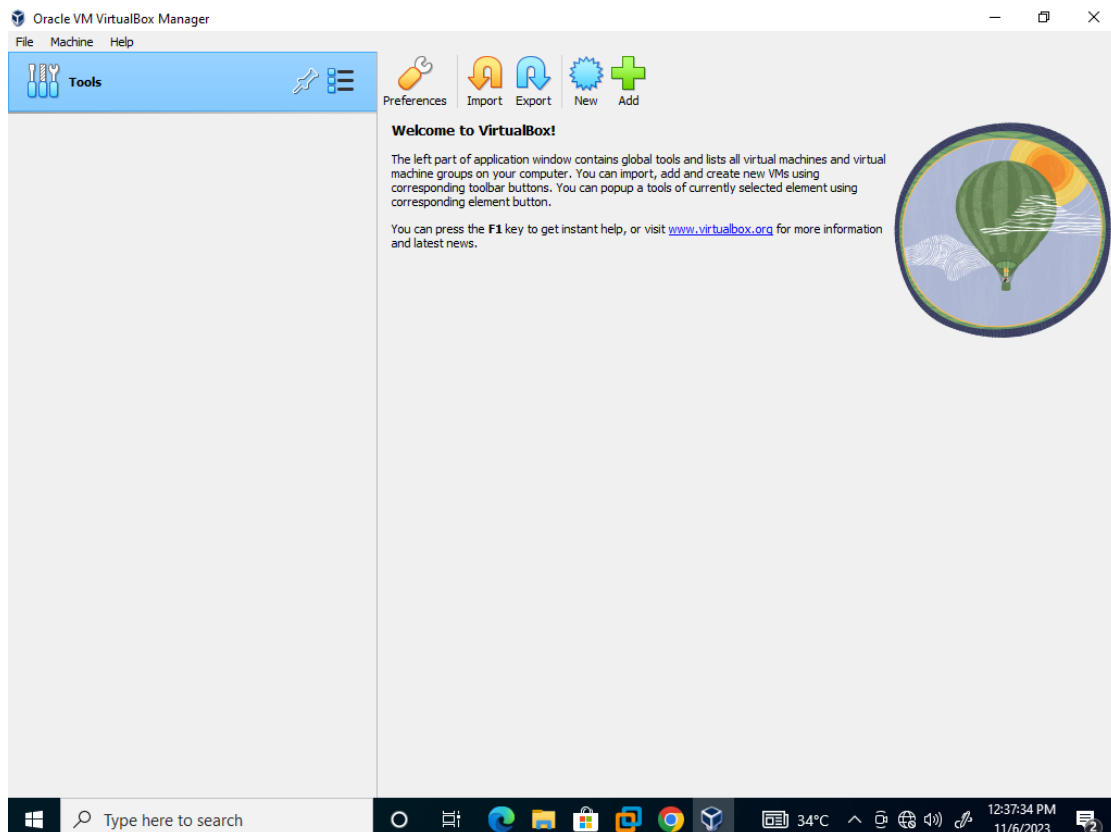


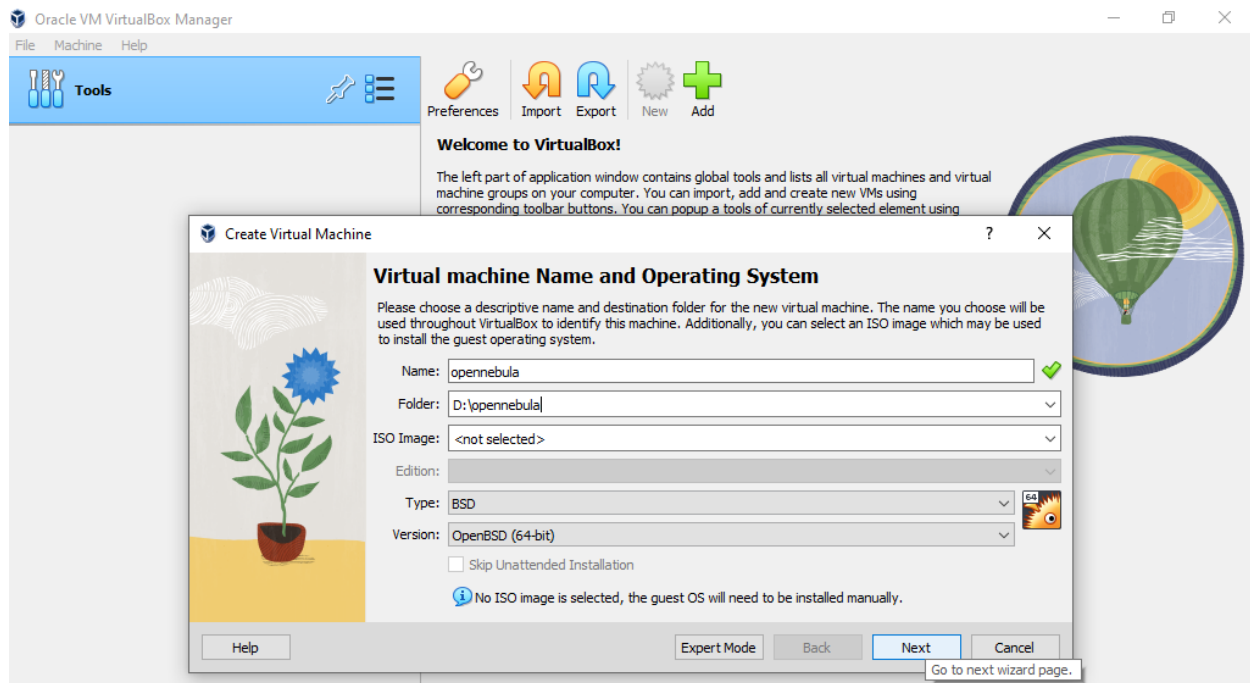
Practical No. :- 10

AIM :- Implement OpenNebula

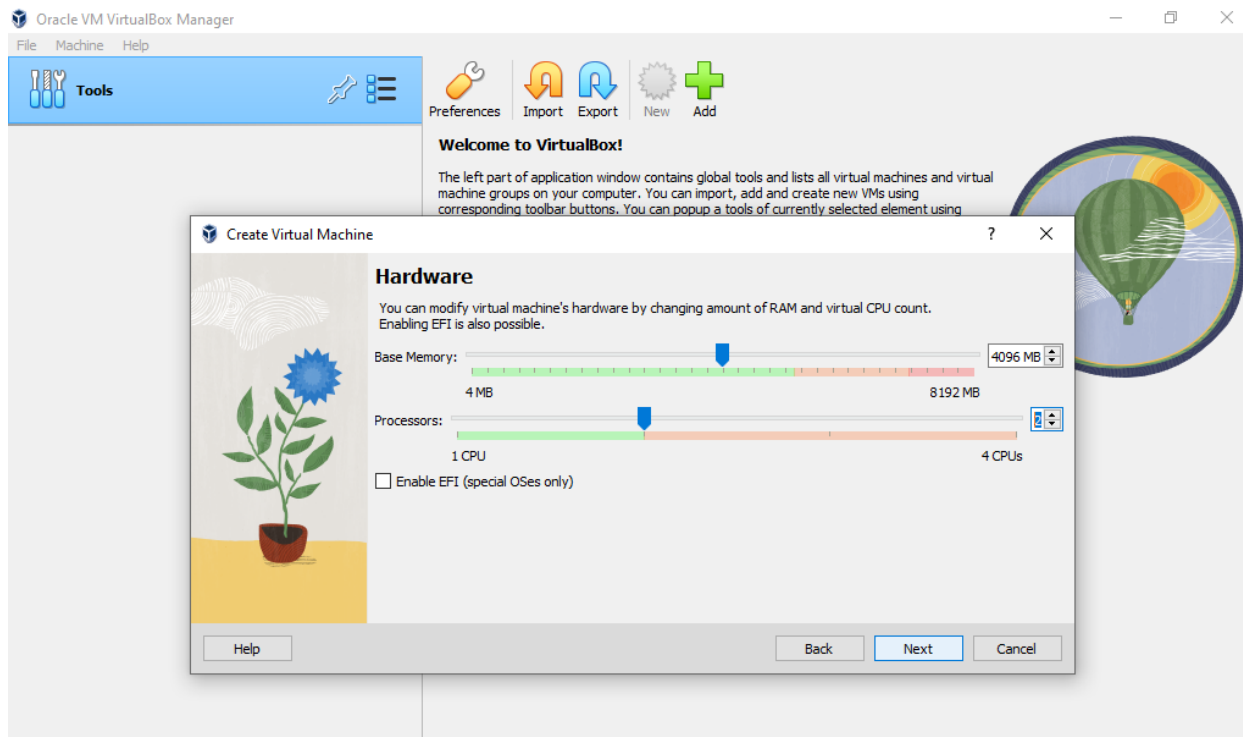
1. Install Virtual Box
2. Choose the location where you want to install the Open Nebulla.
3. Click on Yes to proceed with the installation.
