EX NO: IT22711 DISTRIBUTED AND CLOUD COMPUTING LABORATORY

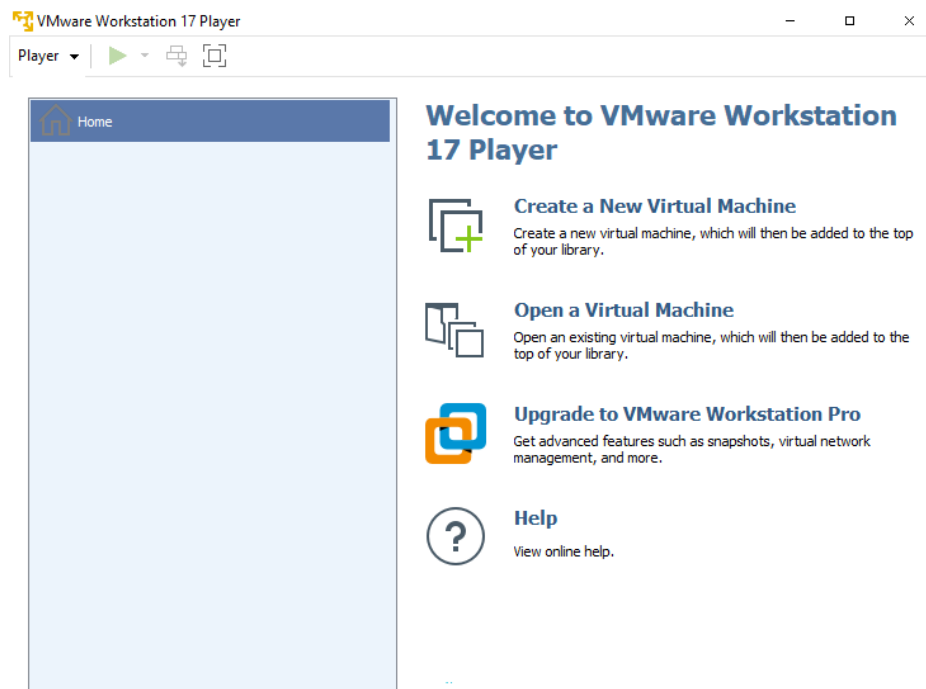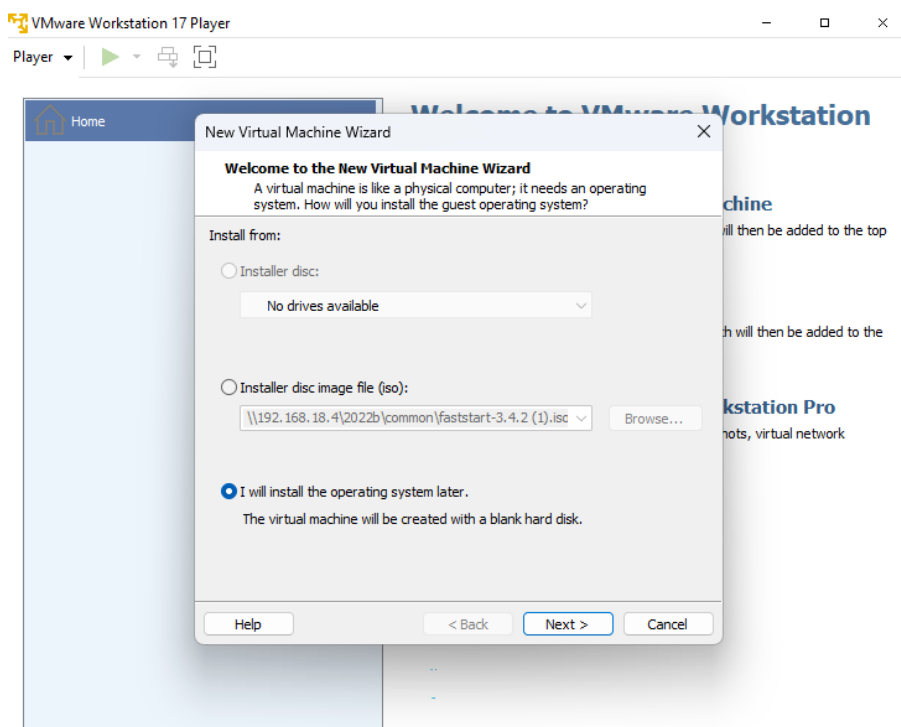**DATE**:   Use Eucalyptus to set up the cloud

