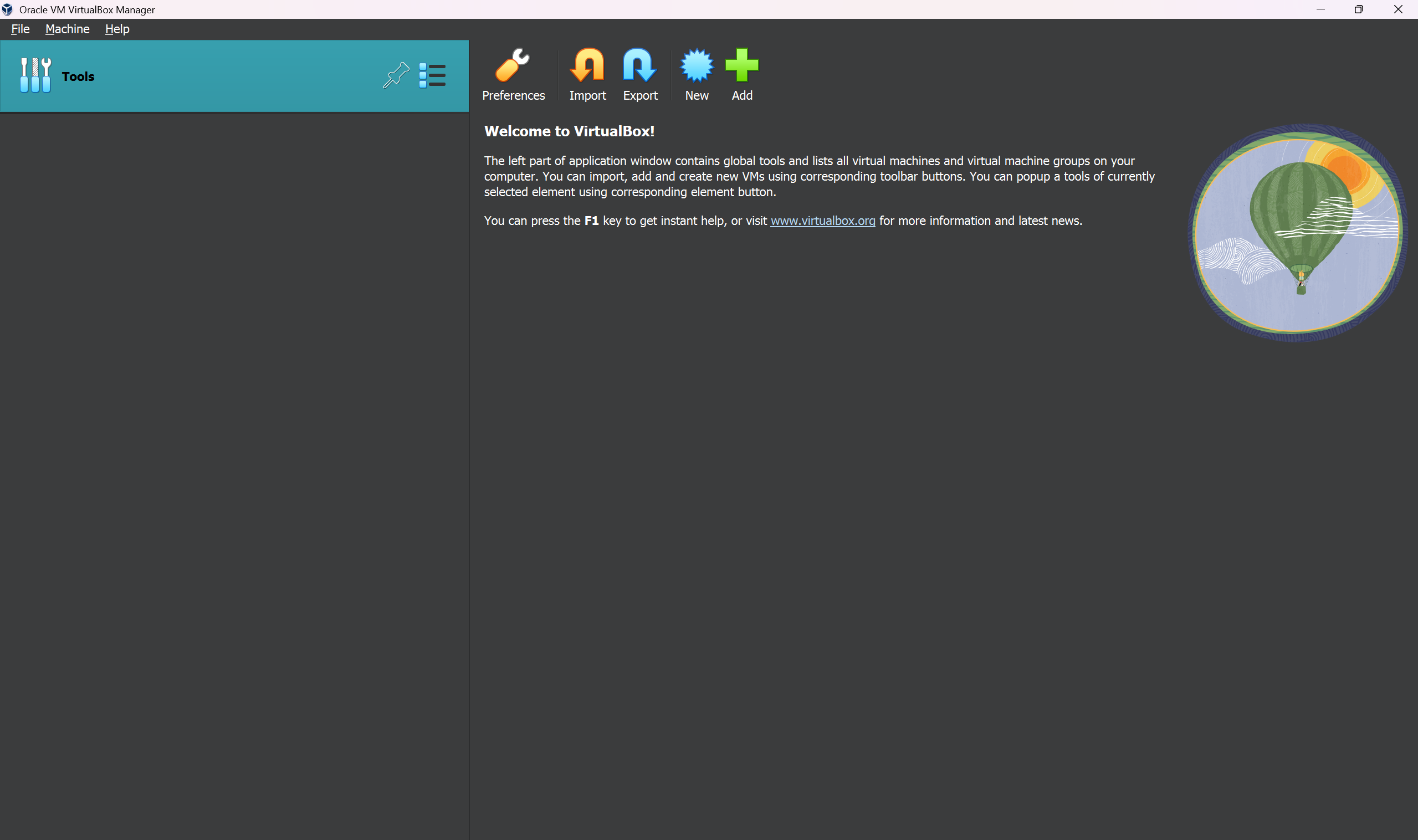
This phase one

1-installing virtualbox  


2-Set up a simulated e-commerce environment using OpenCart  
 01-sudo apt update && sudo apt upgrade -y

02-sudo apt install apache2 php php-my-sql my-sql-server unzip-y

03-create database

* + Sudo mysql -u root -p
  + CREATE DATABASE opencart;  
    CREATE USER 'opencartuser'@'localhost' IDENTFIED BY ‘StrongPassword’;
  + GRANT ALL PRIVILEGES ON opencart.\* TO 'opencartuser'@'localhost';  
    FLUSH PRIVILEGES;  
    EXIT;

04-Installing OpenCart

* cd /var/www/html  
  sudo rm index.html  
  sudo wget https://github.com/opencart/opencart/releases/download/4.0.2.3/upload.zip
* sudo unzip upload.zip
* sudo chown -R www-data:www-data /var/www/html  
  sudo chmod -R 755 /var/www/html

And then go to the browser and follow the installation steps from the browser.

Note:

Knowing the <IP address> on **Ubuntu (**WSL **or** virtualbox**) using this:  
 hostname -I on Ubuntu  
 or**

**ip addr show eth0  
 finally:**

**http://<your-ip-address-vm>  
some errors:**

**A-**   
**System has not been booted with systemd as init system (PID 1). Can't operate.**

**Failed to connect to bus: Host is down  
when using this command:**

**sudo systemctl status apache2**

**sudo systemctl status mysql**

**To start apache2 server the solution on change <systemctl>**

**Apache**

sudo service apache2 start   
**MySQL**  
sudo service mysql start

If you want to make sure they are working:

sudo service apache2 status

sudo service mysql status

B-

Error: Could not make a database link using opencartuser@localhost!

Message: No such file or directory: in /var/www/html/opencart/system/library/db/mysqli.php on line 40

MySQL is not running

Even if you created the user and database, if MySQL is not running, the connection will fail.

