

# Nemasis

# Installation

# Steps

Product Version: 14.0.1000.100

Document Version: NVA-I-1401

## Virtual Appliance details

ISO can be installed on following virtual environments

- VMware
- Microsoft Hyper-V
- Oracle Virtual Box

## Appliance details / Minimum system requirements

- 64-bit Debian based Linux OS
- 2 CPUs
- 8 GB RAM
- 20 GB HDD

## Installing Nemasis on a Virtual Machine

1. Launch host VMWare/ Hyper-V/ Virtual Box.
2. Create a new guest virtual machine.
3. Use the nemasis va ISO image for the guest OS.
4. Click **Next** to proceed for the installation.

## Installing Nemasis on a Physical System

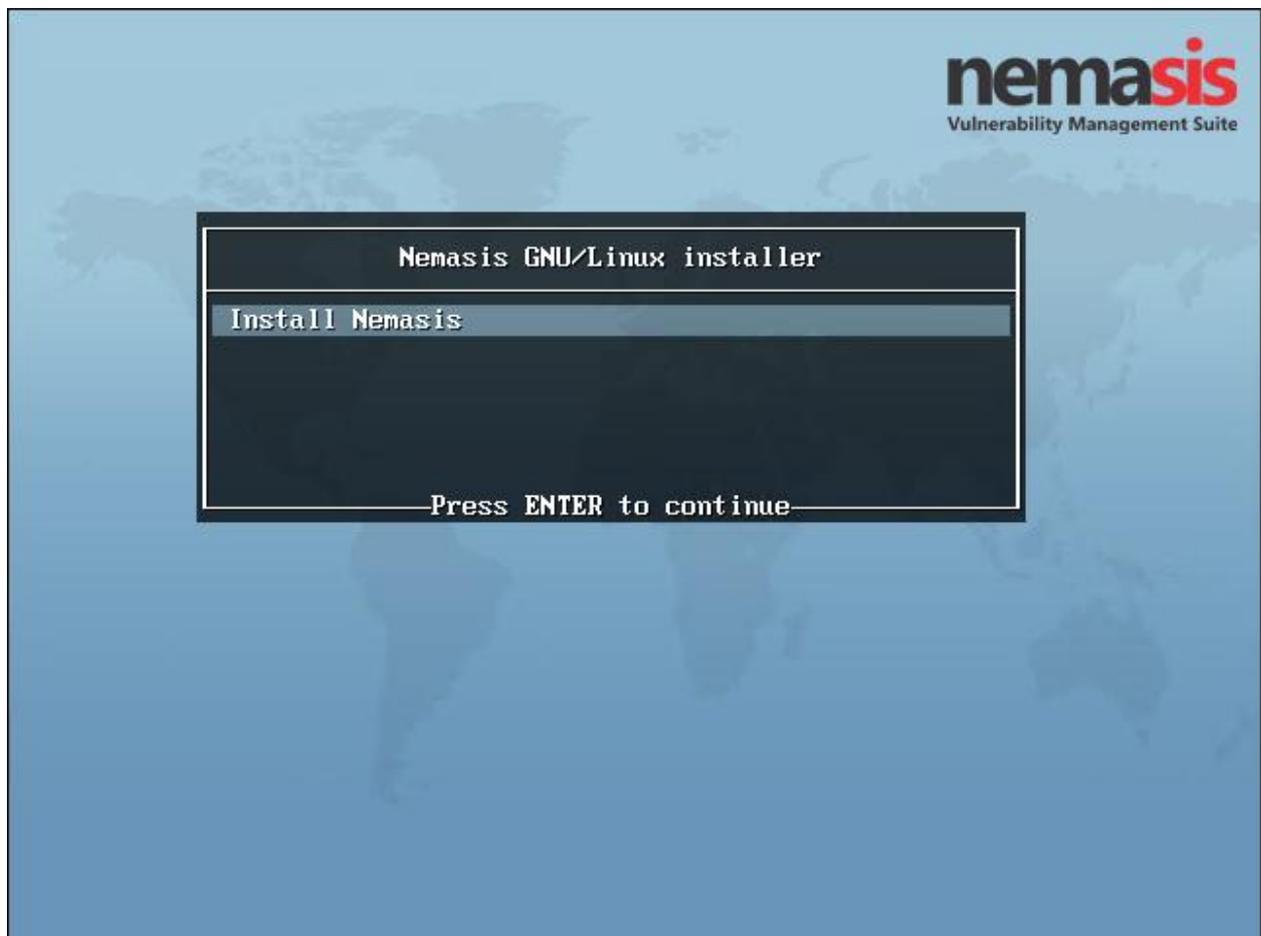
### A. Non OS system

1. Ensure that you have a system which does not have any OS pre-installed.
2. Insert the nemasis va CD/DVD.
3. Proceed for the installation.

