

SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY



ENTERPRISE STANDARDS AND BEST PRACTICES FOR IT INFRASTRUCTURE
(ESBPII)

Bare Metal Installation

Name: **T.D. SENDANAYAKE**

SLIIT ID: **IT 13 1109 94**

Group Number: -

Practical Session: **WE Tuesday**

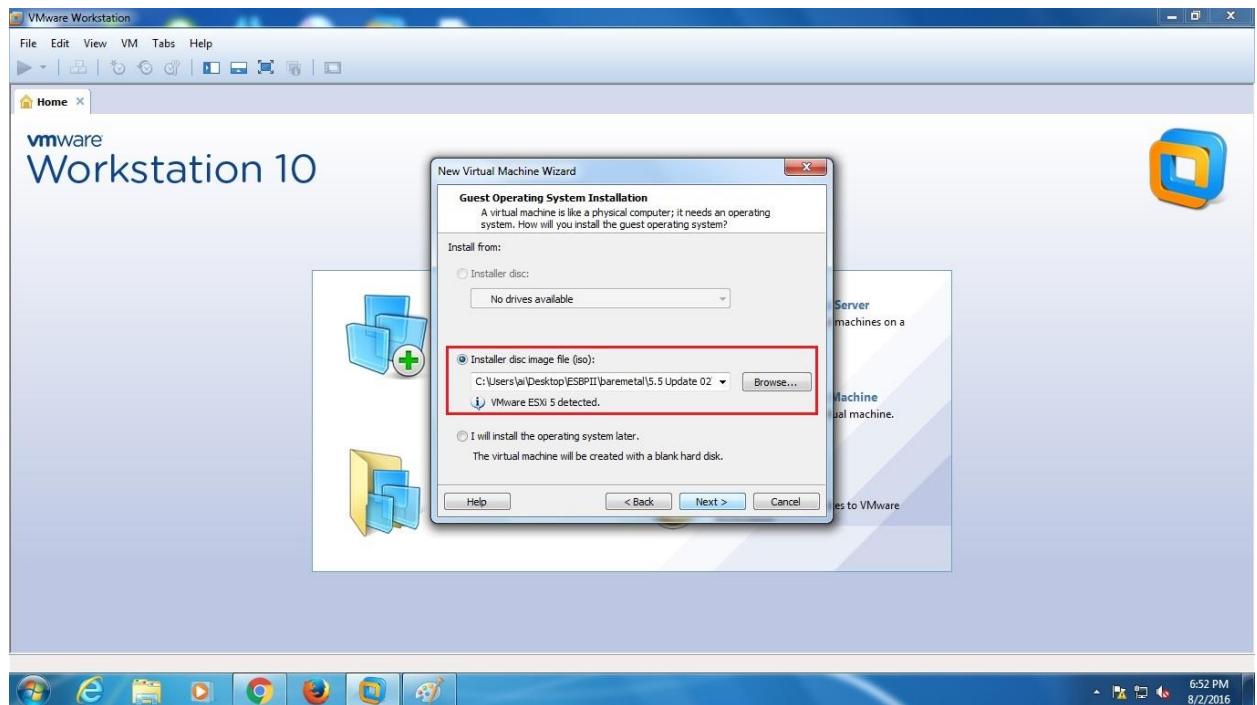
Practical Number: **Bare Metal Installation**

Date of Submission: **16 Aug 2016**

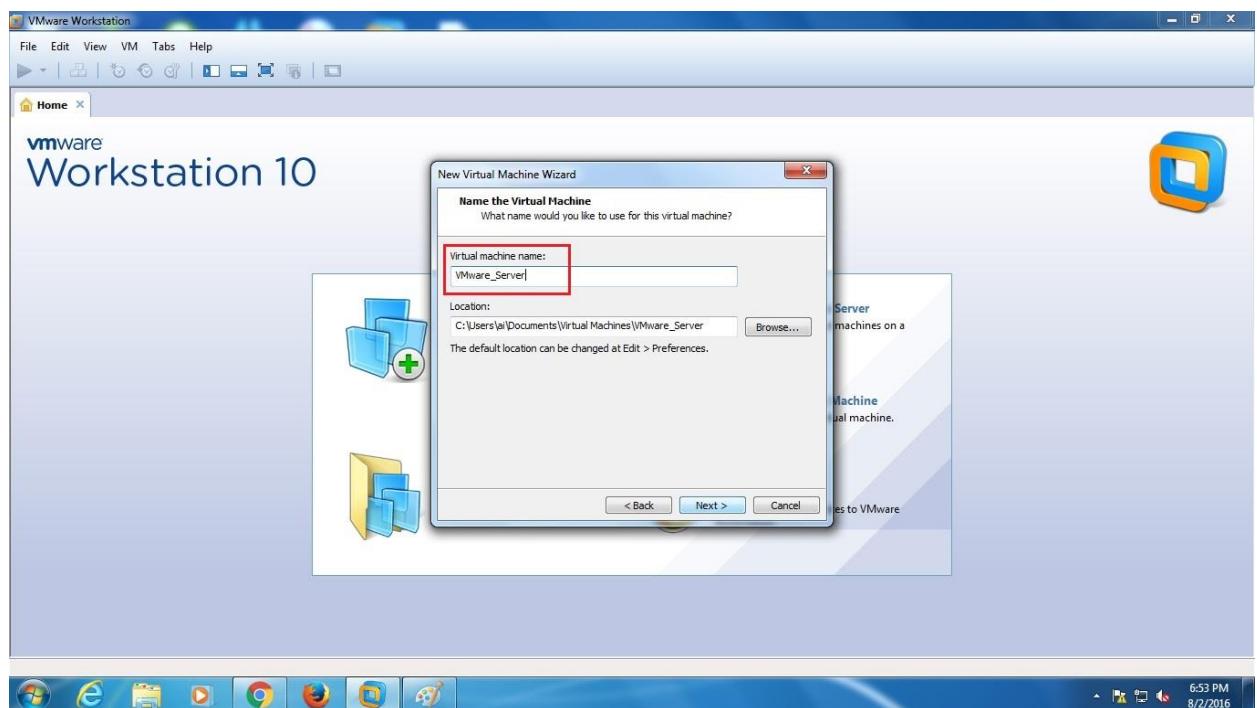
Date of Evaluation : _____

Evaluators Signature : _____

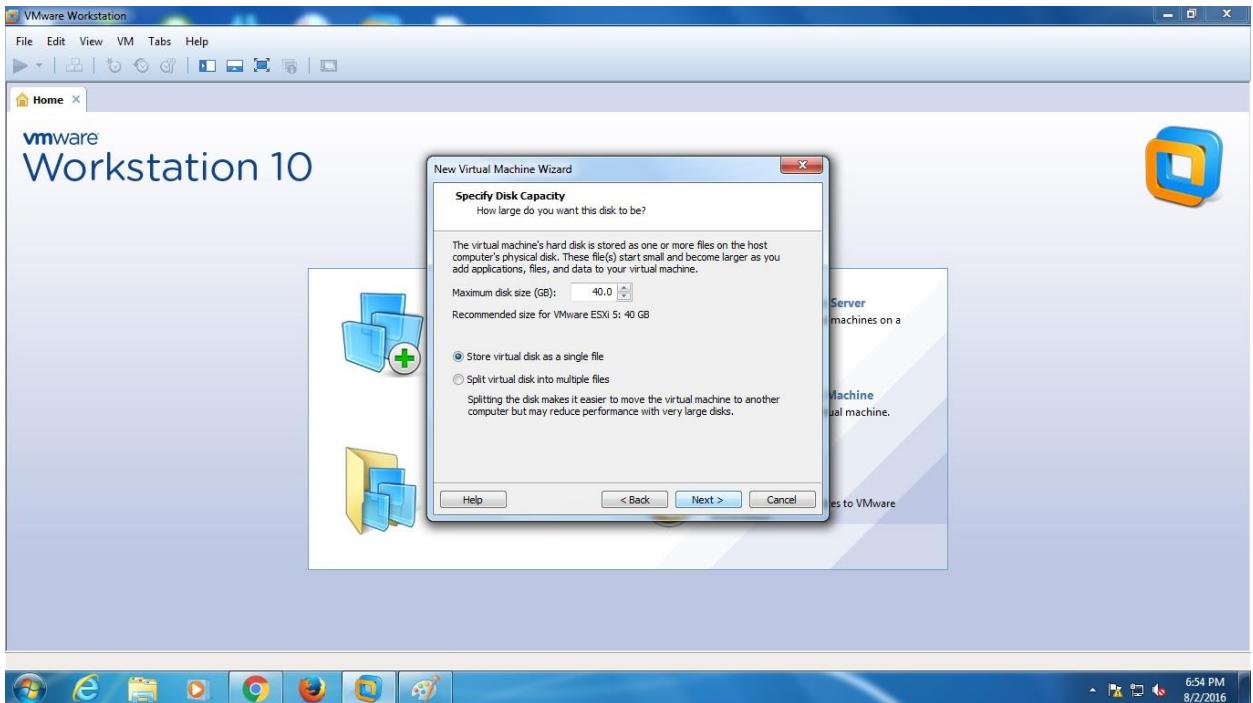
1. Browse and select the Installer disc image file.



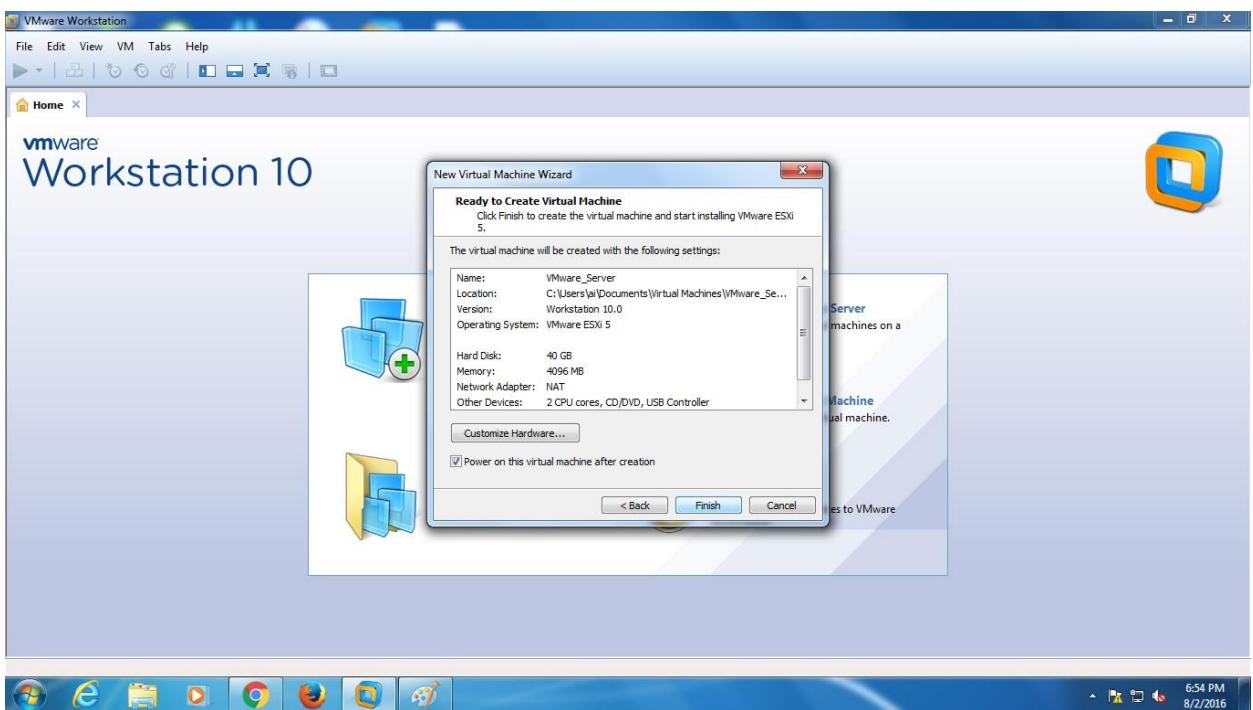
2. Give a name to the Virtual Machine.



