



SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

Enterprise Standards and Best Practices for IT Infrastructure

4<sup>th</sup> Year 2<sup>nd</sup> Semester 2016

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SLIIT ID: **IT13510954**

Group Number: -

Practical Session: **WE Tuesday**

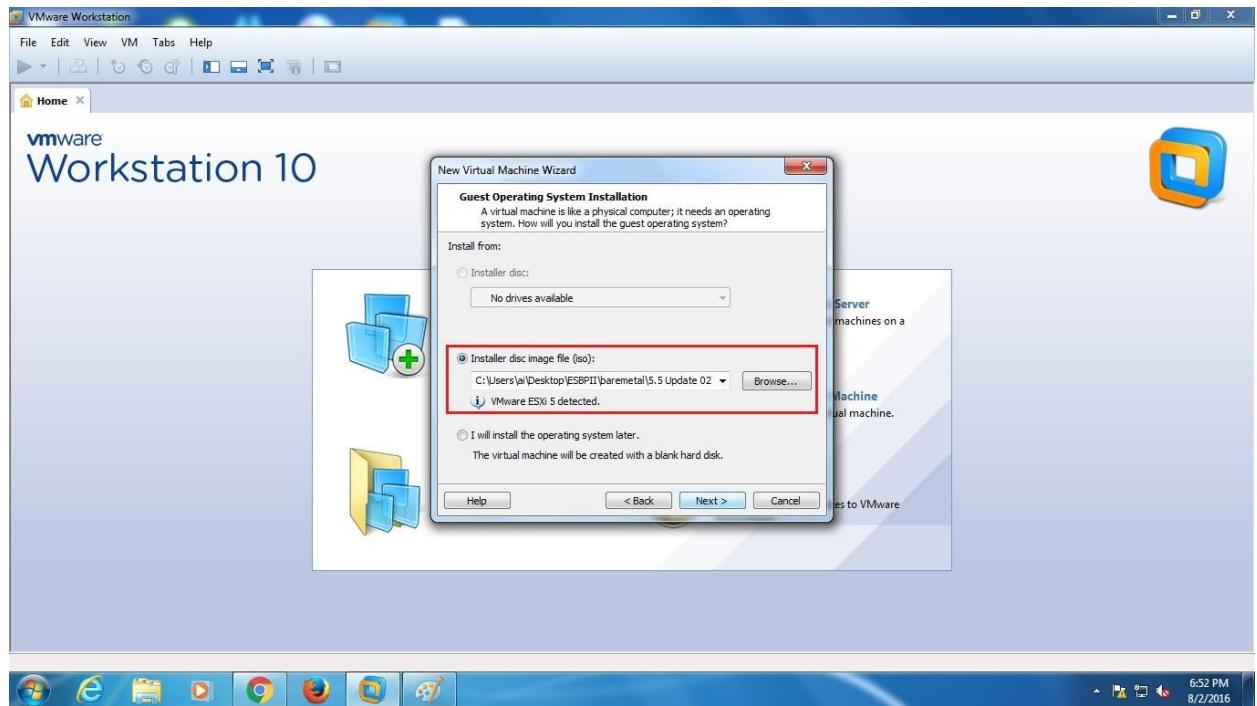
Practical Number: **Bare Metal Installation**

Date of Submission: **Aug 2016**

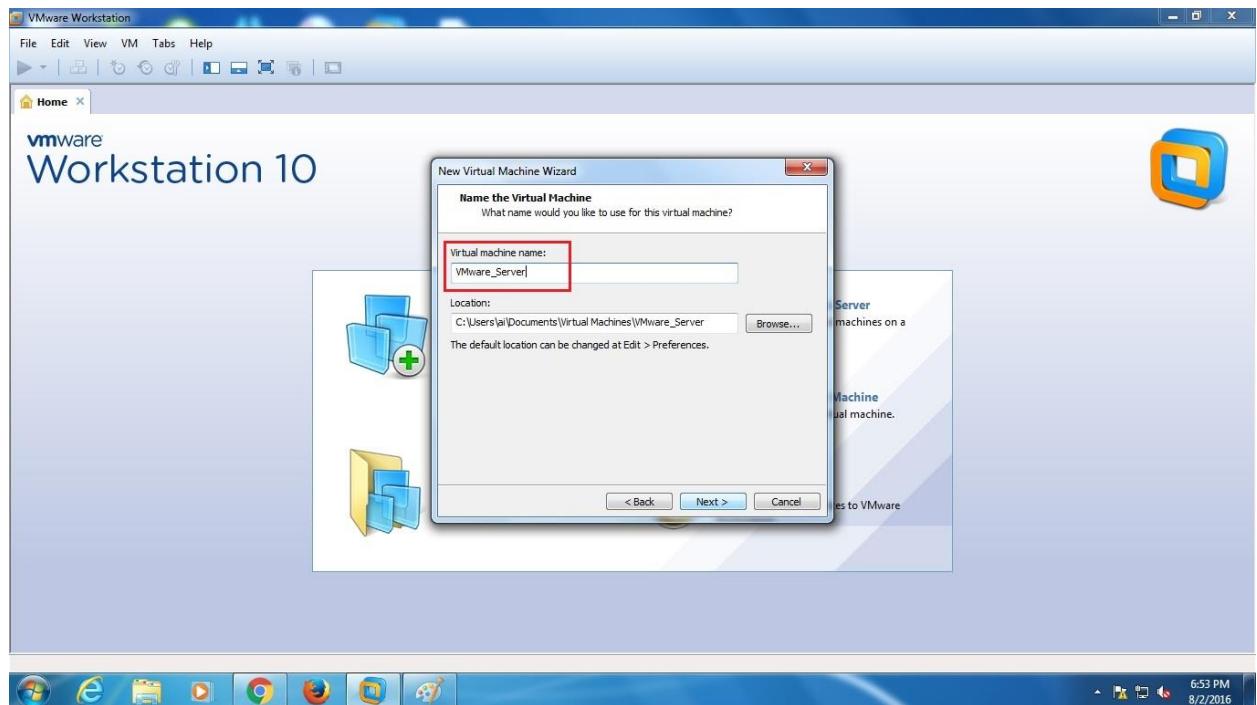
Date of Evaluation : \_\_\_\_\_

Evaluators Signature : \_\_\_\_\_

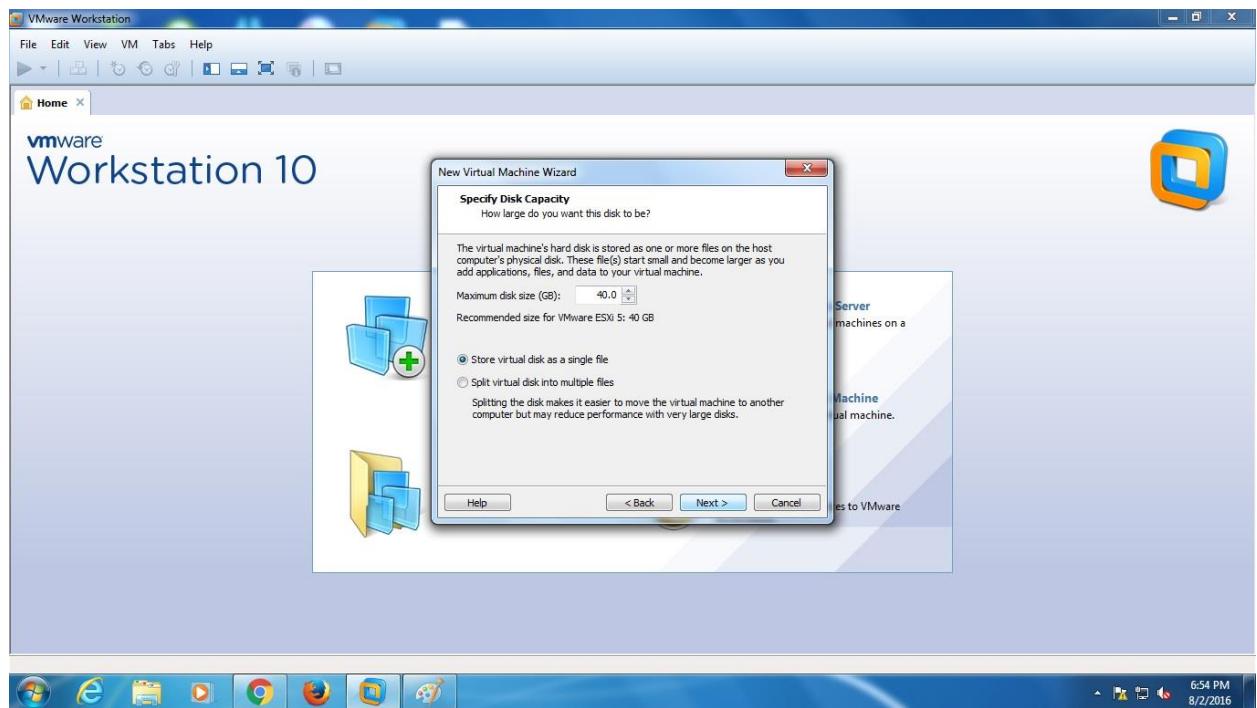
1. Browse and select the Installer disc image file.



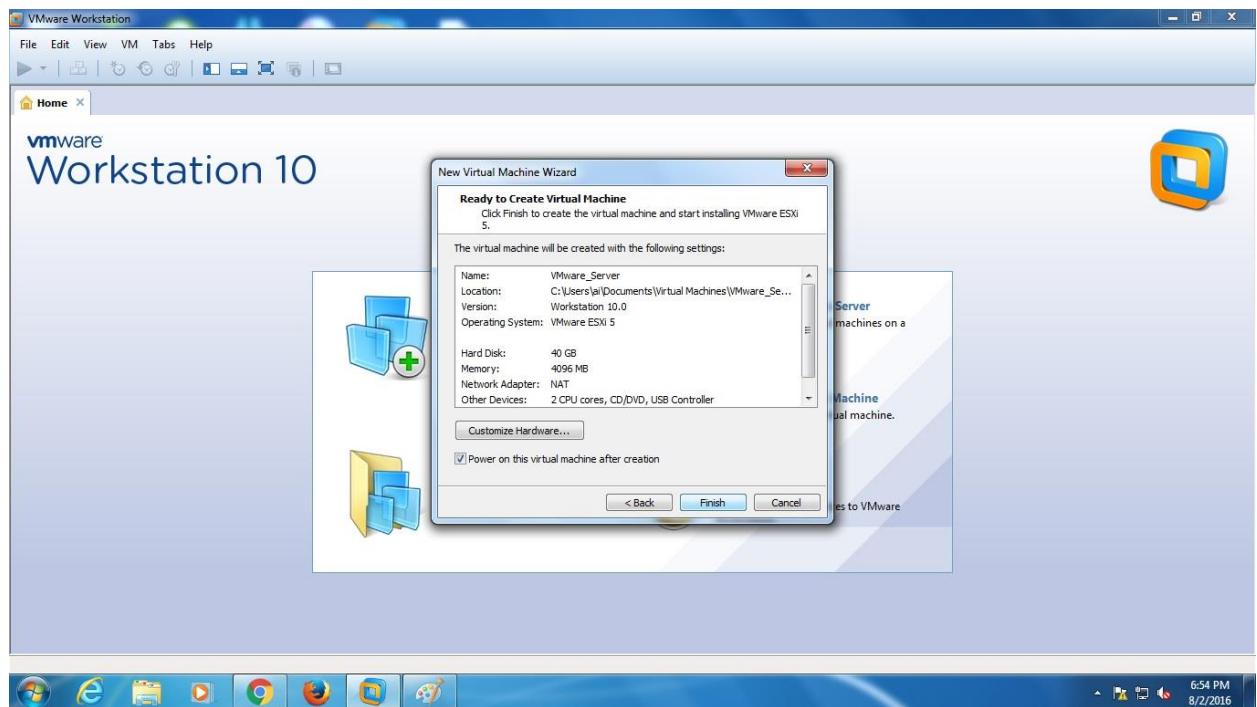
2. Give a name to the Virtual Machine.