4. Click on Install to start the installation.
5. Your Oracle VM virtual box is installed successfully, now open it.
6. Welcome to VirtualBox page will open.
7. Click on add to add the new virtual machine.



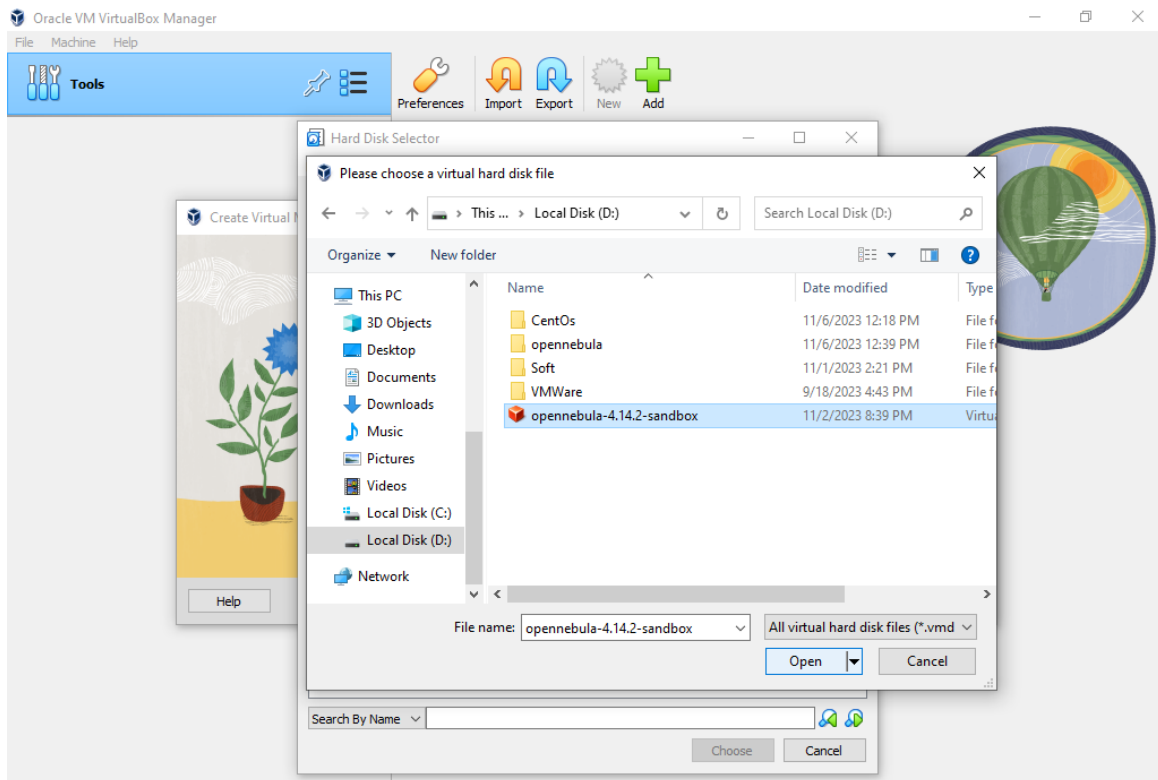
8. Enter the name and location of the virtual machine and OS and click on next



