



SLIIT

COMPUTING

BUSINESS

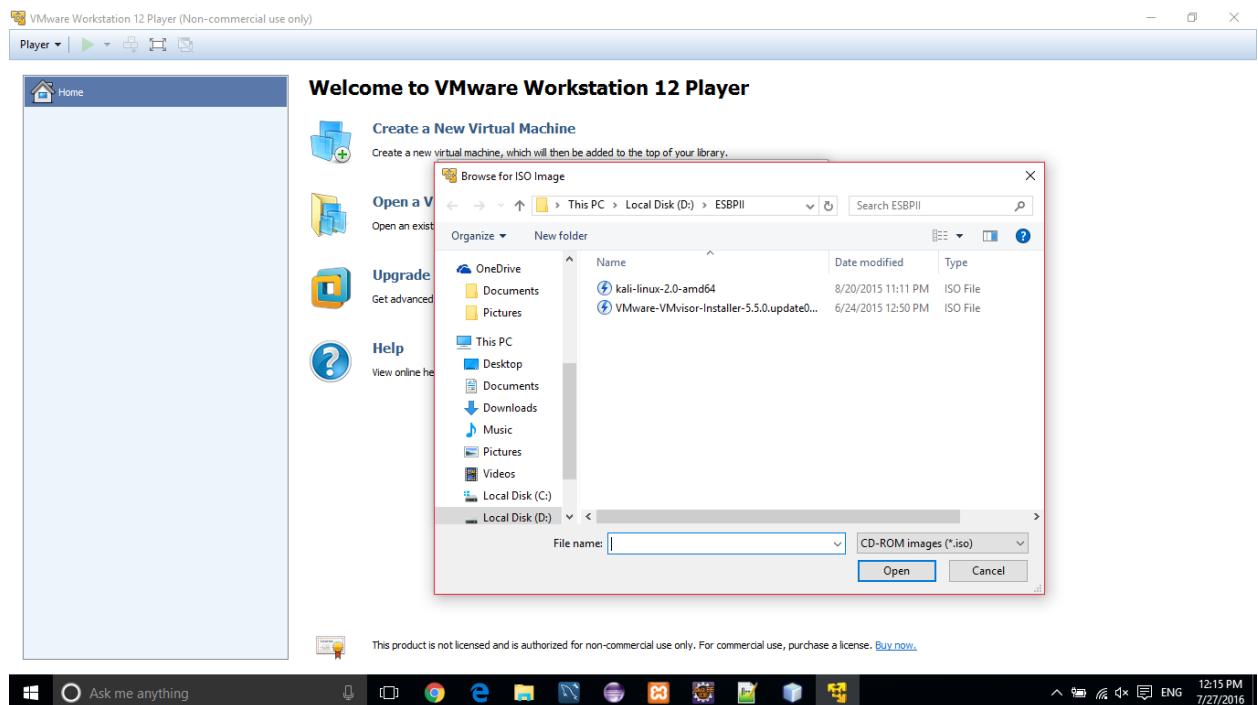
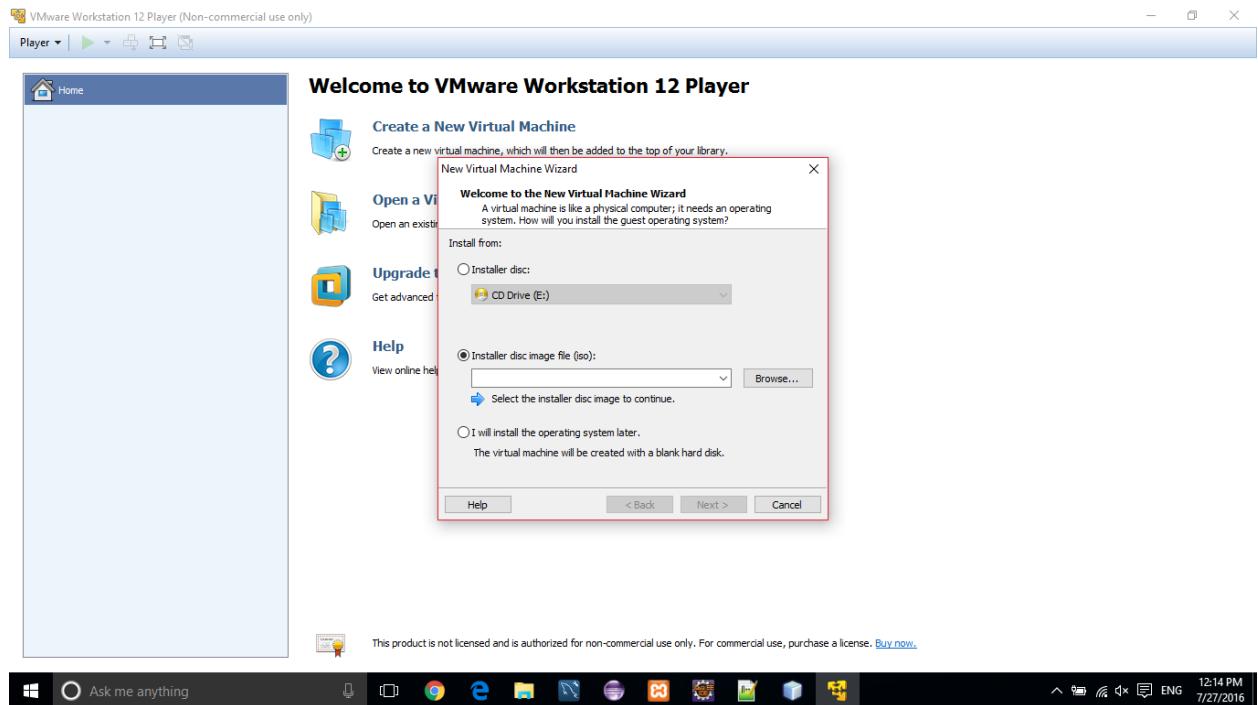
ENGINEERING