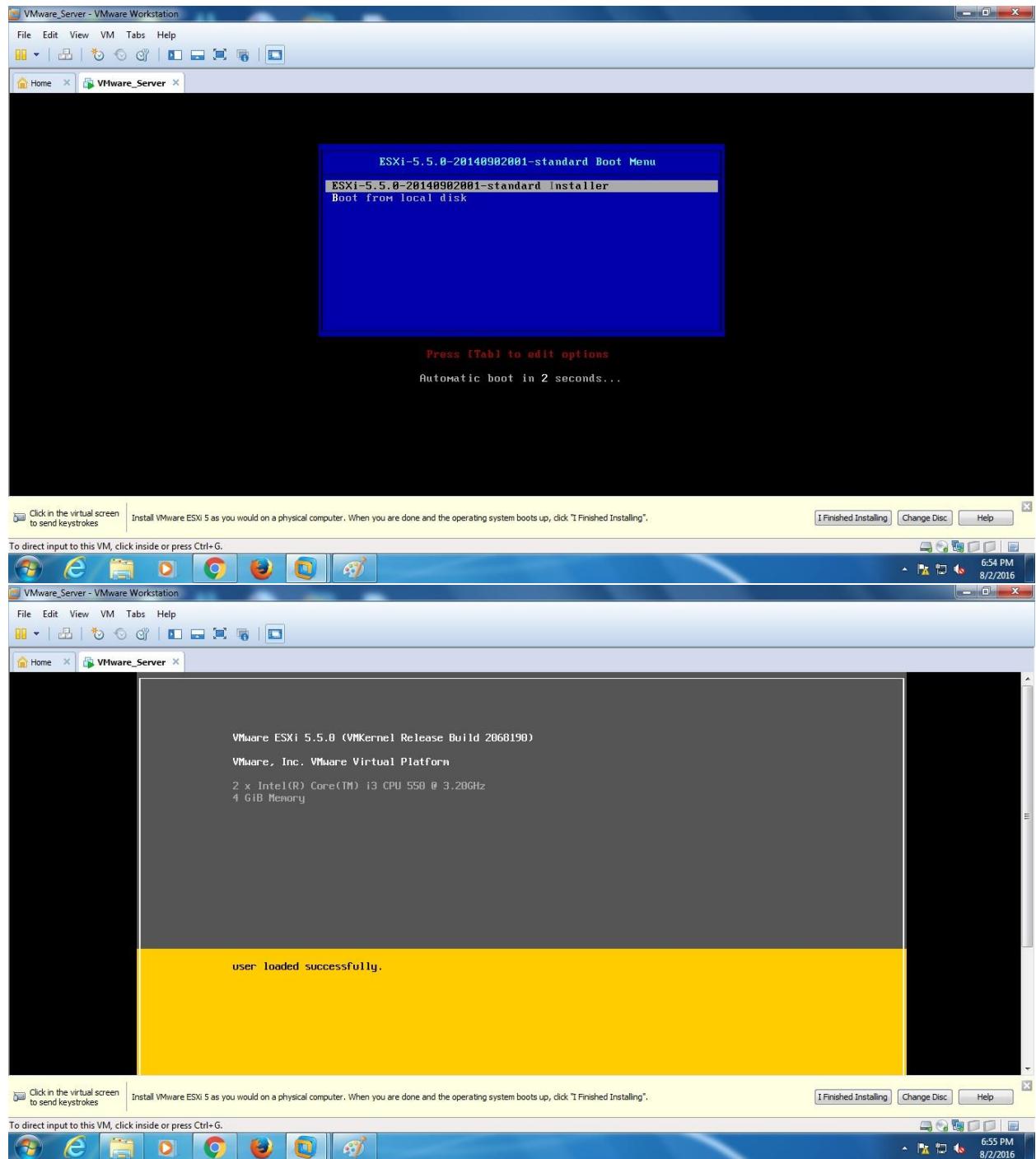
3. Select “Store virtual disk as a single file” and select the disk size.



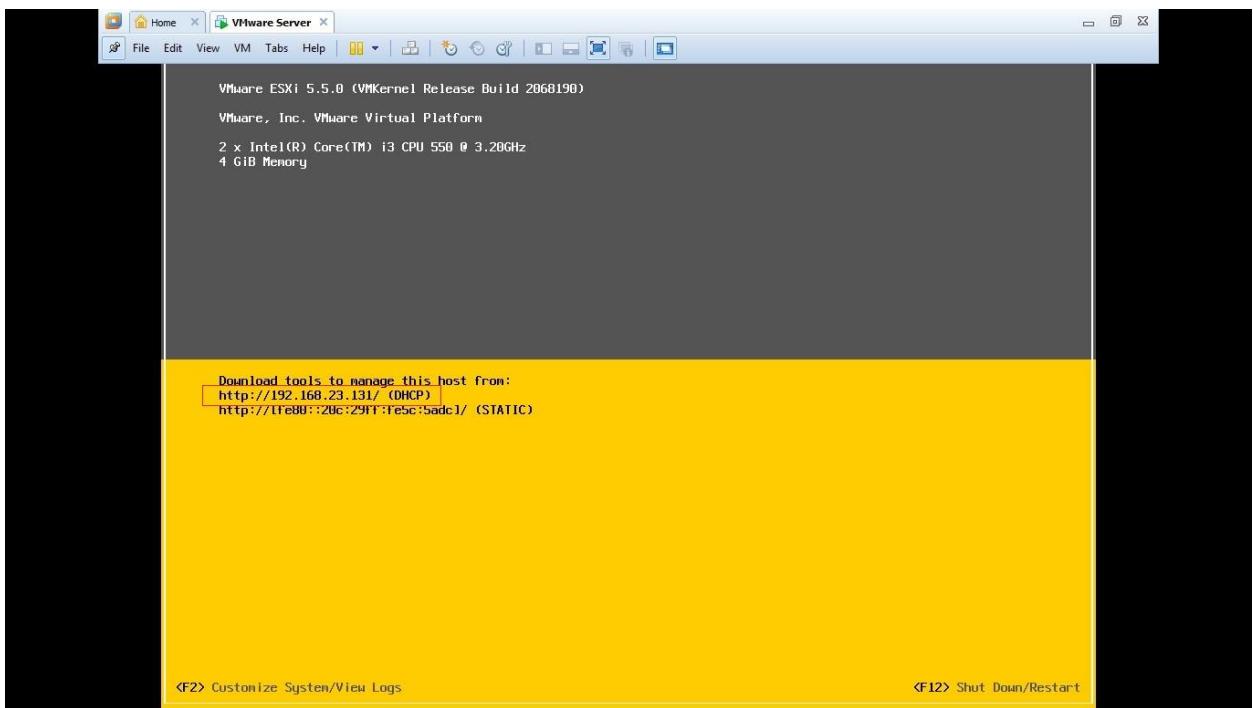
4. Click “Finish” to end the installation process.



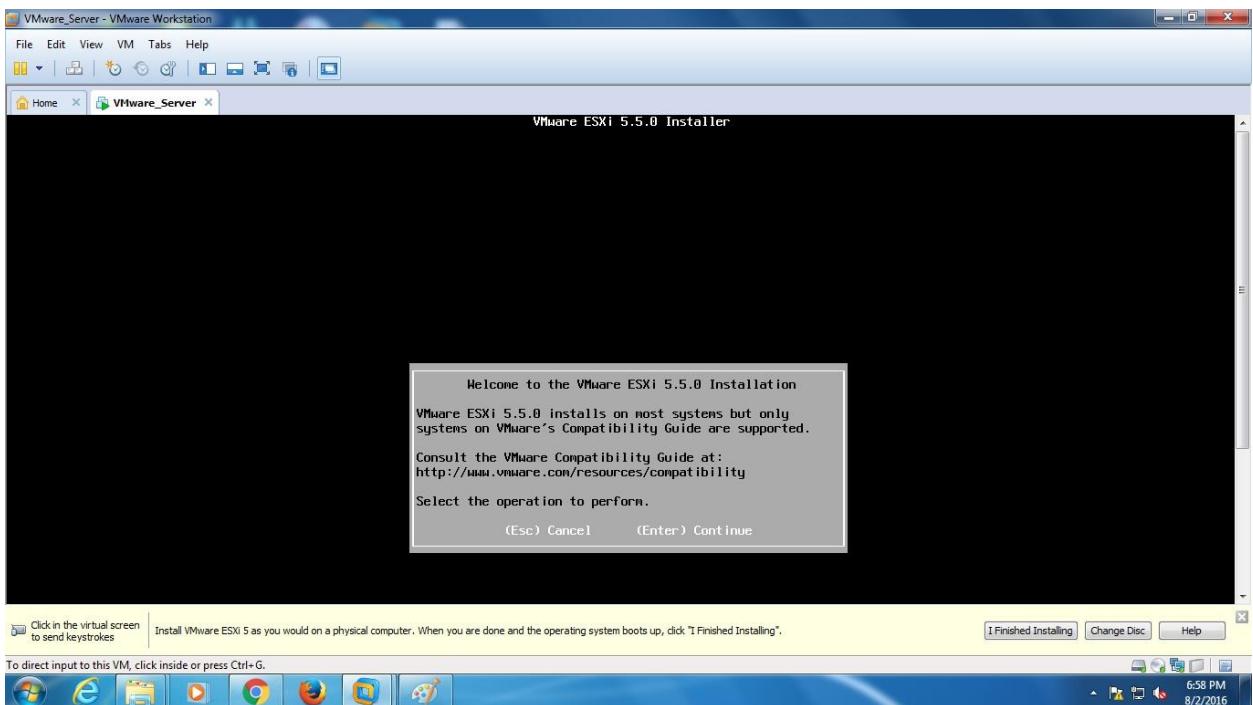
## 5. Installation process initialization.



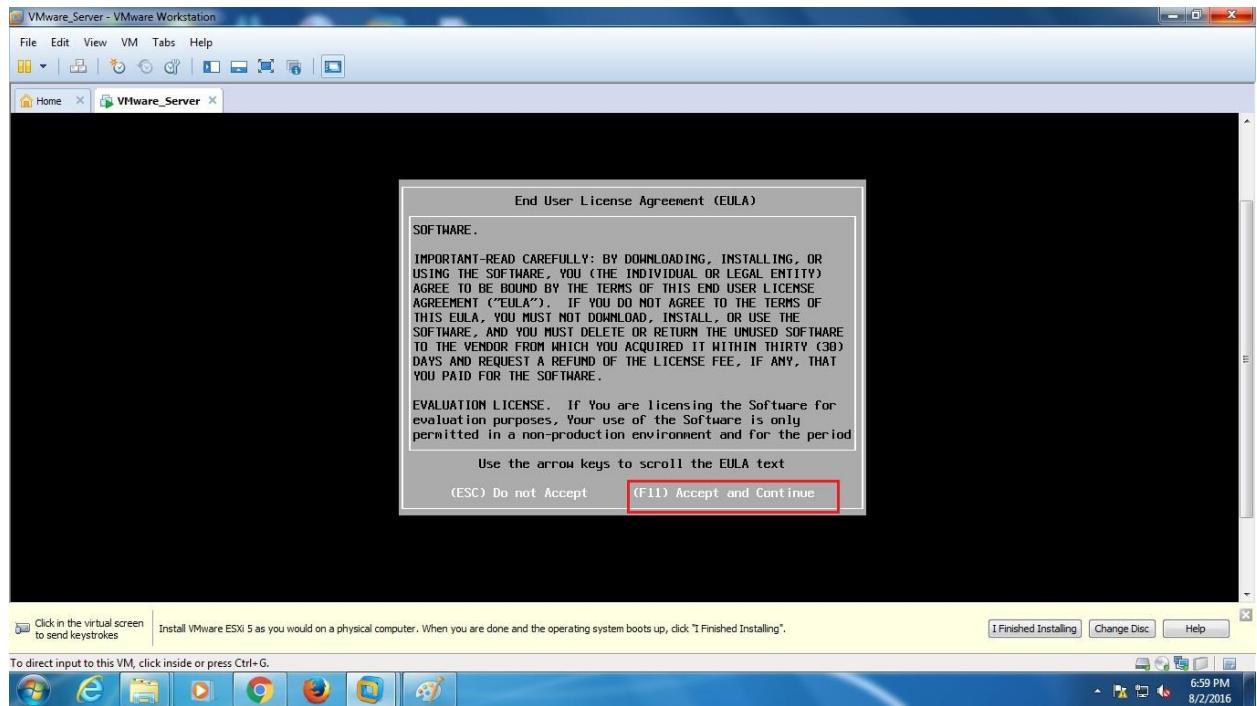
6. IP address to download the client software will be available after the installation.



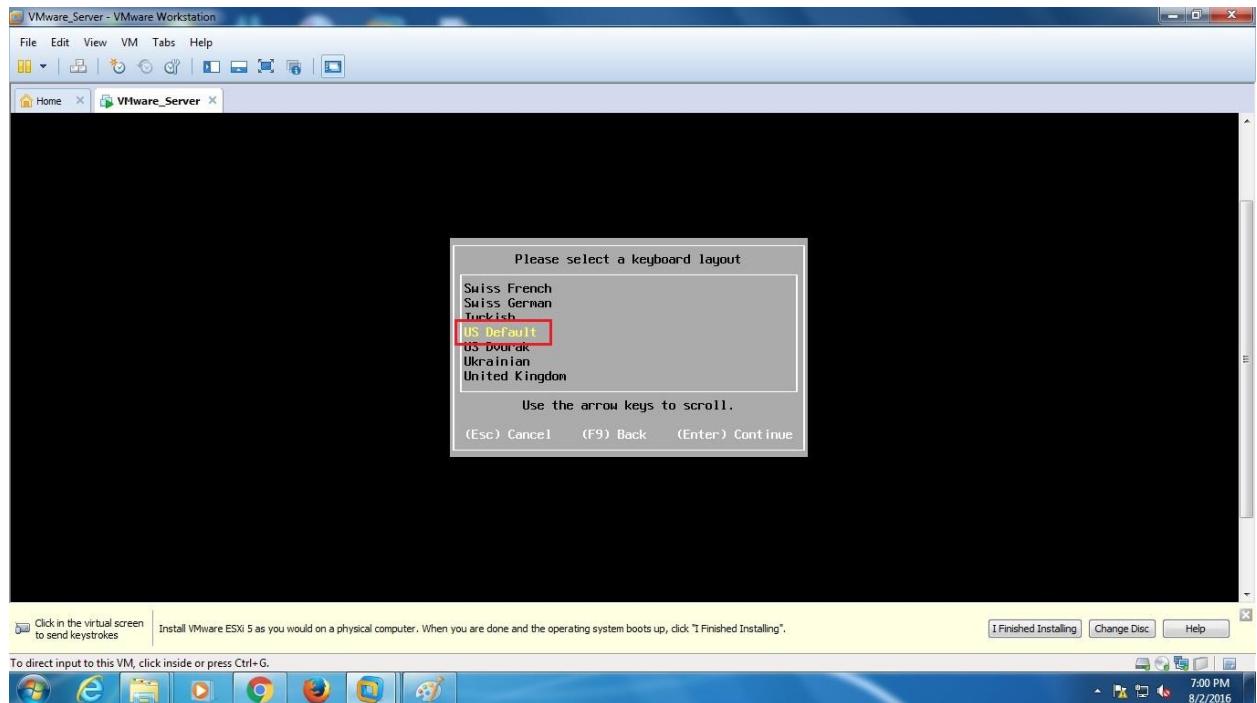
## 7. Installation process.