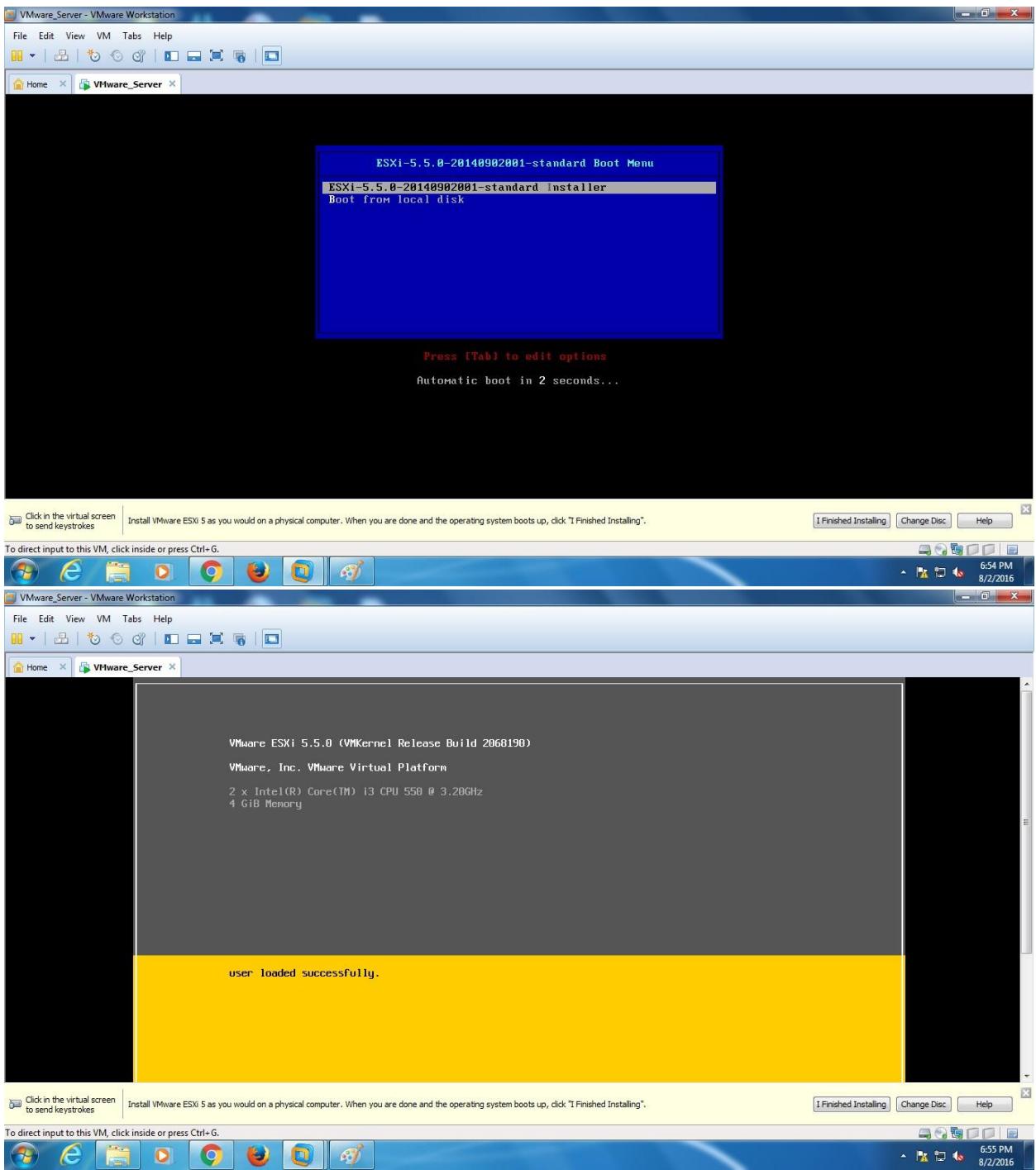
3. Select “Store virtual disk as a single file” and select the disk size.



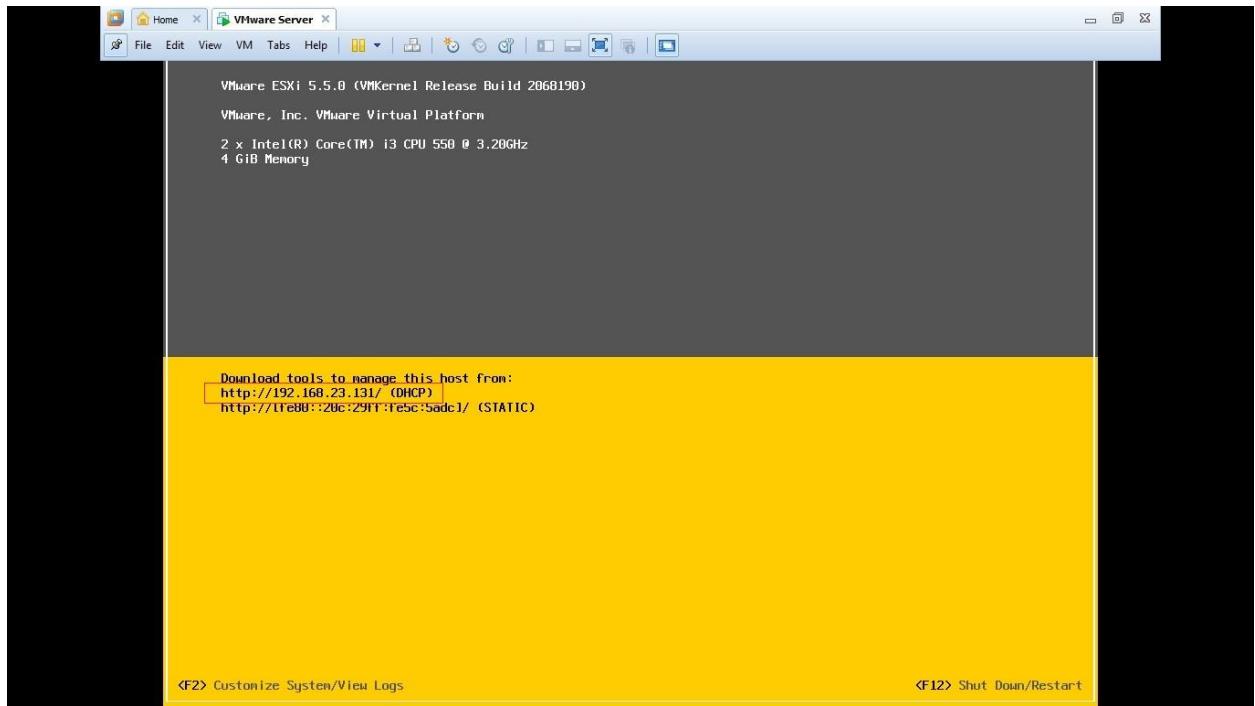
4. Click “Finish” to end the installation process.



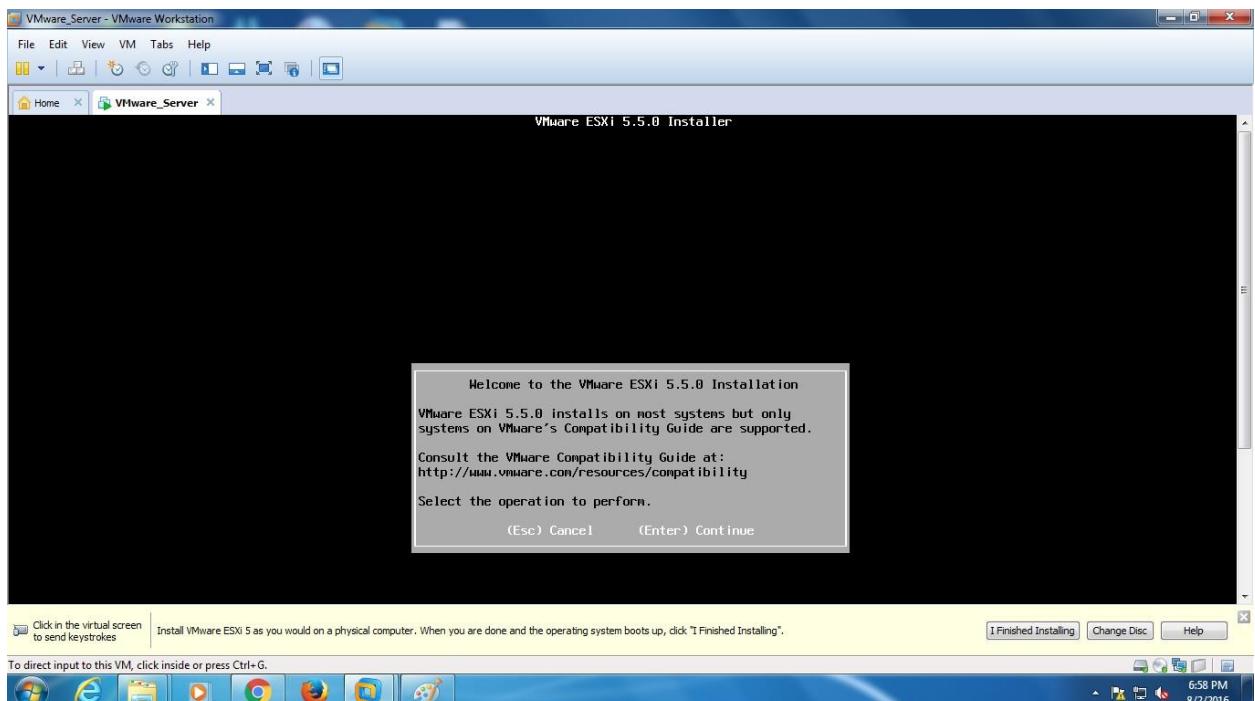
5. Installation process initialization.



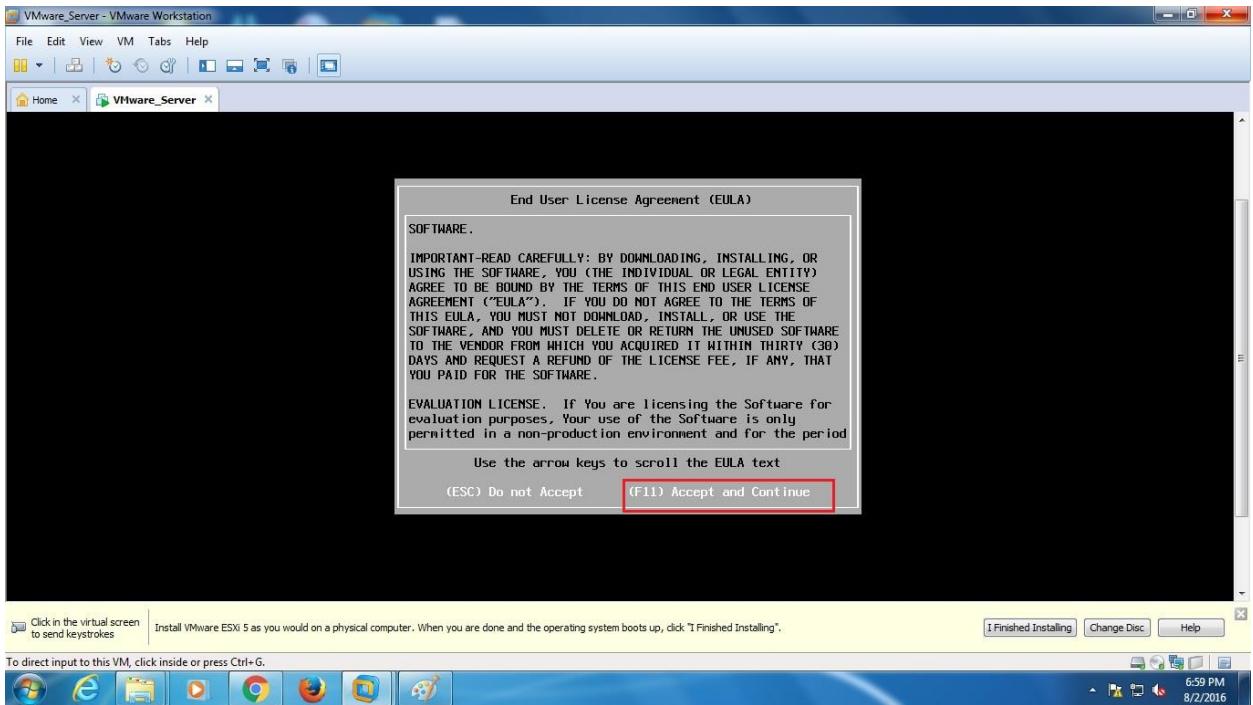
6. IP address to download the client software will be available after the installation.



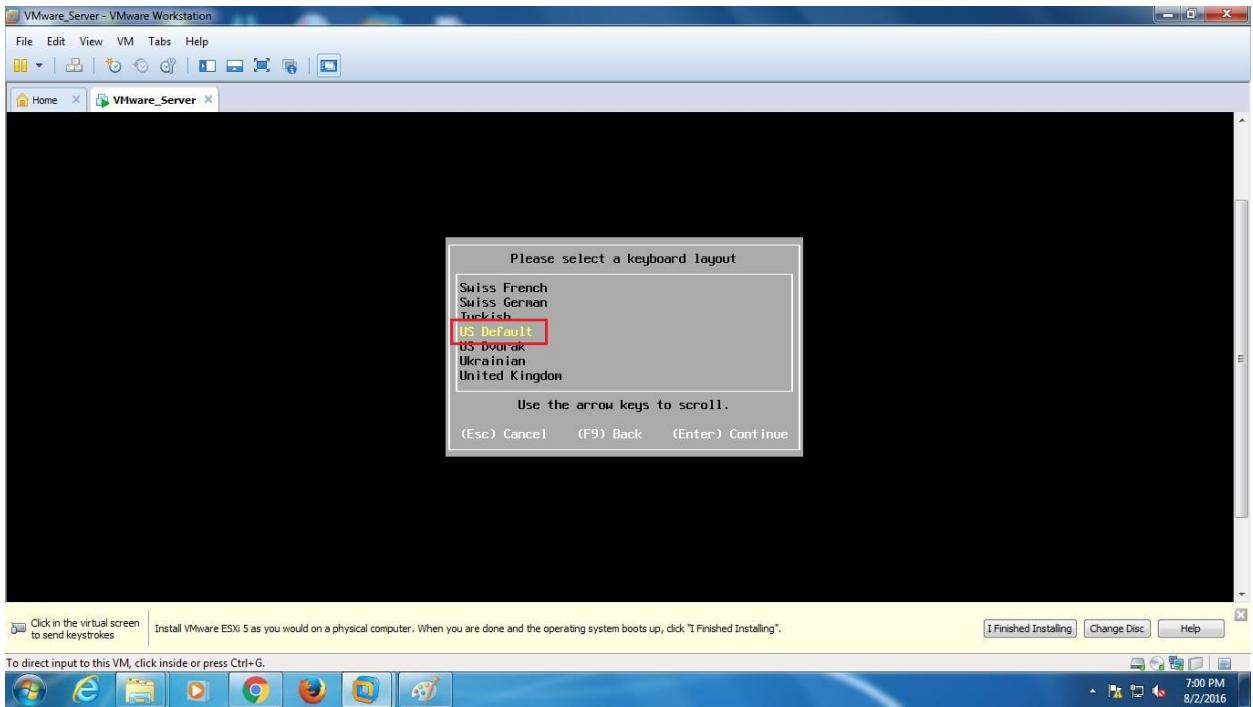
7. Installation process.



