

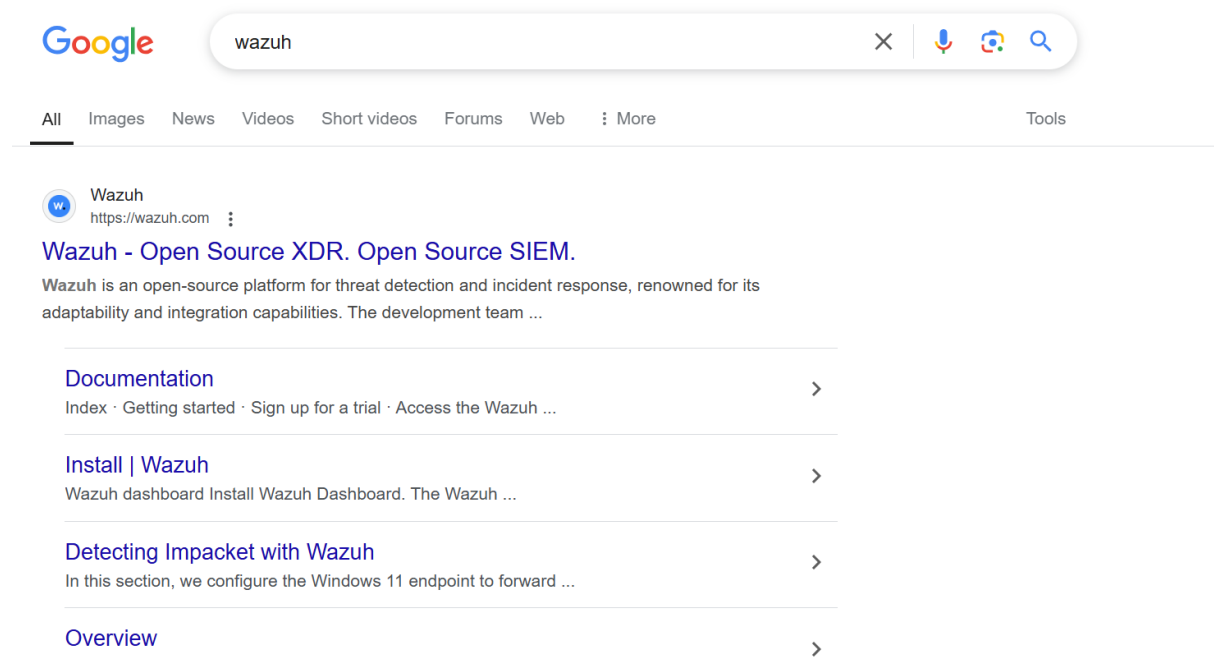
WAZUH & NESSUS

Introduction

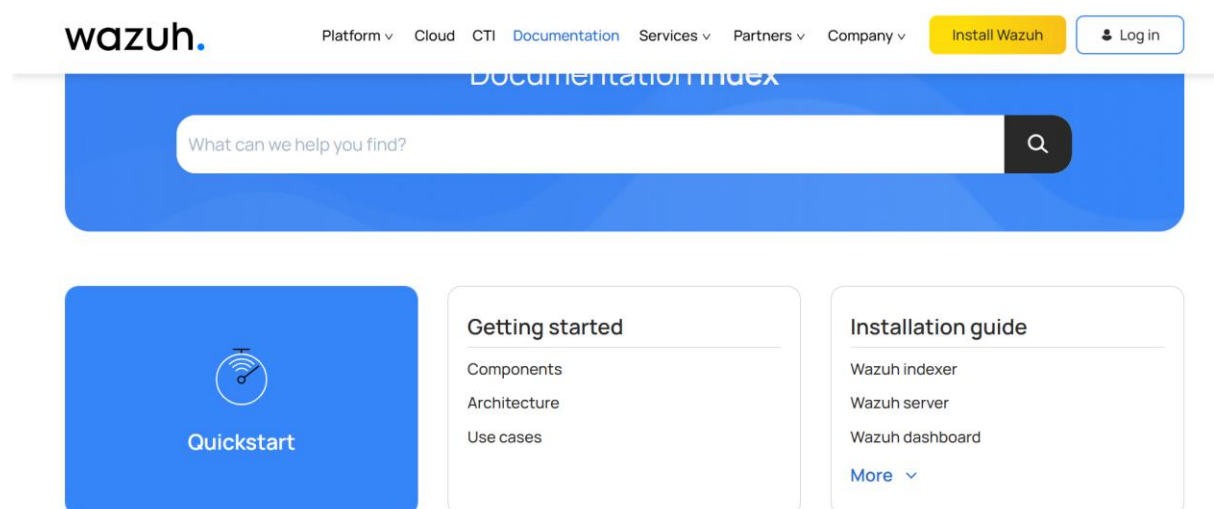
Wazuh is an open-source security monitoring tool. It allows us to monitor our systems effectively and helps in detecting malware, threats, and suspicious activities. Wazuh provides real-time visibility, intrusion detection, log analysis, and compliance monitoring, making it a valuable tool for enhancing system security.

Basic Installation and Configuration Steps (All-in-One Setup)

Go to browser and search Wazuh in search bar



Click on Documentation



Click on QuickStart

The screenshot shows the Wazuh website's Quickstart page. The header includes the Wazuh logo, navigation links (Platform, Cloud, CTI, Documentation, Services, Partners, Company), and a search bar. A dropdown menu shows 'Version 4.11 (current)'. The left sidebar contains a search bar and a list of links: Getting started, Quickstart (highlighted), Installation guide, Installation alternatives, User manual, Cloud security, Regulatory compliance, and Proof of Concept guide. The main content area has a blue 'Quickstart' header, followed by a paragraph describing Wazuh as a security platform with unified XDR and SIEM protection. It mentions the Wazuh server, indexer, and dashboard. A link to 'Getting Started' documentation is provided. Below this, it states 'Wazuh is free and open source. Its components abide by the GNU'.