### B. Pre-installed OS system

1. Insert the nemasis va CD/DVD.
2. Create the desired partition for the installation.
3. Proceed for the installation.

1. After booting from CD, press **Enter** to begin the installation process. Refer to Figure 1.



**Figure 1**

2. Select the language of your preference for installation and then click **Continue**. Refer to Figure 2.



Figure 2

3. Select your country and then click **Continue**. Refer to Figure 3.

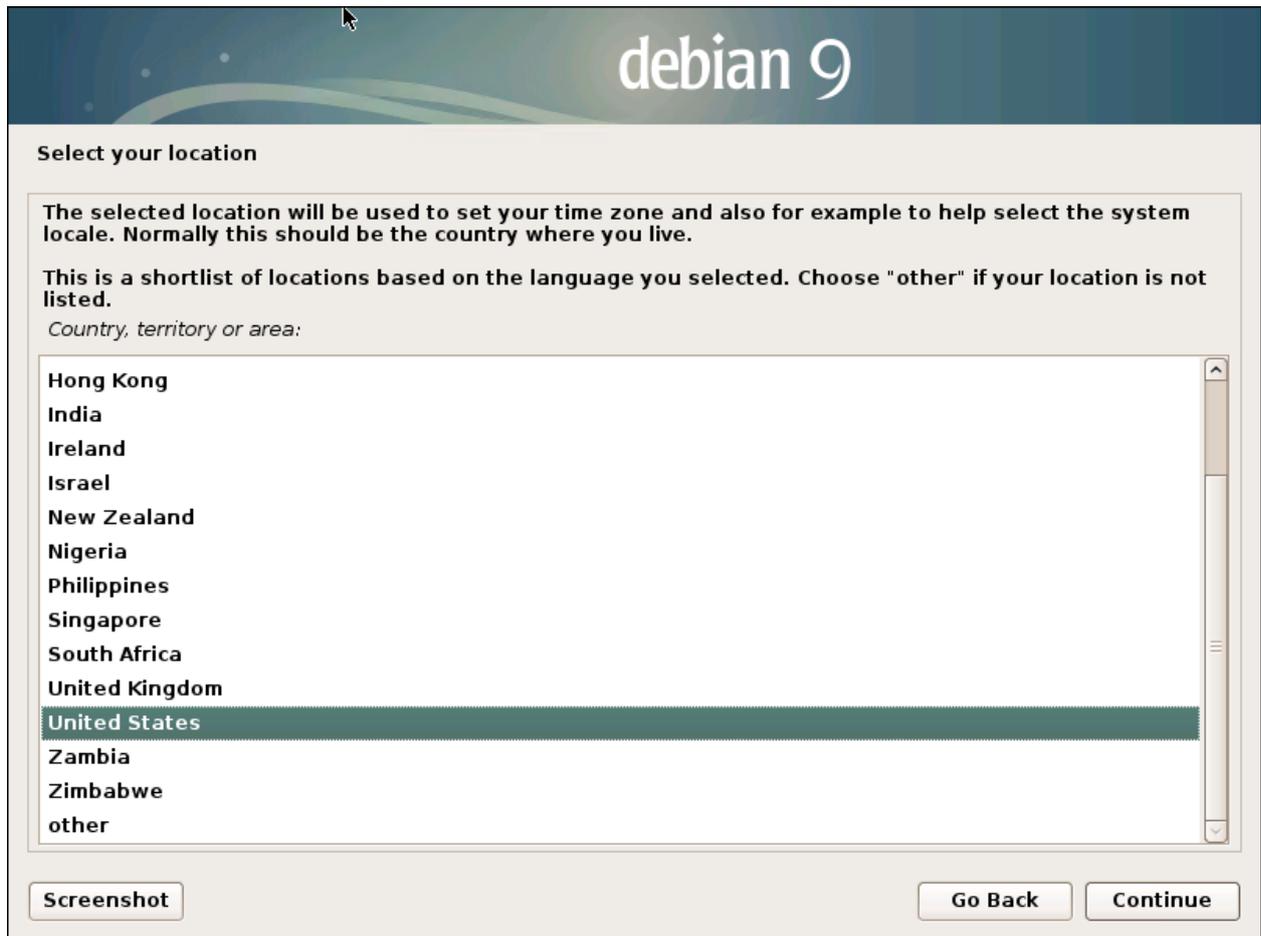


Figure 3

4. Select the keymap of your preference and then click **Continue**. Refer to Figure 4.

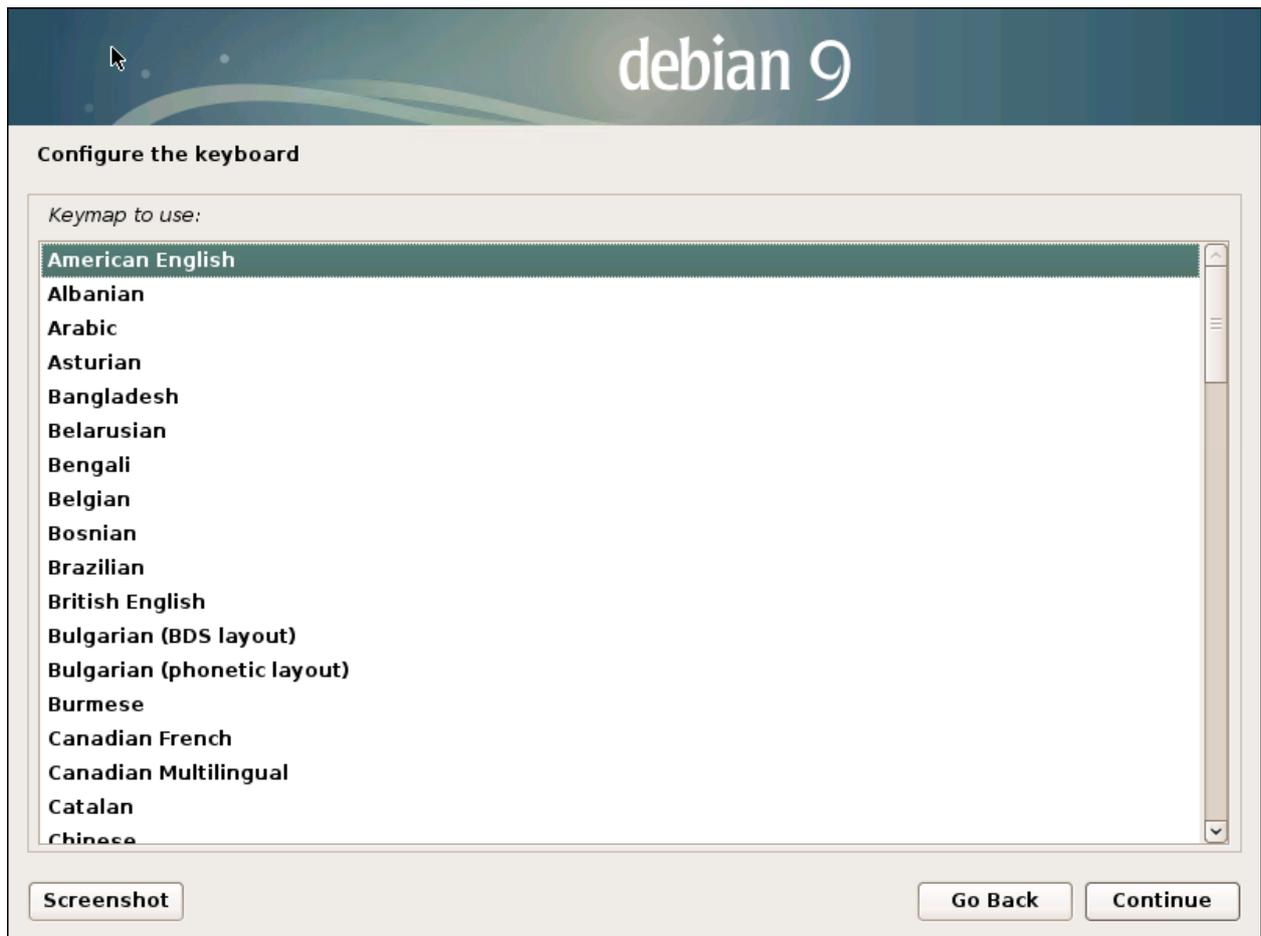


Figure 4

A window appears displaying ongoing installation process. Refer to Figure 5.

