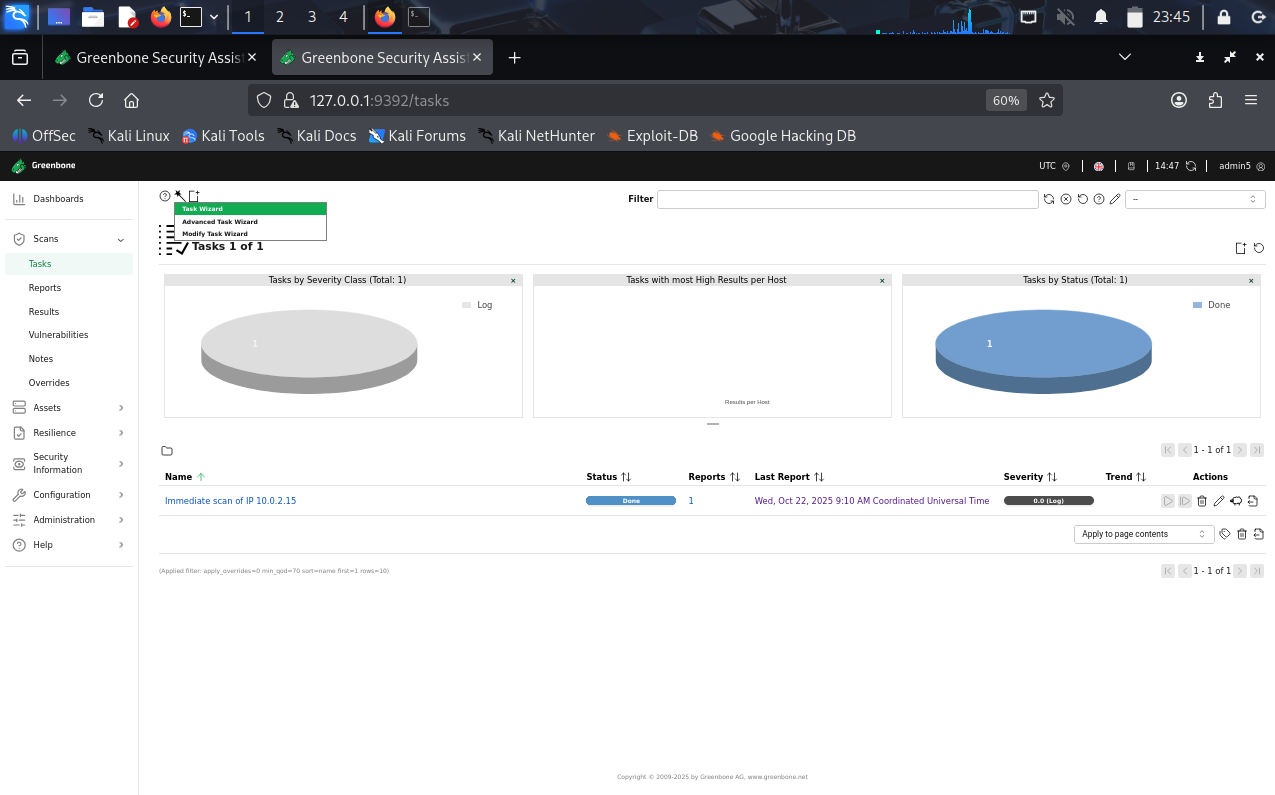
Fill you username and in password paste the password you copied before.

Now you loged in OpenVAS.