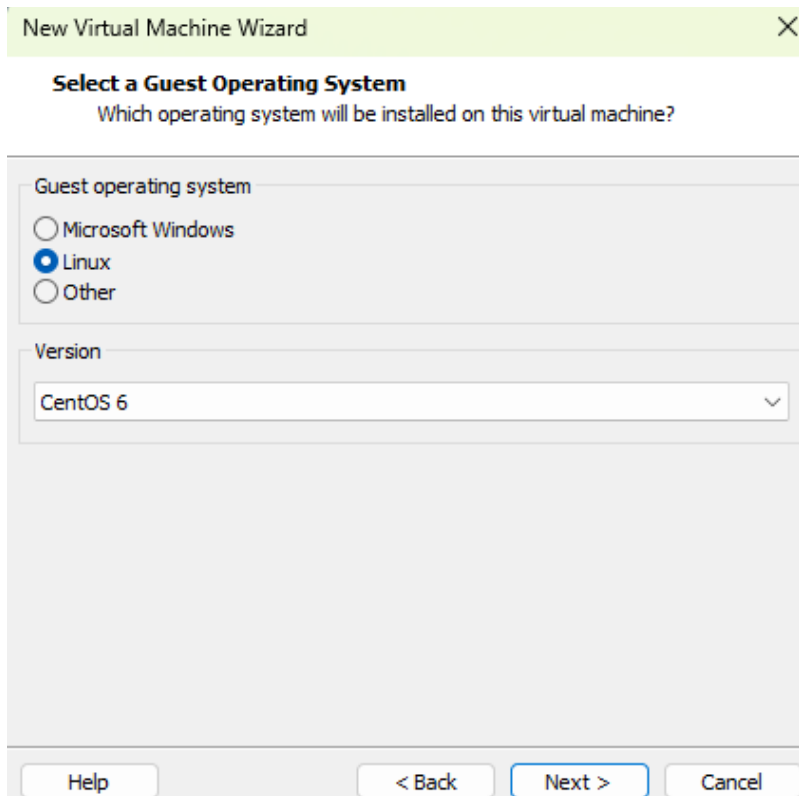**AIM:** To set up the cloud by using Eucalyptus .

PROCEDURE:

1. Click on VMWare workstation in your desktop and click on Create a New Virtual Machine.

2. Choose the 'I will install the operating system later' option and click Next.

3.Choose Linux as the Guest Operating system, select CentOS 6 as version and click Next

New Virtual Machine Wizard   ✕

Select a Guest Operating System
Which operating system will be installed on this virtual machine?