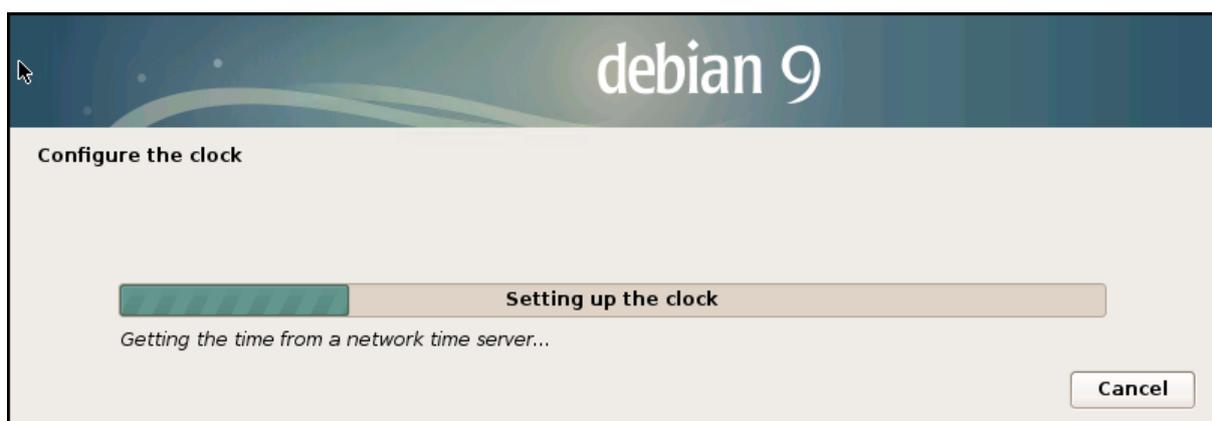


Figure 5

Configure the clock according to your region and then click **Continue**. Refer to Figure 6.

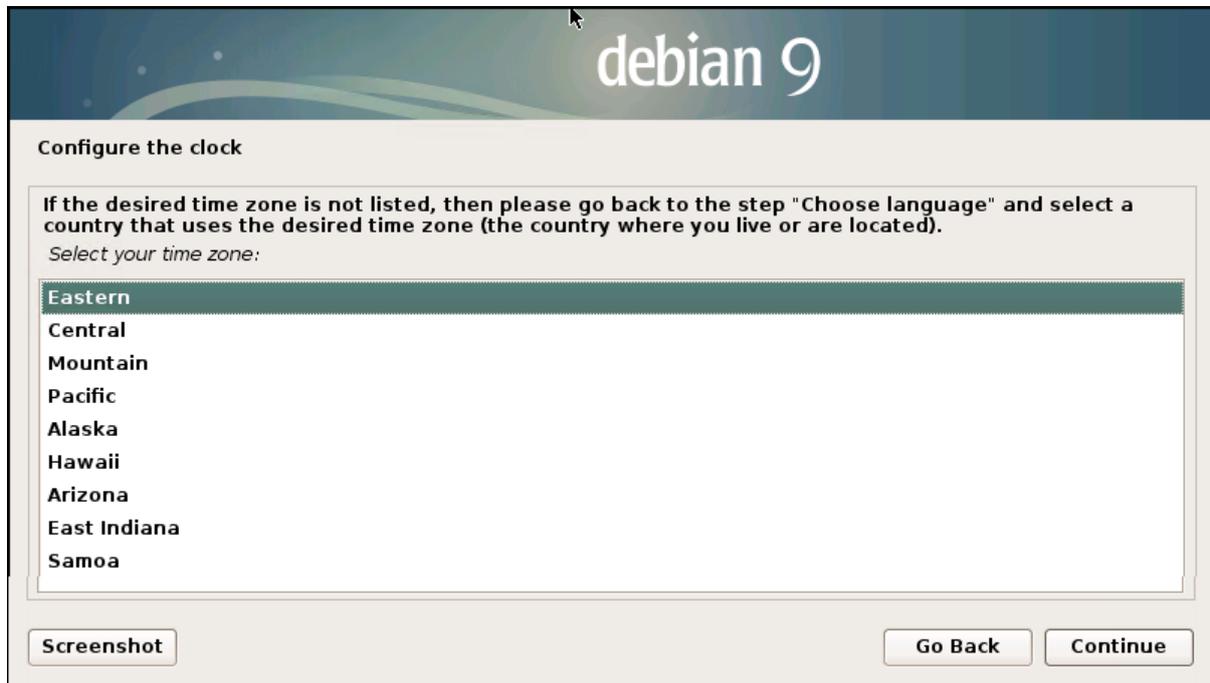


Figure 6

5. The installation wizard proceeds to make partitions on the disk. Select **Yes** and then click **Continue**. Refer to Figure 7.

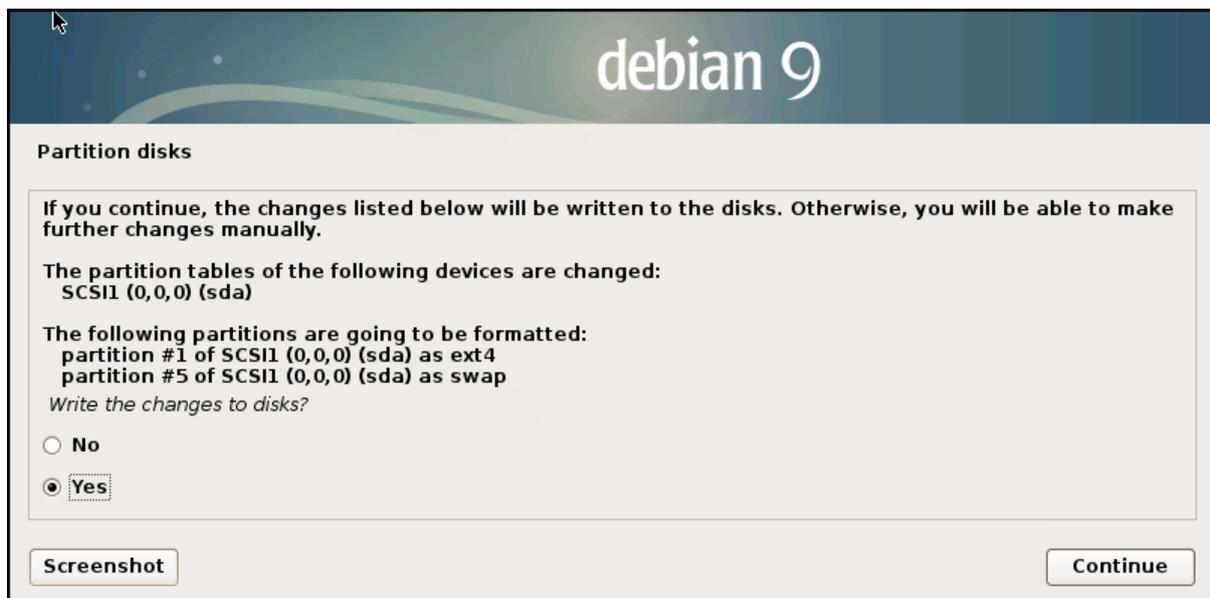


Figure 7

A window appears displaying ongoing installation process. Refer to Figure 8.