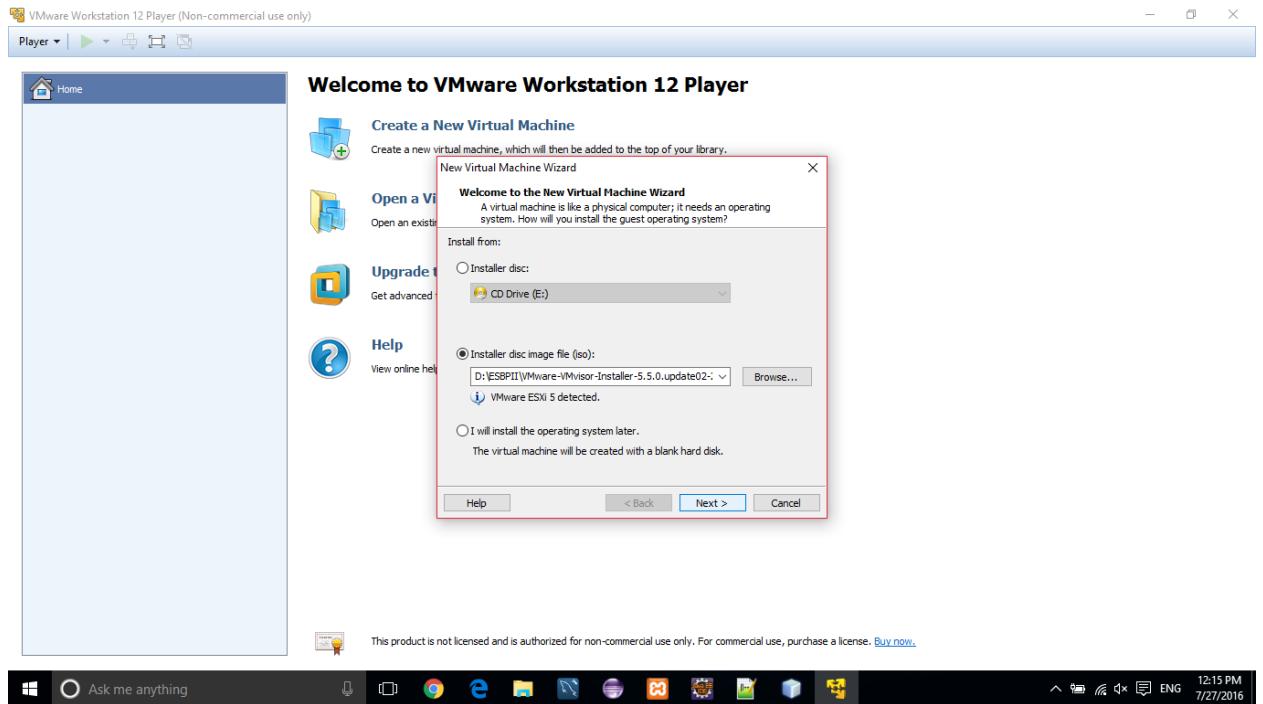
Configuring virtual machine on a Bare metal

Dharmarathna I.D.U.T.