Guest operating system
○ Microsoft Windows
● Linux
○ Other

Version
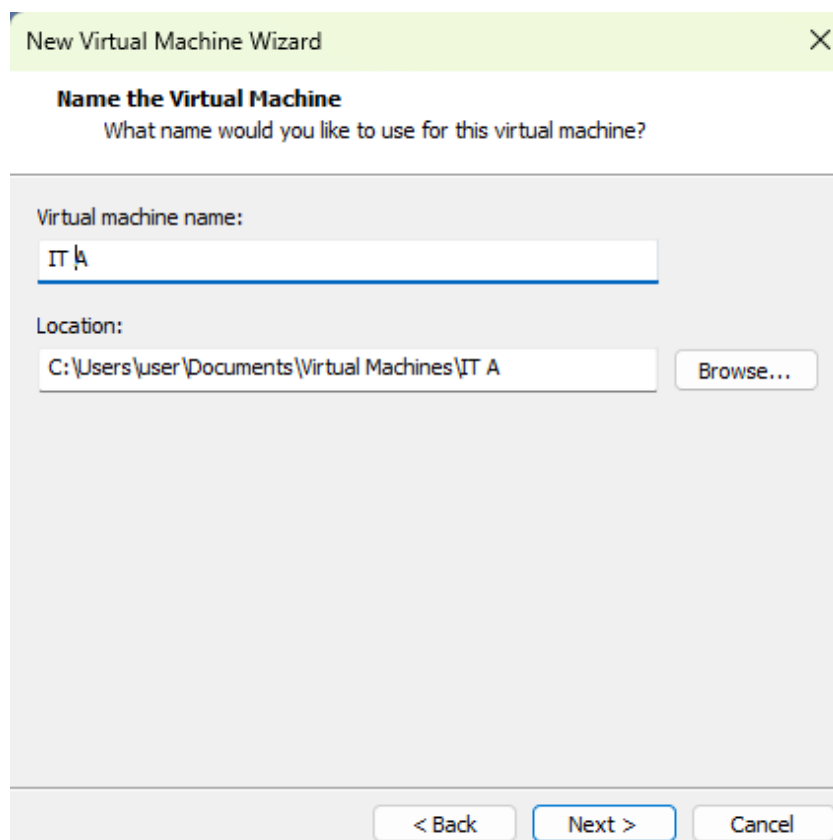CentOS 6   ⌄

Help   < Back   Next >   Cancel

4. Name the Virtual Machine as ITA, click Next.

New Virtual Machine Wizard   ✕

Name the Virtual Machine
What name would you like to use for this virtual machine?
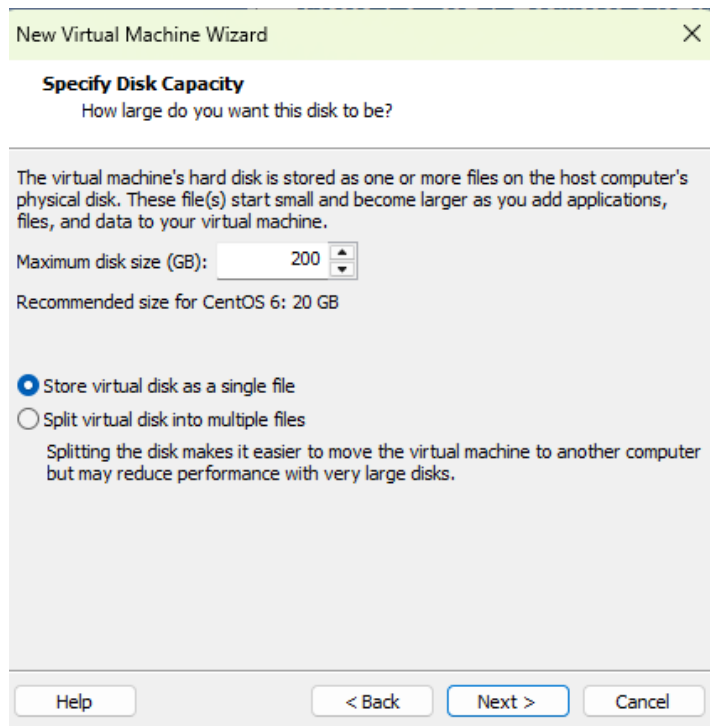
Virtual machine name:
IT A

Location:
C:\Users\user\Documents\Virtual Machines\IT A   Browse...