Figure 8

6. The Grub PC package window appears. Please read the instructions carefully. Select the drive of your preference and then click **Continue**. Refer to Figure 9.

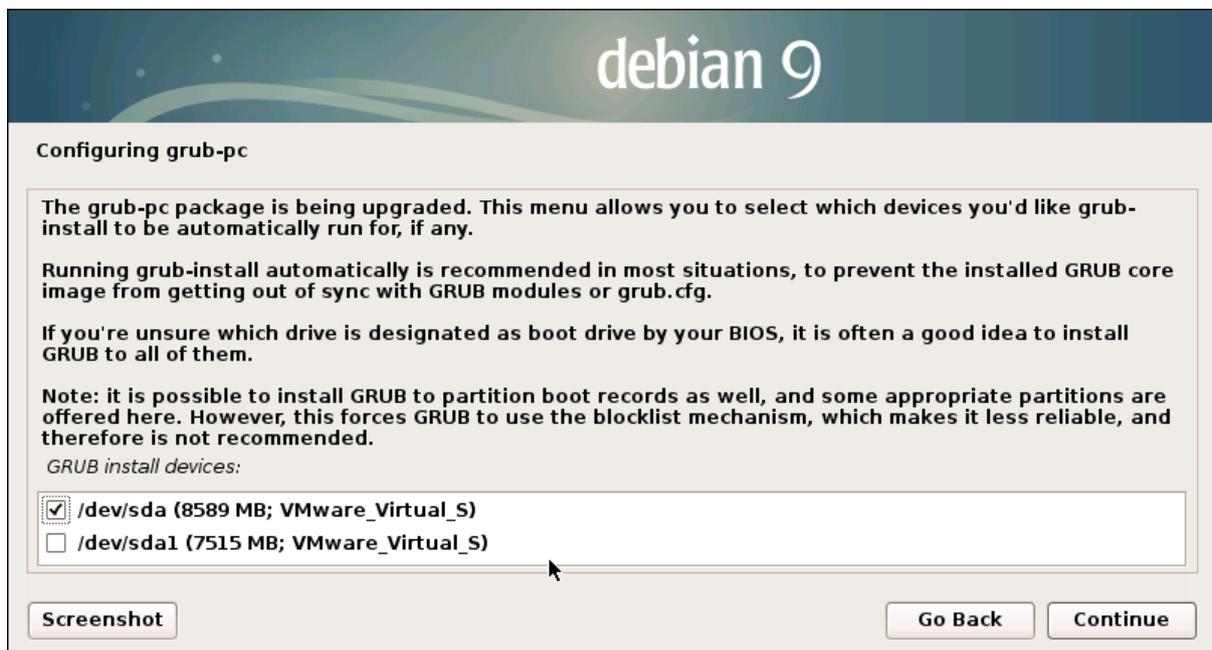


Figure 9

A window appears displaying ongoing installation process. Refer to Figure 10.



**Figure 10**

Configure the package manager window appears displaying the configuration process. Refer to Figure 11.



**Figure 11**

7. The installation wizard asks whether you want to scan another CD or DVD. Select **No** and then click **Continue**. Refer to Figure 12.



Figure 12

8. Configure the package manager window appears. Select your Debian archive mirror country and then click **Continue**. Refer to Figure 13.