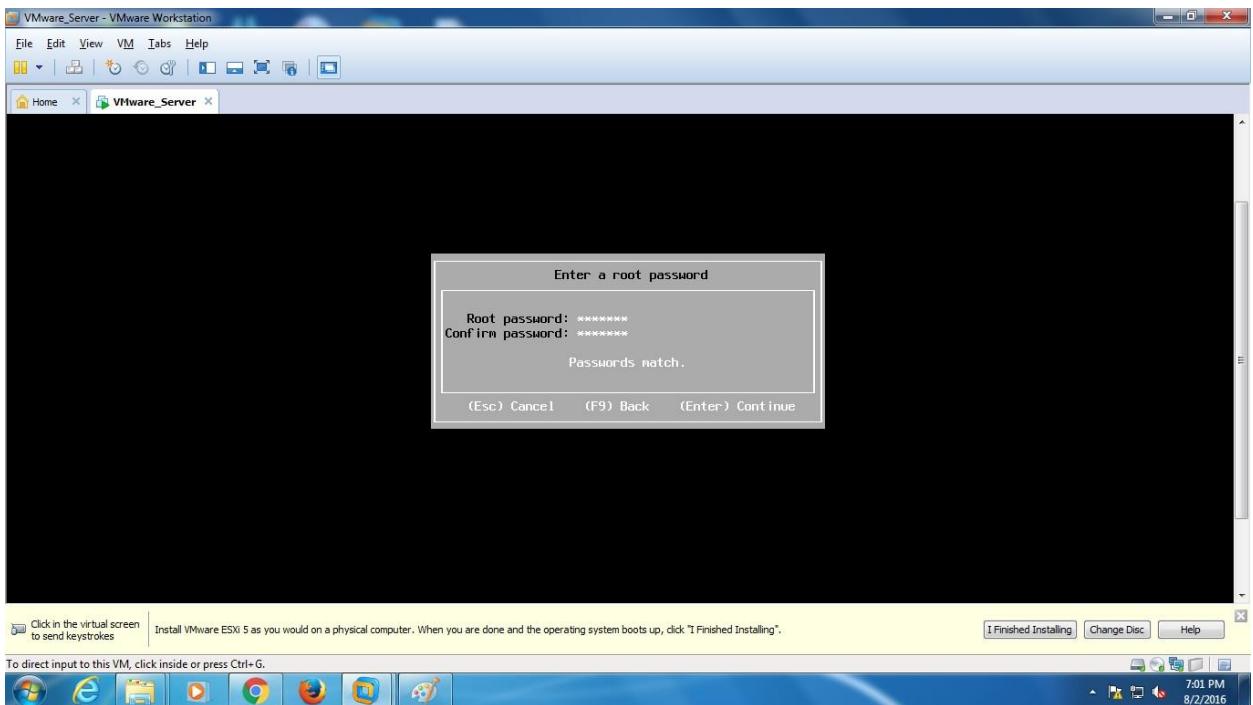
8. Press “F11” to agree to license agreement.



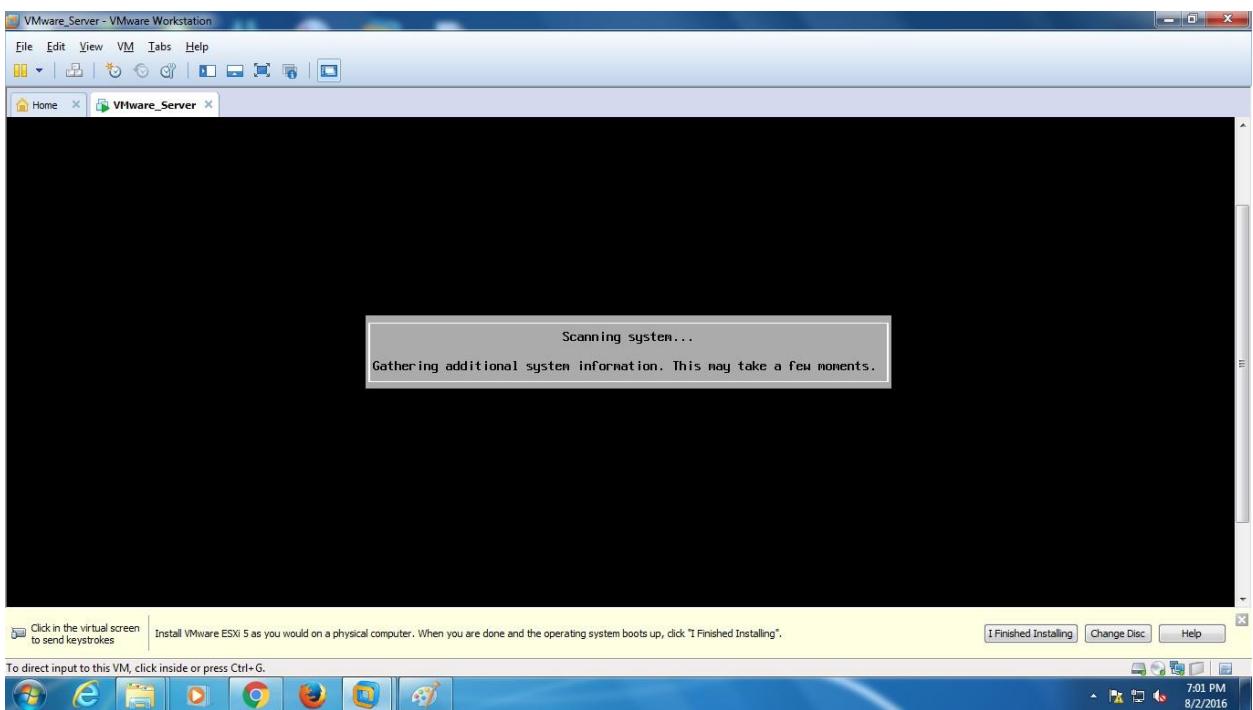
9. Select language “US default” .