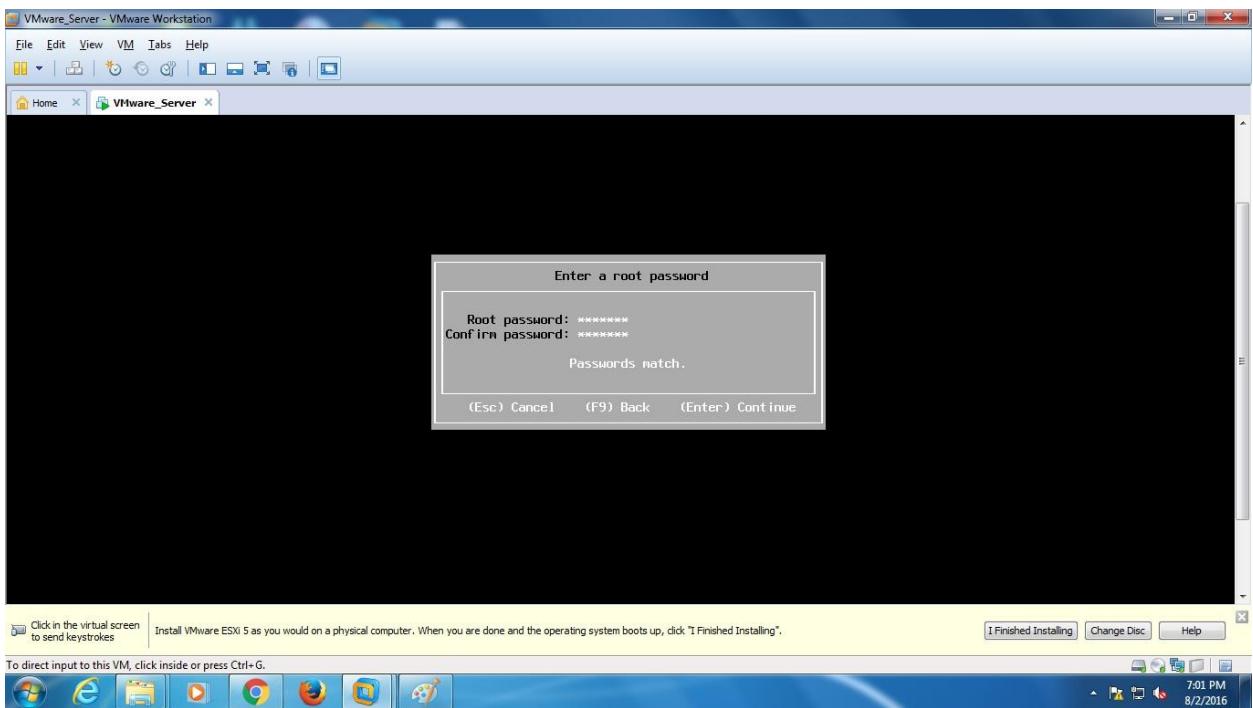
8. Press “**F11**” to agree to license agreement.



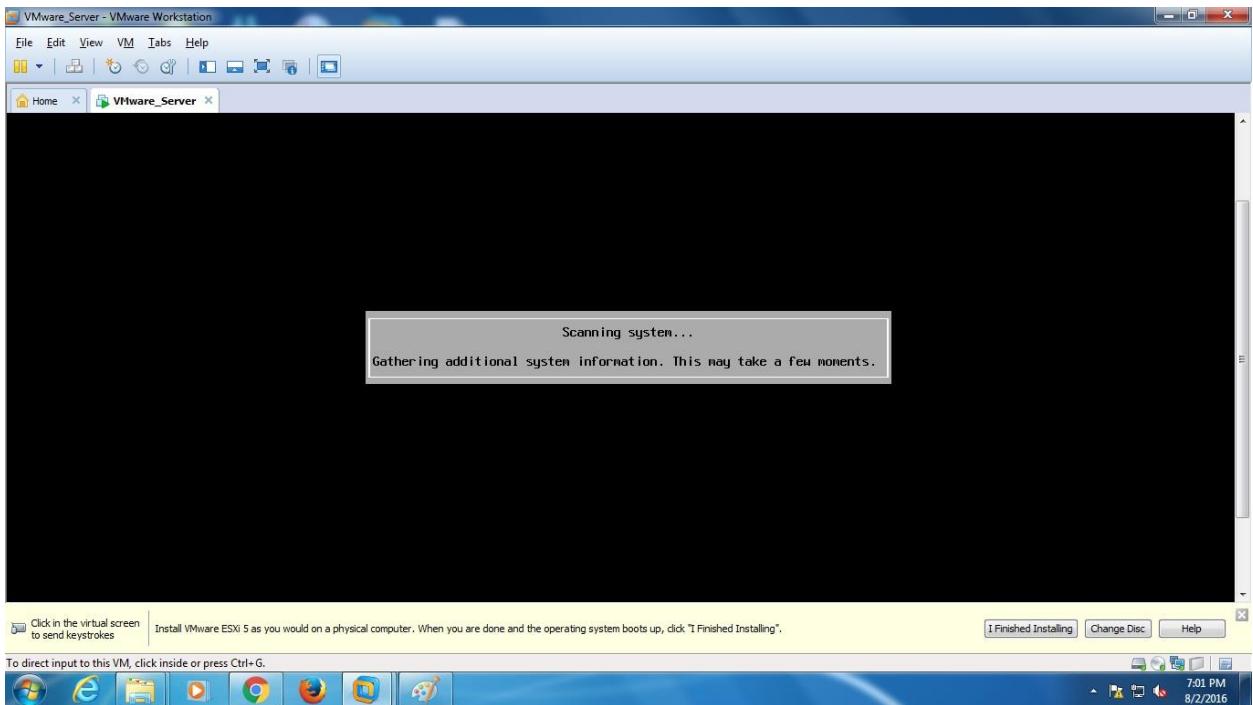
9. Select language “**US default**”.