Click on Installation Guide

The screenshot shows the Wazuh website's Installation guide page. The header is identical to the previous page. The left sidebar highlights 'Installation guide' and lists sub-links: Wazuh indexer, Wazuh server, Wazuh dashboard, Wazuh agent, Packages list, and Uninstalling Wazuh. The main content area has a blue 'Installation guide' header. The text describes Wazuh as a security platform with unified XDR and SIEM protection, composed of a single universal agent and three central components: the Wazuh server, indexer, and dashboard. A link to 'Getting Started' documentation is provided. Below this, it states 'Wazuh is free and open source. Its components abide by the GNU General Public License, version 2, and the Apache License, Version 2.0'.

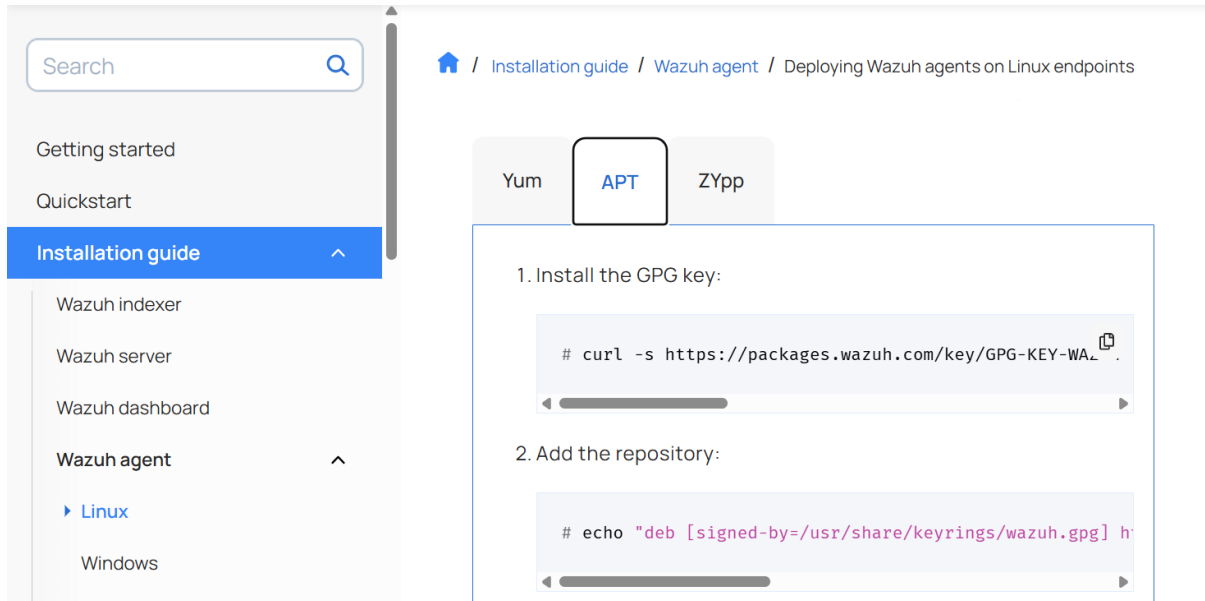
Scroll down and select your OS env

This screenshot shows the Wazuh website's Installation guide page, scrolled down to the OS selection section. The header and left sidebar are the same. The main content area has a blue 'Installation guide' header. The text instructs users to select their operating system below and follow the installation steps to deploy the agent on the endpoints. Below the text, there are six icons representing different operating systems: Linux (Tux penguin), Windows (Windows logo), macOS (Apple logo), Oracle Solaris (Oracle Solaris logo), AIX (AIX logo), and HP-UX (HP-UX logo). Below the icons, there are two sections: 'Packages list' and 'Other installation alternatives'. The 'Packages list' section mentions that users will find all the packages required for the installation of Wazuh. The 'Other installation alternatives' section is partially visible.