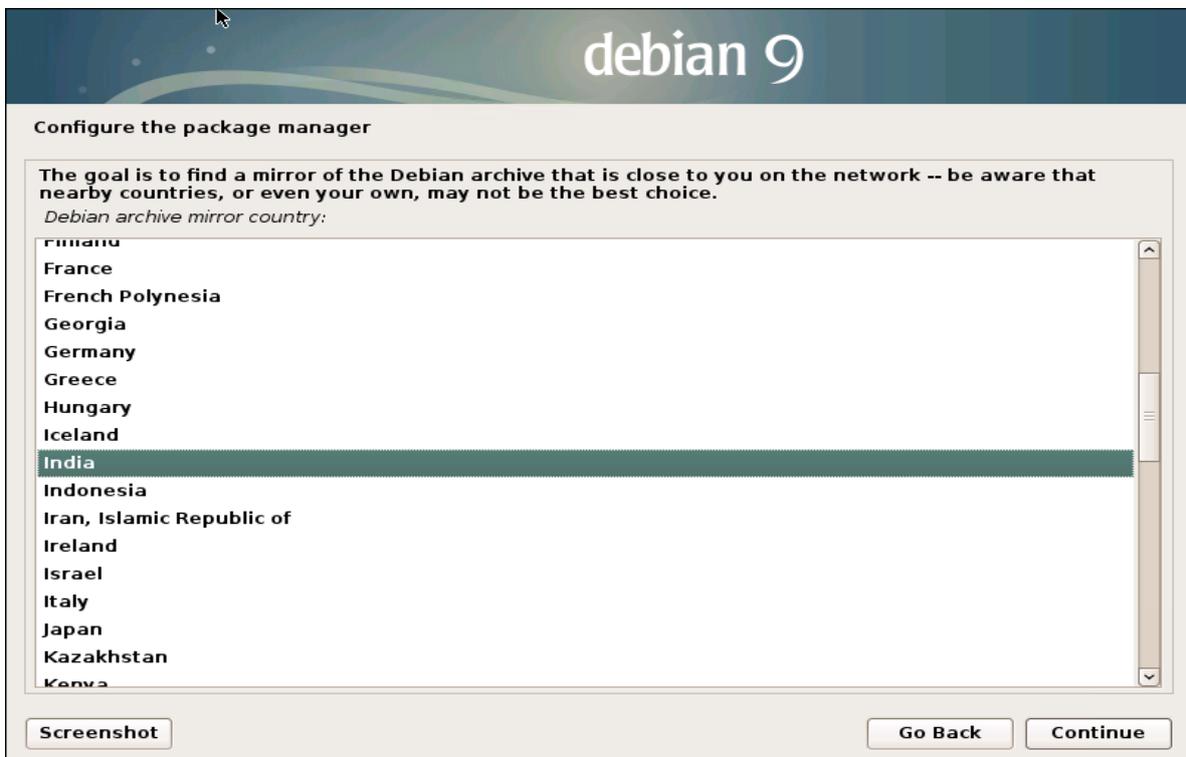


Figure 13

9. Select the Debian archive mirror for your country or region and then click **Continue**. Refer to Figure 14.

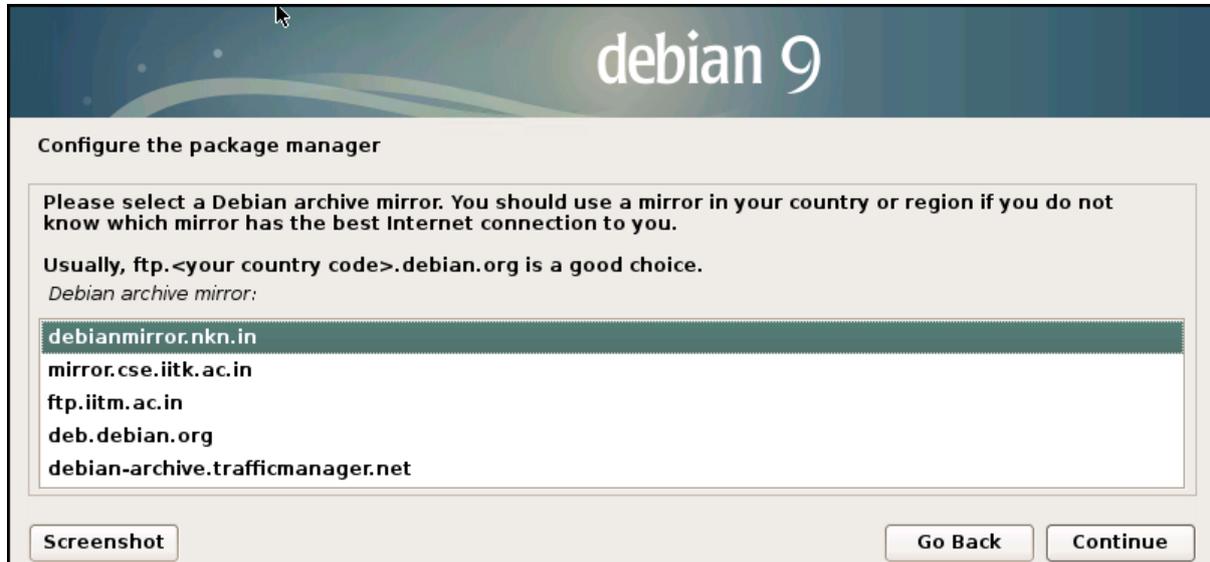


Figure 14

10. If you are not using a mirror, you may end up with very minimal base system. Select **Yes** and then click **Continue**. Refer to Figure 15.

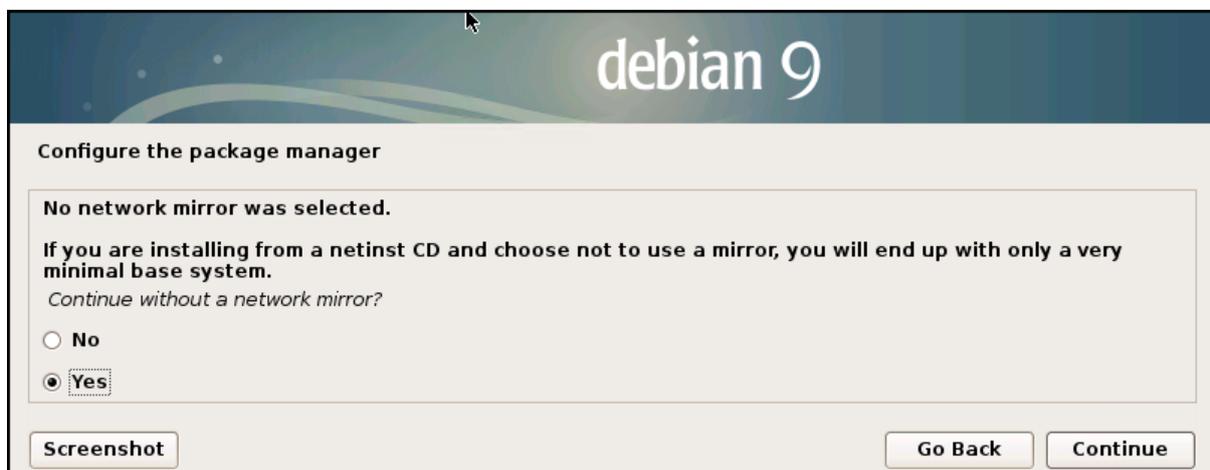


Figure 15

A window appears displaying installation in progress. Refer to Figure 16.



Figure 16

11. To proceed further, install the GRUB boot loader on a hard disk. You can even enter a device manually and select it for installation. It is recommended that you select the default option in the window. Select the hard disk and then click **Continue**. Refer to Figure 17.

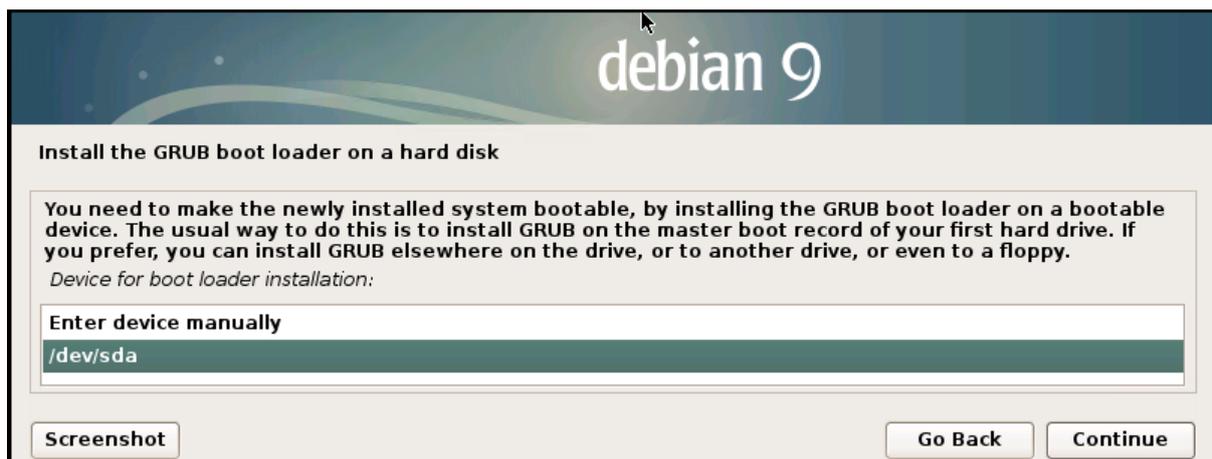


Figure 17

A window appears displaying GRUB boot loader installation in progress. Refer to Figure 18.