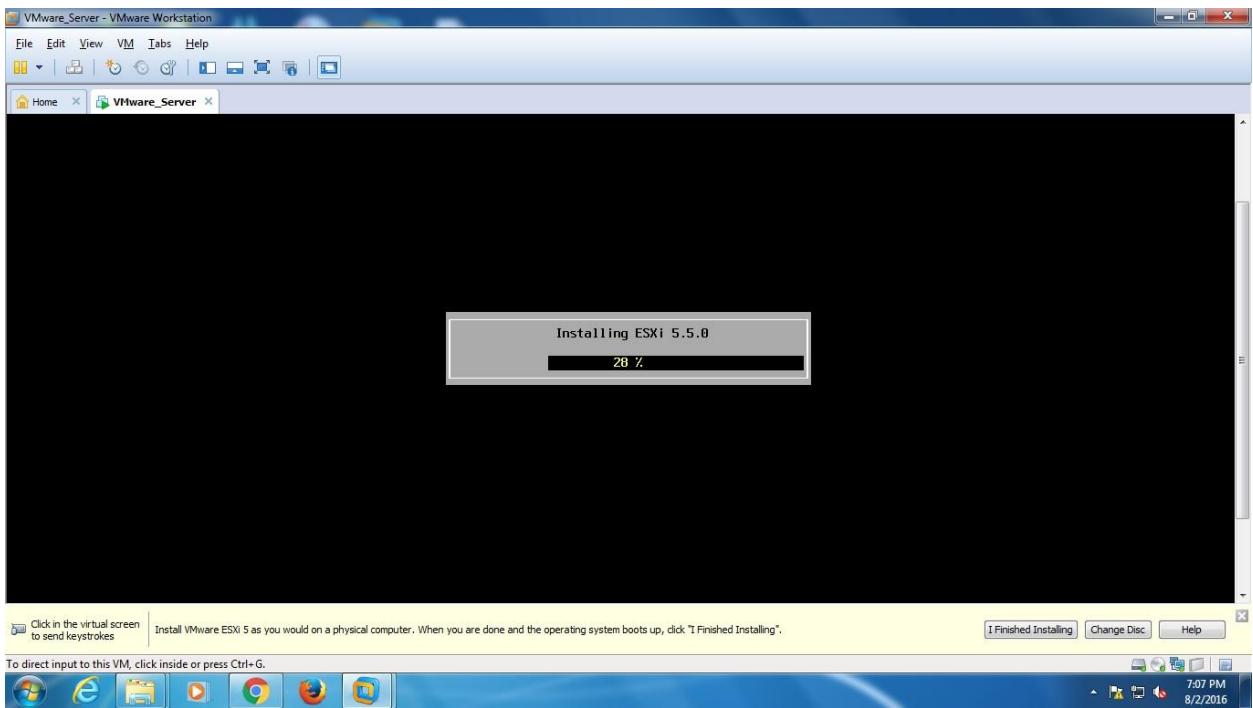


10. Enter the root password.

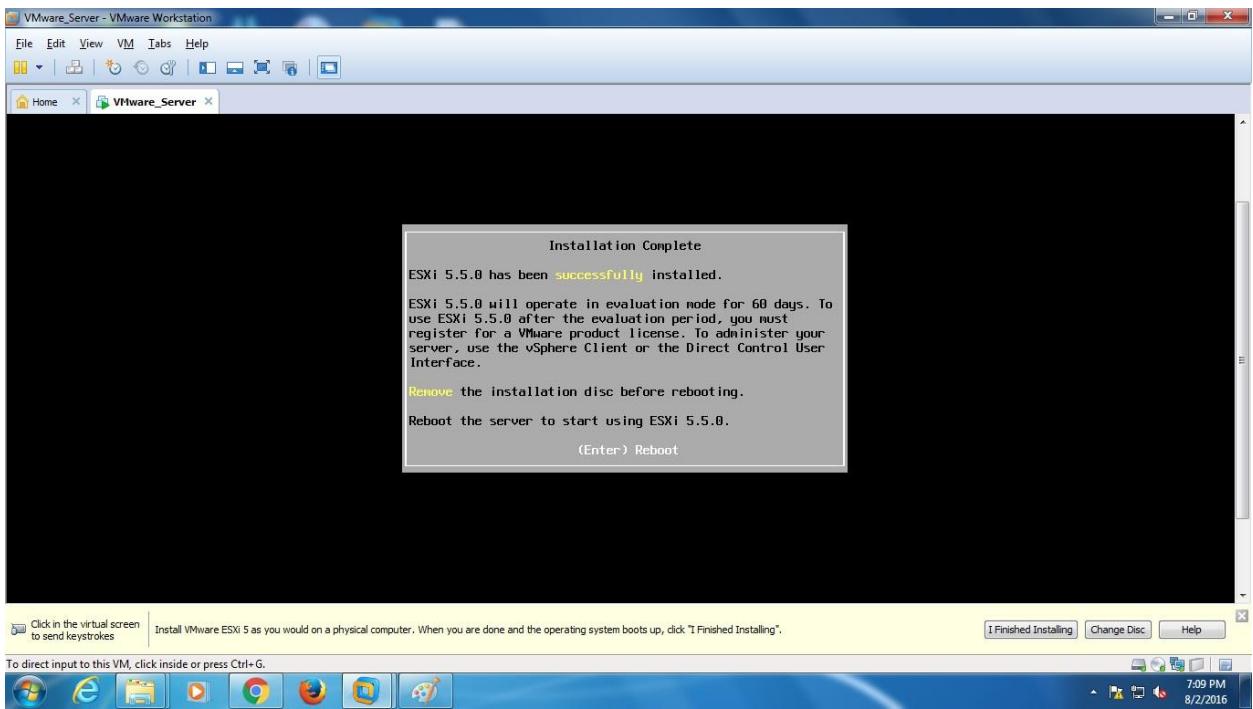


11. Installation process of the VMware server ESXi 5.5.0

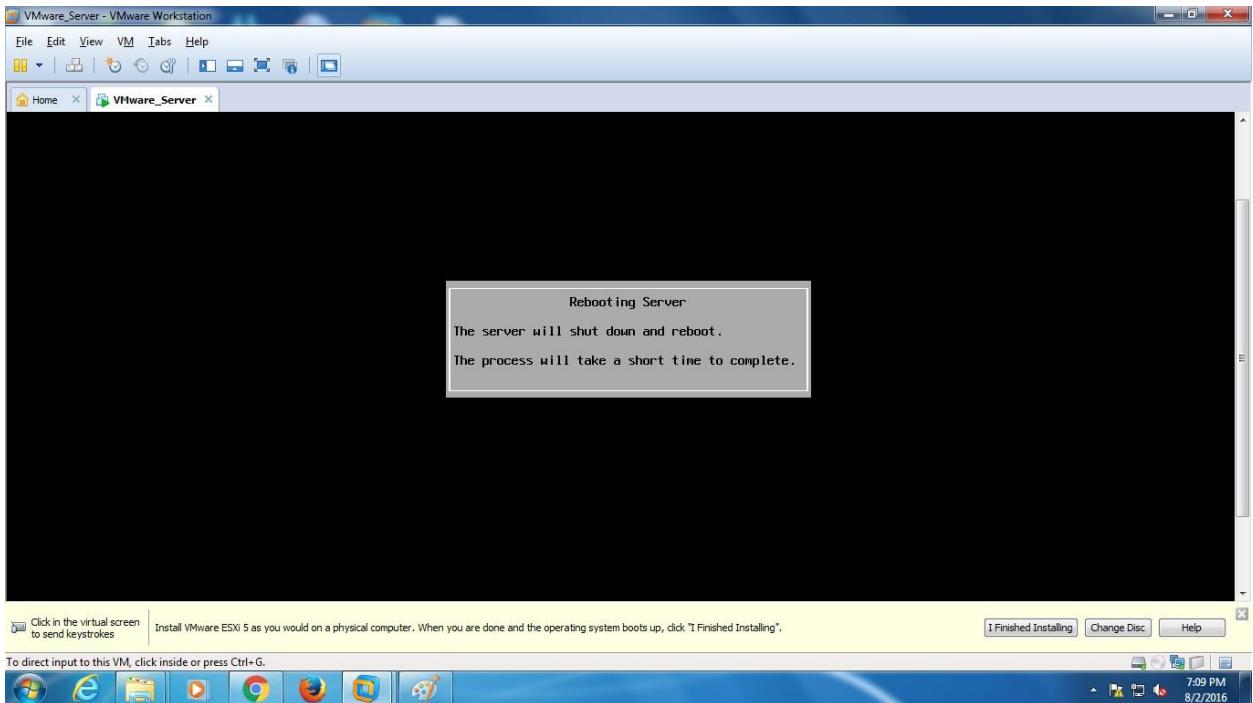




12. Press “Enter” to reboot the system after the installation.



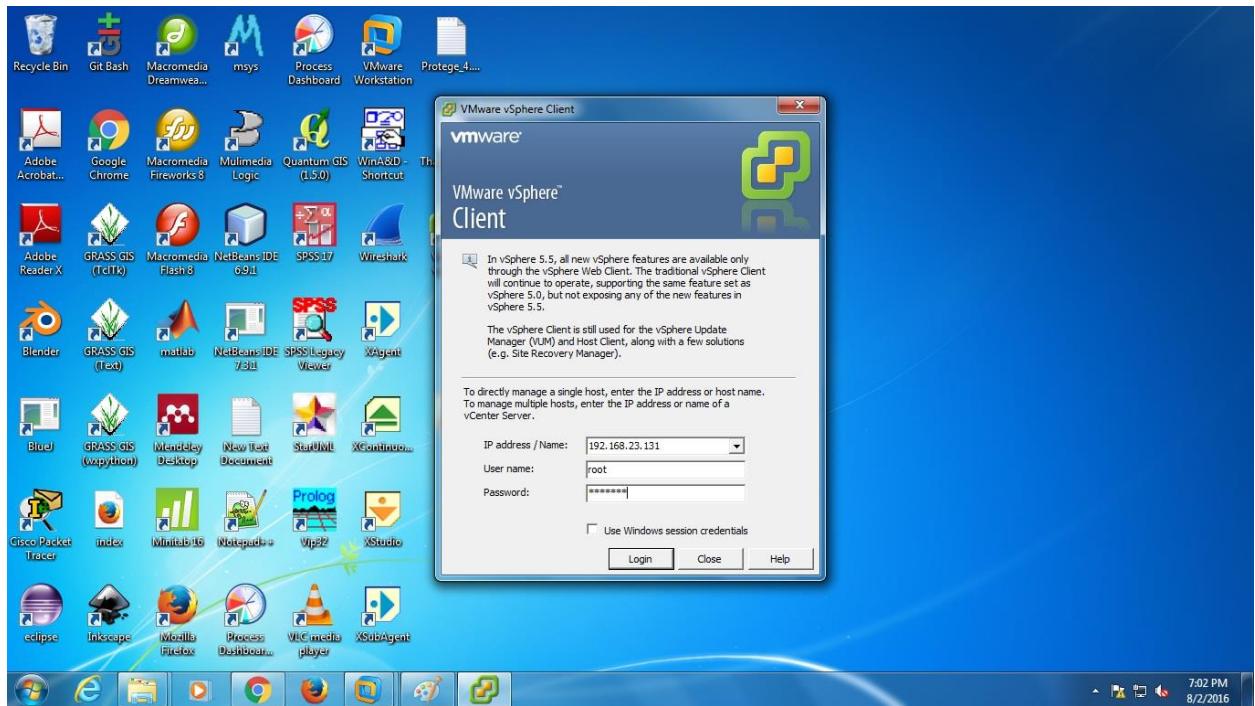
13. Rebooting the server.



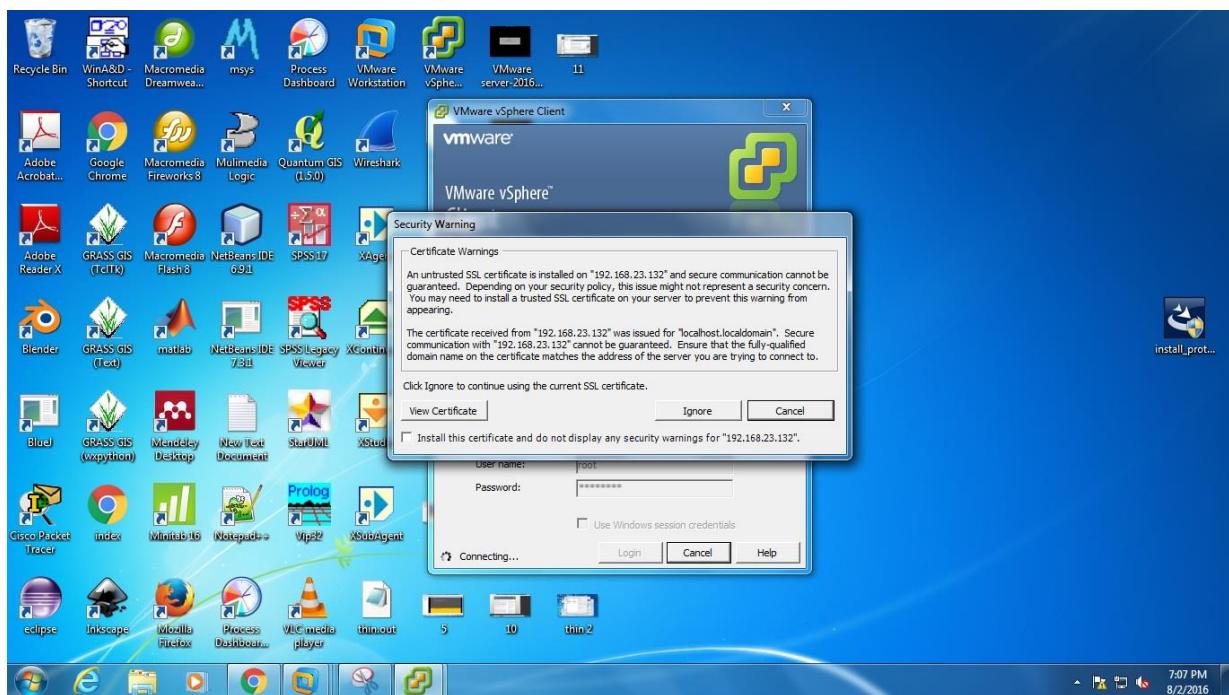
14. Using the IP address obtained download the vSphere Client.

A screenshot of a web browser displaying the "Welcome to VMware ESXi" page. The URL in the address bar is https://192.168.23.131. The main content area is titled "Getting Started" and provides instructions for remote access using the vSphere Client. It notes that the traditional vSphere Client does not support features added to vSphere in versions 5.1 and 5.5. The page also mentions vCenter Update Manager, vCenter Site Recovery Manager, and vCenter Multi-Hypervisor Manager. It highlights the use of the vSphere Web Client for the latest functionality. A sidebar on the right is titled "For Administrators" and includes sections for "vSphere Remote Command Line", "Web-Based Datastore Browser", and "vSphere Web Services SDK". Each section contains a bulleted list of links or steps. The bottom of the screen shows a taskbar with icons for various applications and the system tray indicating the date and time as 8/2/2016 5:59 PM.

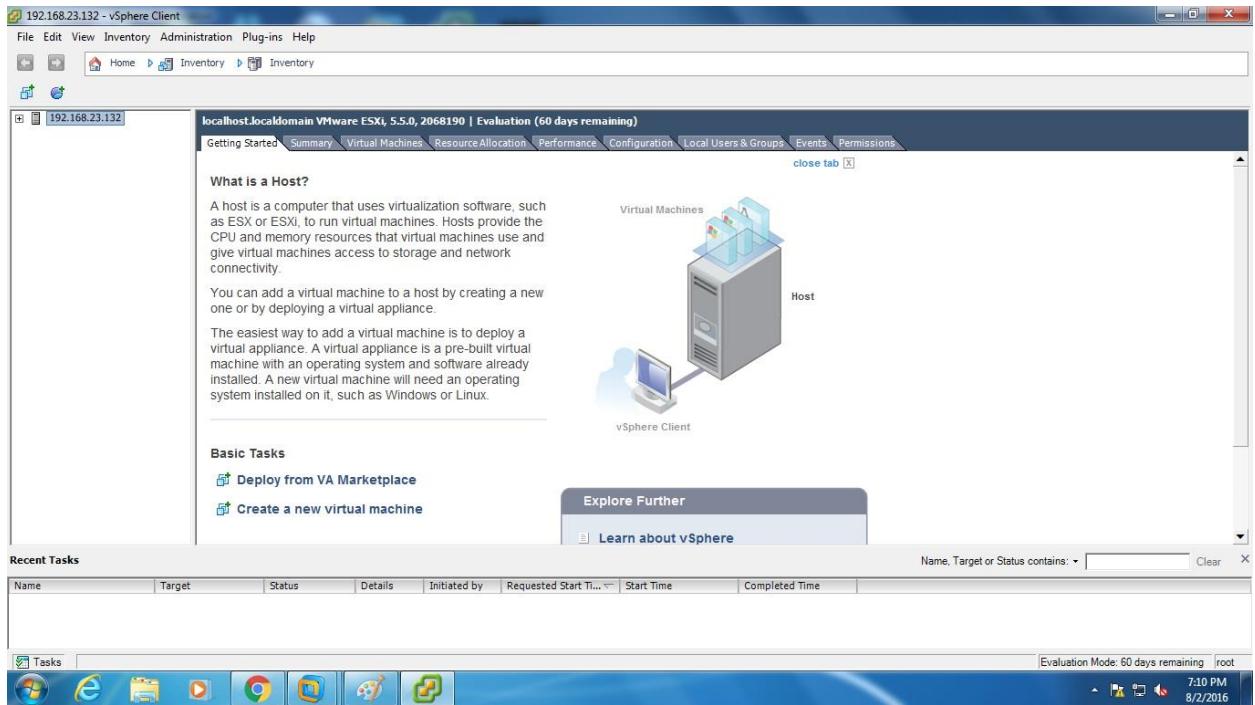
15. After downloading install the software. Then log in by giving the IP address, username and password.



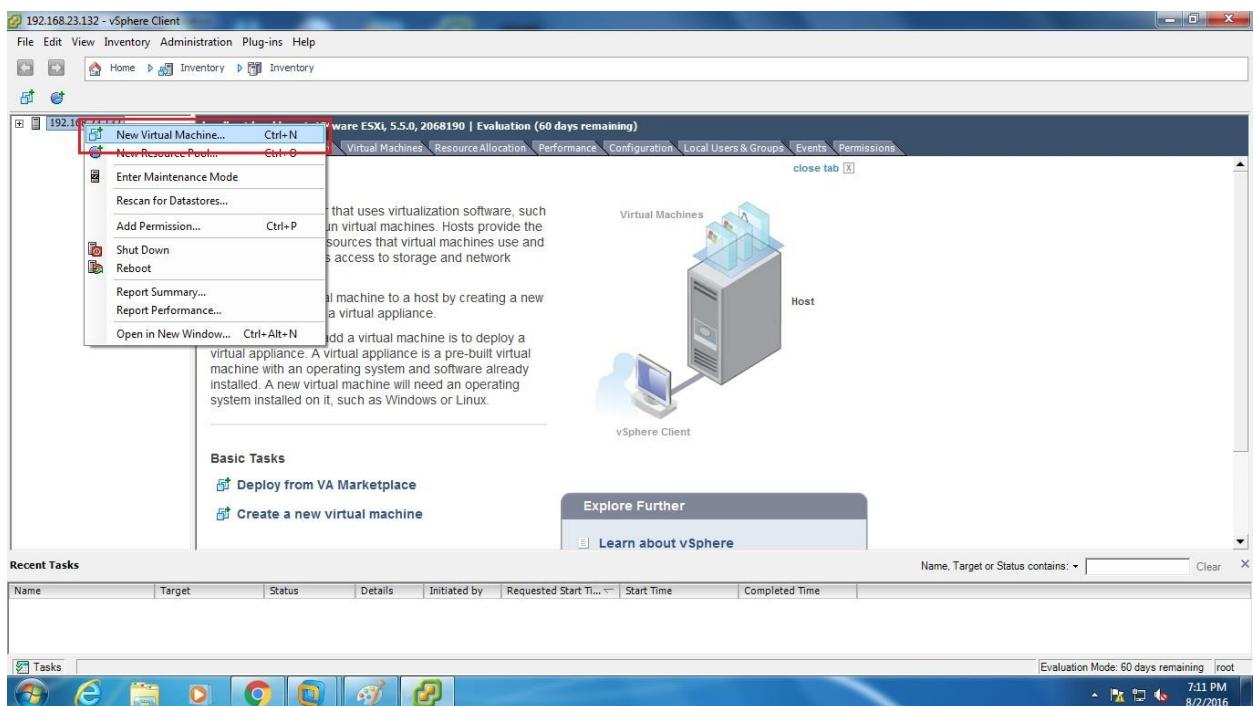
16. Click "Ignore" to close the window as the downloaded software is a trial version.