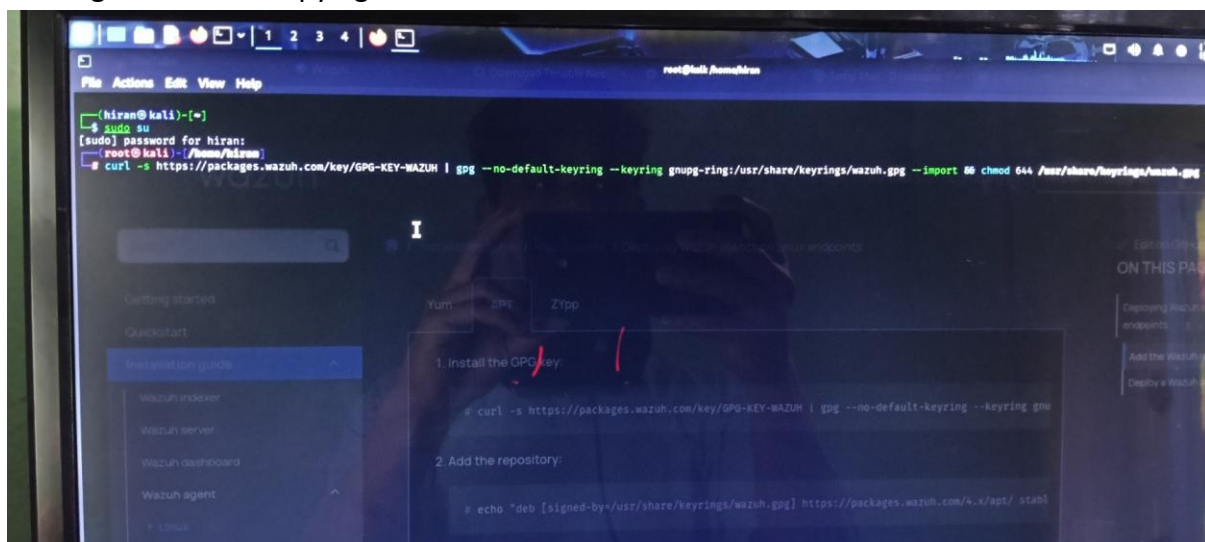
Hiran.raj.com.np@gmail.com

After selecting OS scroll down and copy the url

Here I select Linux OS



Clicking on APT and copying the first code

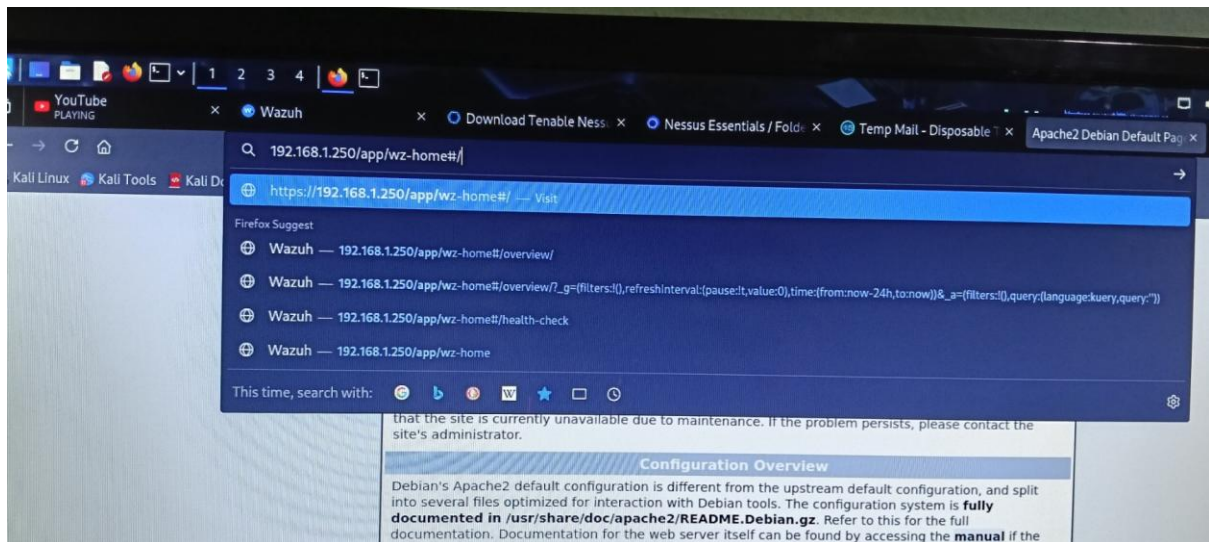


Open terminal as a root and Paste it into the terminal at last of the url add -i
curl -s https://packages.wazuh.com/key/GPG-KEY-WAZUH | gpg --no-default-keyring --keyring gnupg-ring:/usr/share/keyrings/wazuh.gpg --import && chmod 644 /usr/share/keyrings/wazuh.gpg -i

Now installation has started on your system

After installation completed copy the user's name and password

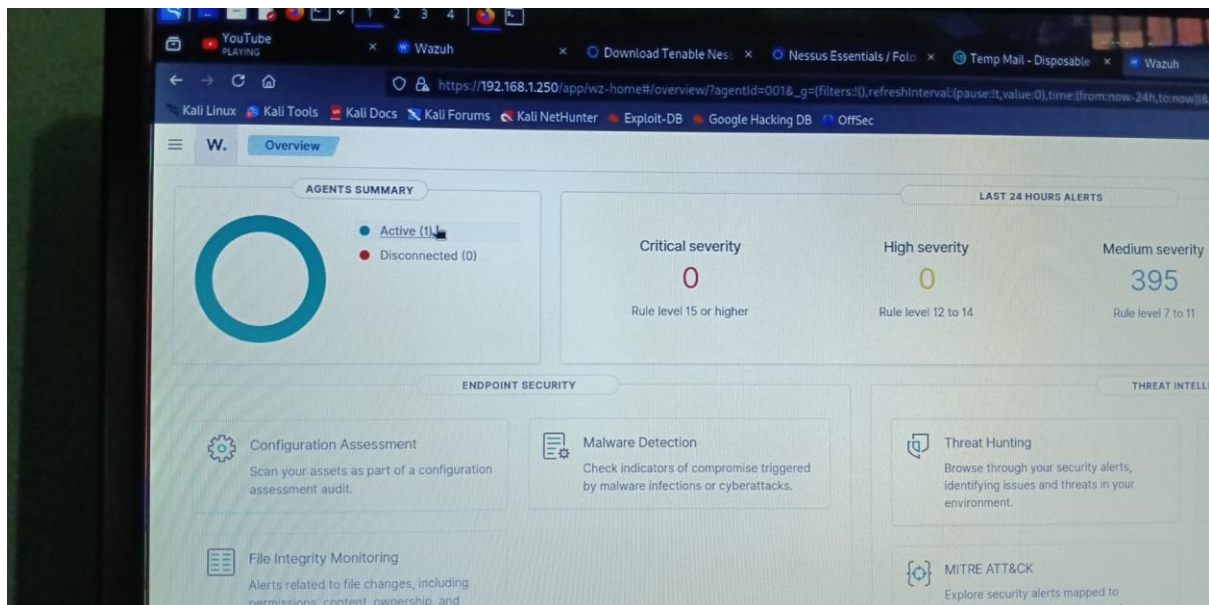
Now open the browser and type your Ip address