🔴 2. The socket is missing or WSL cannot communicate with localhost.

🔴 3. The information entered on the installation page is incorrect, such as the username, password, or database name.

Usinge:

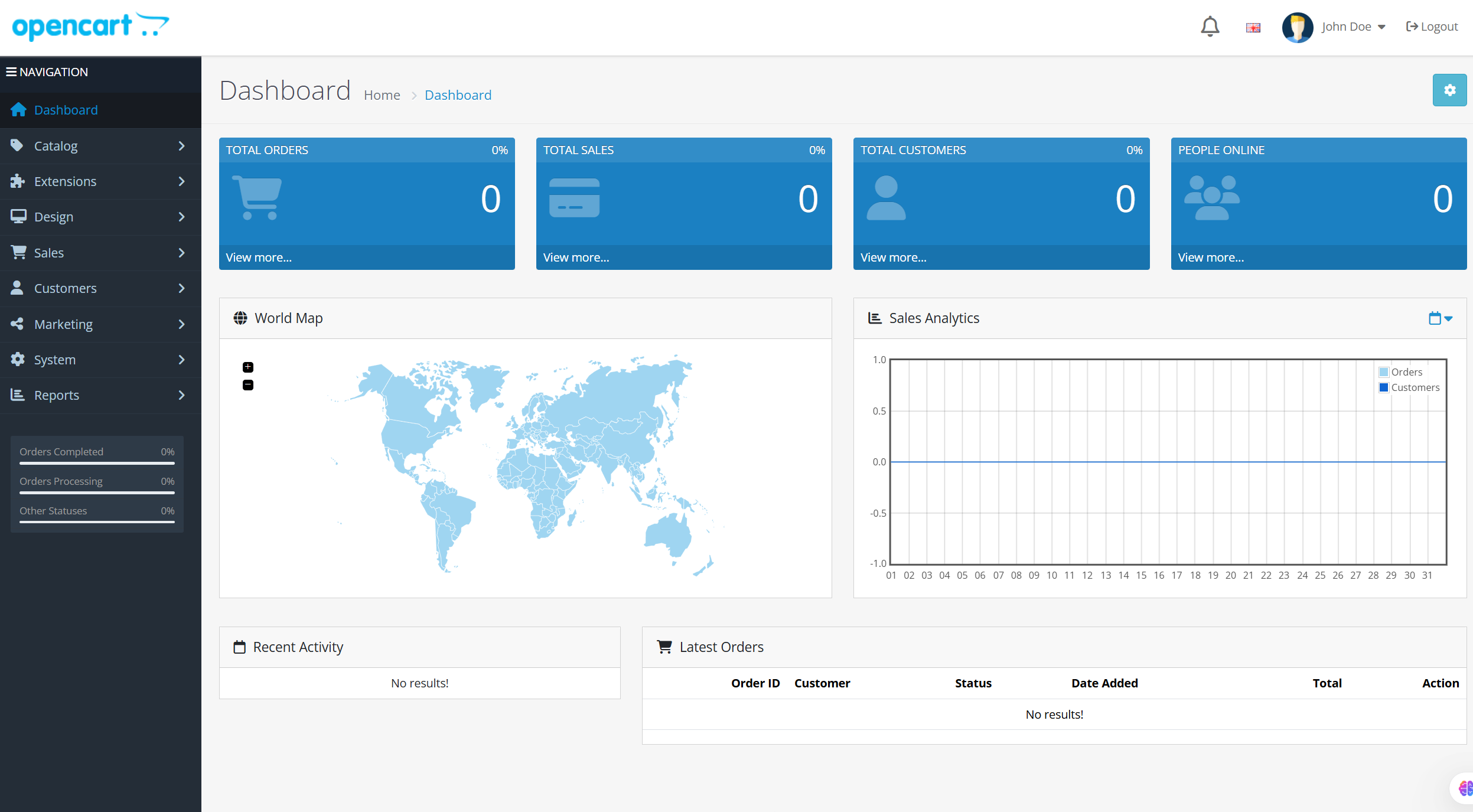
sudo service mysql start

**Then try to enter it:**

mysql -u opencartuser -p

* Host Host: <your-ip-address-vm>
* User: opencartuser
* Password: StrongPassword123
* Database: opencar

**Demo**

  
  
03-Self-study cybersecurity fundamentals and e-commerce security challenges

04-Install open-source tools for subsequent phases

01- Vulnerability Scanning- OpenVAS(greenbone)

sudo apt update

sudo apt install -y gvm   
 sudo gvm-setup

sudo gvm-check-setup

AND

sudo gvm-start  
<https://127.0.0.1:9392>

FIRSRT ERROR

If you work in WSL must do this or any commands has word system and doesn’t work apply this steps..

-notepad $env:USERPROFILE\.wslconfig  
 Add

- [wsl2]

systemd=true

-wsl –shutdown all in powershell

- ps -p 1 -o comm= in Ubuntu

If the output has system done ✅

If applay init(Ubuntu)

Do this :

PowerShell:

wsl -l -v

Ubuntu Running 2 the output version must be v2

If not do wsl --set-version Ubuntu 2

And go ubuntu to applay system

sudo nano /etc/wsl.conf

add

[boot]

systemd=true

click Ctrl+o then Enter and ctrl+x

and exit from wsl

in powershell:

wsl –shutdown

and open ubuntu again

applay ps -p 1 -o comm=

if the output is :

system then the problem is done ✅

Finally turn on OpenVAS/GVM:

sudo systemctl start postgresql

sudo gvm-setup

A screen shot of a computer

AI-generated content may be incorrect.