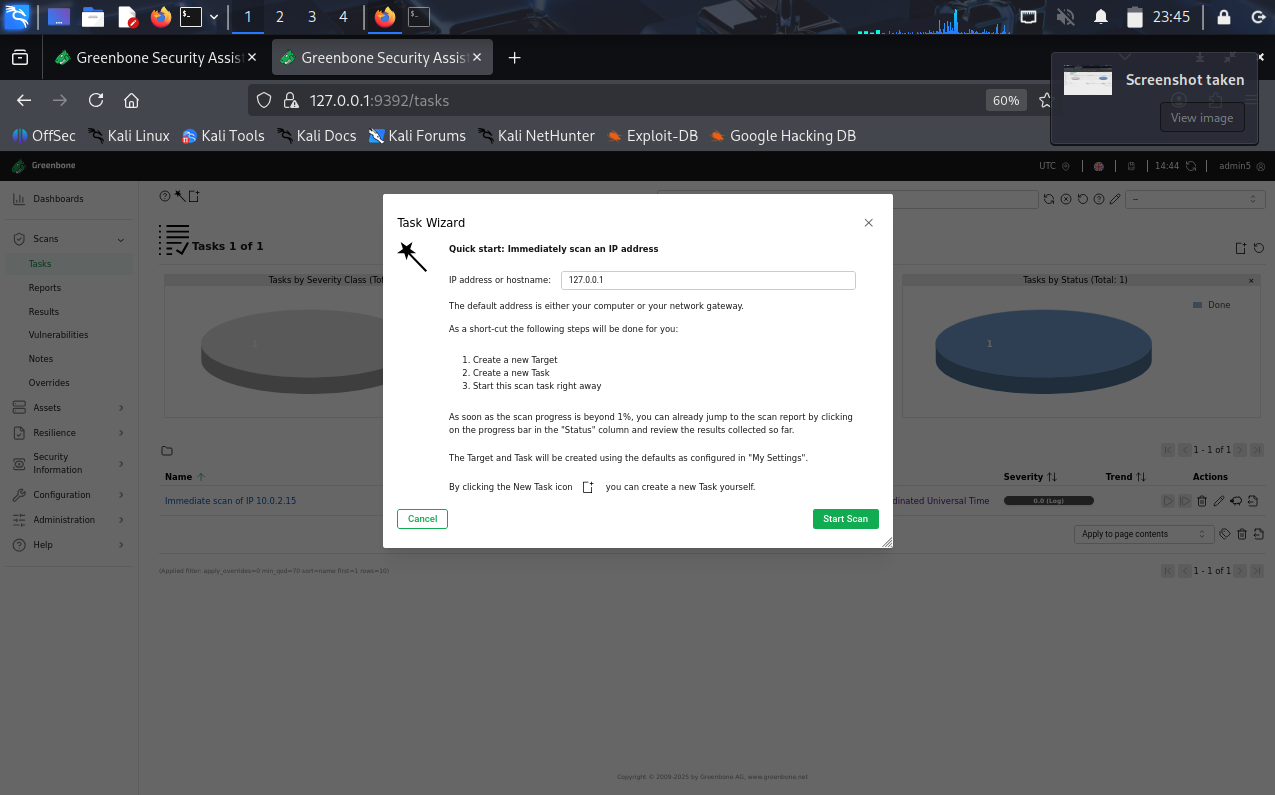
Change password for your convenience.

* **OpenVAS Scan Report**

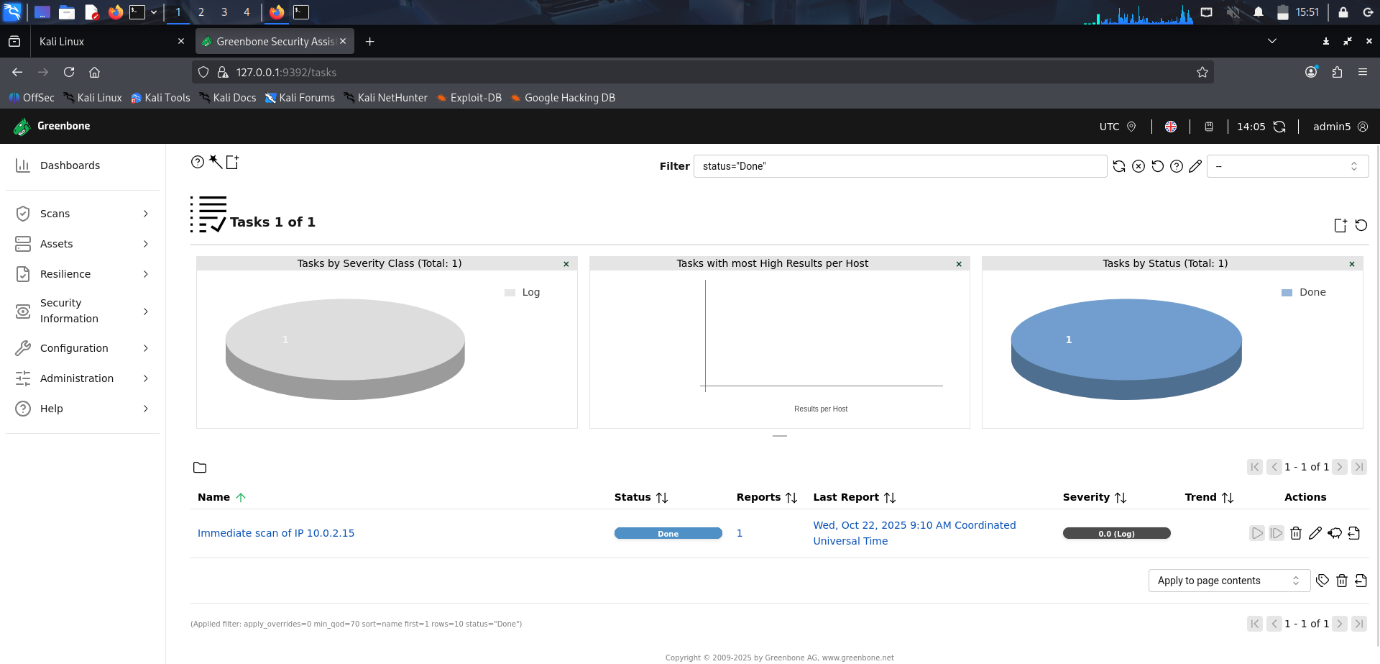
To scan go to Scan Tasks and open Task Wizard,

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Then put the IP Address of the website or device which you want to scan,



It will Take some time to Scan,

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Now you can see the result of your scan.