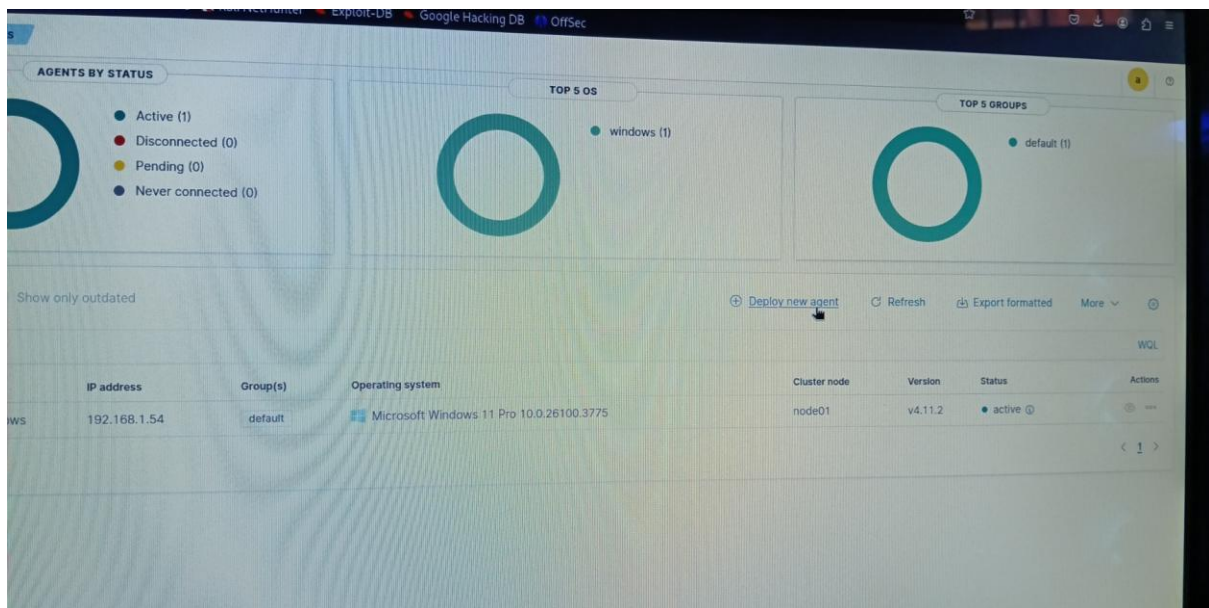
Now enter the user's name and password and login to Wazuh.

After these to add a agent In Wazuh

Click on Agent summary (Active)



Now click on Deploy New agent



Choose OS

The 'Deploy new agent' form is shown with the following sections:

- 1 Select the package to download and install on your system:**
 - LINUX:** RPM amd64, RPM aarch64, DEB amd64, DEB aarch64
 - WINDOWS:** MSI 32/64 bits
 - macOS:** Intel, Apple silicon
- 2 Server address:**

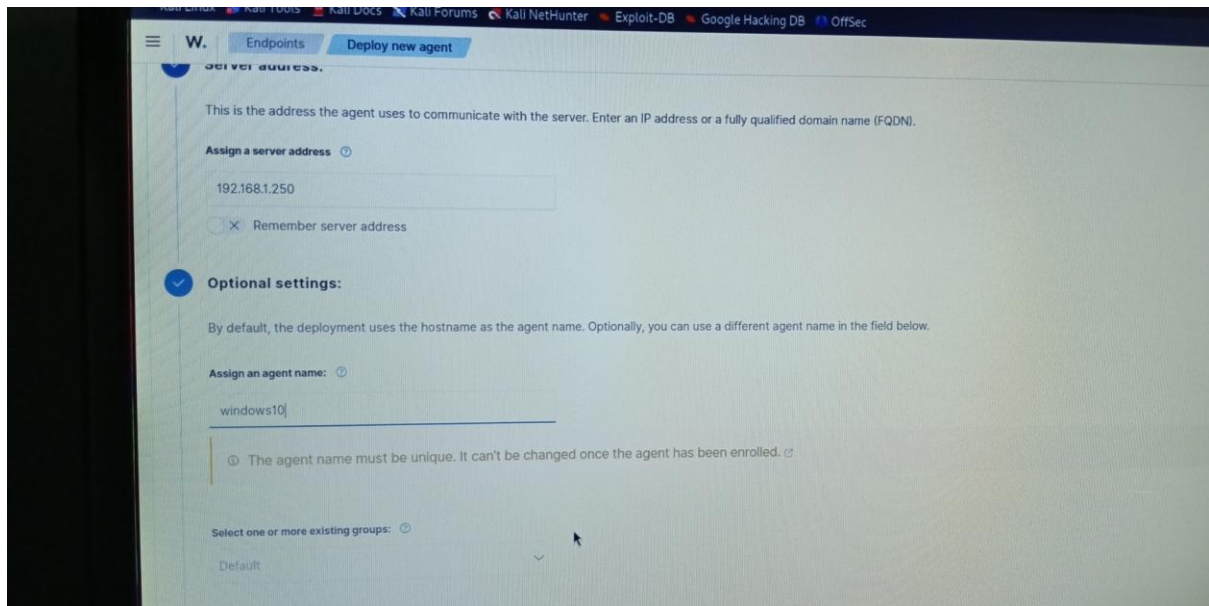
This is the address the agent uses to communicate with the server. Enter an IP address or a fully qualified domain name (FQDN).