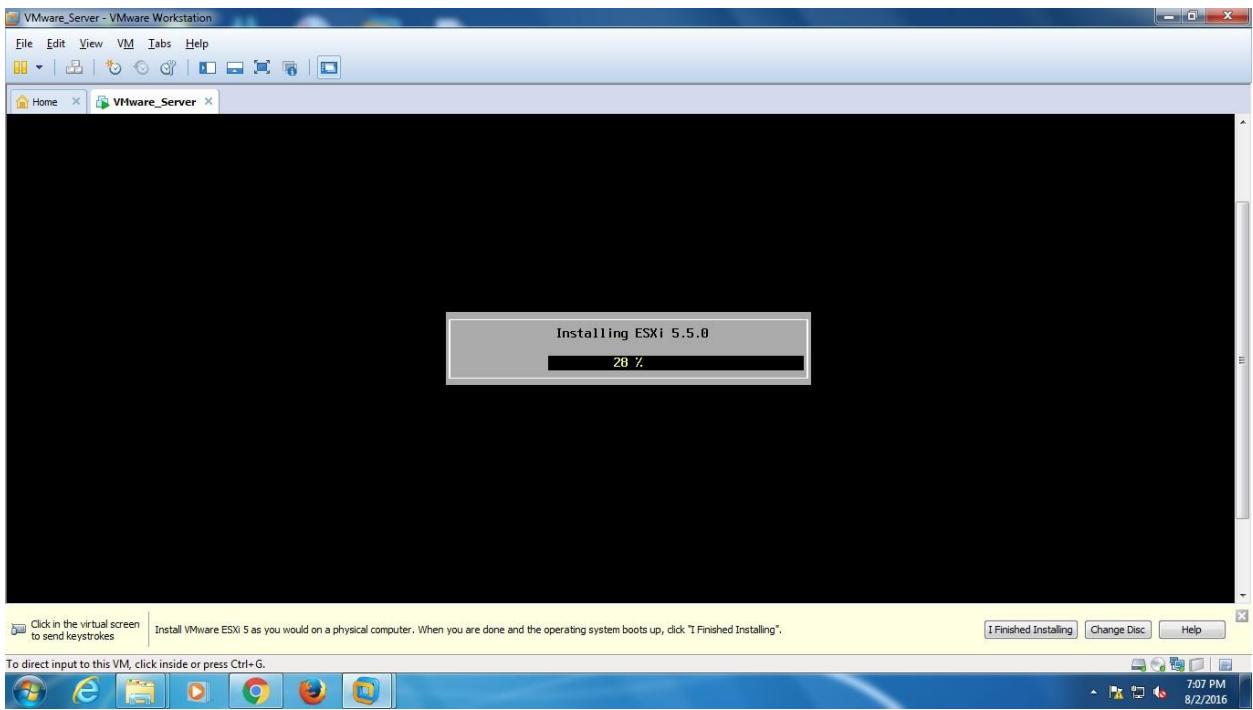


10. Enter the root password.

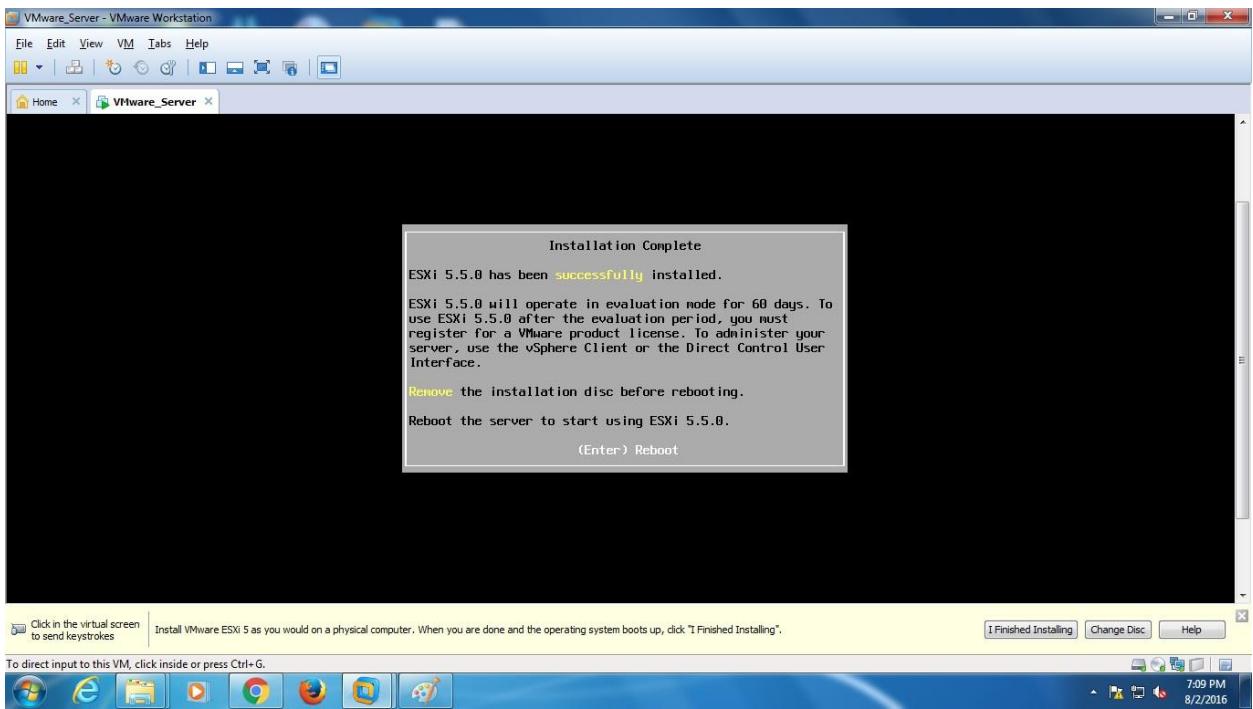


11. Installation process of the VMware server ESXi 5.5.0

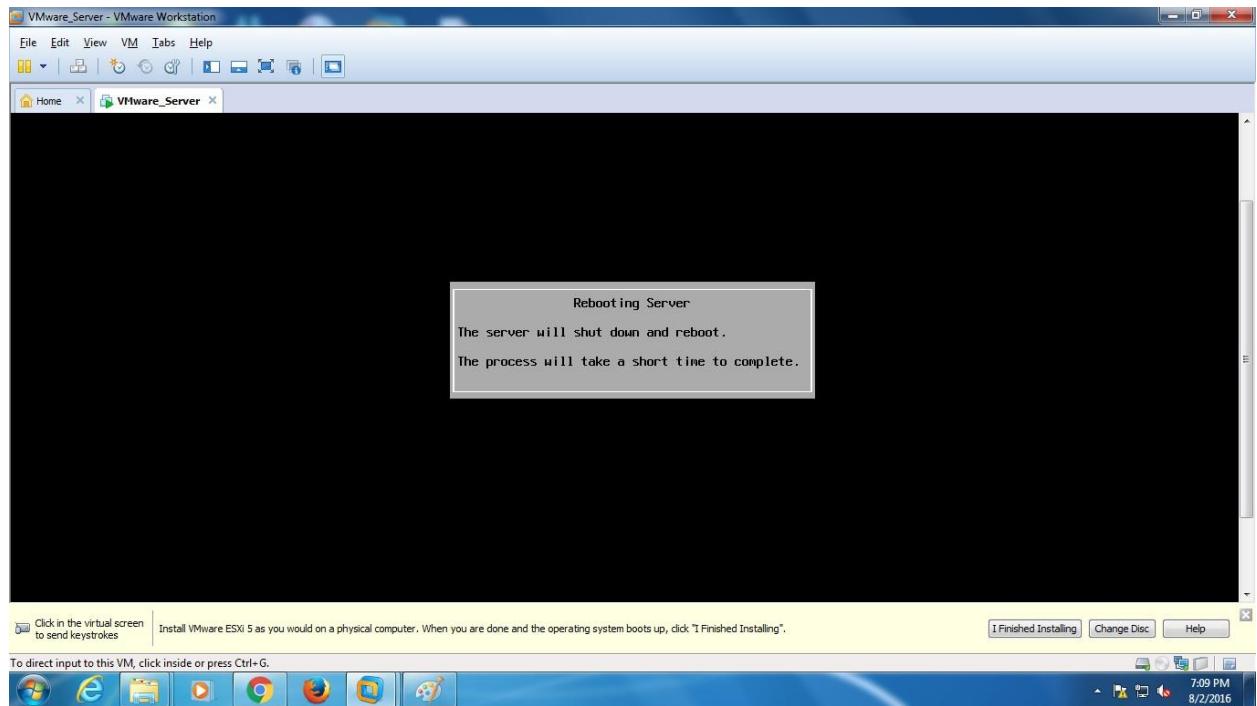




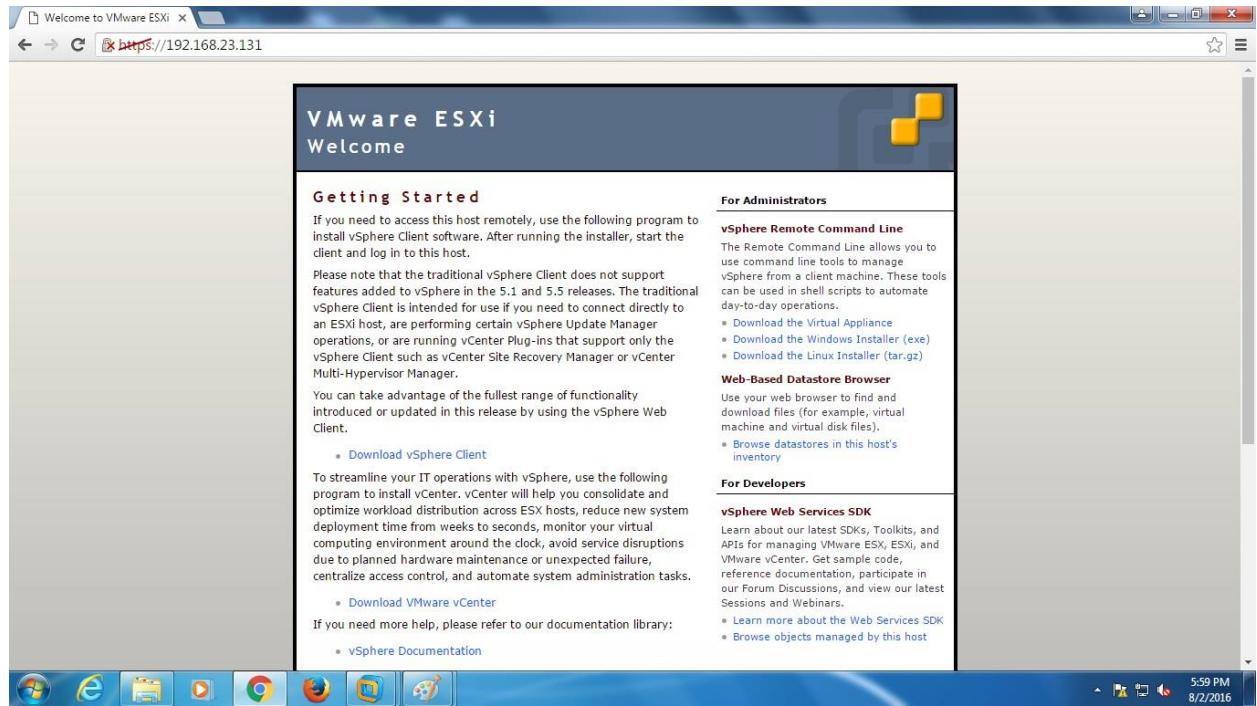
12. Press “Enter” to reboot the system after the installation.



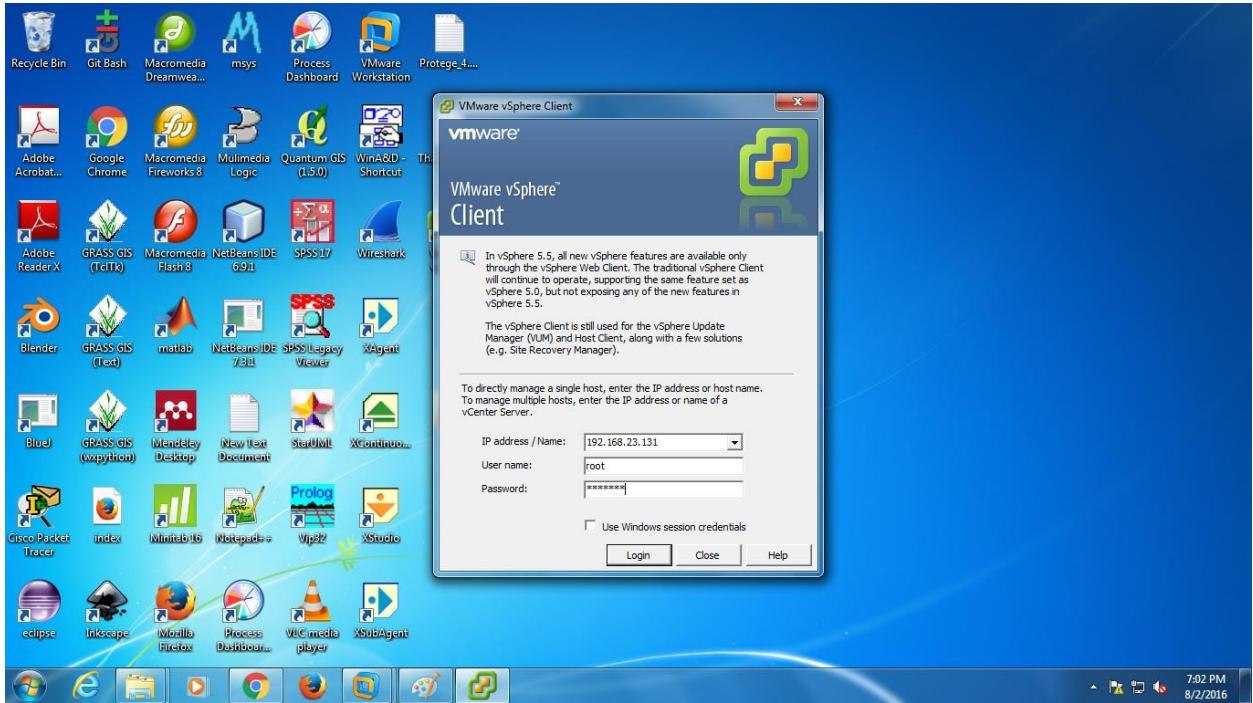
### 13. Rebooting the server.



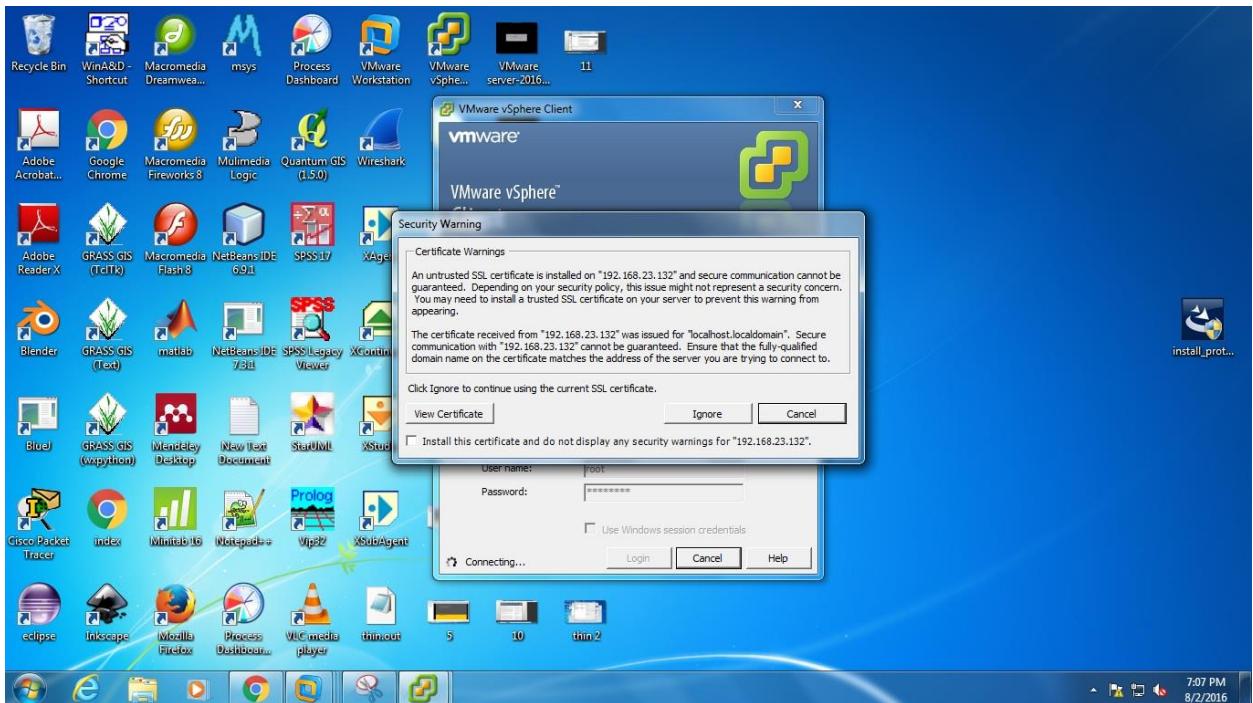
### 14. Using the IP address obtained download the vSphere Client.



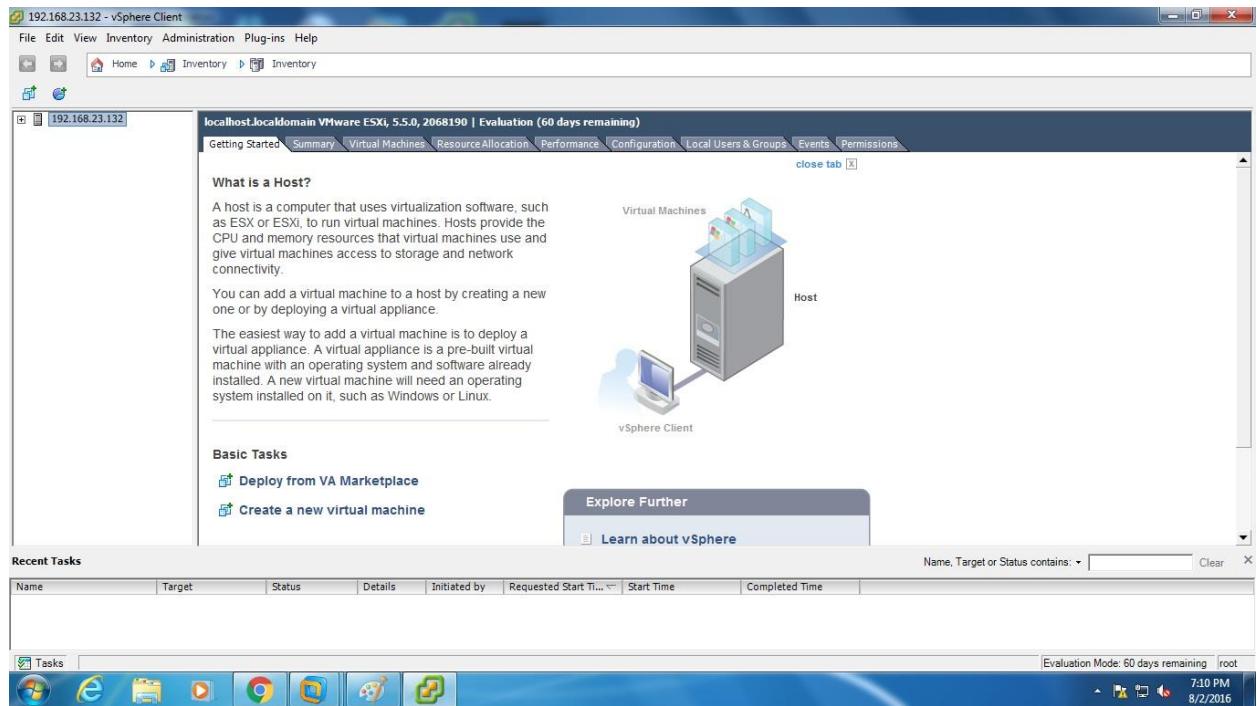
15. After downloading install the software. Then log in by giving the IP address, username and password.