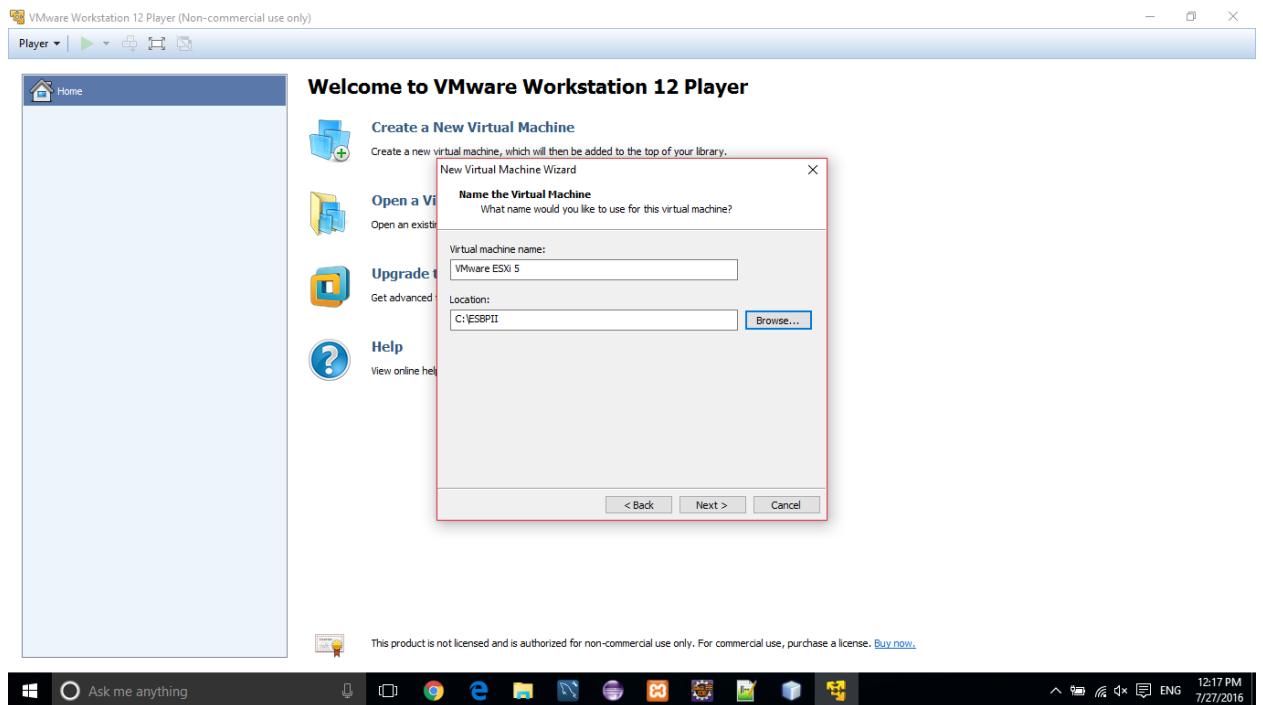
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1. In here we are going to use VMware to create bare metal device. Open VMware and click “Create a New Virtual Machine”. Then select “Installer disc image file(iso)” and click “Browse” button and choose VMware ESXi. Then click “Next”.