Figure 18

Nemasis starts loading on your system. Refer to Figure 19.

```
Loading Nemasis GNU/Linux 4.9.0-8-amd64 ...  
Loading initial ramdisk ...  
_
```

Figure 19

12. In order to complete the installation, specify the password for root user as shown in below screen. Refer to Figure 20.

```
You need to change the root password!  
Enter new UNIX password: _
```

Figure 20

13. Retype the password. Refer to Figure 21.

```
You need to change the root password!  
Enter new UNIX password:  
Retype new UNIX password:
```

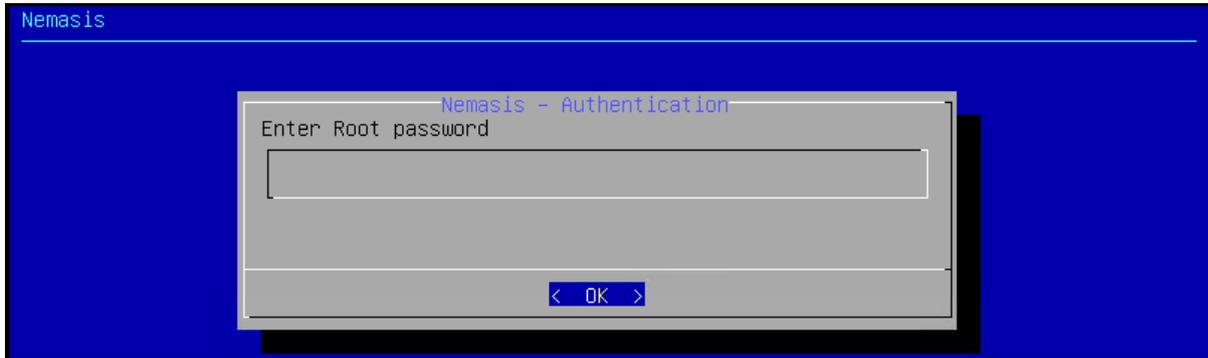
Figure 21

14. After retyping the password, press **Enter** to continue. Refer to Figure 22.

```
You need to change the root password!  
Enter new UNIX password:  
Retype new UNIX password:  
passwd: password updated successfully  
Press <Enter> to continue  
_
```

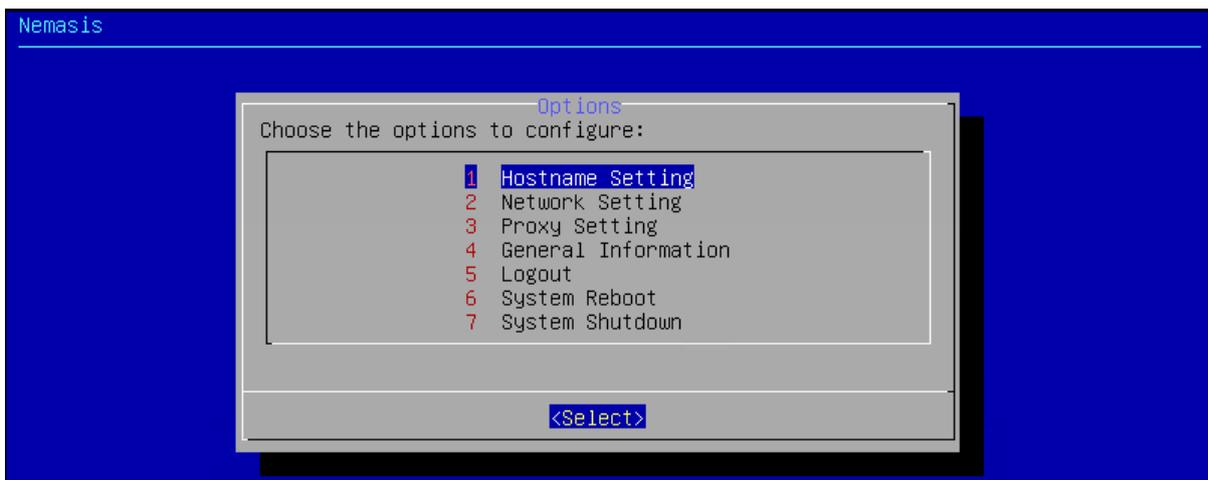
Figure 22

15. Nemasis loads up on your system. Type the root password and then press **Enter** to log in. Refer to Figure 23.



**Figure 23**

16. Nemasis configuration window appears. Choose the options to configure settings. Refer to Figure 24.



**Figure 24**

The configuration menu consists of following options.

1. **Hostname Setting** – These settings lets you modify your hostname.
2. **Network Setting** – These setting lets you modify your network settings.
3. **Proxy Setting** – These settings lets you modify the proxy settings for your server.
4. **General Information** – This section displays general information about Nemasis.
5. **Logout** – Selecting **Logout** will log you out of the Nemasis.
6. **System Reboot** – Selecting **System Reboot** will reboot your system.
7. **System Shutdown** – Selecting **System Shutdown** will shut down your system.

## Accessing Nemasis Console

1. Launch a web browser.
2. Enter the following URL in the address bar.  
https://<IP address of system in which Nemasis server is installed>:10442  
Nemasis login page appears.
3. Enter your login credentials and then click **Login**. Refer to Figure 25.