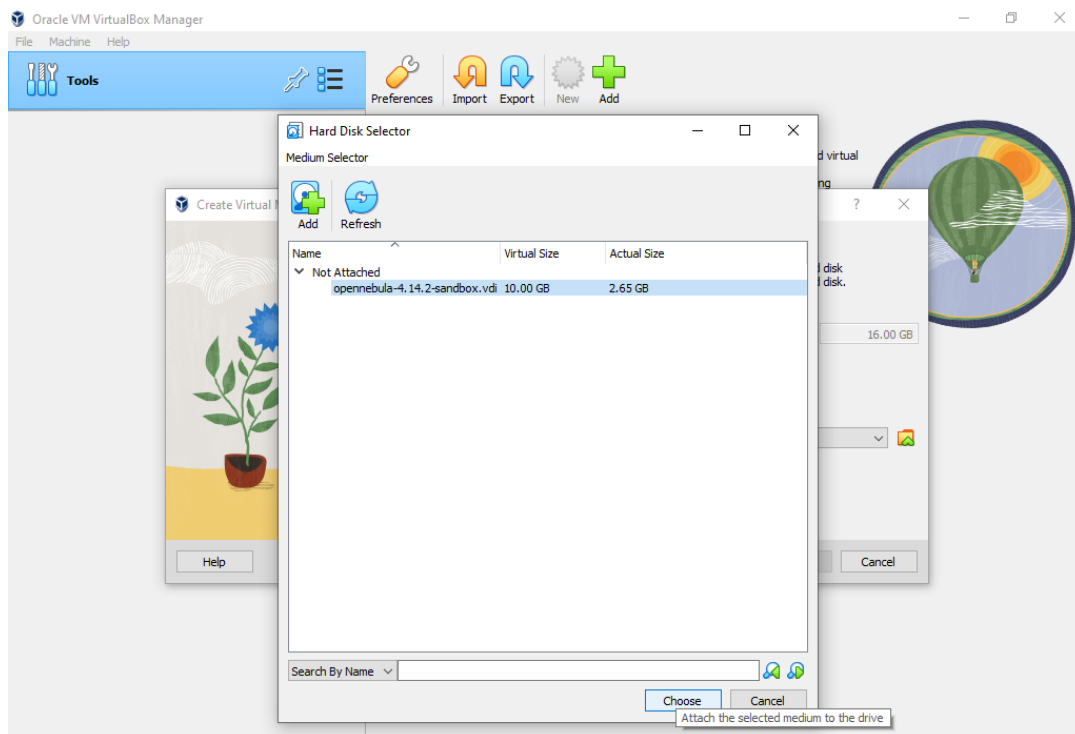
9. Set the Base Memory as 4GB and Processors as 2 and click on next.



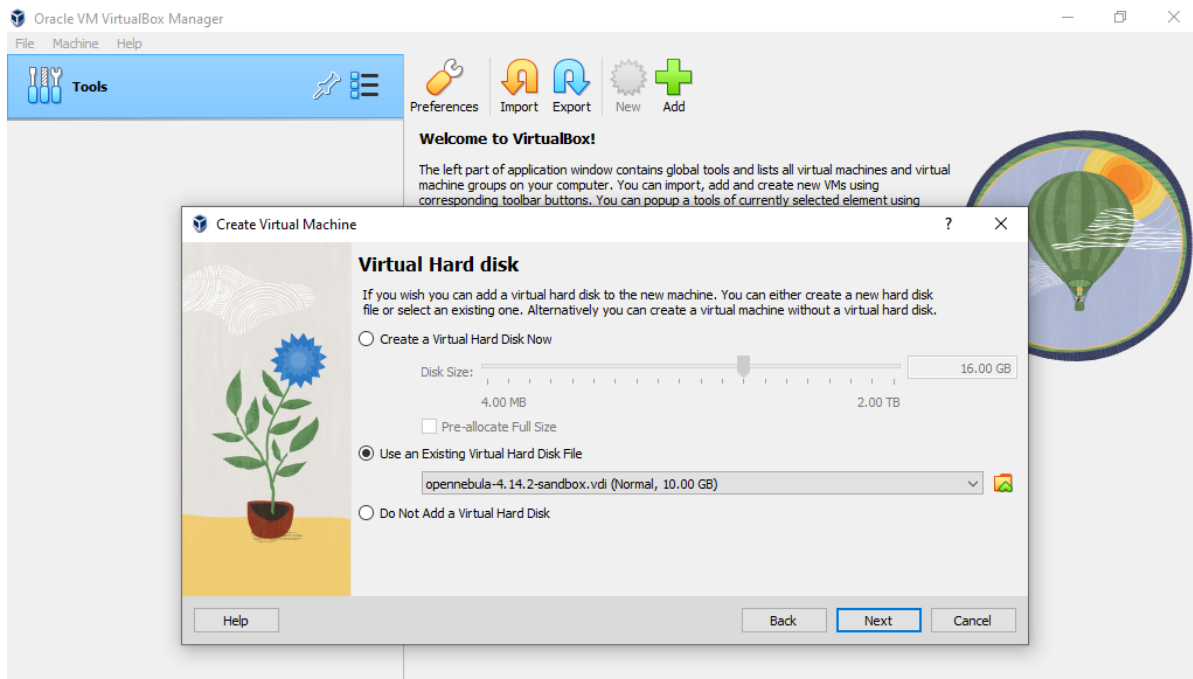
10. Select the location of opennebula, which you already have in the system.