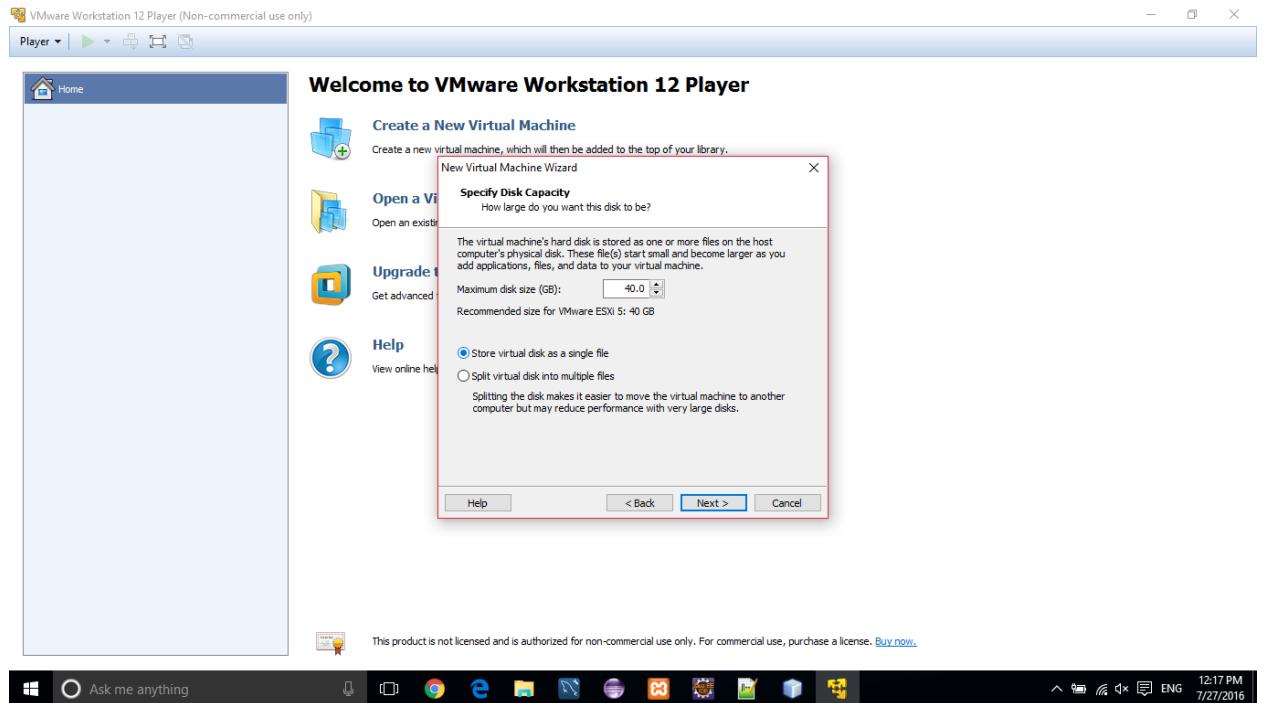




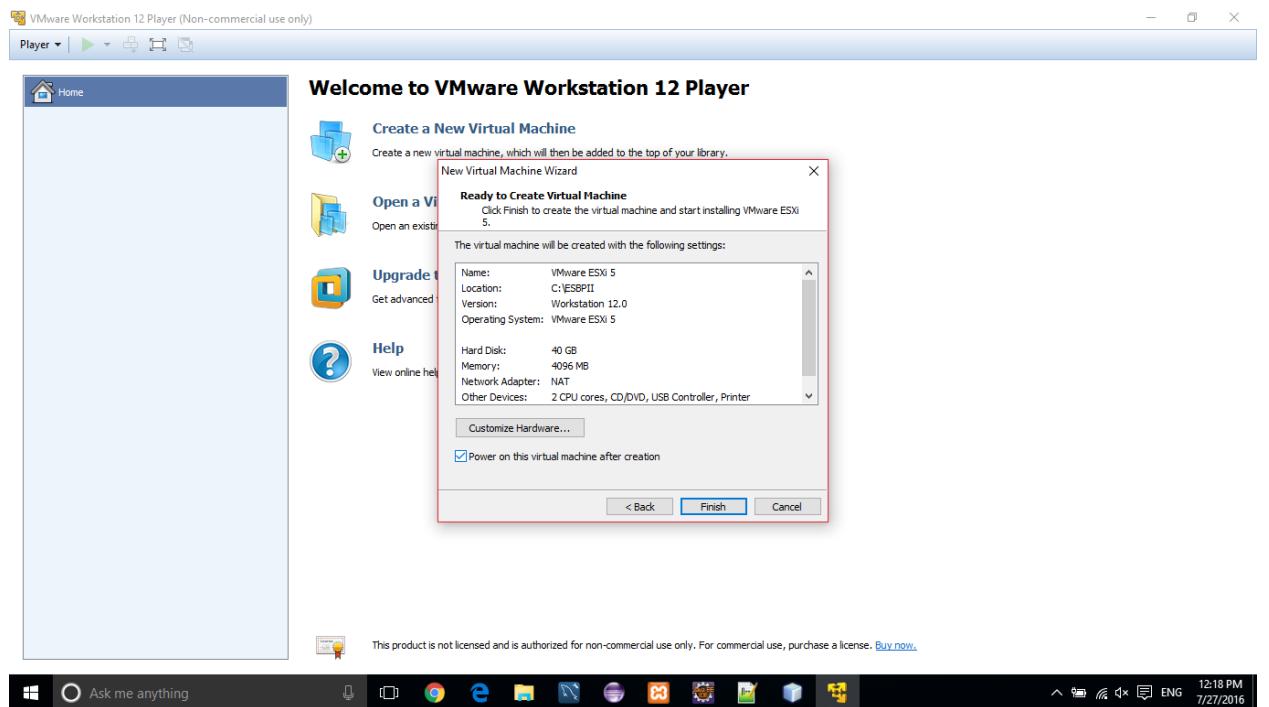
2. Provide Virtual Machine Name and Location. Then click “Next”.