Assign a server address

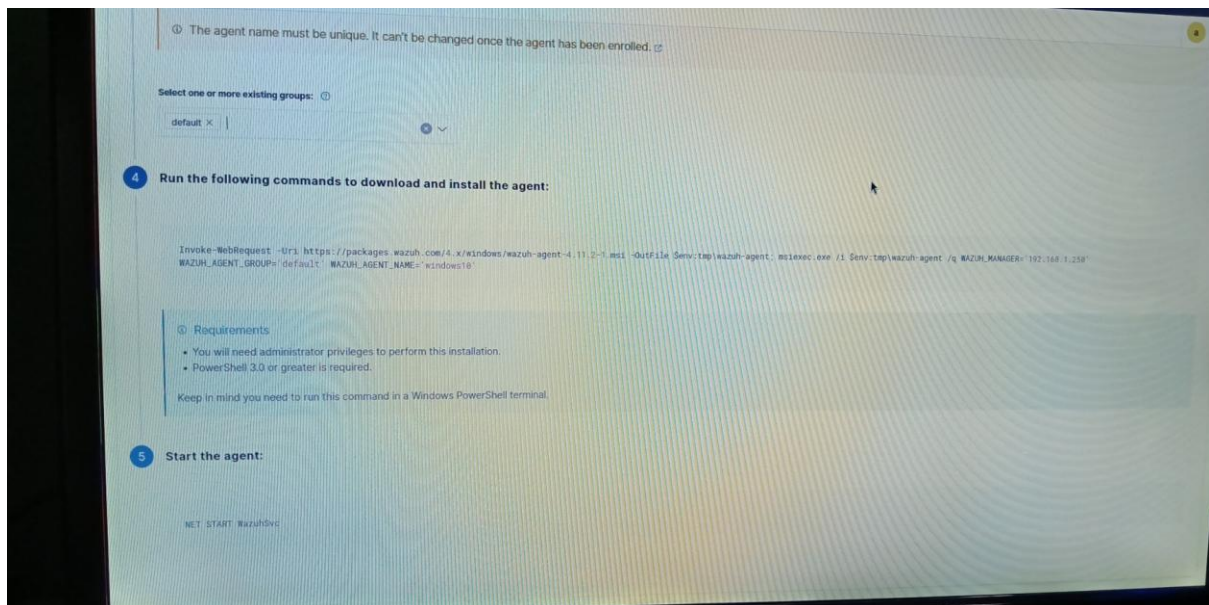
Server address

☒ Remember server address

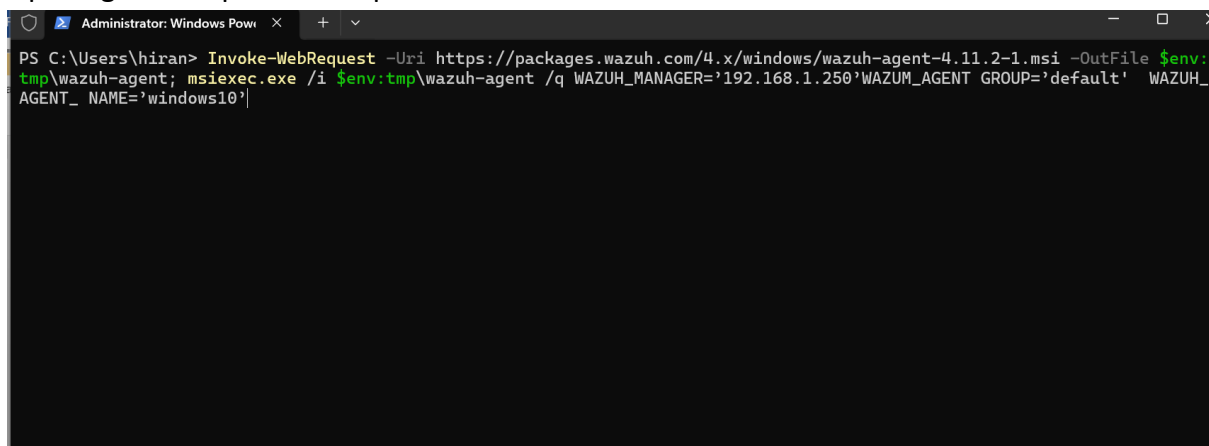
After choosing OS enter server address agent name



Select default and copy the url and paste the url in agent computer



Open agent computer and open PowerShell as admin



And type command NET START WazuhSvc

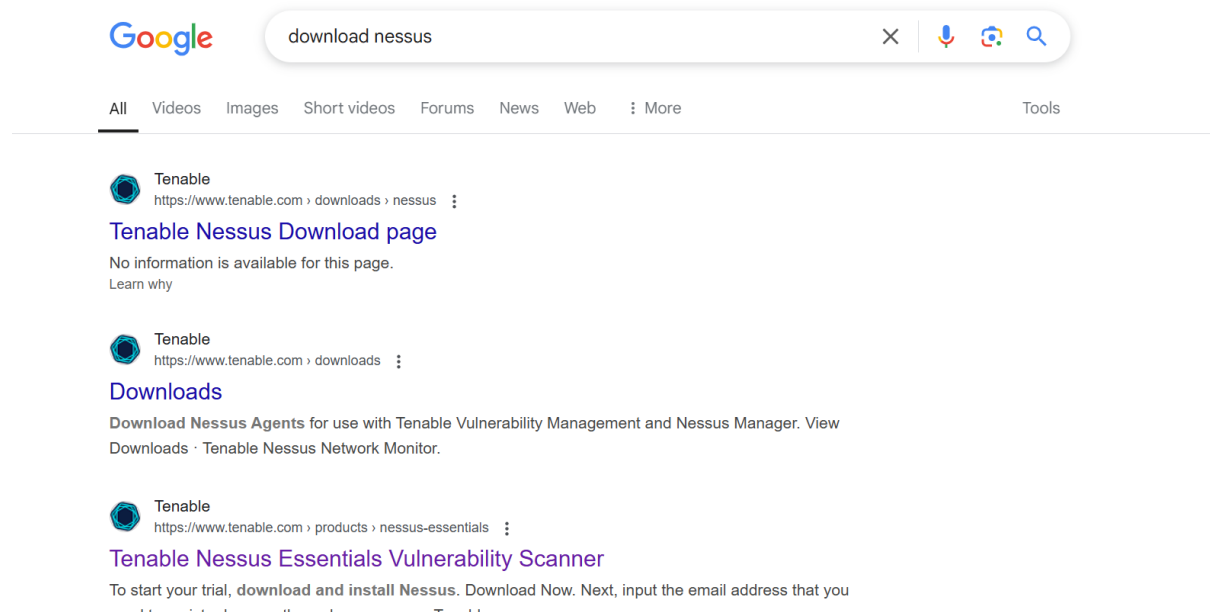
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Nessus is a popular **vulnerability scanner** used in cybersecurity to identify security weaknesses in systems, networks, and applications. It scans devices for known vulnerabilities like missing patches, misconfigurations, and insecure software. Nessus is widely used by security professionals for **vulnerability assessments** and **penetration testing preparation**. It's developed by Tenable and offers detailed reports to help fix issues before attackers can exploit them.