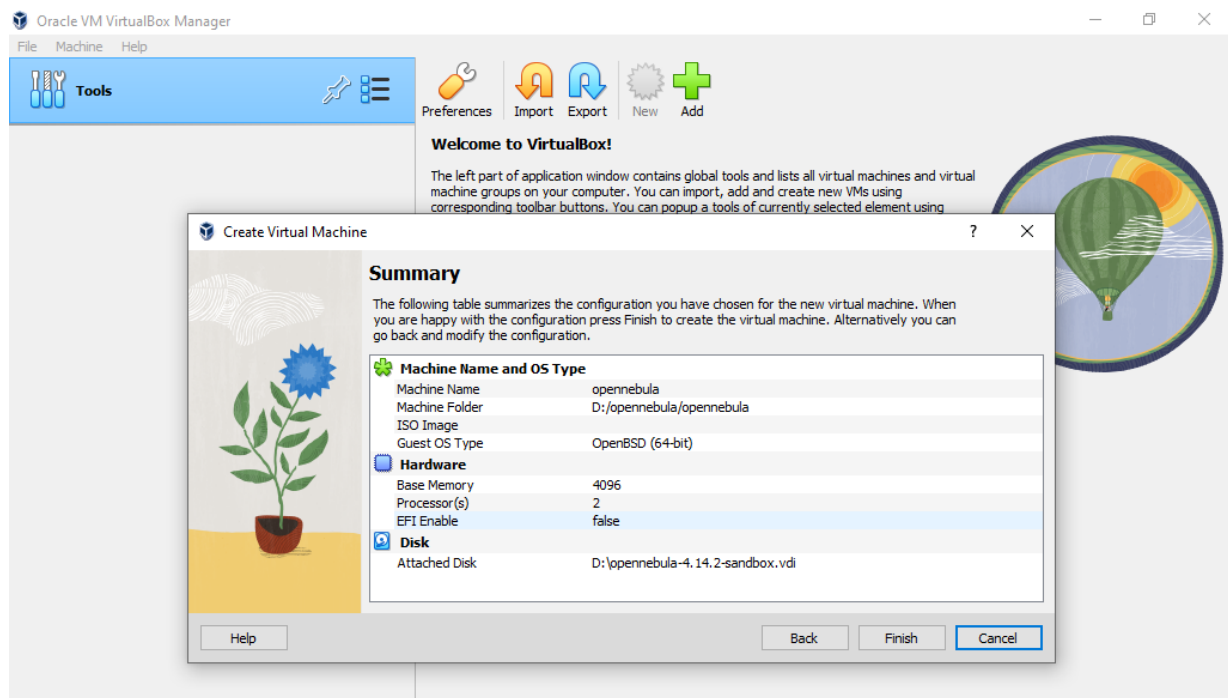
11. Now as the open nebula is selected from files, click on choose.



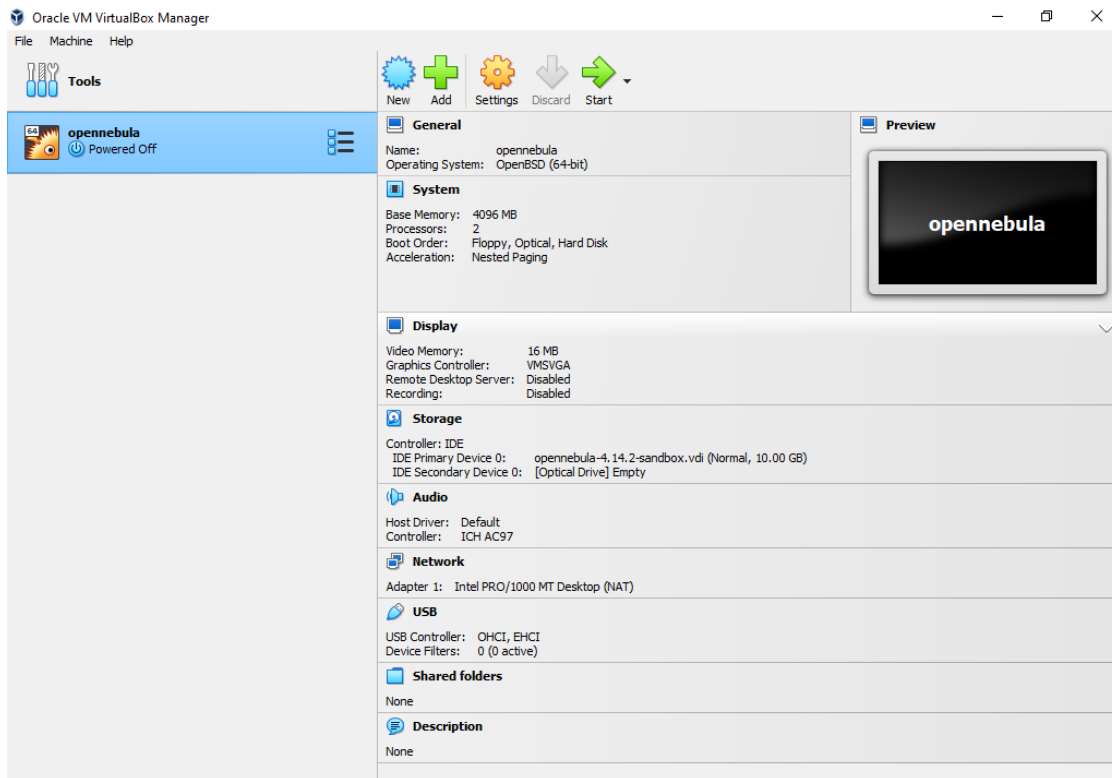
12.To choose the virtual hard disk click on use an existing virtual hard disk file.



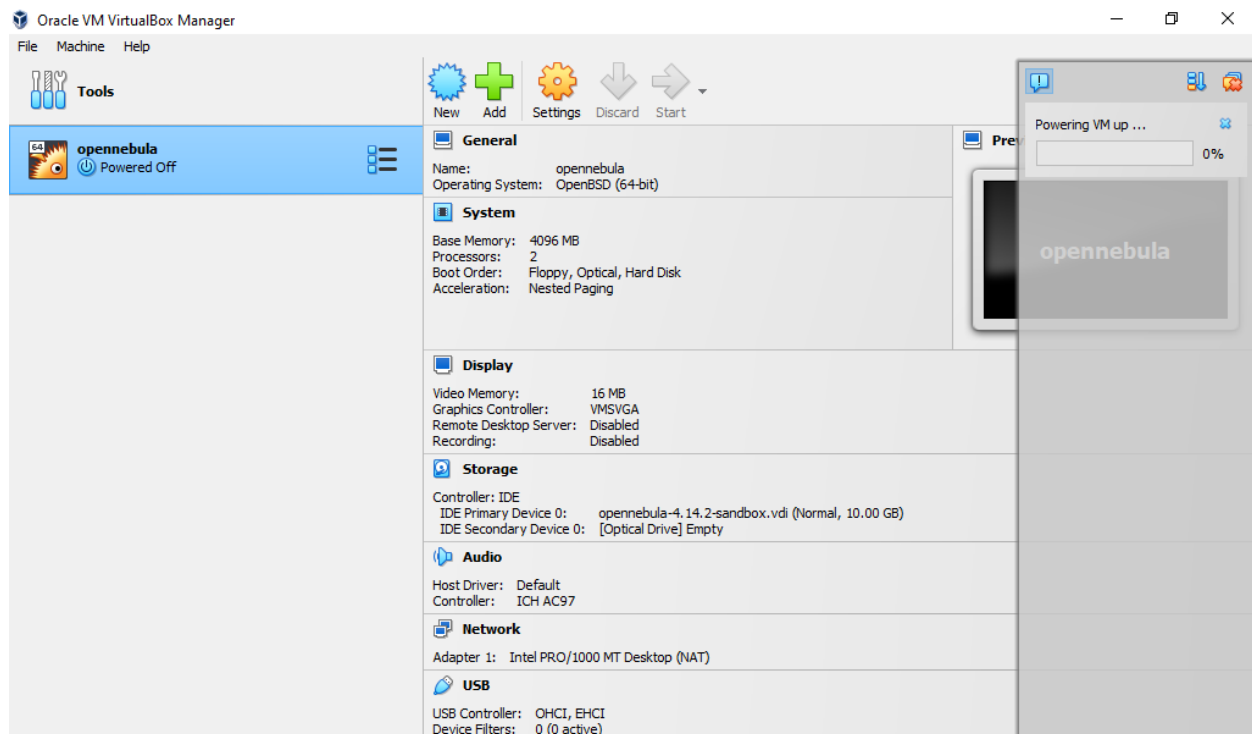
13.Now check the summary, weather all the options you have chosen are correct and click on finish.