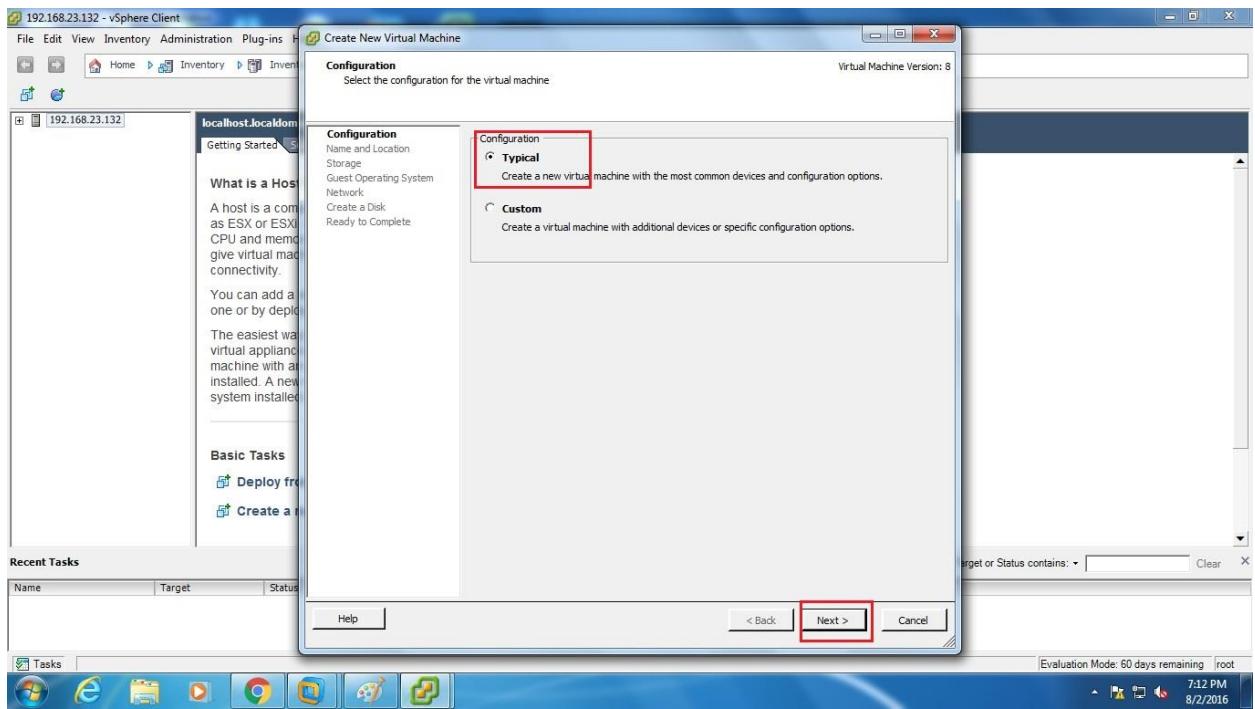
17. Main interface of the vSphere Client.



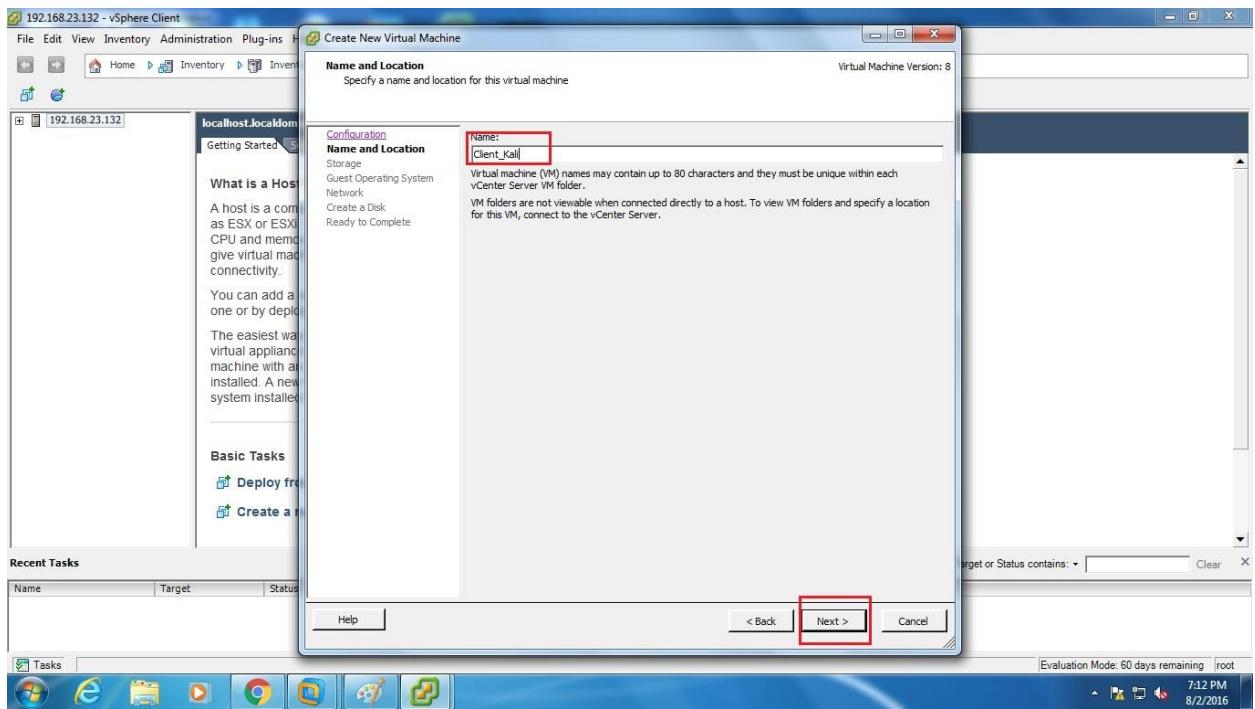
18. Right click on the IP address and click "Create a new virtual machine" .



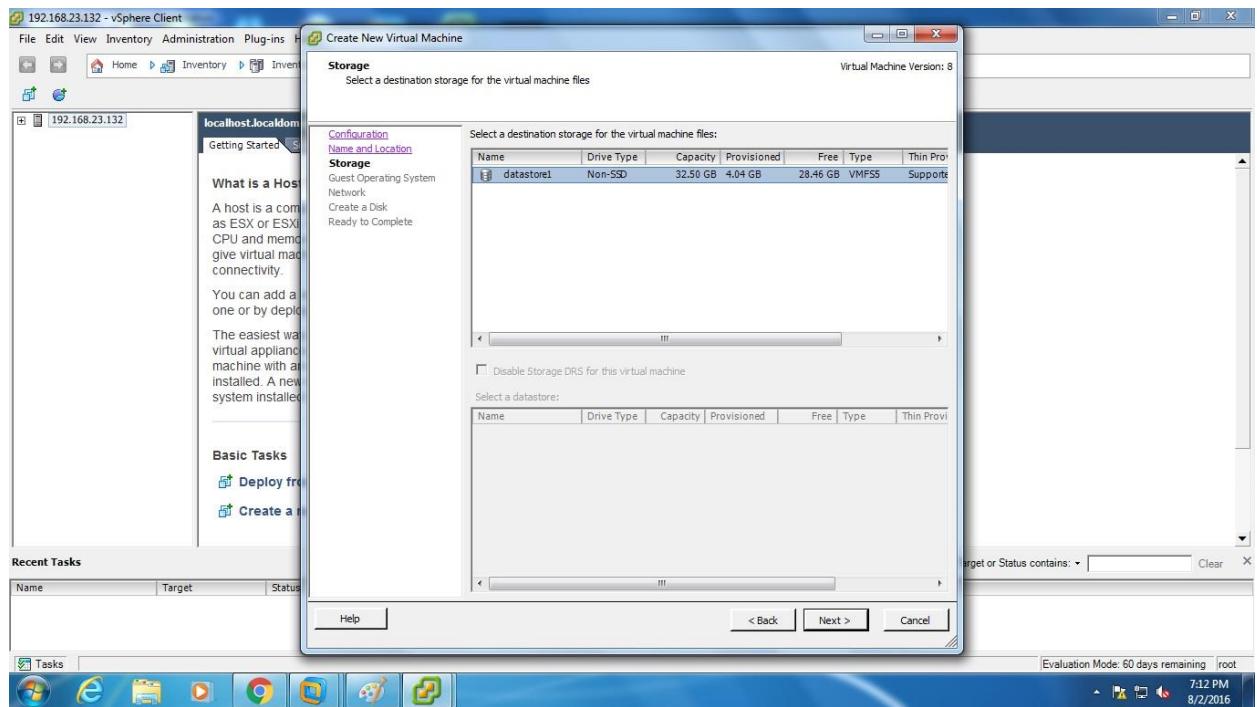
19. Select configuration “Typical” and click “Next” .



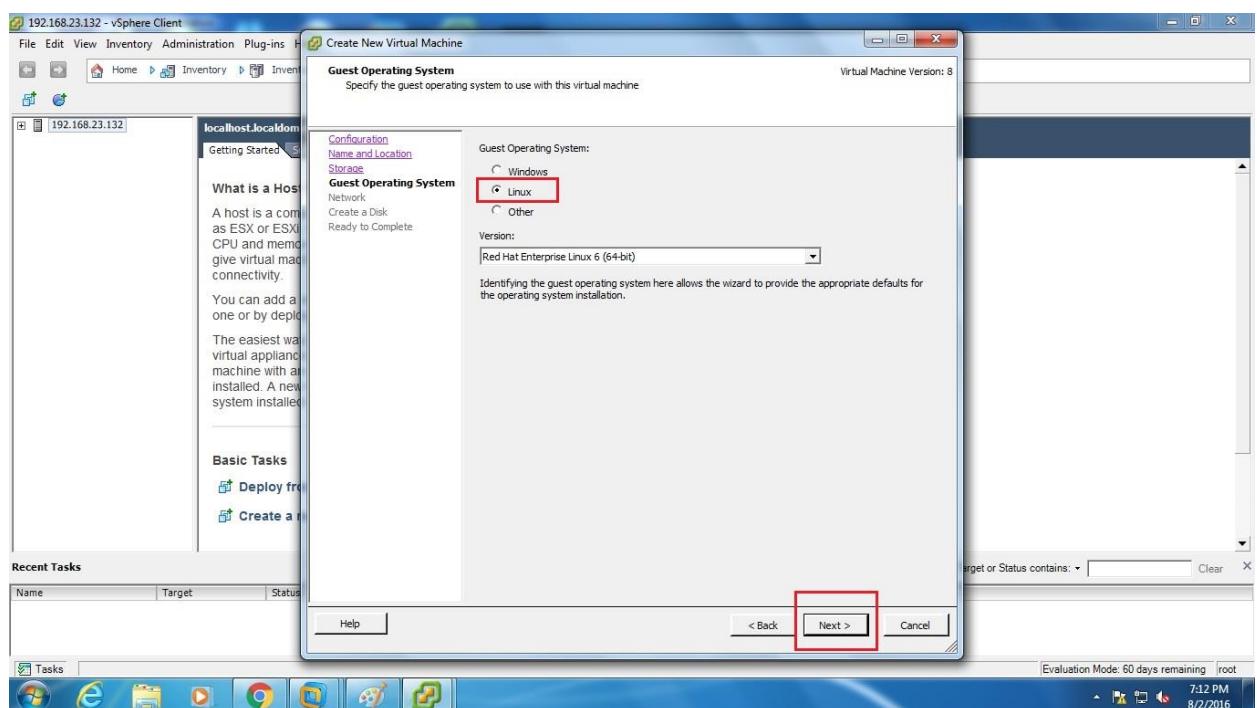
20. Give a name to the client and click “Next” .