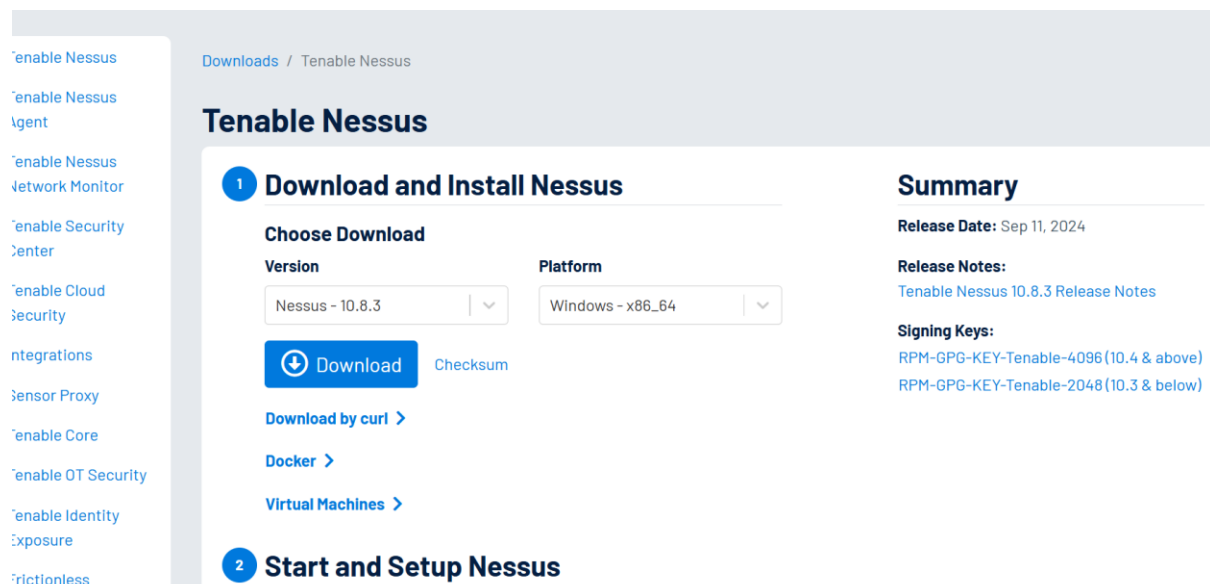
Basic Installation and Configuration Steps (All-in-One Setup)

Go to browser and search Wazuh in search bar

Visit the Tenable website



Click on Tenable Nessus



Select Version and platform and click on download button

After Download completed go to the terminal of Downloads Directory

And use command

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Sudo dpkg -i (Nessus file name)