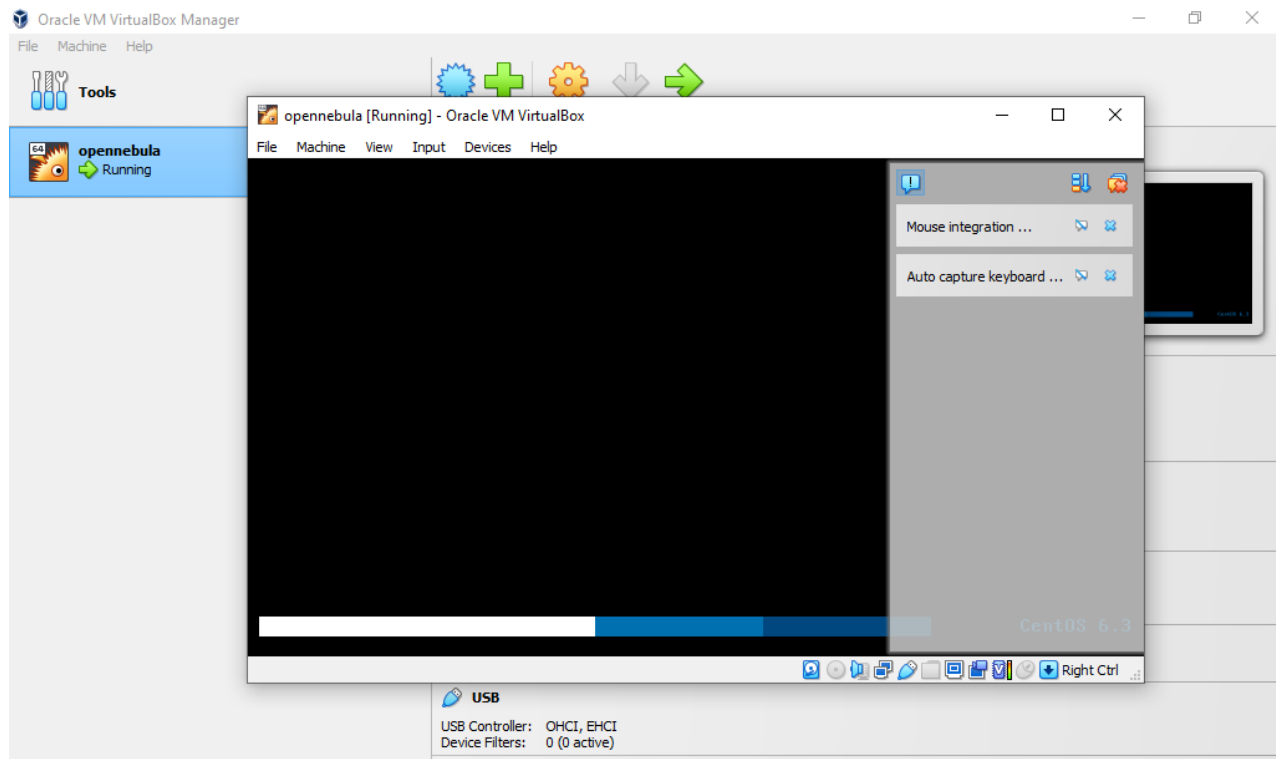
14. Click on start.



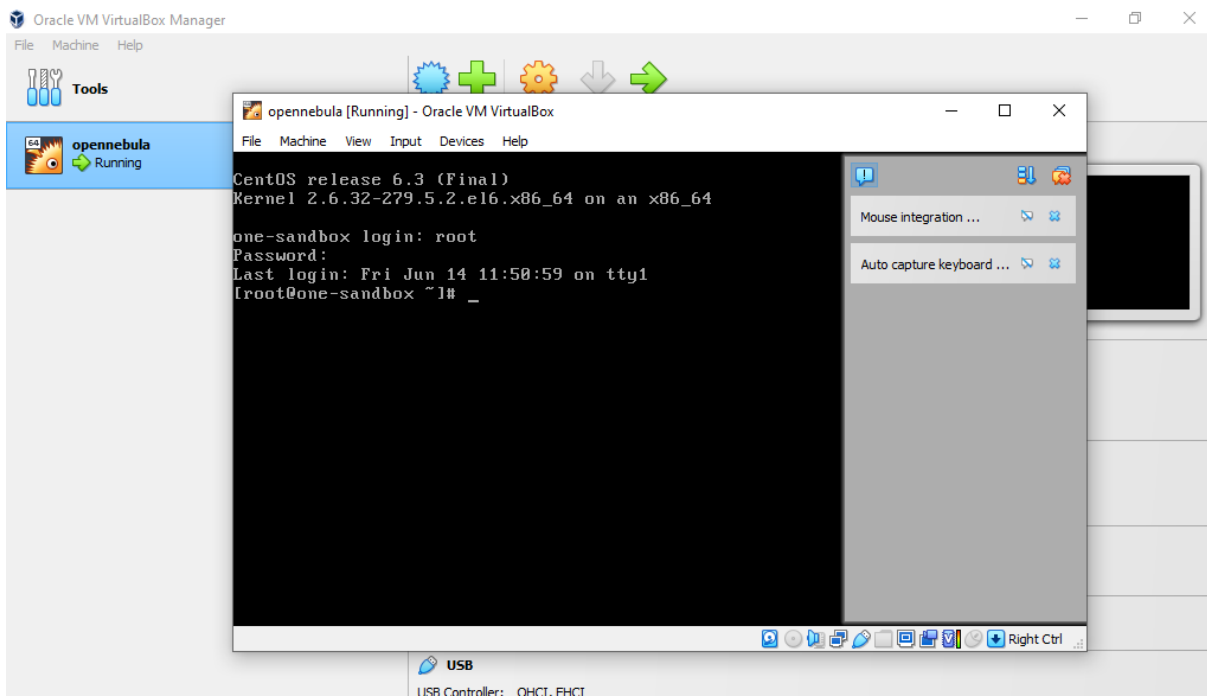
15. Powering of virtual machine.