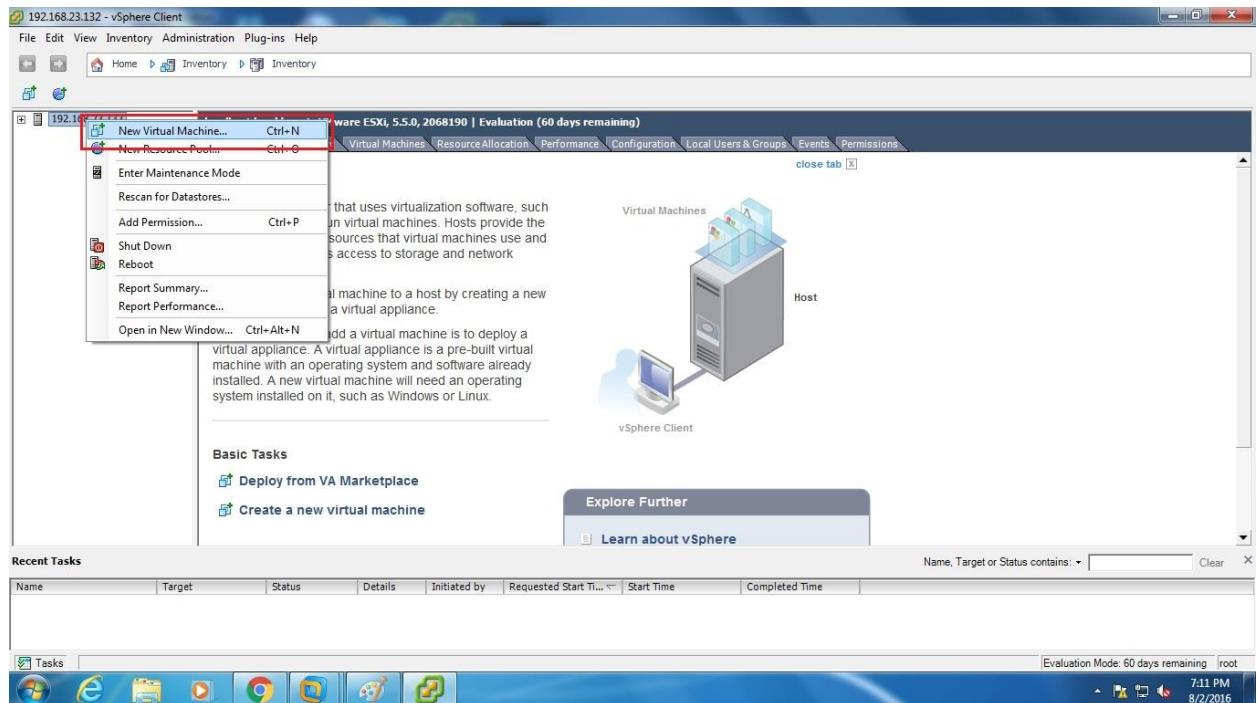
16. Click "Ignore" to close the window as the downloaded software is a trial version.



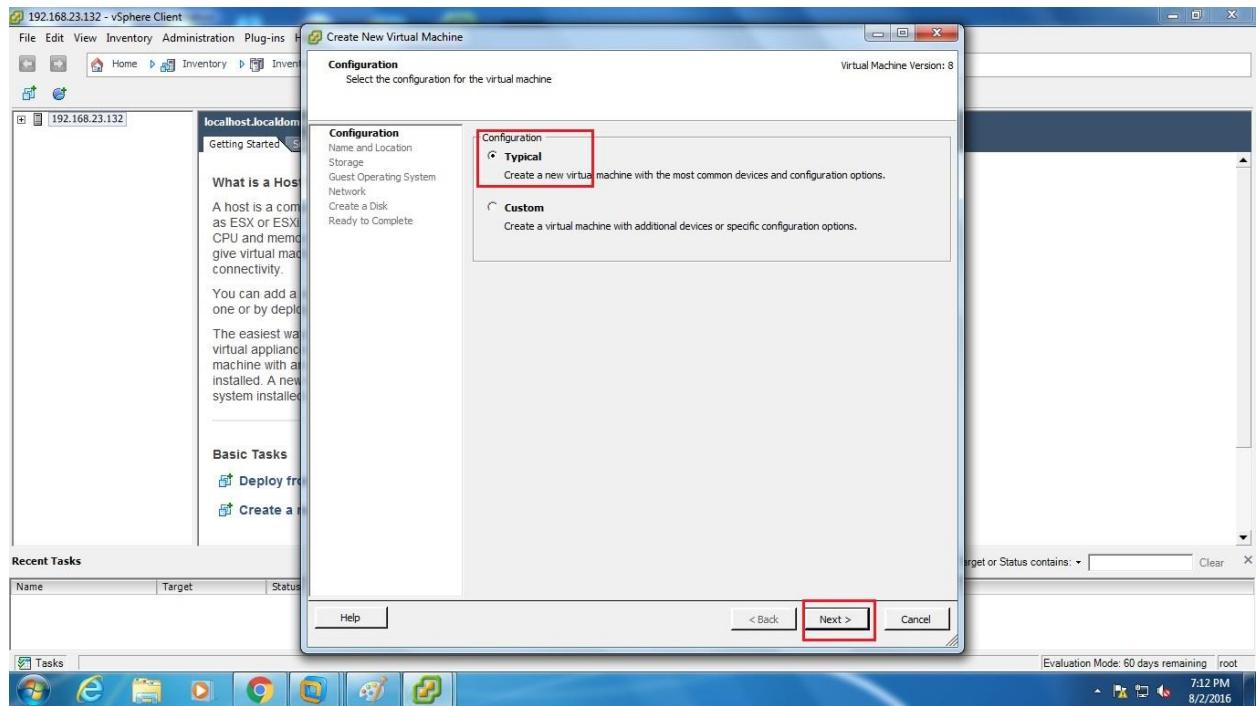
## 17. Main interface of the vSphere Client.



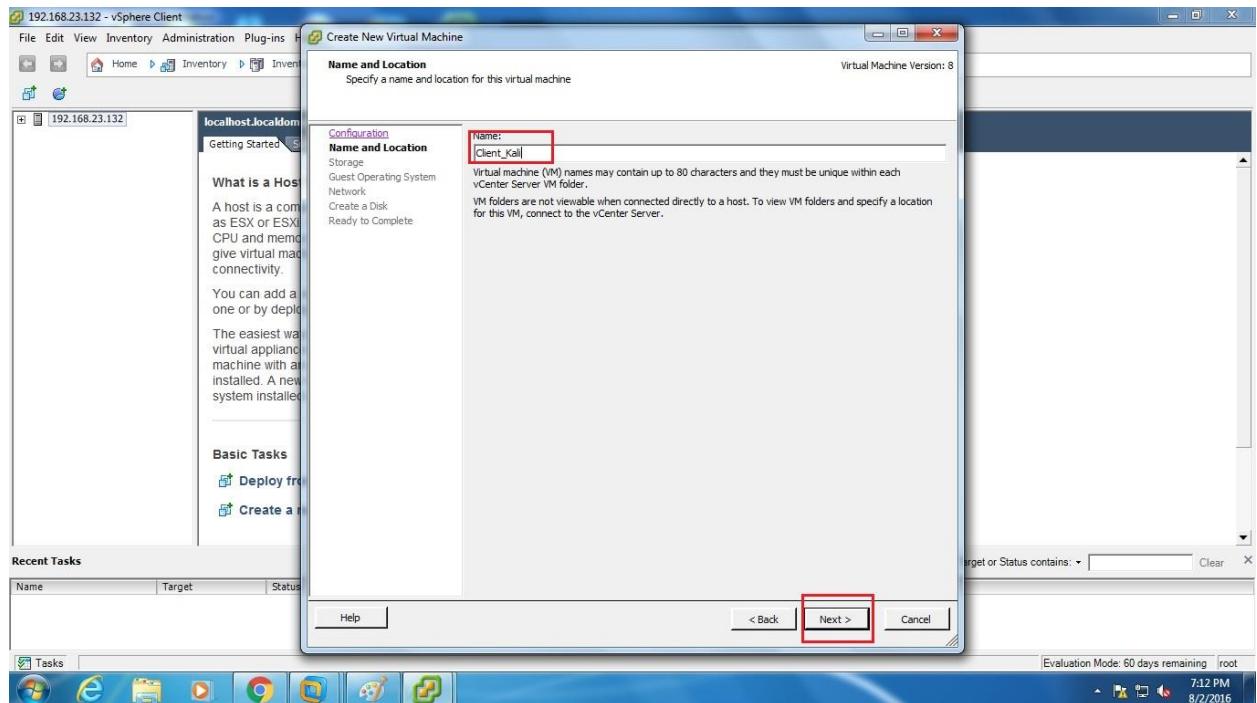
## 18. Right click on the IP address and click “Create a new virtual machine”.



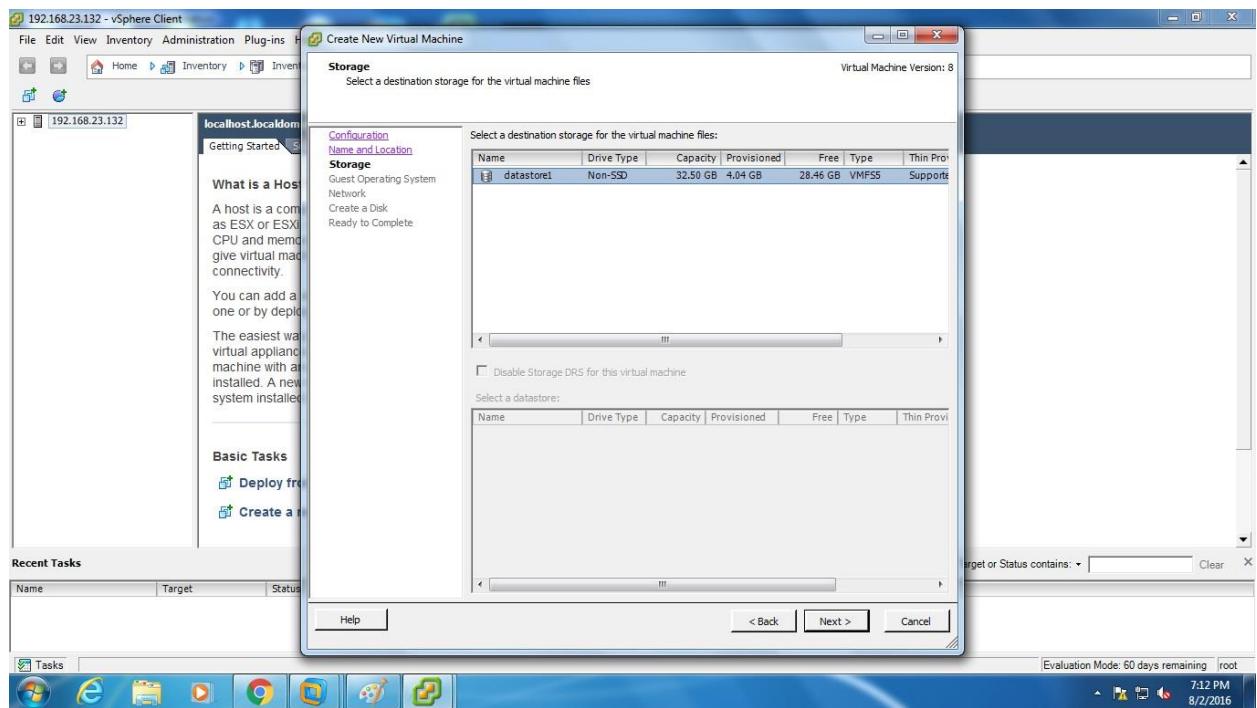
19. Select configuration “Typical” and click “Next”.



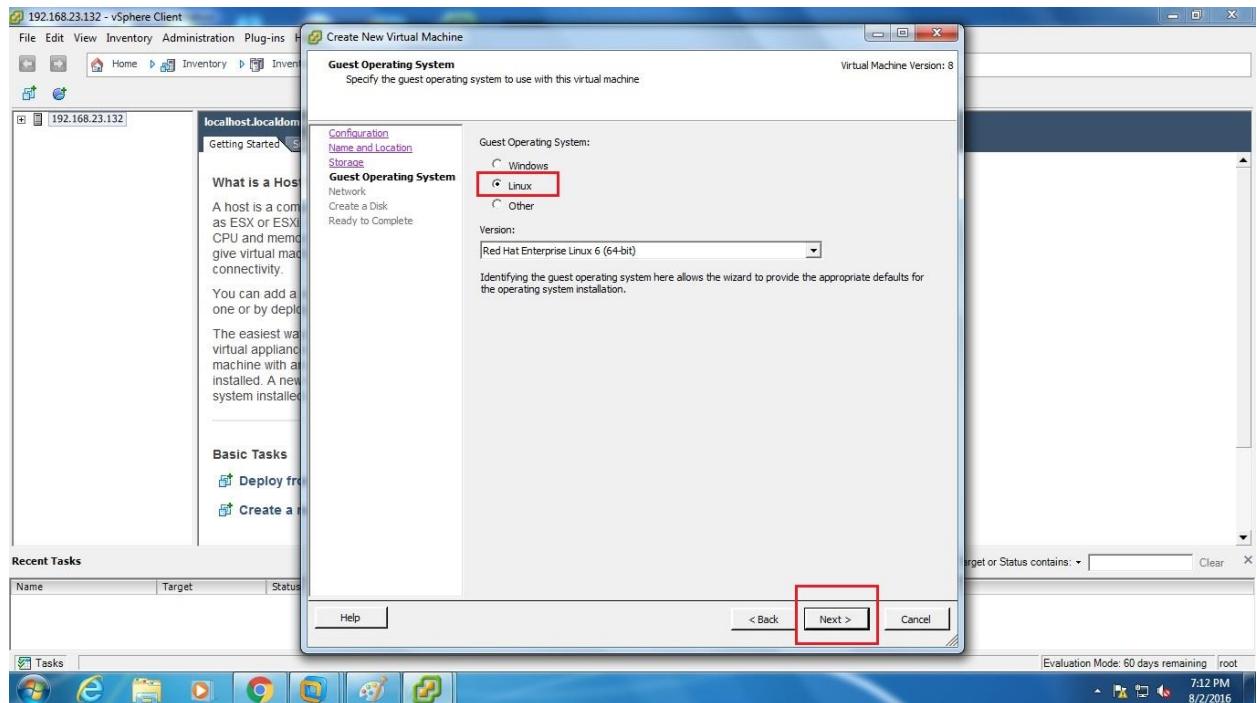
20. Give a name to the client and click “Next”.