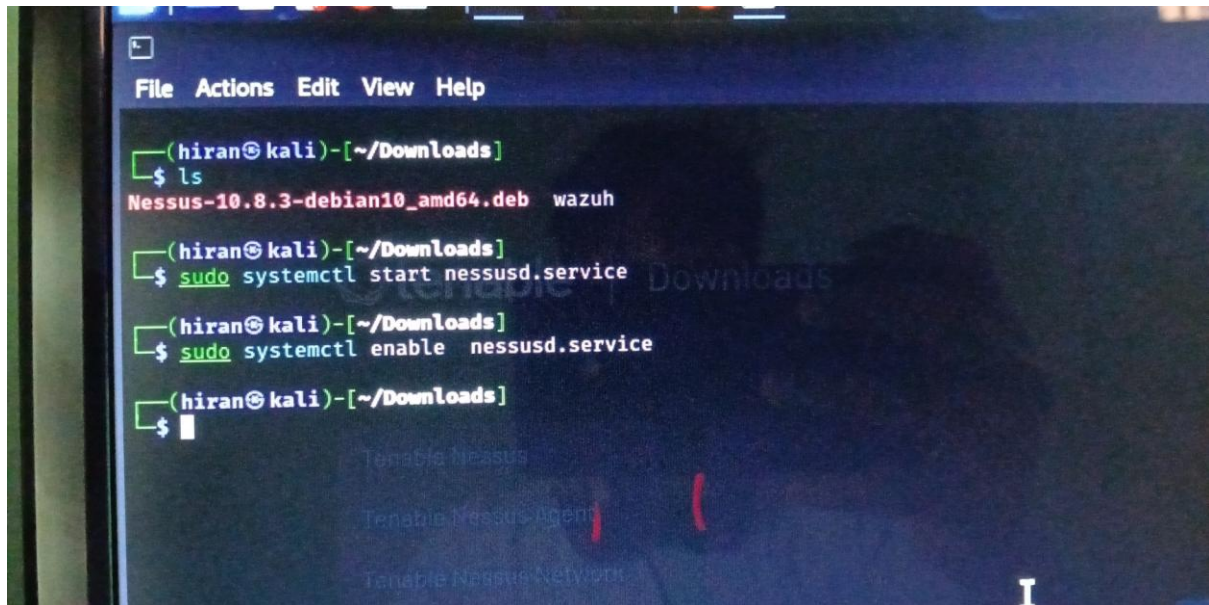
And hit enter

After download completed

Use the command

Sudo systemctl start Nessusd.service

Sudo systemctl enable Nessusd.service



```
File Actions Edit View Help

(hiran@kali)-[~/Downloads]
$ ls
Nessus-10.8.3-debian10_amd64.deb  wazuh

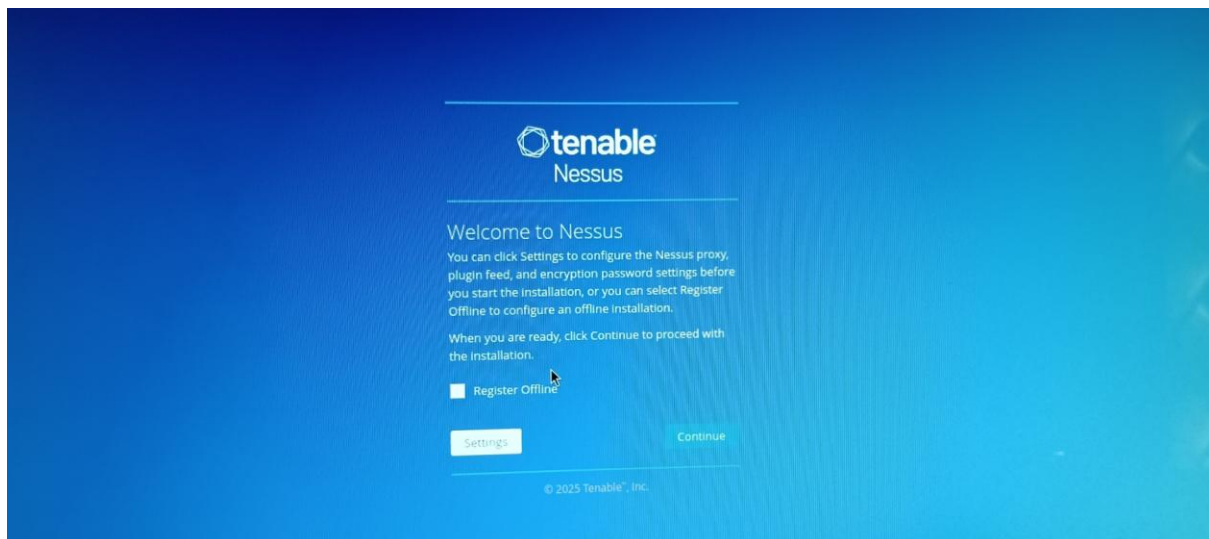
(hiran@kali)-[~/Downloads]
$ sudo systemctl start nessusd.service

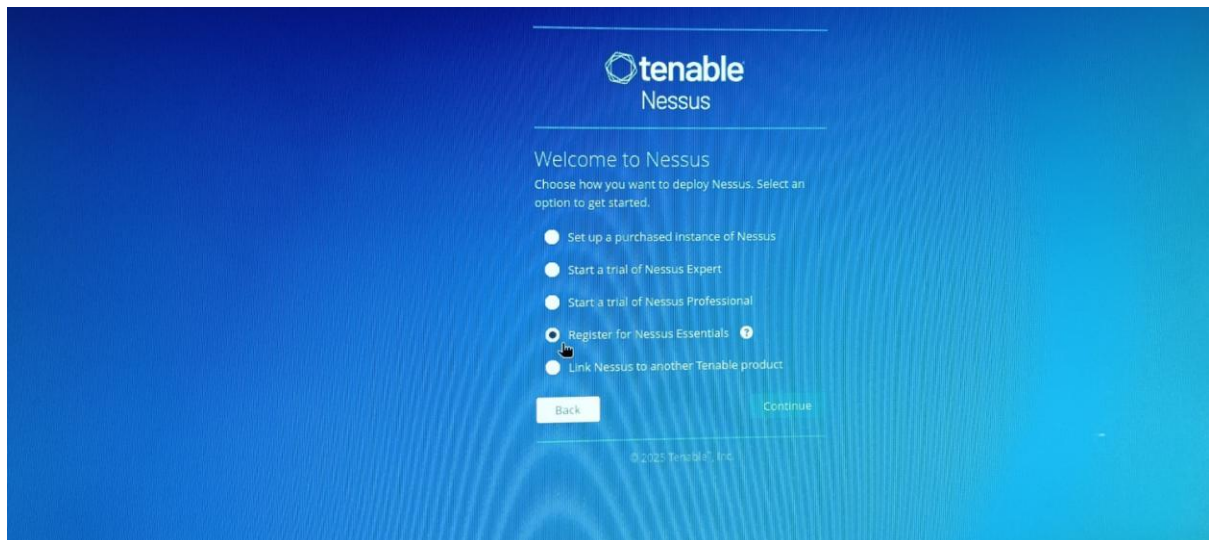
(hiran@kali)-[~/Downloads]
$ sudo systemctl enable nessusd.service

(hiran@kali)-[~/Downloads]
$
```