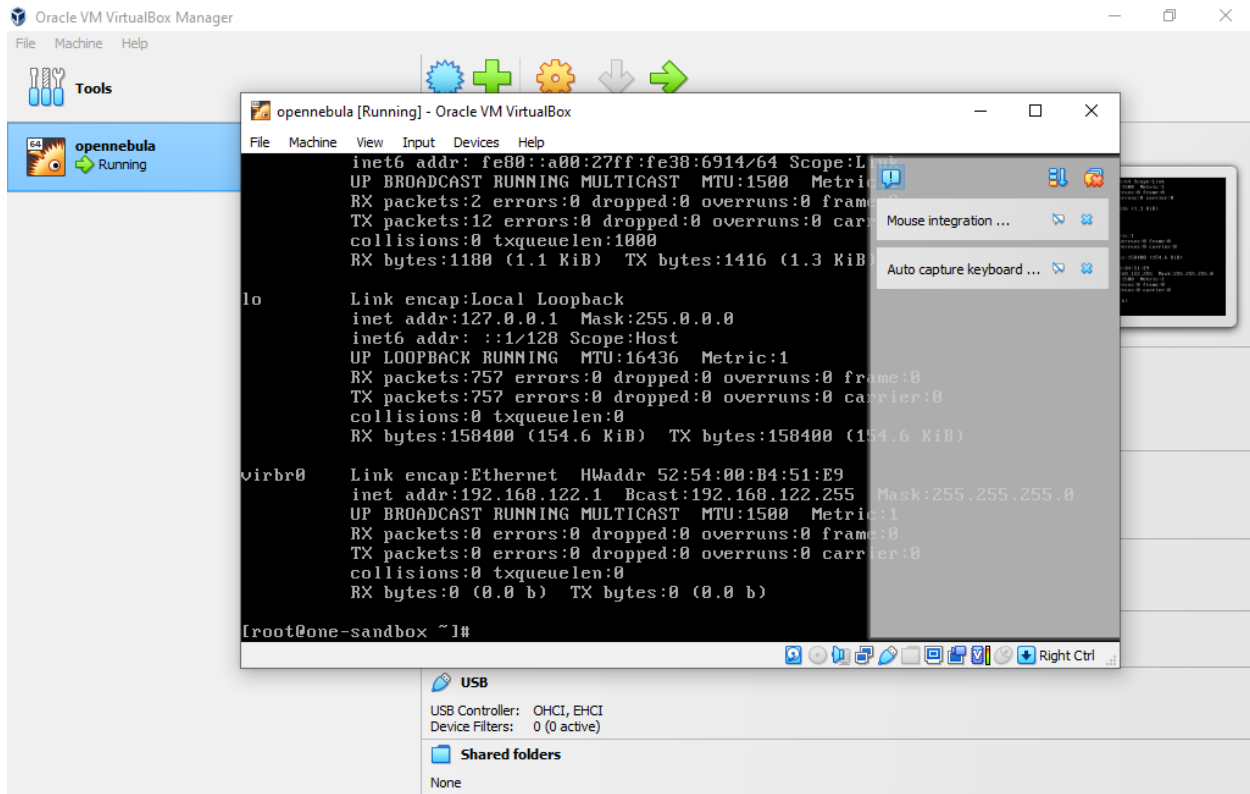
16.Opennebula Running.



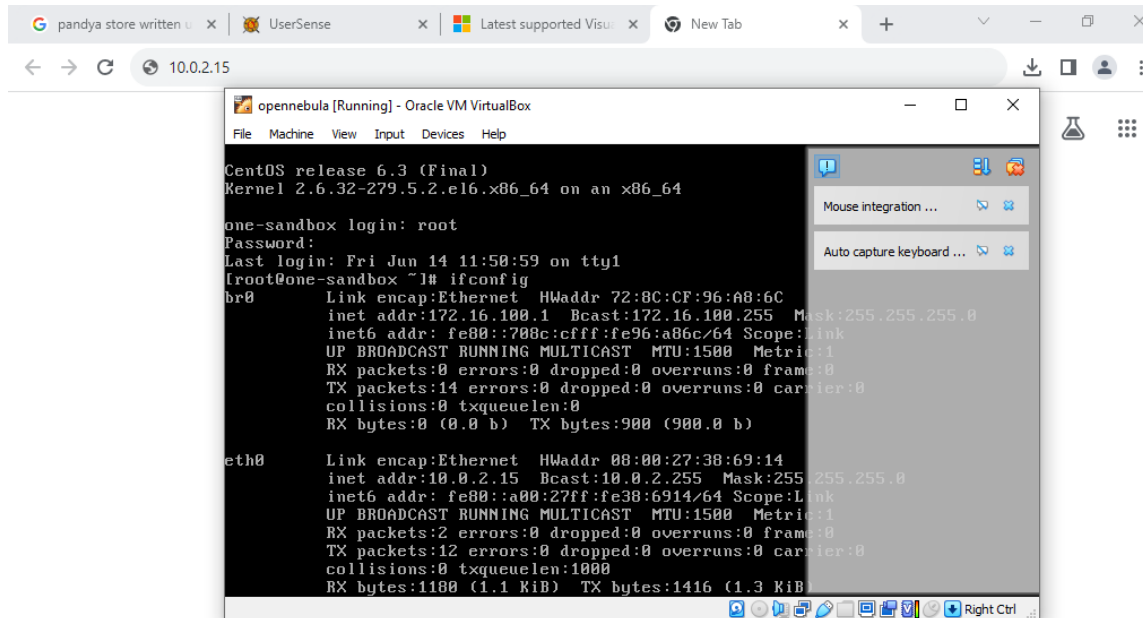
17.Enter one – sandbox Login as root and enter the password and click enter.