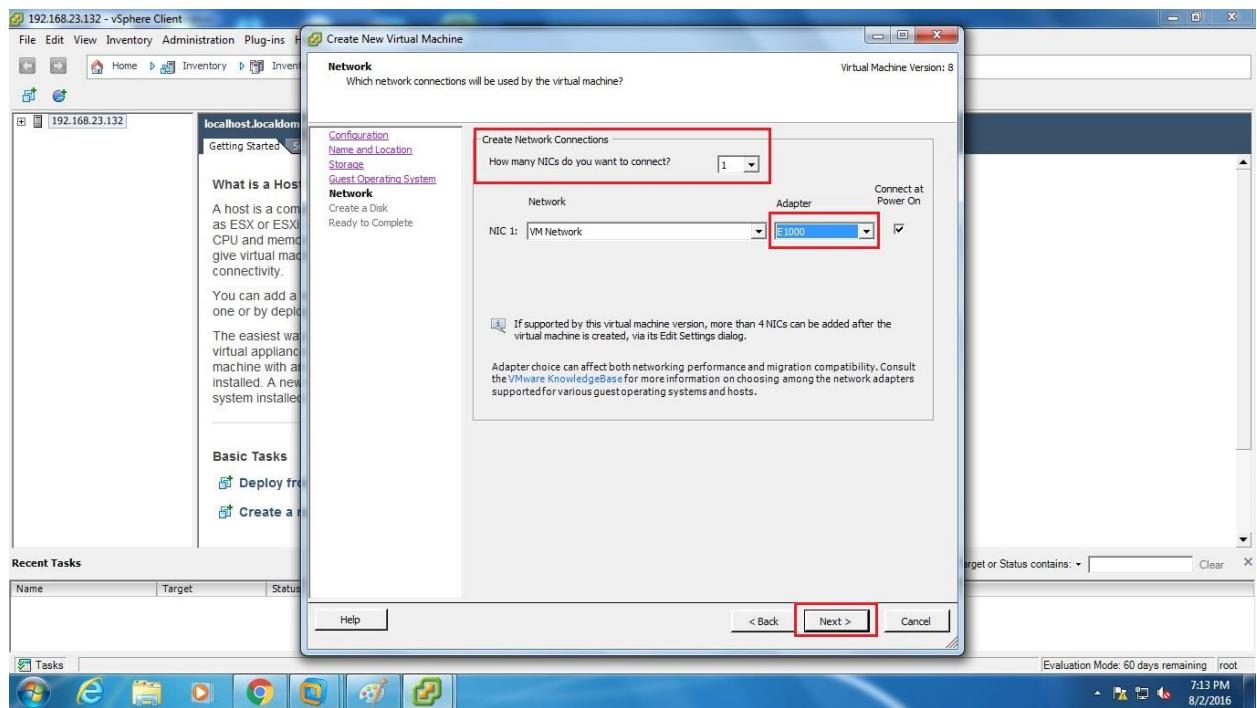
**21. Click “Next”.**



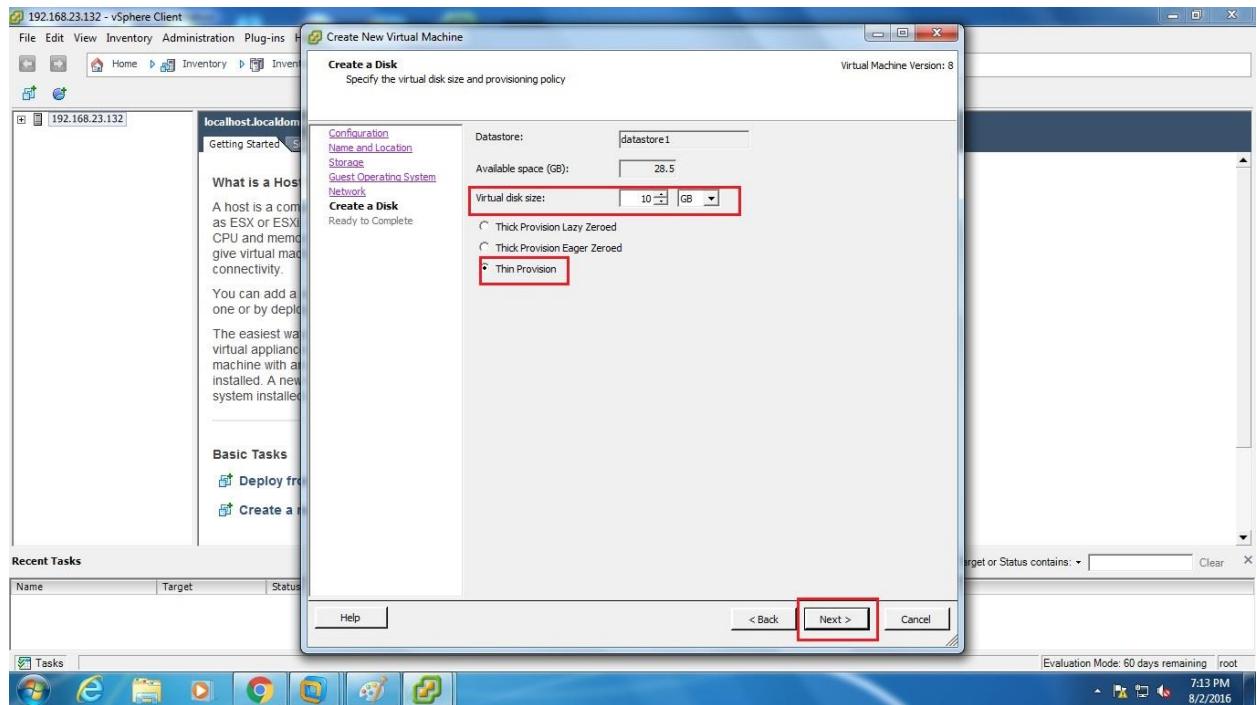
**22. Select Guest operating system as “Linux” and click “Next”.**



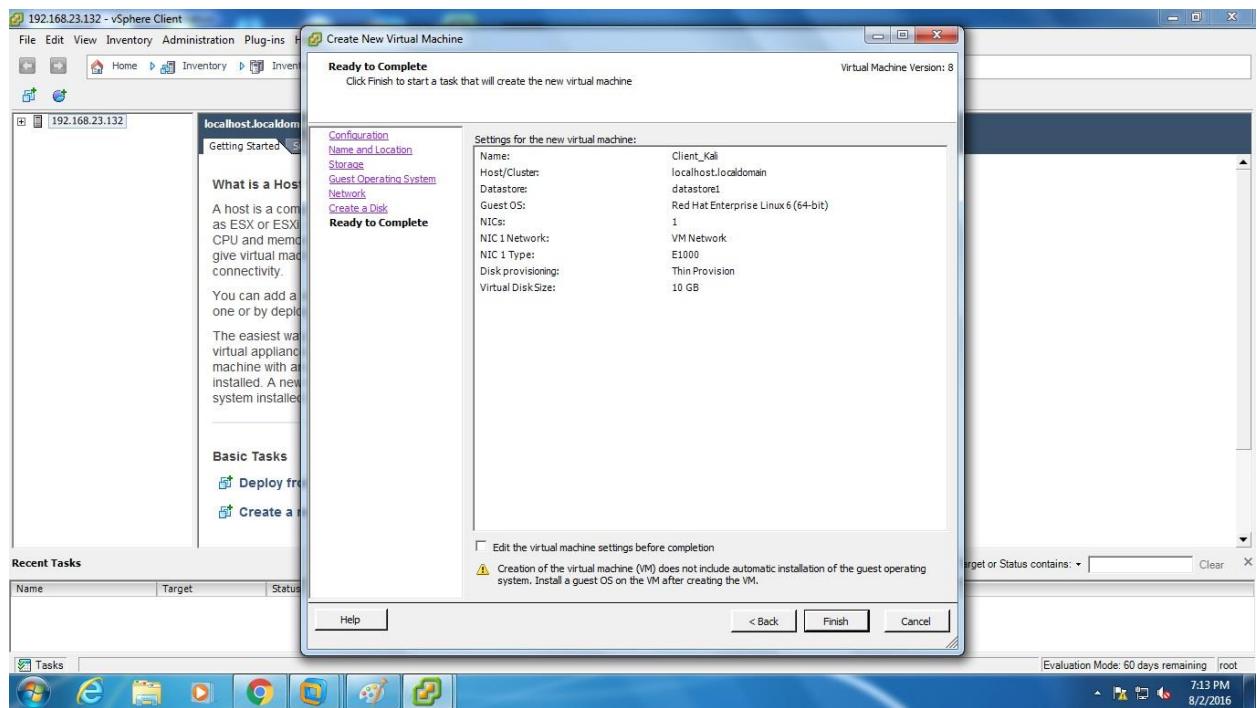
23. Give number of NIC's as "1" and adapter as "E100" and click "Next".



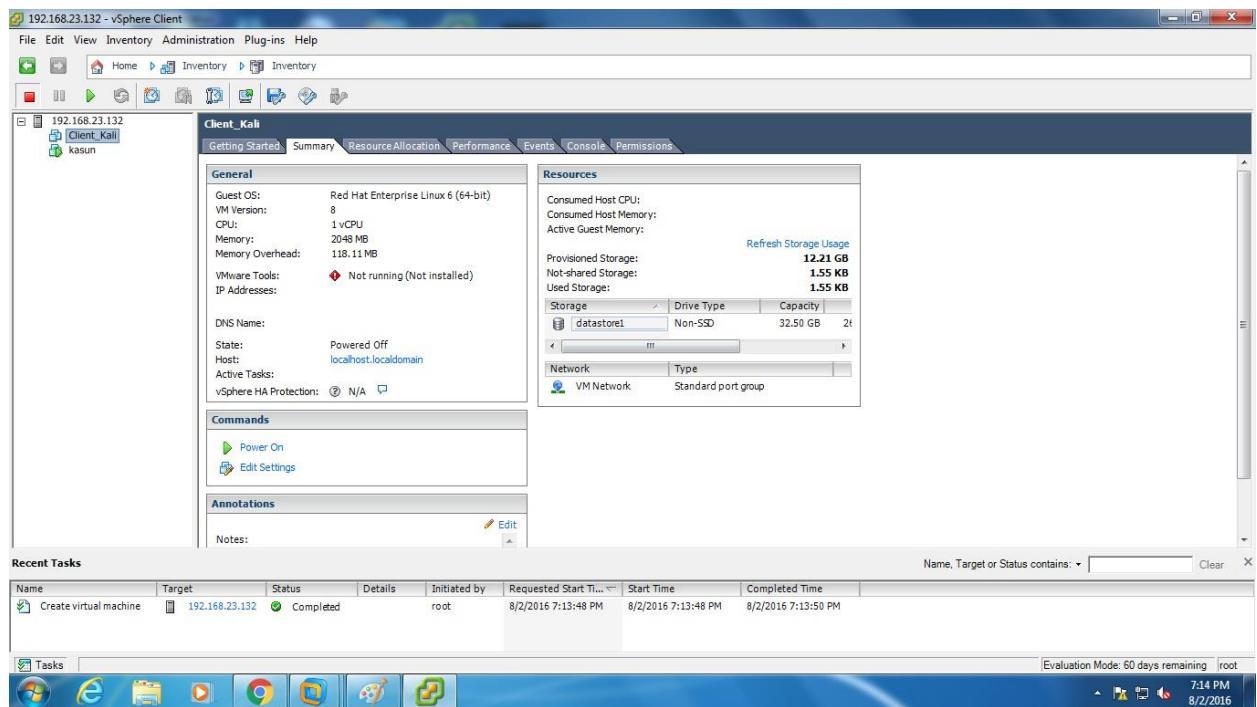
24. Give the virtual disk size as "10GB", select "Thin provision" and click "Next".



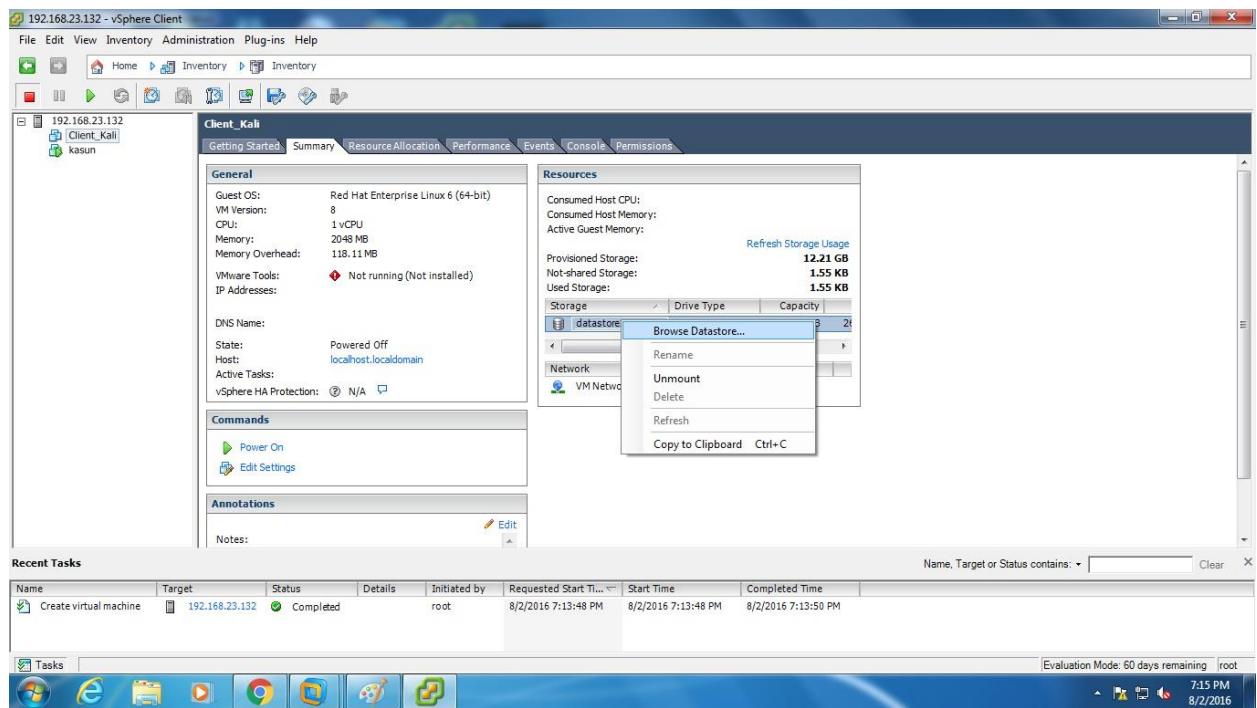
25. Click “Finish” to end creating the client side virtual machine.