< Back   Next >   Cancel

5 Enter the maximum disk size as 200GB and choose the option .Store visual disk as a single file.

6. Click on Customize Hardware and configure the Virtual Machine as below:

  i.   Choose the memory as 3GB(3072 MB)
  ii.   Enter the number of processors as 2.
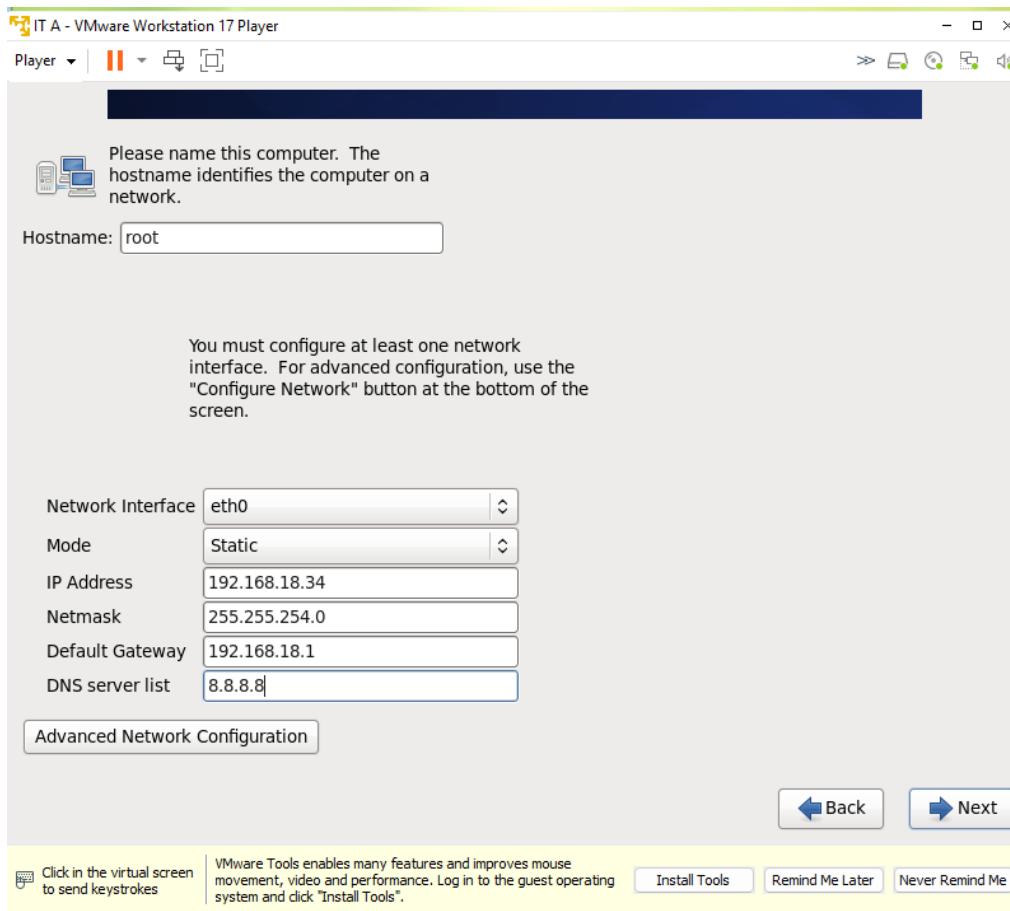 iii.   Choose ISO image file, click Browse, select faststart-3.4.2.iso, click close and then finish.
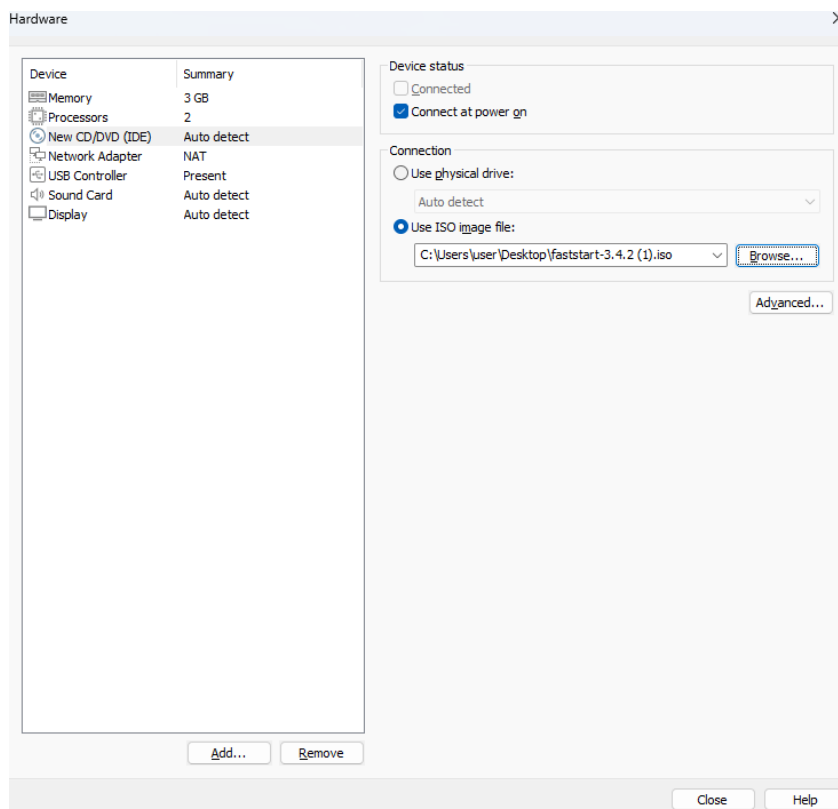
7. Click Play Virtual Machine, choose Install CentOS 6 single system