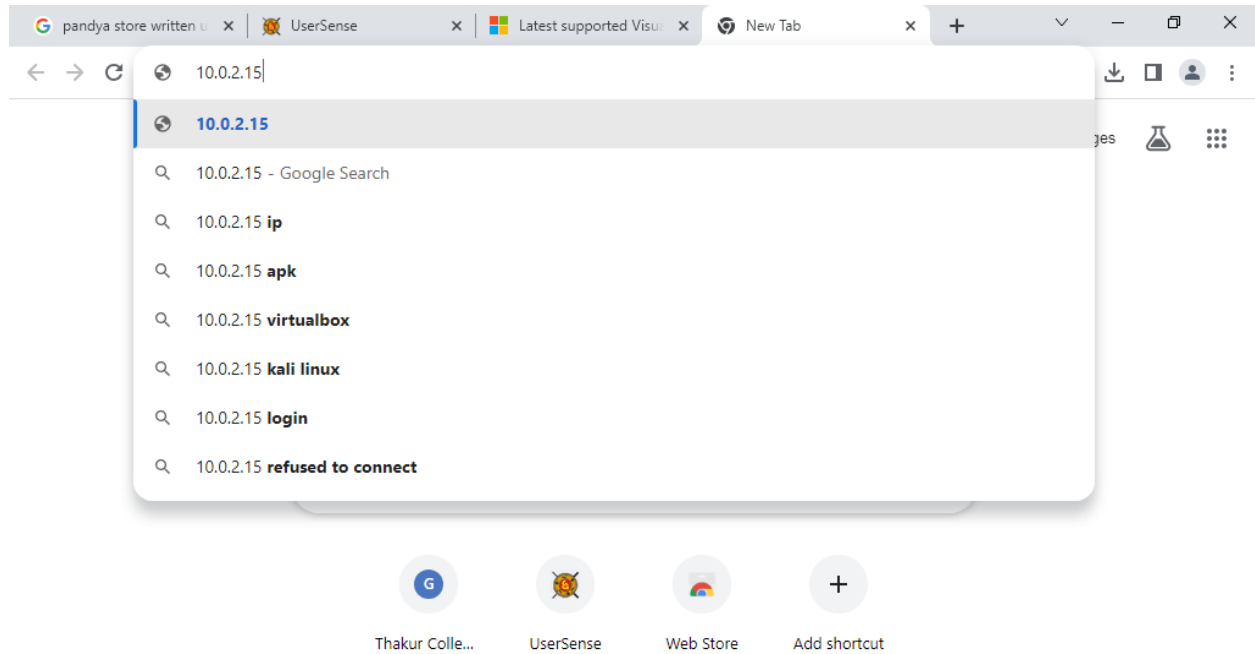
18.Scroll up and note the IP address.



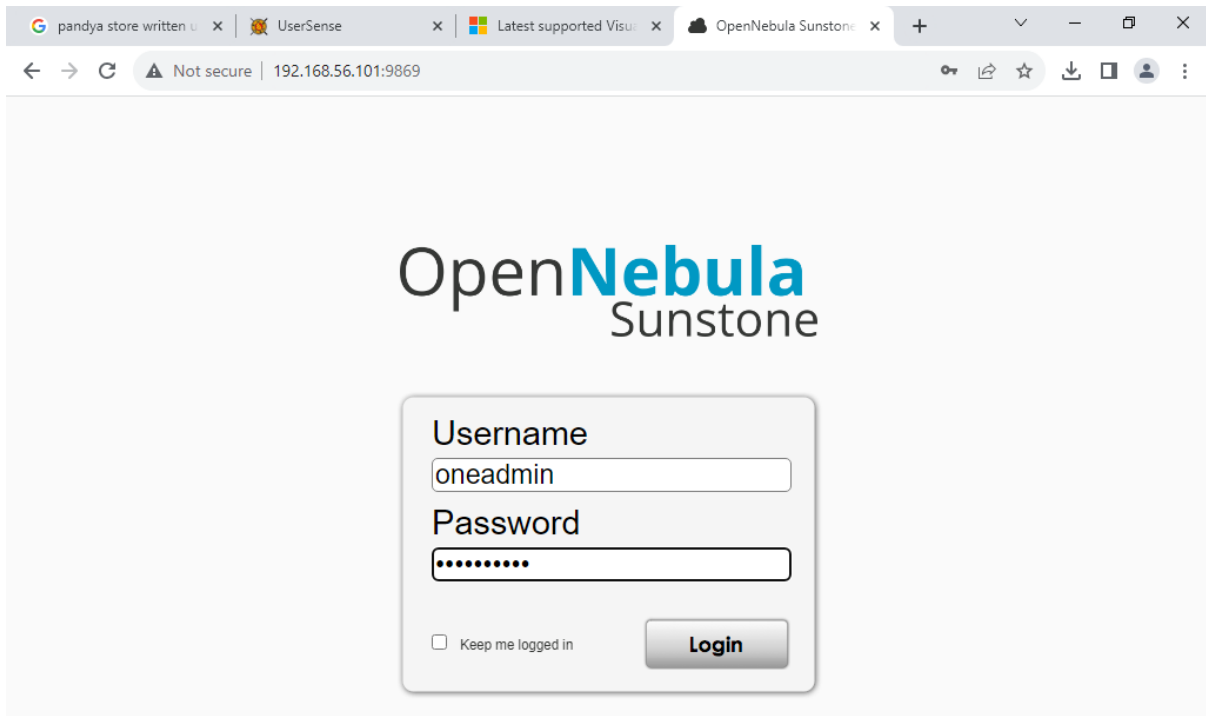
19.The IP address.