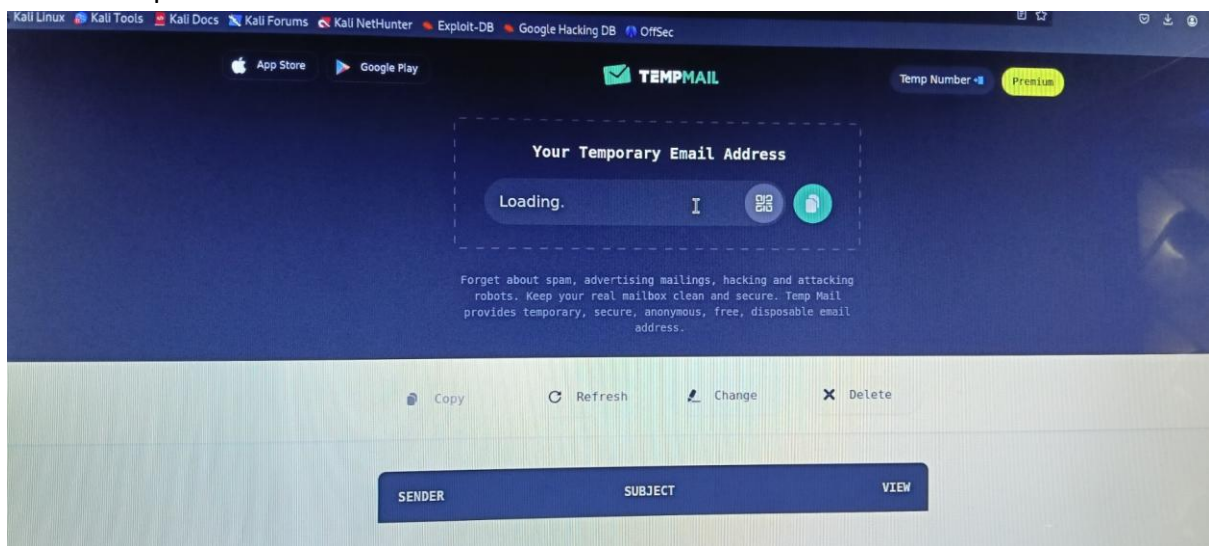
Now go to the browser and search

Kali:8843



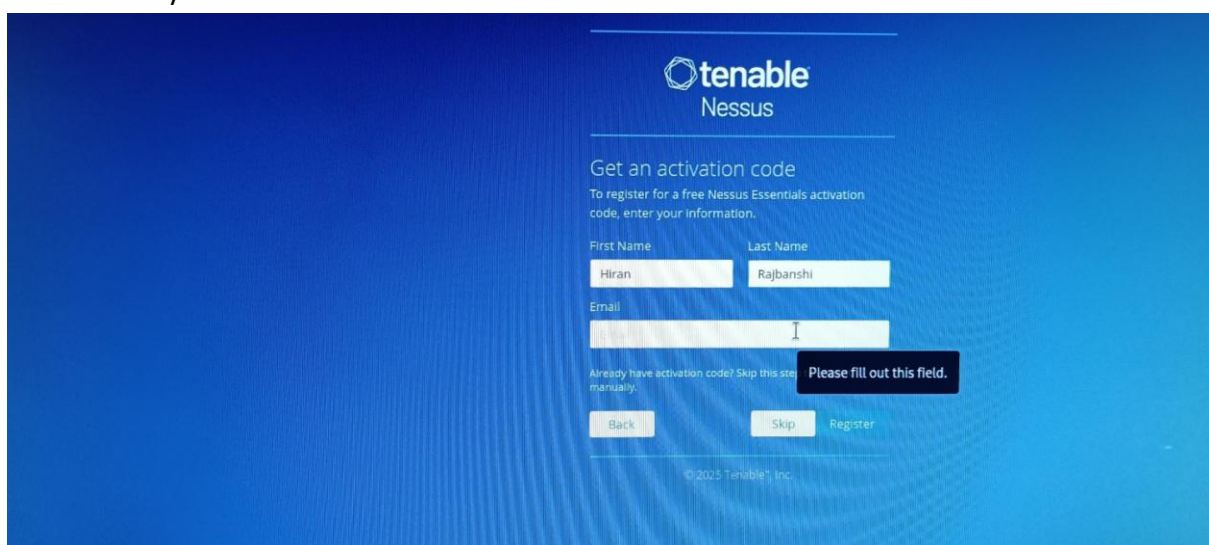


Search tempeamil



Copt the email address

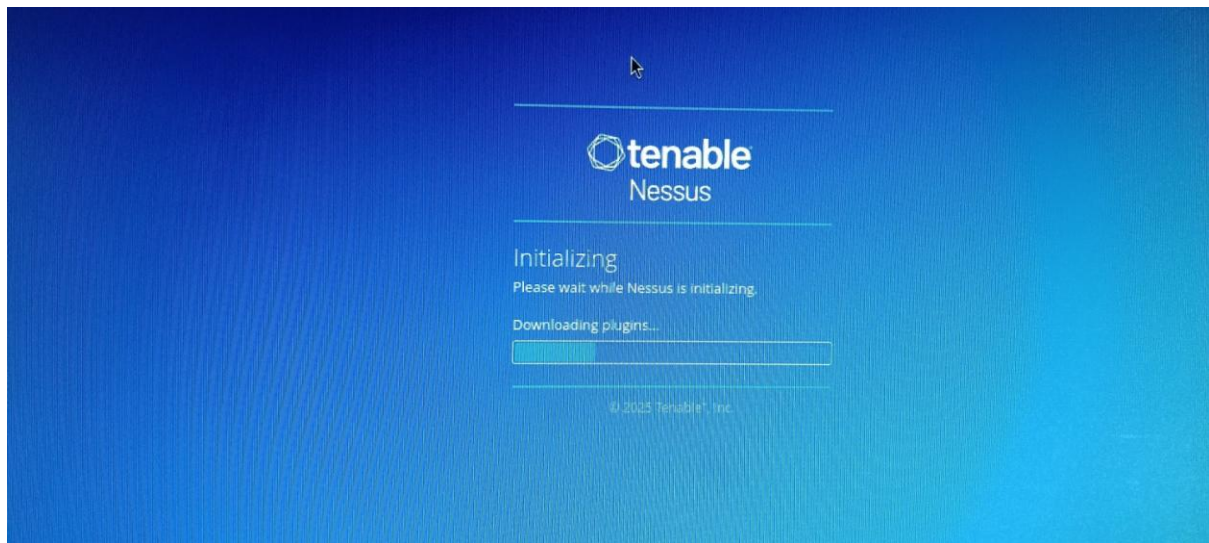
You can use your email also



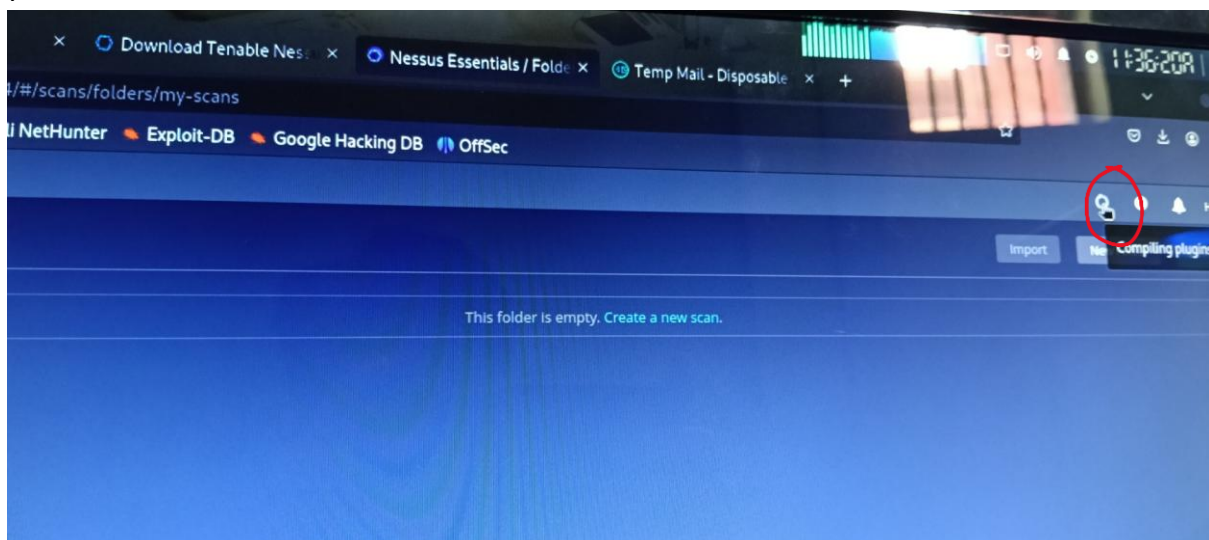
paste the email address and register it

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After registering it installation will start



you will enter to the dashboard of Nessus



It will take some time after completing it you are able to use it.
Click on new scan and enter the site url or ip address.