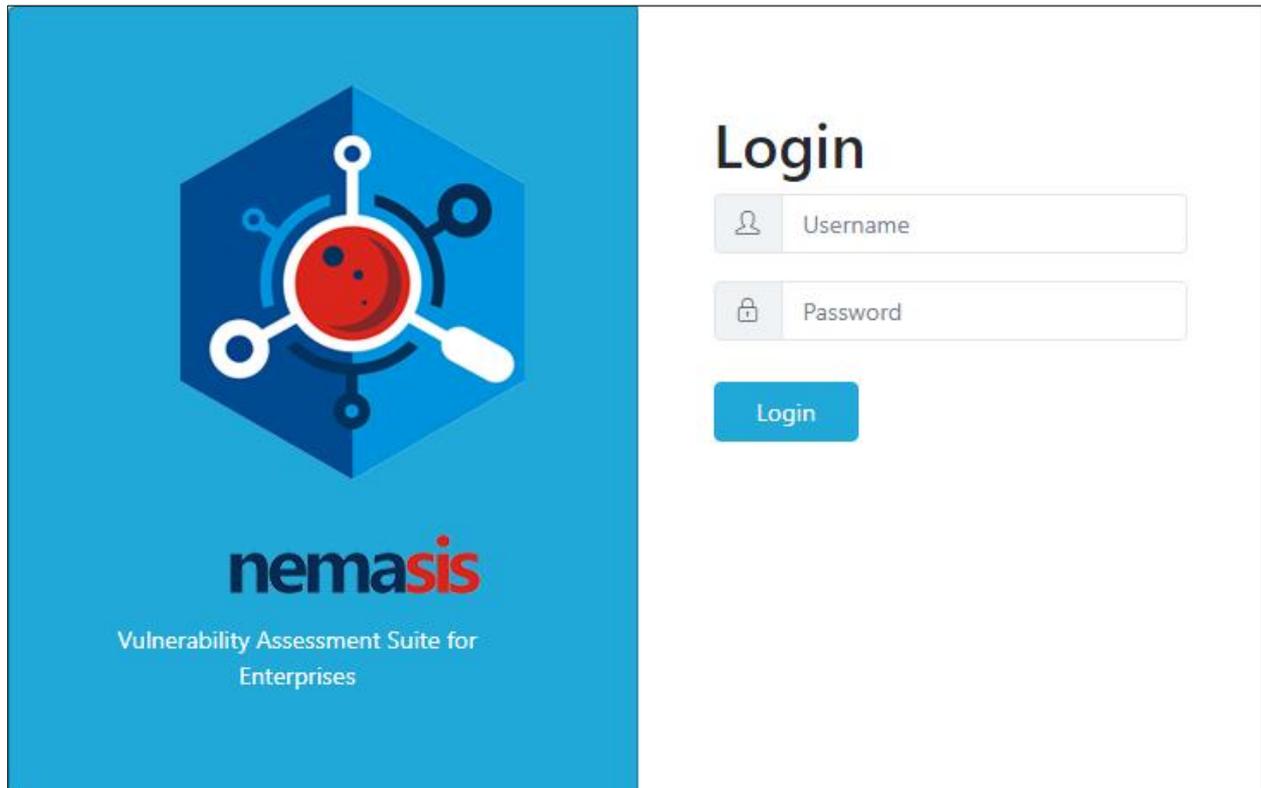
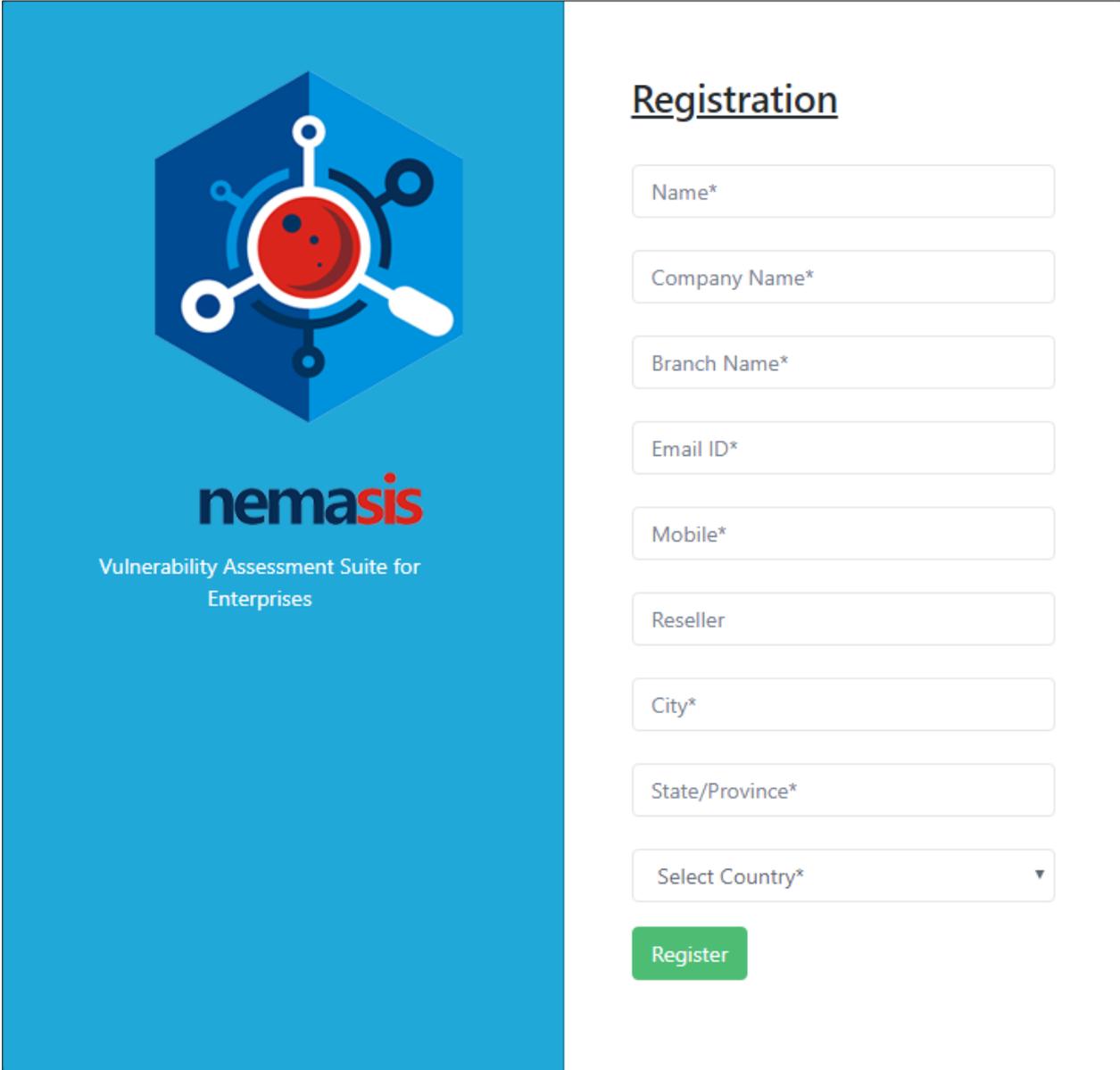