cloud in 60x.,then press skip and then ok
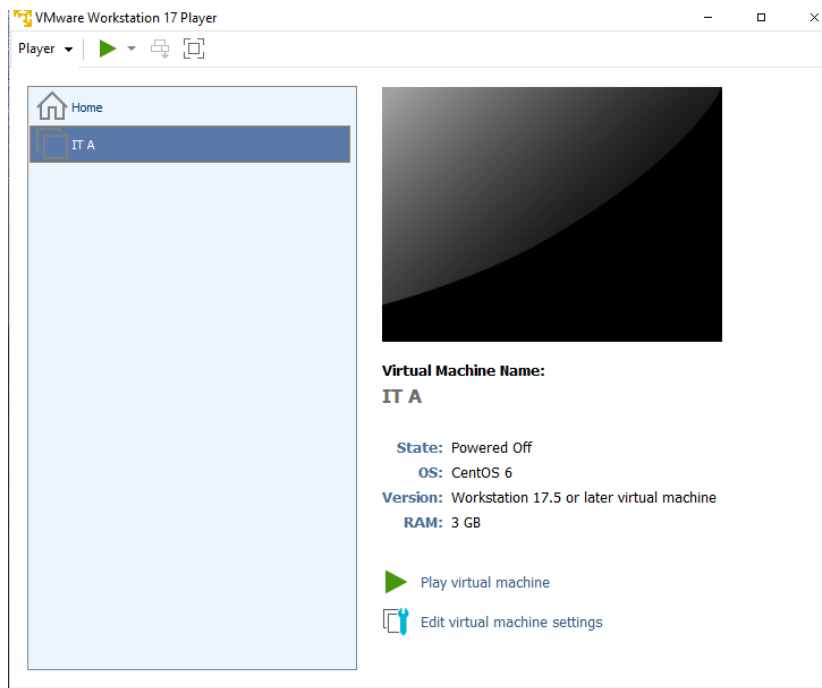
8. Select language as English and click Next. And Click Yes, discard my data.
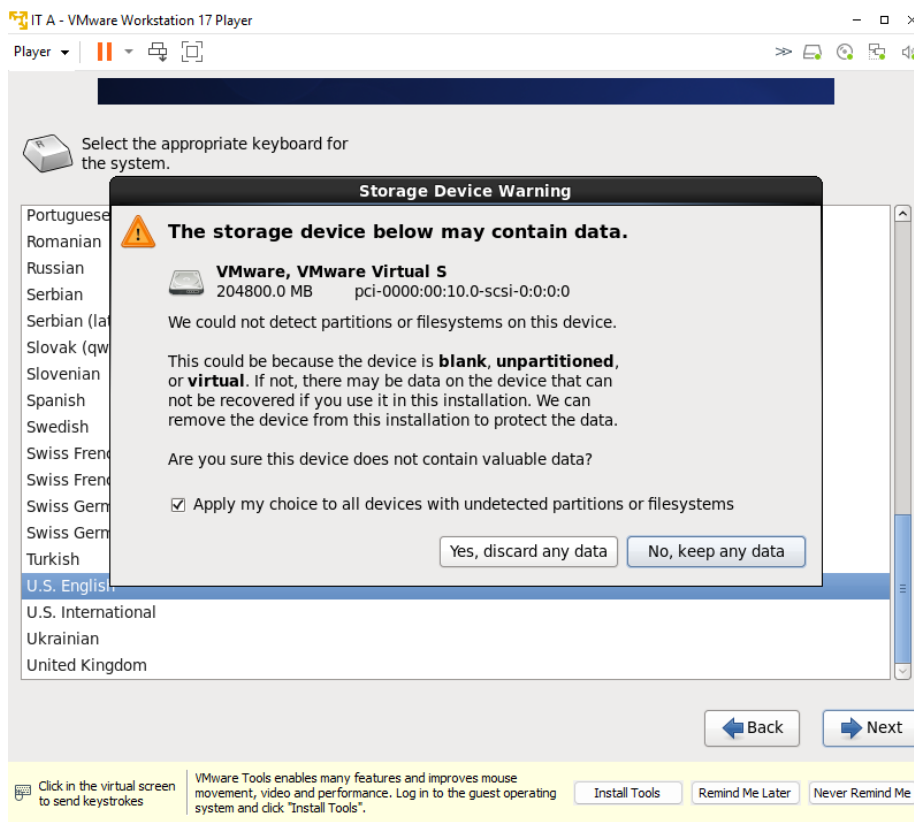
9. Set hostname as "root", set ip= 192.168.18.35, netmask= 