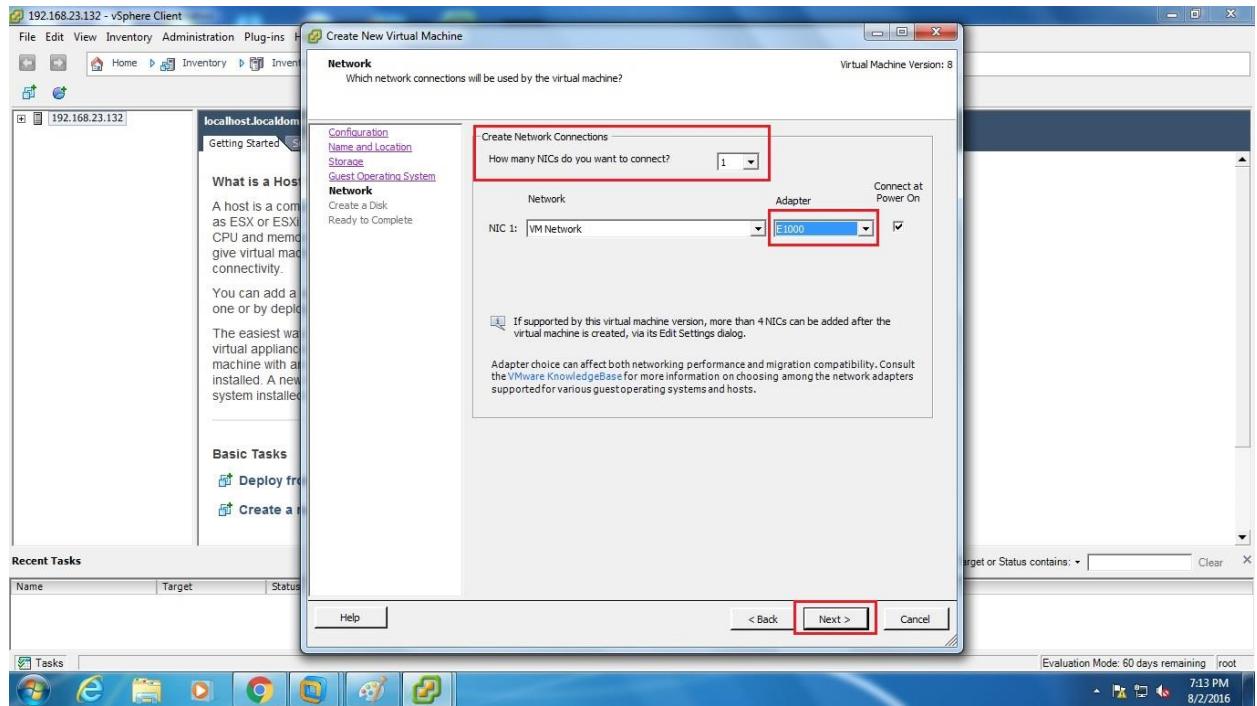
21. Click "Next" .



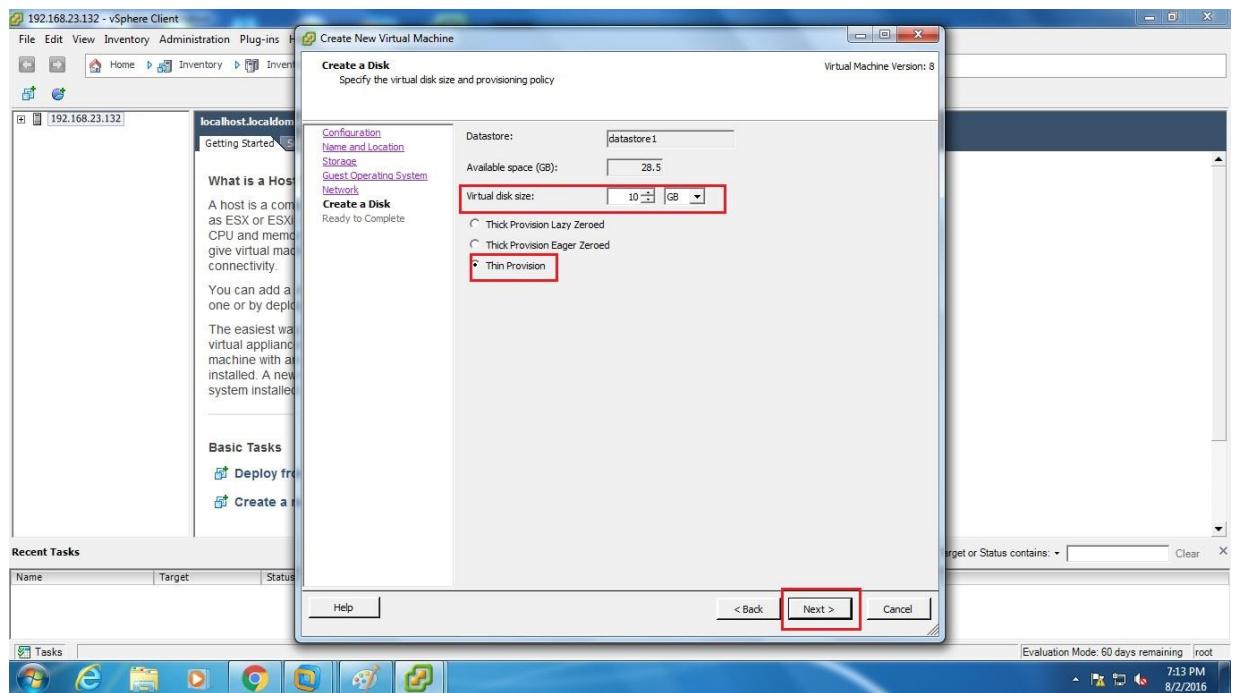
22. Select Guest operating system as "Linux" and click "Next" .



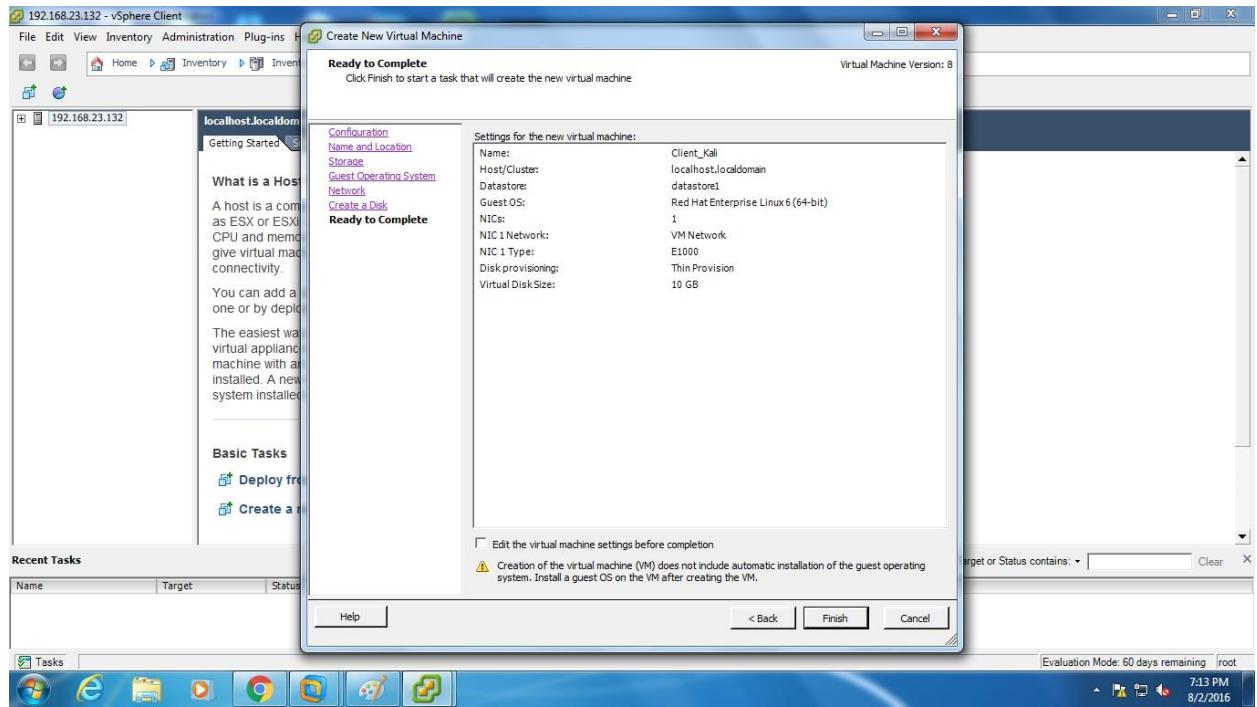
23. Give number of NIC's as "1" and adapter as "E100" and click "Next" .



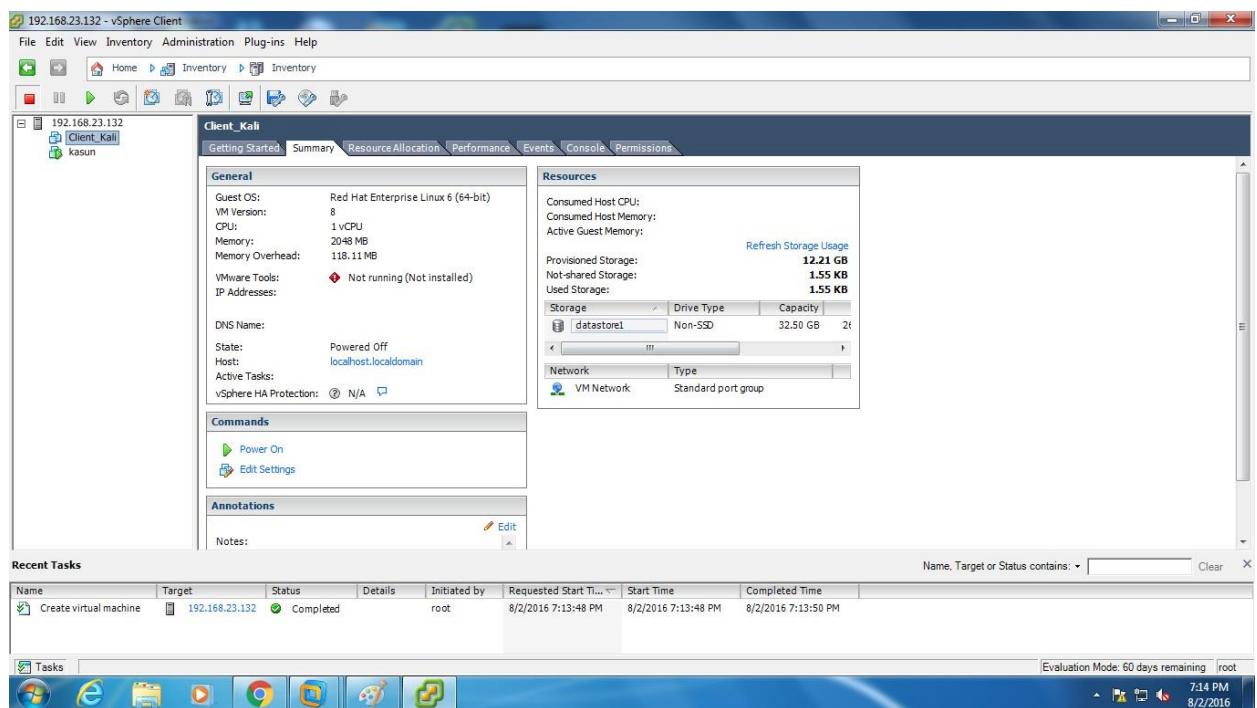
24. Give the virtual disk size as "10GB" , select "Thin provision" and click "Next" .



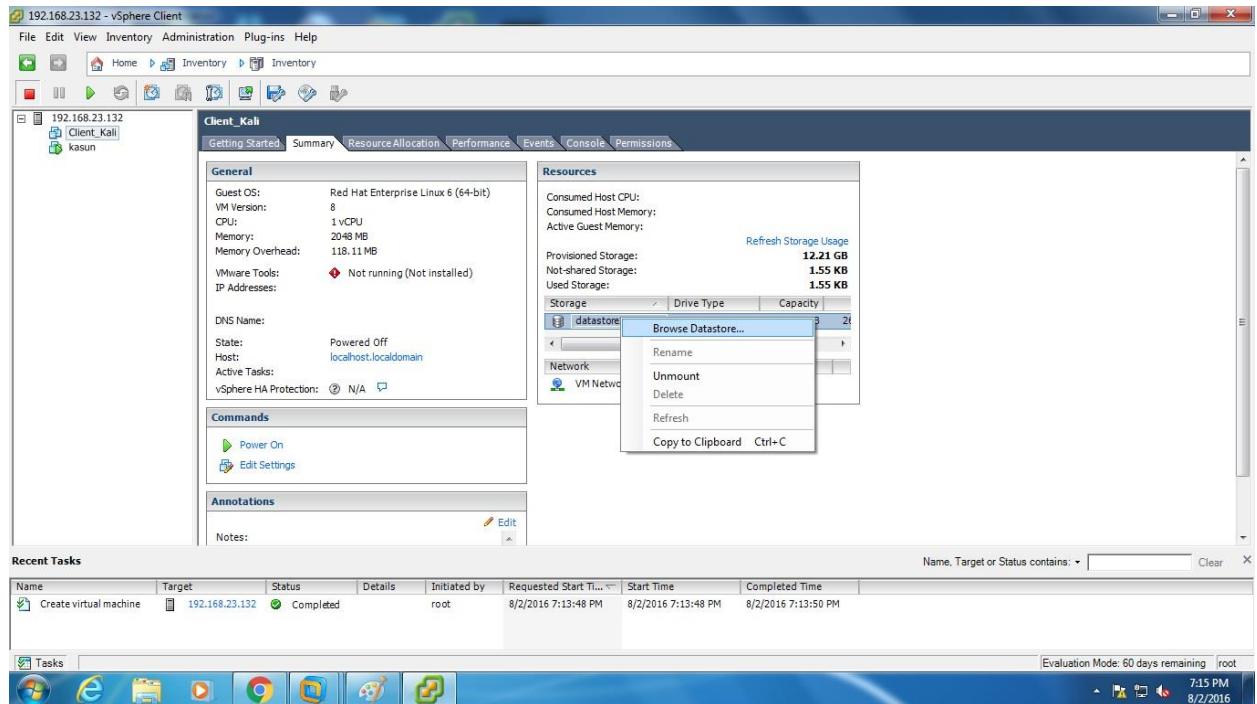
25. Click "Finish" to end creating the client side virtual machine.