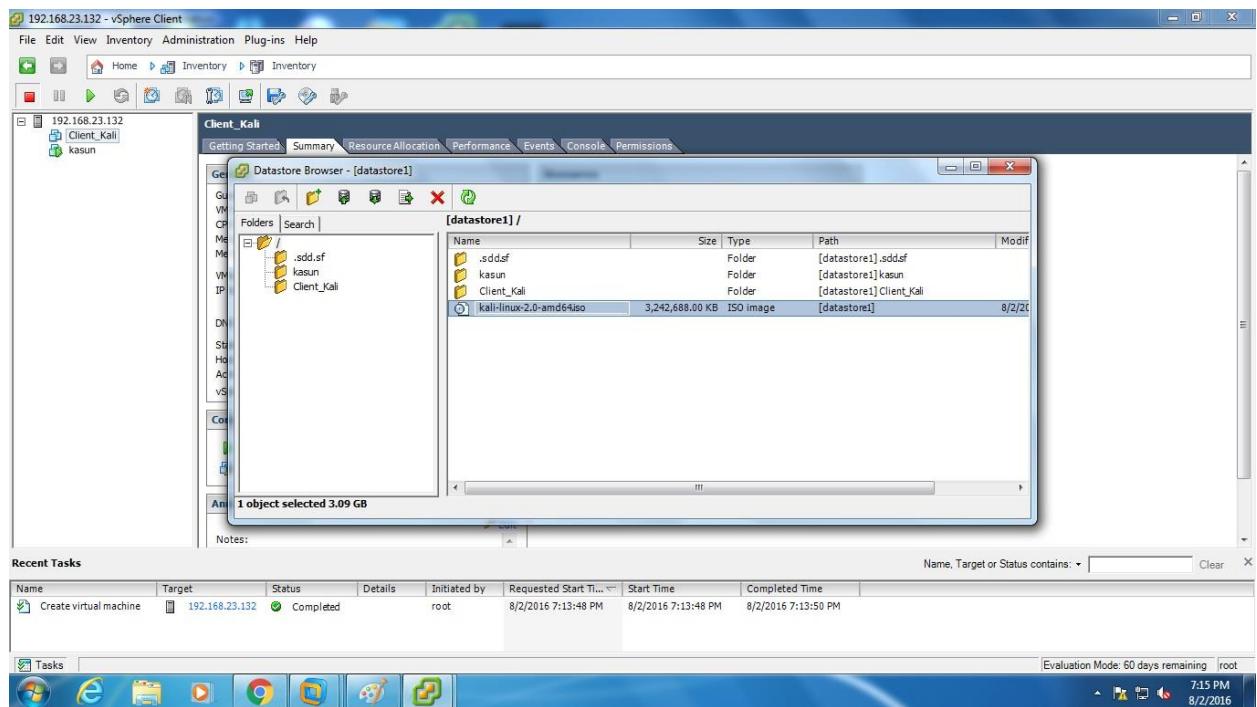
26. Select the “Summary” from the tabs of the created client side virtual machine.



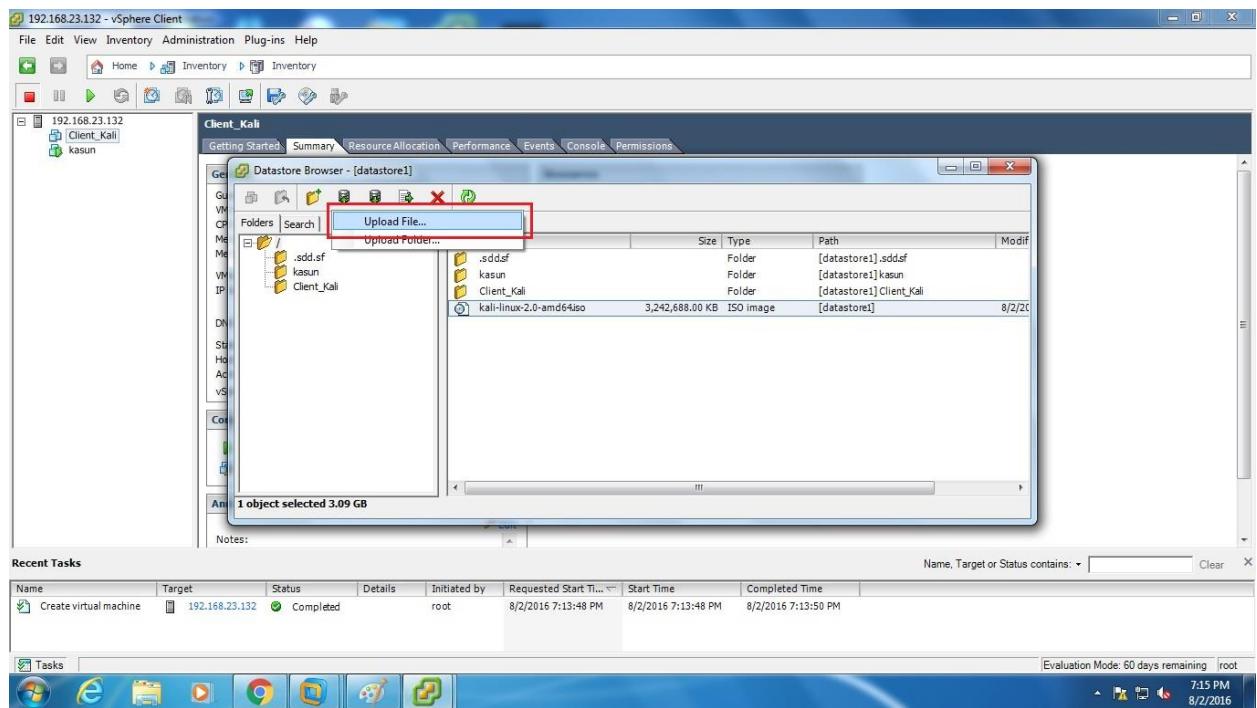
27. Right click Resources -> Storage -> datastore and browse a datastore.



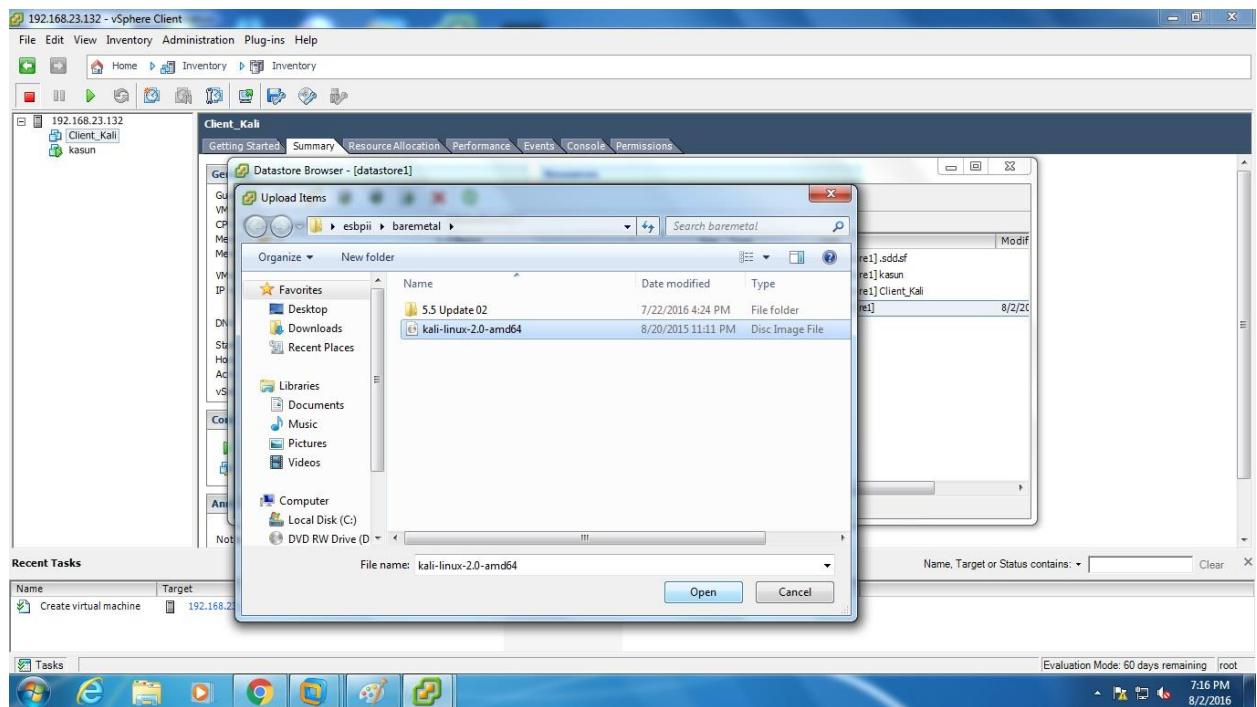
28. Select the Kali Linux ISO image.



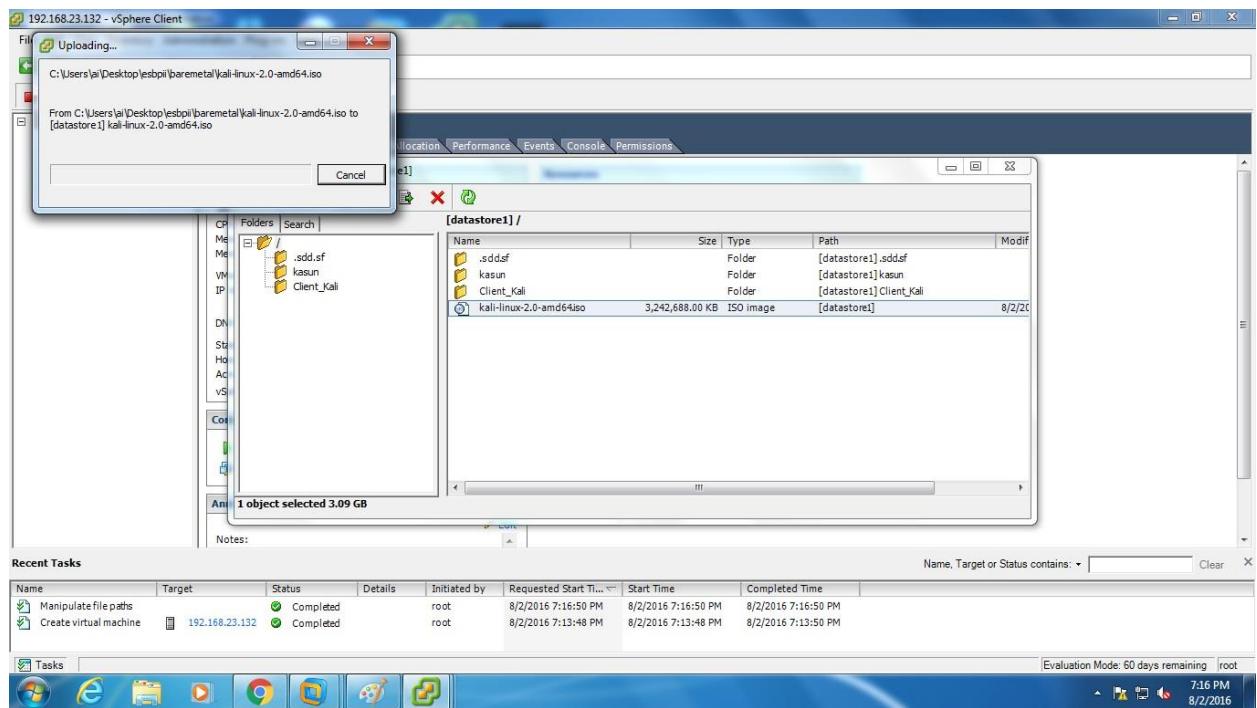
29. Then select “upload file”.