255.255.254.0, gateway= 192.168.18.1, mask=8.8.8.8
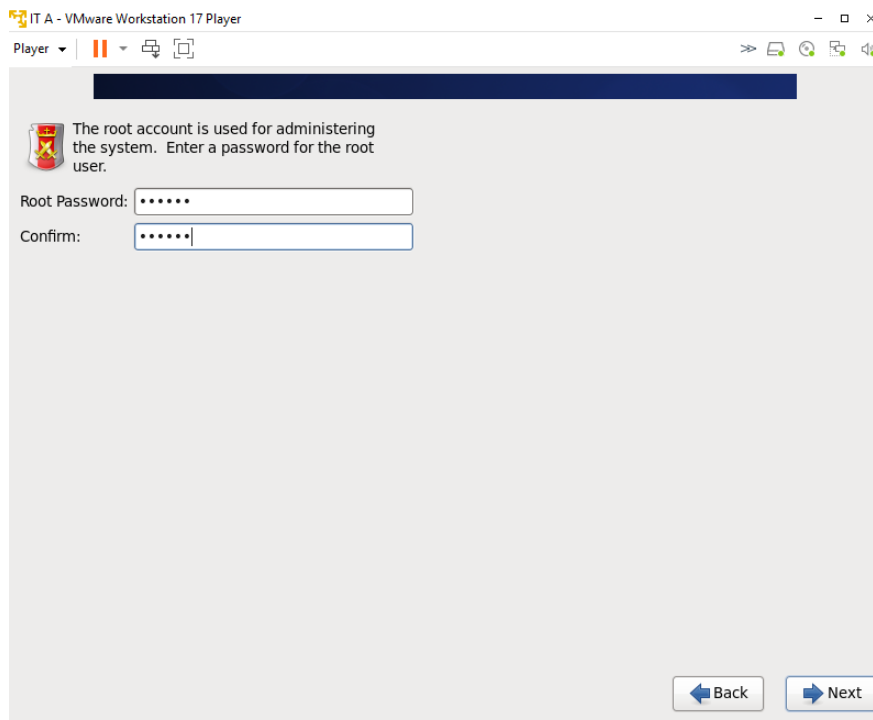
10. Locate Asia/Kolkata and click Next.
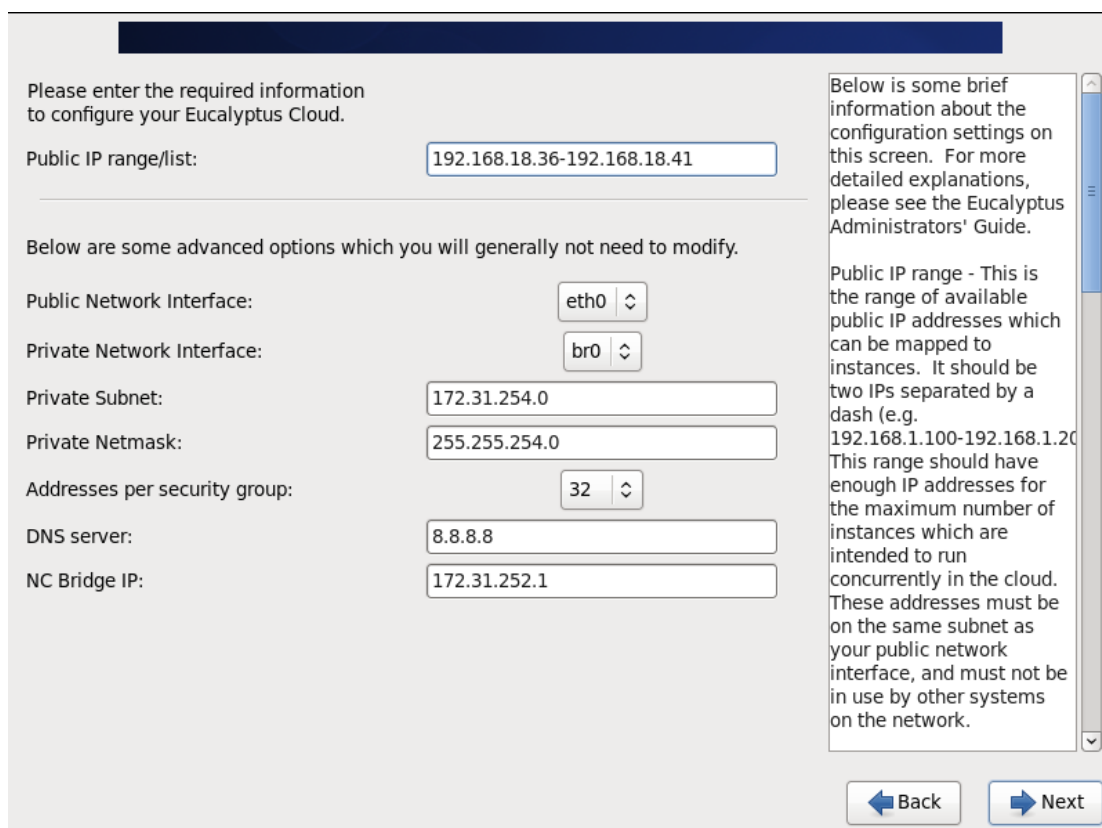
11. Enter root password : 123456 and enter it again to confirm. Press Next, and click Use anyway.