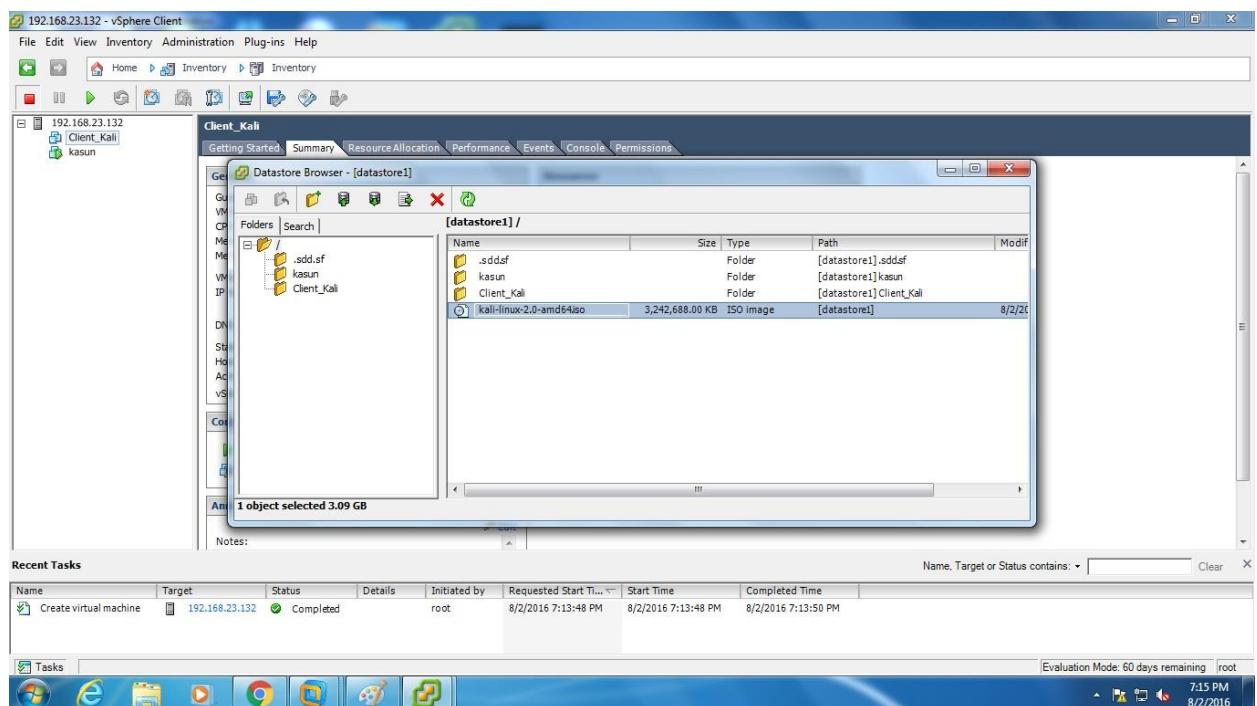
26. Select the "Summary" from the tabs of the created client side virtual machine.



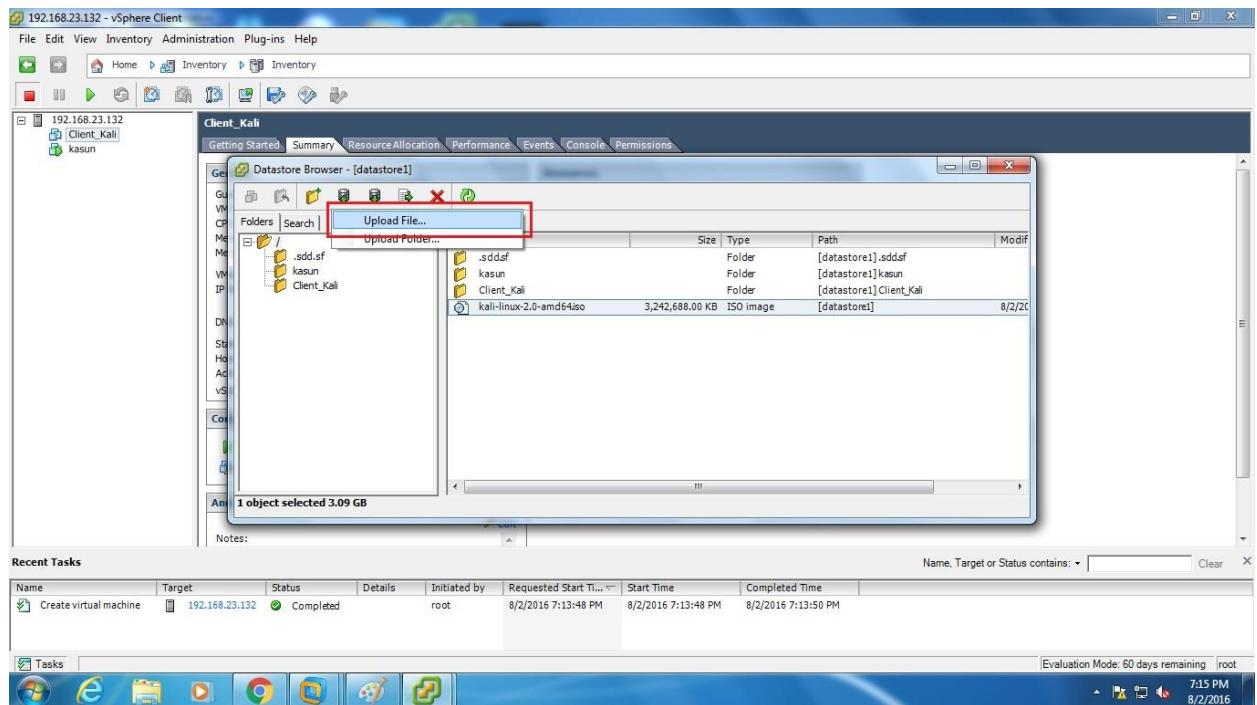
27. Right click Resources -> Storage -> datastore and browse a datastore.



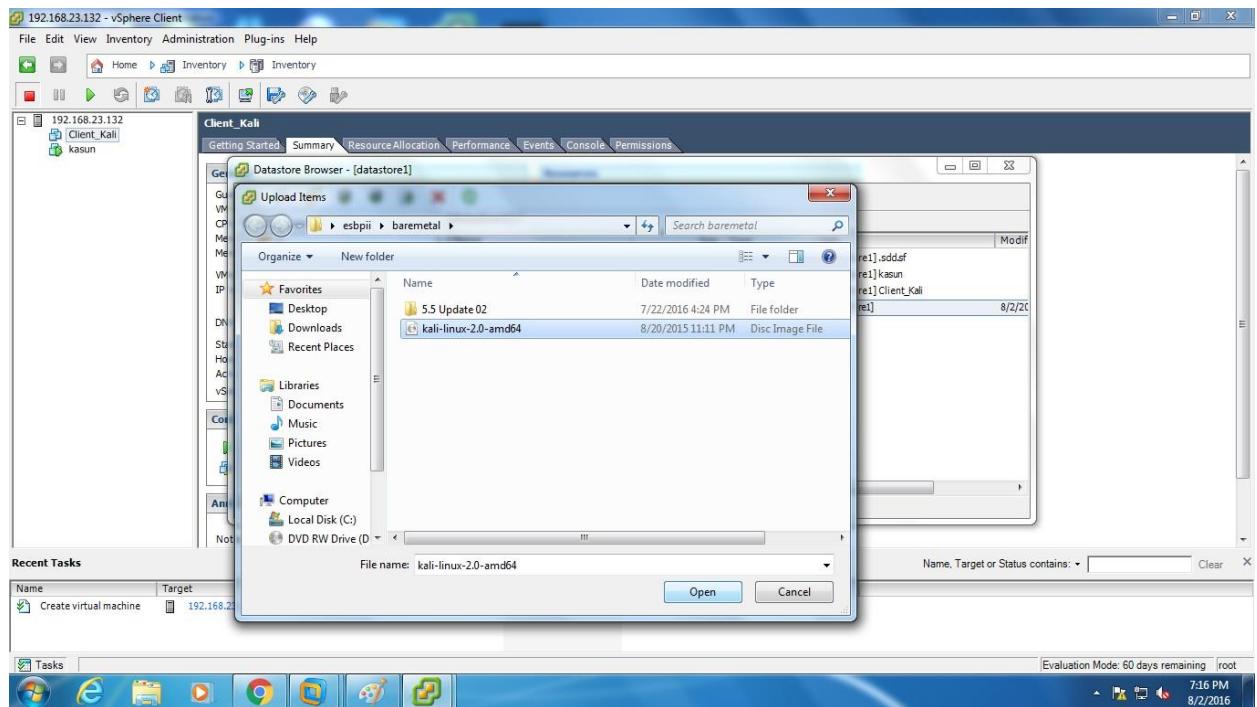
28. Select the Kali Linux ISO image.



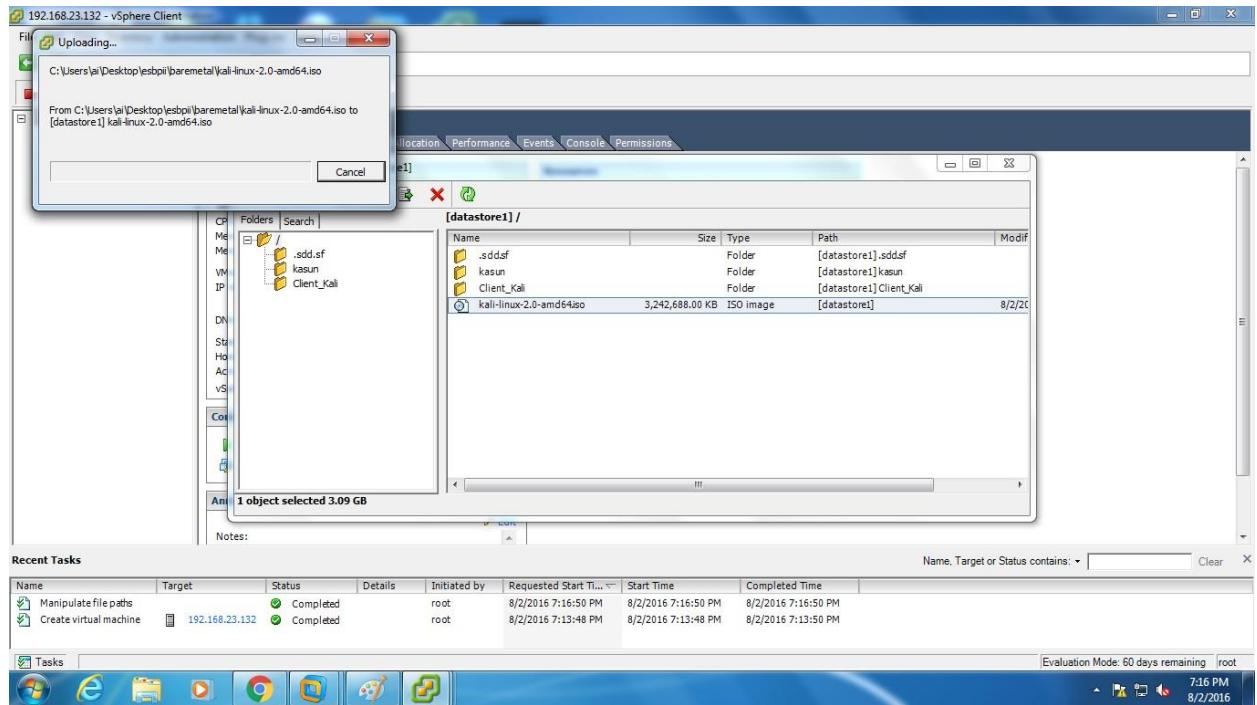
29. Then select “upload file” .