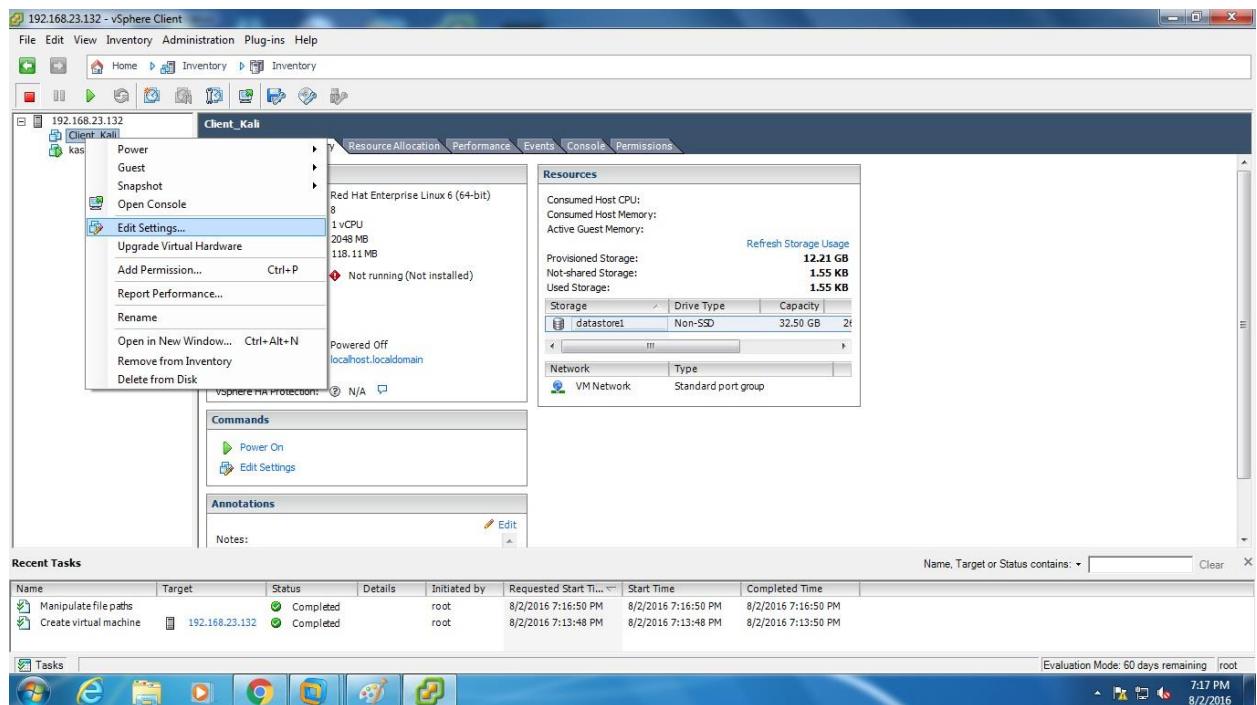
30. Select the “Kali Linux”.



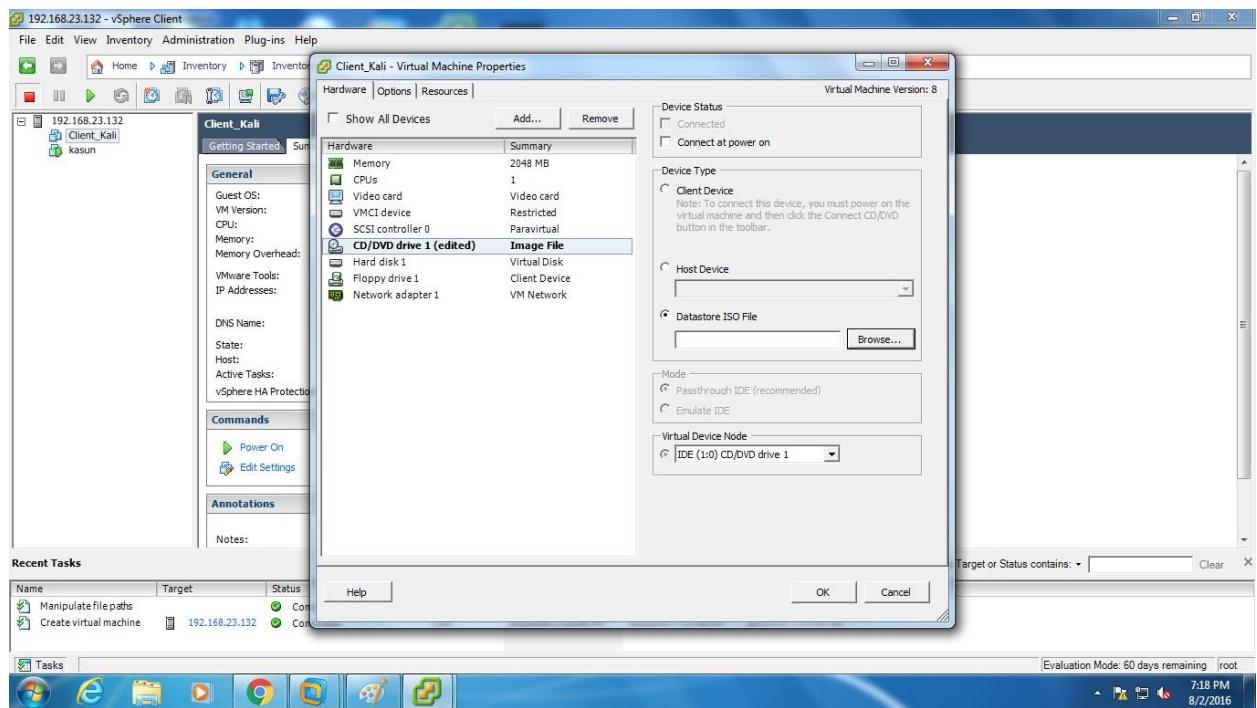
### 31. Uploading.....



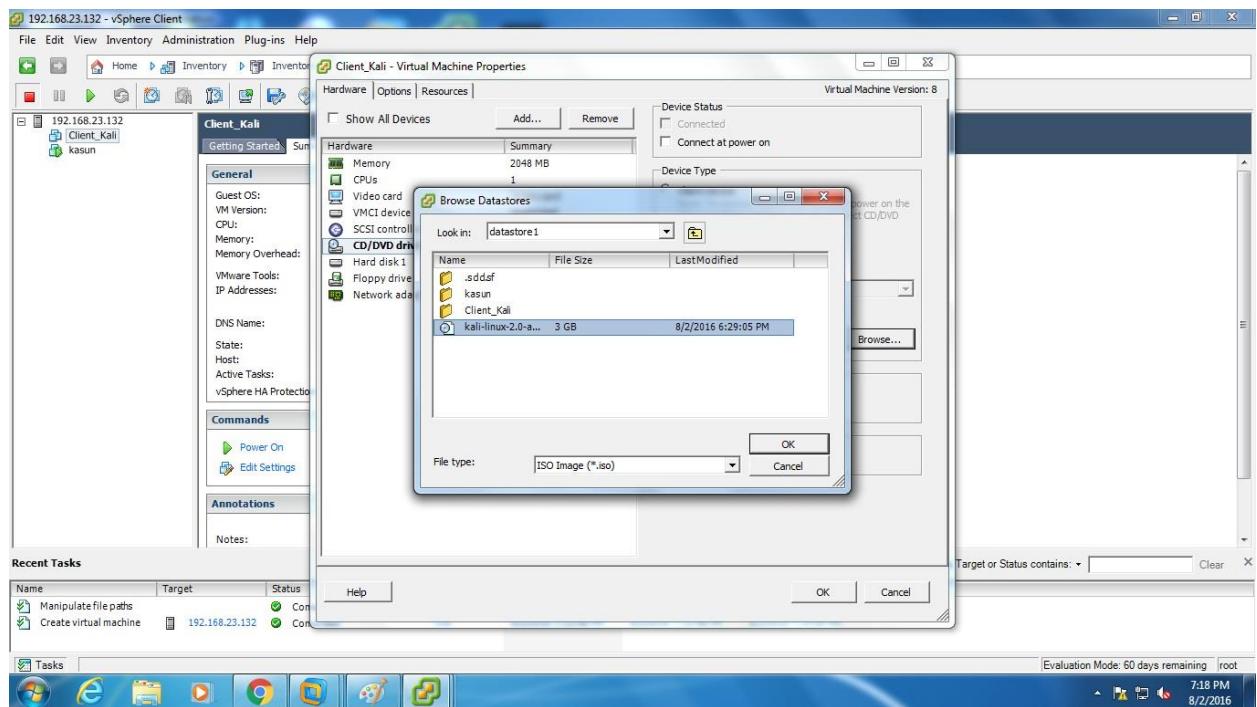
### 32. Right Click the client side server created and select “Edit Settings”.



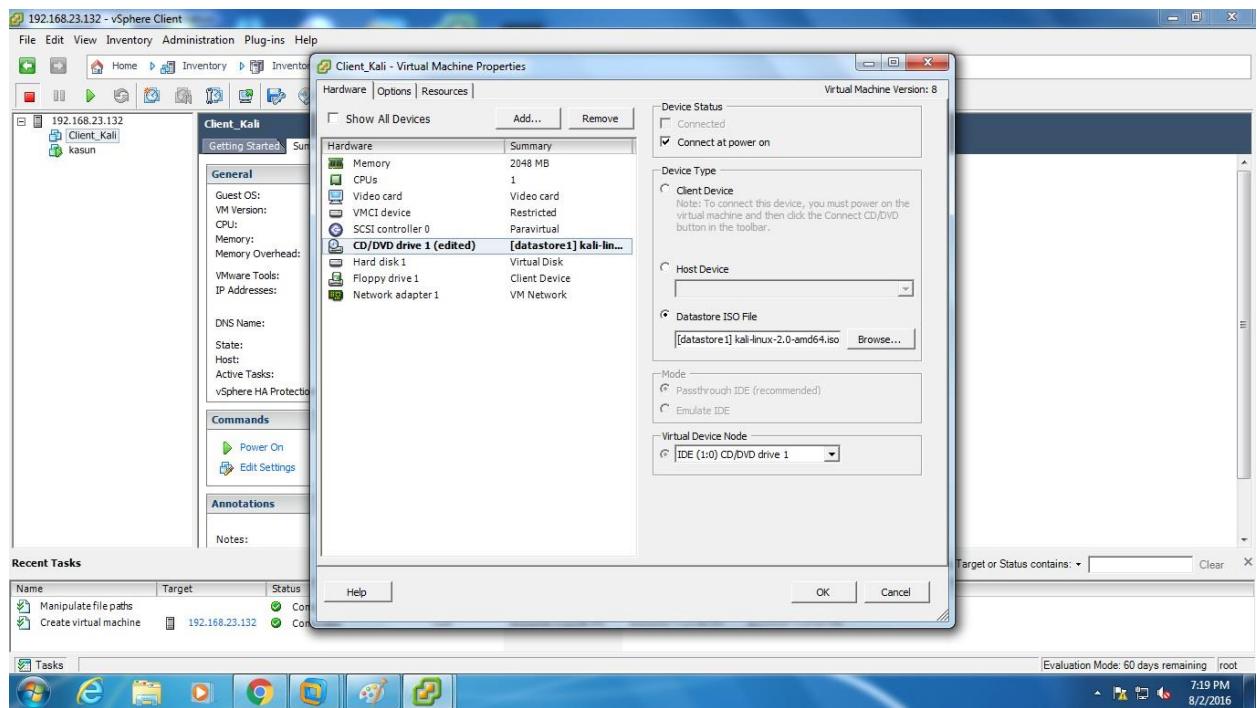
### 33. Select the Hardware “CD/DVD drive1”.



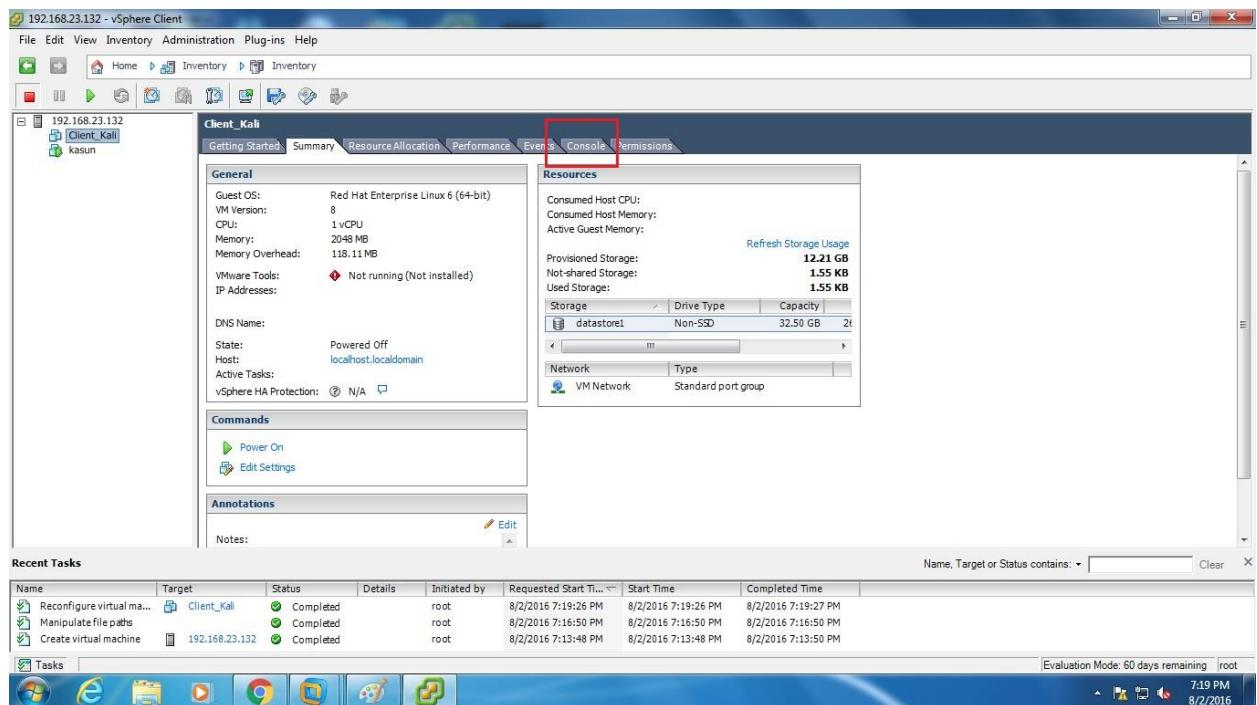
### 34. Browse the Datastore ISO File.



35. Select the Device Status “Connect at power on” and click “OK”.



36. Click “Console” in the tabs to get the OS.



### 37. Work with Kali Linux.