Figure 25

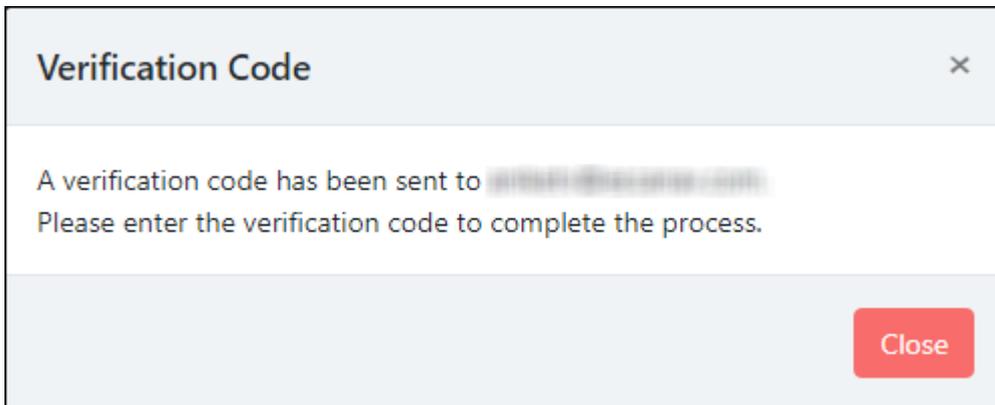
- Nemasis registration form appears.
4. Fill up the registration form and then click **Register**. Refer to Figure 26.



The image shows a registration form for Nemasis. On the left, there is a blue banner with the Nemasis logo (a stylized red and white circular icon with circuit-like elements) and the text "nemasis Vulnerability Assessment Suite for Enterprises". On the right, the form is titled "Registration" and contains several input fields: "Name\*", "Company Name\*", "Branch Name\*", "Email ID\*", "Mobile\*", "Reseller", "City\*", "State/Province\*", and "Select Country\*" (a dropdown menu). A green "Register" button is located at the bottom of the form.

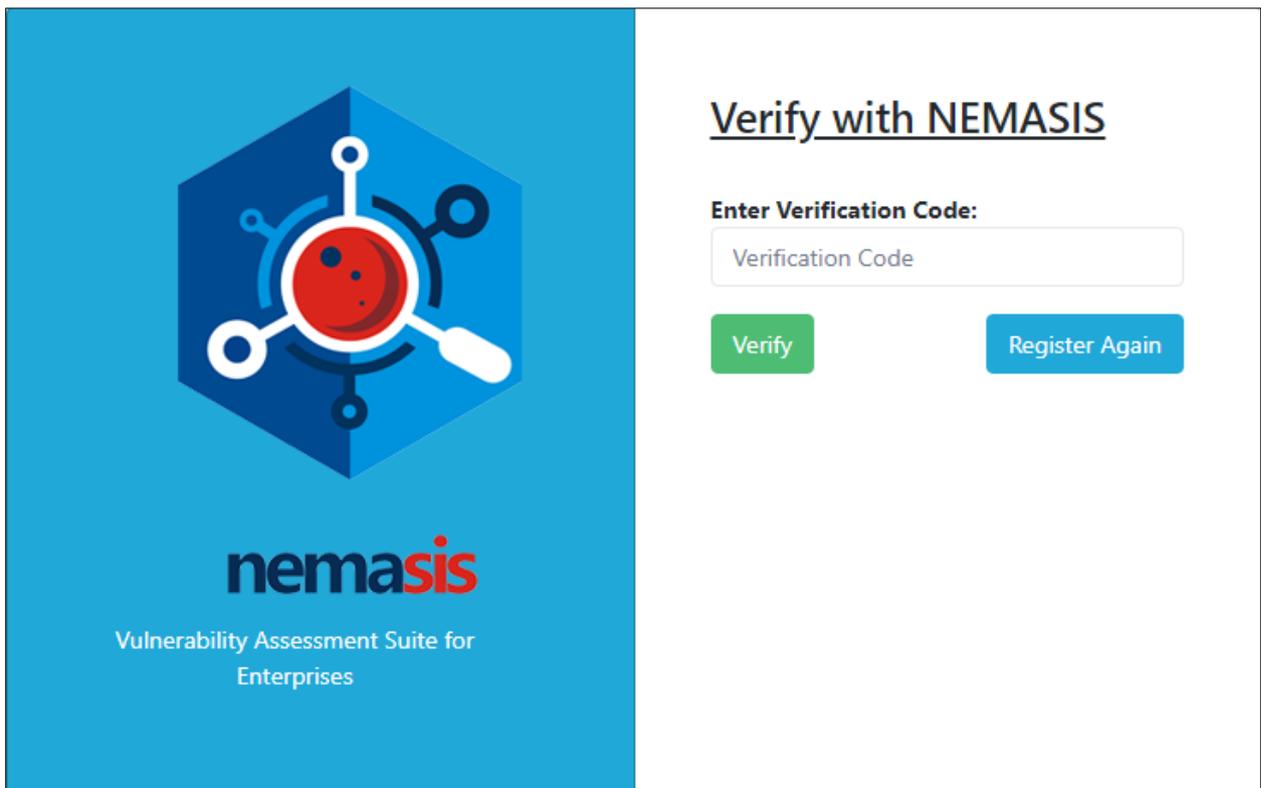
Figure 26

A message appears stating that an email containing a verification code is sent to the registered email ID. Refer to Figure 27.



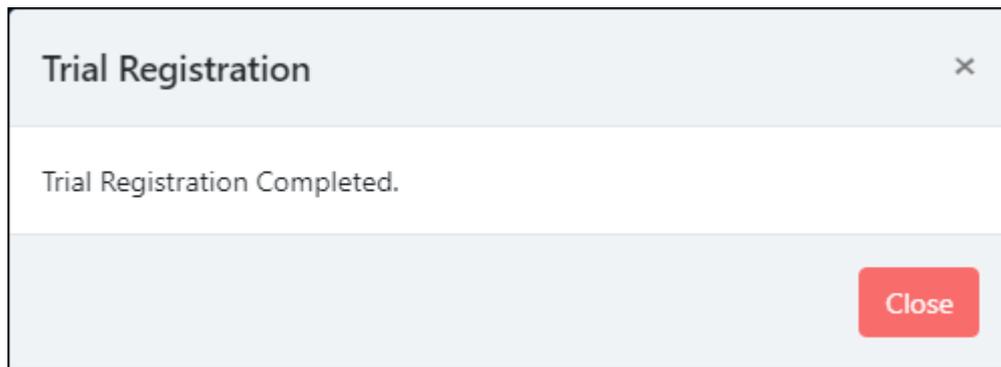
**Figure 27**

5. Enter the verification code and then click **Verify** to complete the registration process. Refer to Figure 28.



**Figure 28**

After registering successfully a message appears. Refer to Figure 29.



**Figure 29**

Your Nemasis trial account is now activated. The trial version is valid for 7 days and lets you scan 15 IPs.