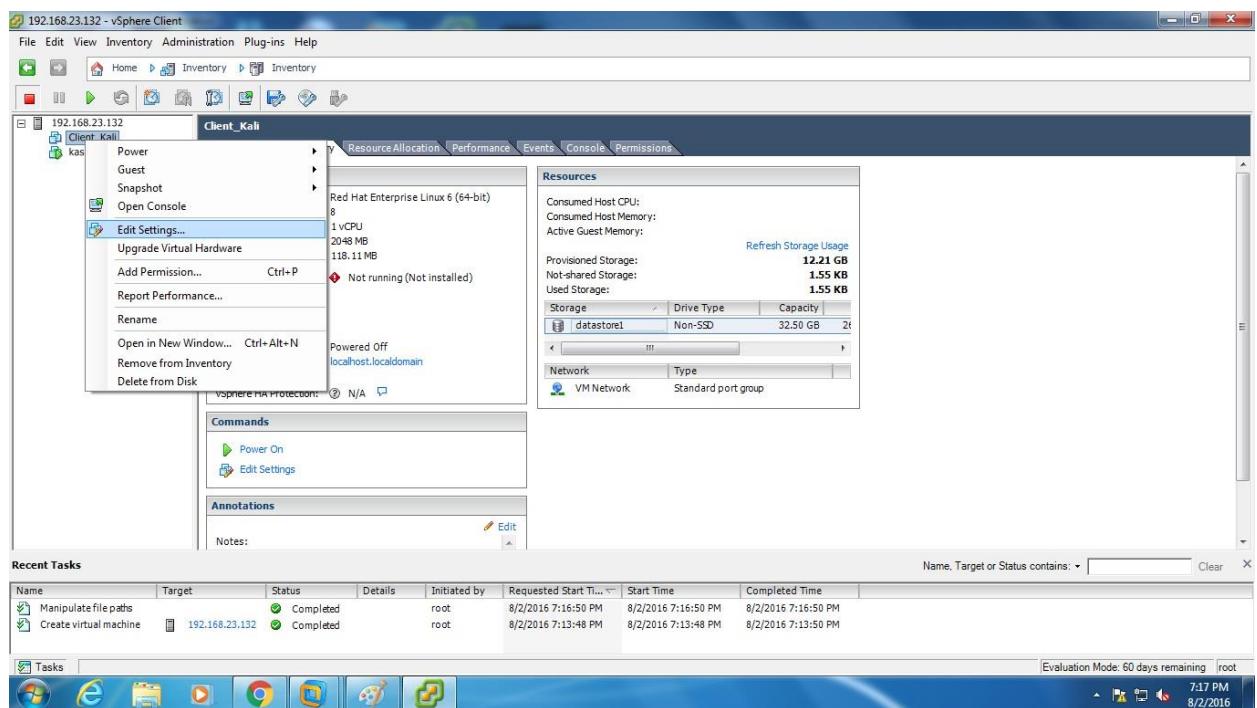
30. Select the “Kali Linux” .



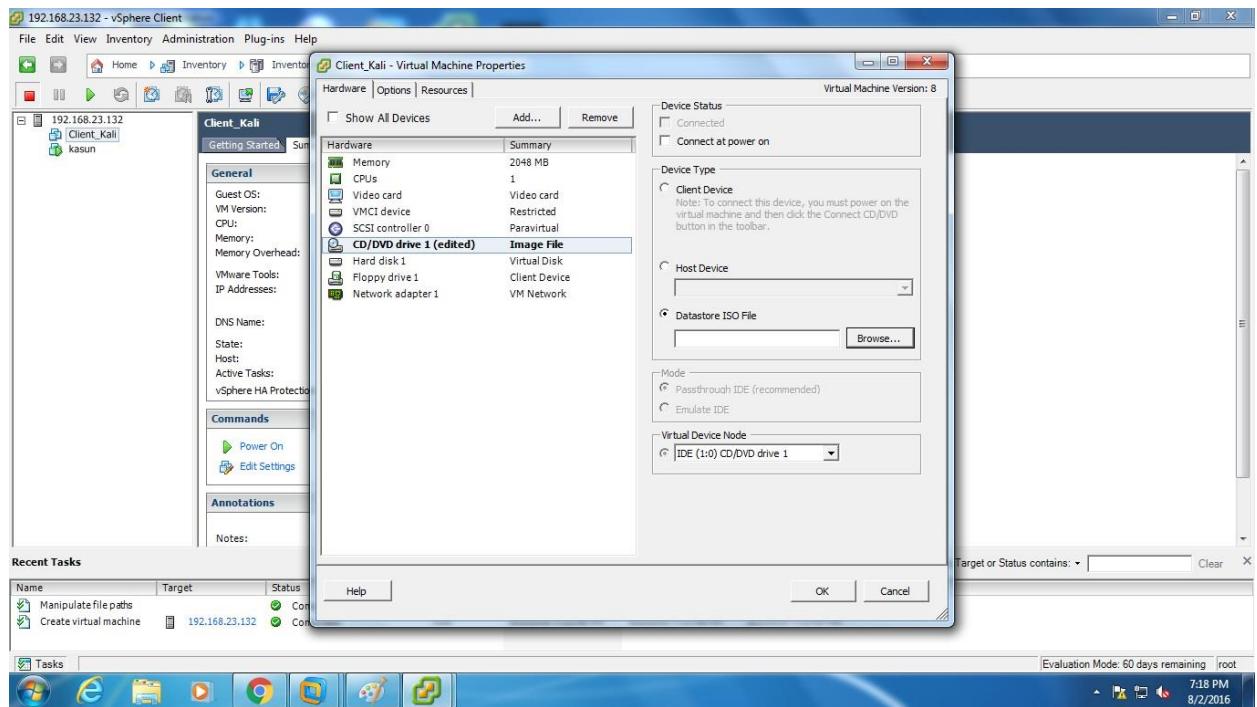
31. Uploading.....



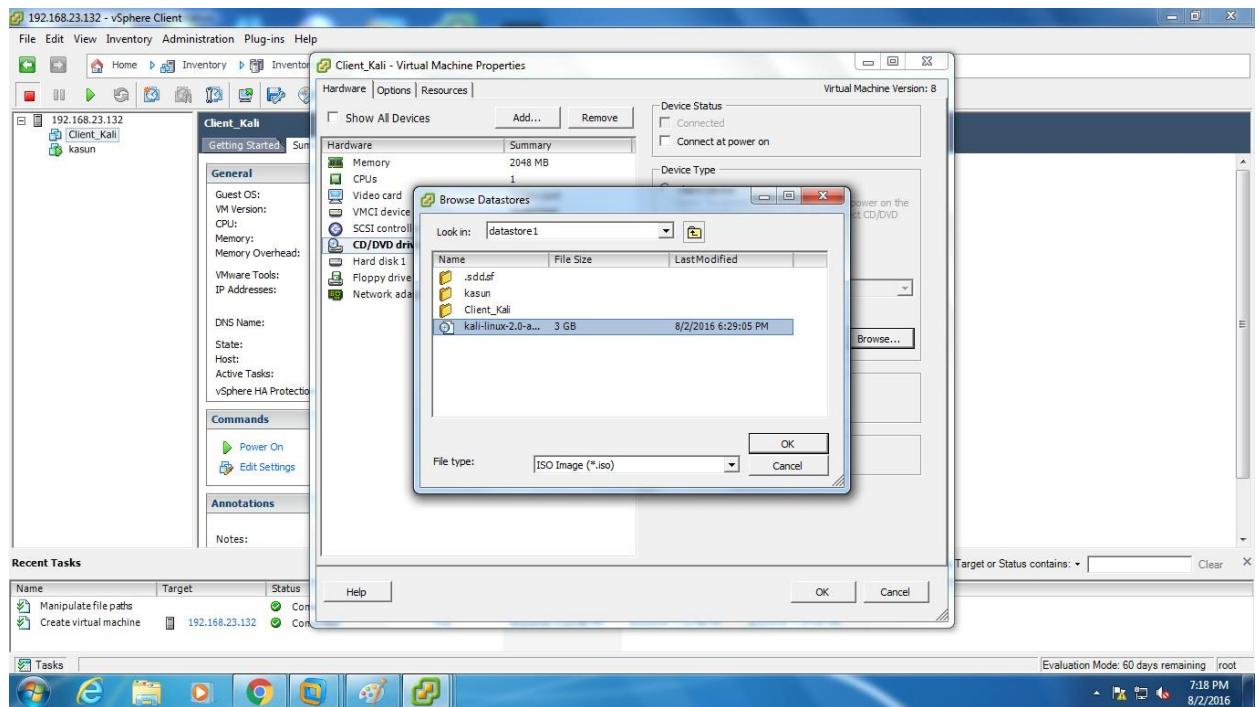
32. Right Click the client side server created and select "Edit Settings" .



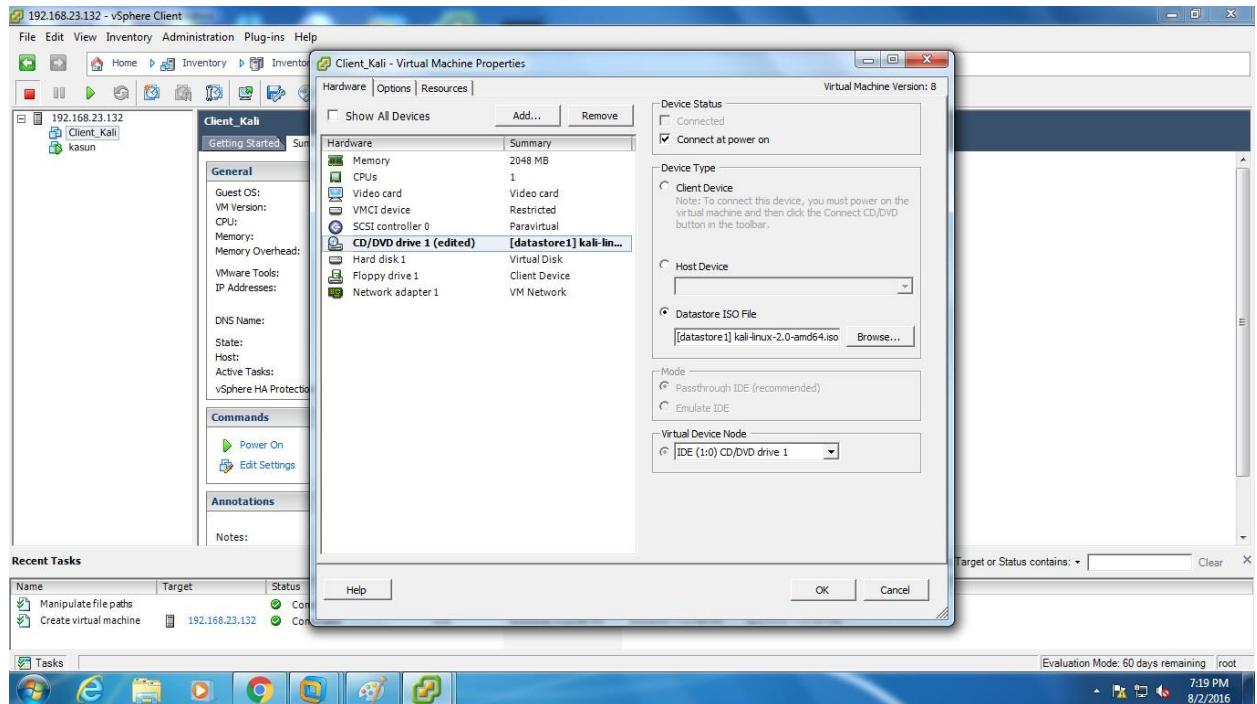
33. Select the Hardware “CD/DVD drive1” .



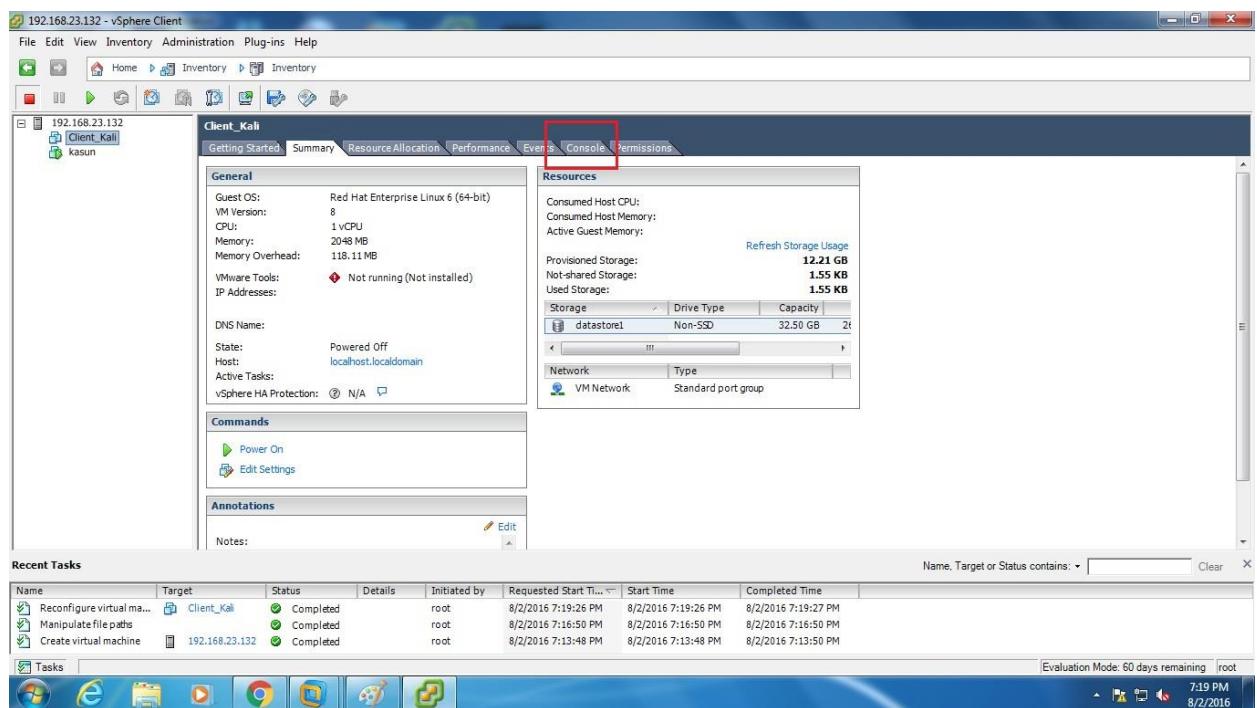
34. Browse the Datastore ISO File.



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.