12. Set public IP range/list: 192.168.18.36-192.168.18.41 (Your system number- your system number+5).
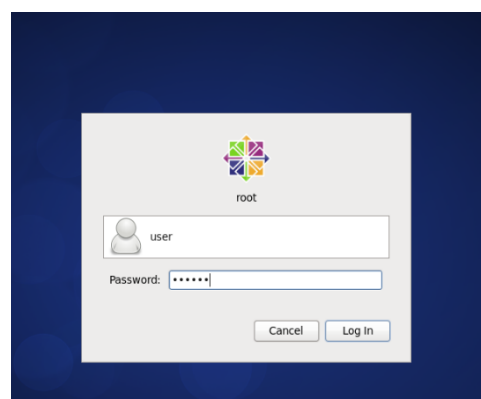
13. Click Replace existing Linux system and press Write changes; press reboot- it will take a few minutes.
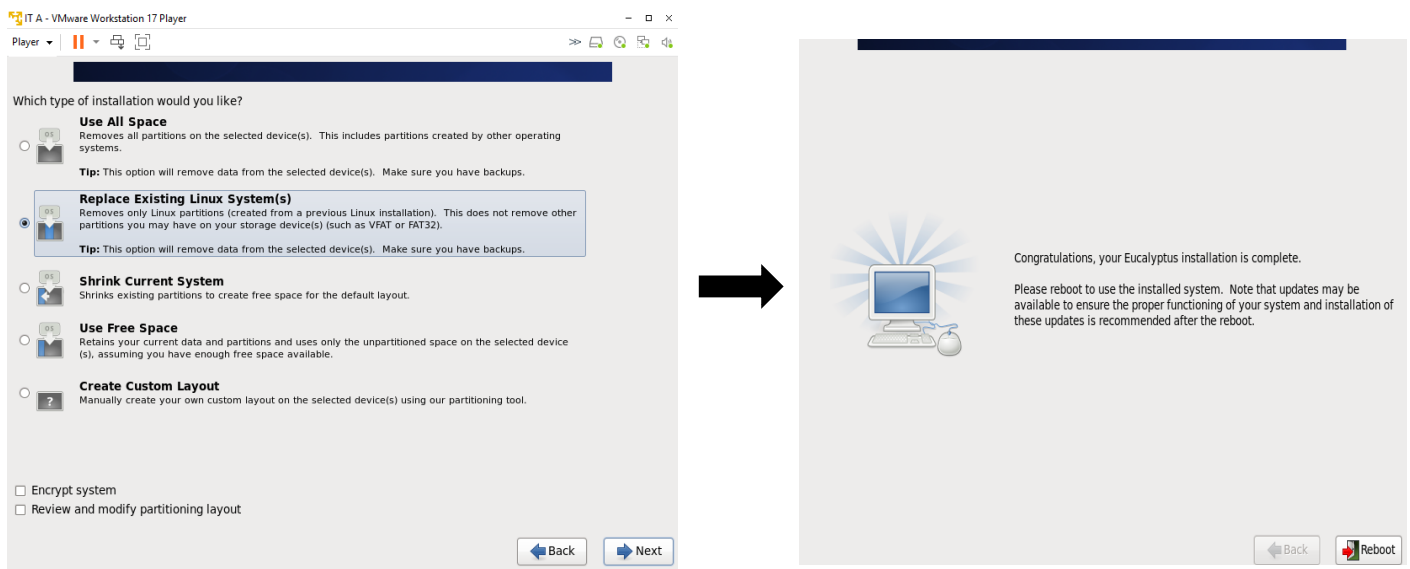
14. Click Forward twice, then enter username and Full name as "user" and password as : 123456. Then click forward
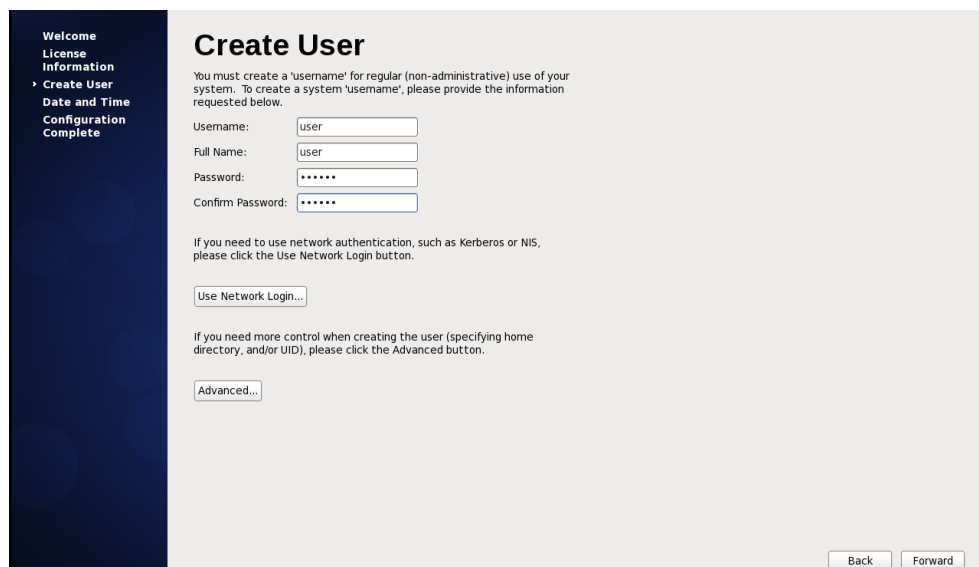
15. Click finish. Virtual Machine is created with Linux system.And Enter password: 123456 and log in

RESULT: Thus, to set up the cloud by using Eucalyptus, has been dine successfully.