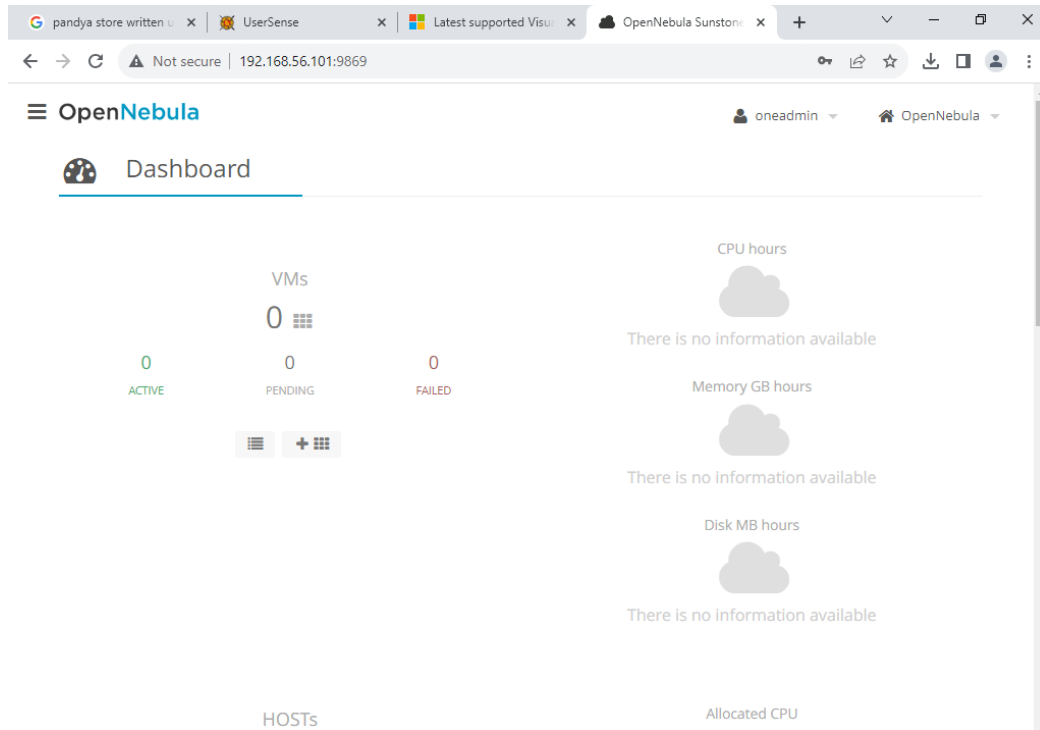
20. Enter the address on your Browser.



21. OpenNebula Sunstone UI will open, enter your username and password click on login.



22.OpenNebula Dashboard click on bar beside OpenNebula



23.Click on create and click on 0 to add the admin information.

The screenshot shows the 'Create Virtual Machine' page in the OpenNebula web interface. The browser's address bar shows the same URL as the previous screenshot. The page header is identical. The main content area is titled 'Create Virtual Machine' and includes a navigation bar with a back arrow, a list icon, and 'Reset' and 'Create' buttons.

Below the navigation bar is a section titled 'Select a template' which contains a search input field and a table of available templates.

ID	Owner	Group	Name	Registration time
0	oneadmin	oneadmin	tylinux	19:55:40 28/04/2014

Below the table, it says 'Showing 1 to 1 of 1 entries'. At the bottom of the table section, there is a message: 'Please select a Template from the list'.

At the very bottom of the page, the footer text reads: 'OpenNebula 4.14.2 by OpenNebula Systems.'

24. Set the Memory at 4 gb and CPU at 4.

The screenshot shows the OpenNebula Sunstone web interface. The browser tabs include 'pandya store written', 'UserSense', 'Latest supported Visu', and 'OpenNebula Sunstone'. The address bar shows '192.168.56.101:9869'. The left sidebar has links for Marketplace, OneFlow, Settings, Support, and a Sign in button. The main content area shows a table with one entry: ID 0, Owner oneadmin, Group oneadmin, Name ttylinux, and Registration time 19:55:40 28/04/2014. Below the table, there are input fields for VM Name (empty) and Number of Instances (1). The 'Capacity' section shows sliders for Memory (set to 2432 MB), CPU (set to 3.5), and VCPU (set to 12). A red error message at the bottom right states 'No template selected'.

ID	Owner	Group	Name	Registration time
0	oneadmin	oneadmin	ttylinux	19:55:40 28/04/2014

Showing 1 to 1 of 1 entries

You selected the following Template: **ttylinux**

VM Name:

Number of Instances:

☐ Hold

Capacity

Memory: 2432 MB

CPU: 3.5

VCPU: 12

Disks

ttylinux

No template selected

25. Press Enter.

The screenshot shows the OpenNebula Sunstone web interface. The browser tabs include 'pandya store written', 'UserSense', 'Latest supported Visu', and 'OpenNebula Sunstone'. The address bar shows '192.168.56.101:9869'. The left sidebar has links for Dashboard, System, Virtual Resources, Infrastructure, Marketplace, OneFlow, Settings, Support, and a Sign in button. The main content area shows the 'Virtual Machines' section with a table listing VMs. The table has columns for ID, Owner, Group, Name, Status, Host, and IPs. There is one entry: ID 2, Owner oneadmin, Group oneadmin, Name ttylinux-2, Status PENDING, Host --, and IPs 172.16.100.200. Below the table, there are summary statistics: 1 TOTAL, 0 ACTIVE, 0 OFF, 1 PENDING, and 0 FAILED. The footer text reads 'OpenNebula 4.14.2 by OpenNebula Systems'.

Virtual Machines

ID	Owner	Group	Name	Status	Host	IPs
2	oneadmin	oneadmin	ttylinux-2	PENDING	--	172.16.100.200

Showing 1 to 1 of 1 entries

1 TOTAL 0 ACTIVE 0 OFF 1 PENDING 0 FAILED

OpenNebula 4.14.2 by OpenNebula Systems.

26.The Oneadmin has been created

OpenNebula

oneadmin

OpenNebula

Dashboard

System

Virtual Resources

Infrastructure

Marketplace

OneFlow

Settings

Support

Not connected

Sign in

Virtual Machines

+

Search

ID	Owner	Group	Name	Status	Host	IPs
2	oneadmin	oneadmin	tylinux-2	PENDING	-	172.16.100.200

Showing 1 to 1 of 1 entries

Previous1Next10

1 TOTAL0 ACTIVE0 OFF1 PENDING0 FAILED

OpenNebula 4.14.2 by OpenNebula Systems.