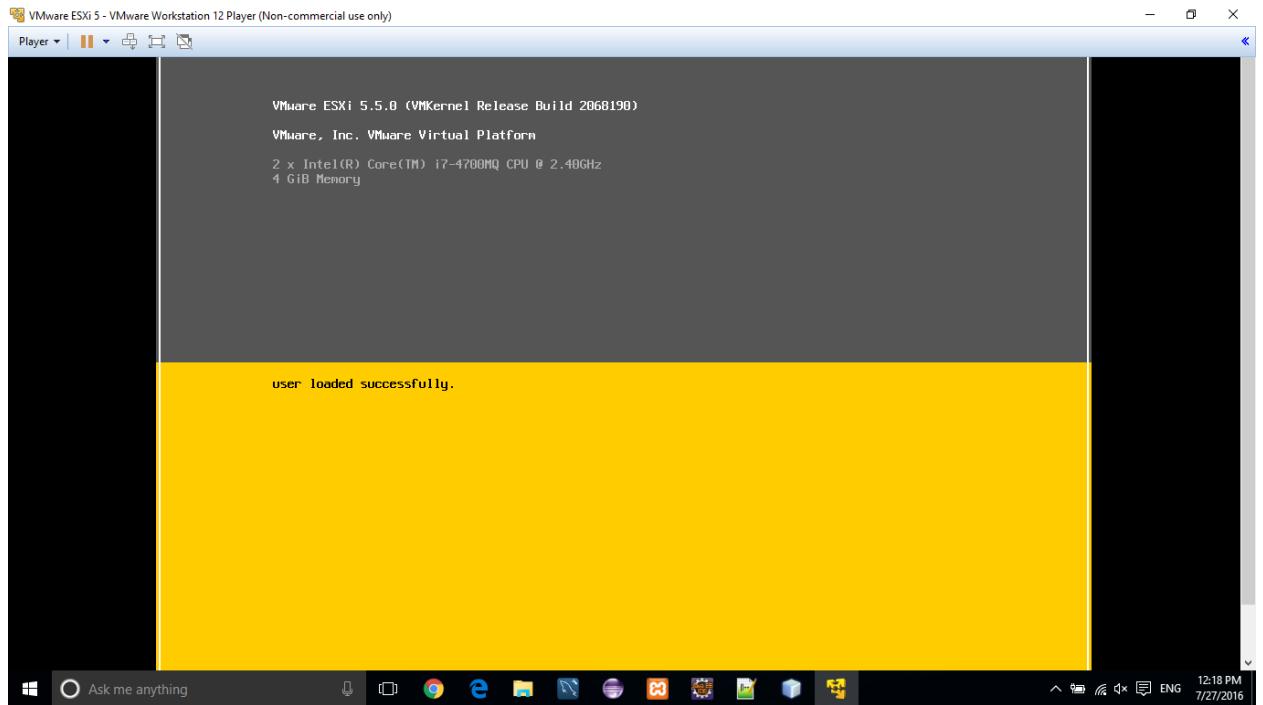
3. Keep default disk size and select “Store virtual disk as a single file”. Click “Next”.



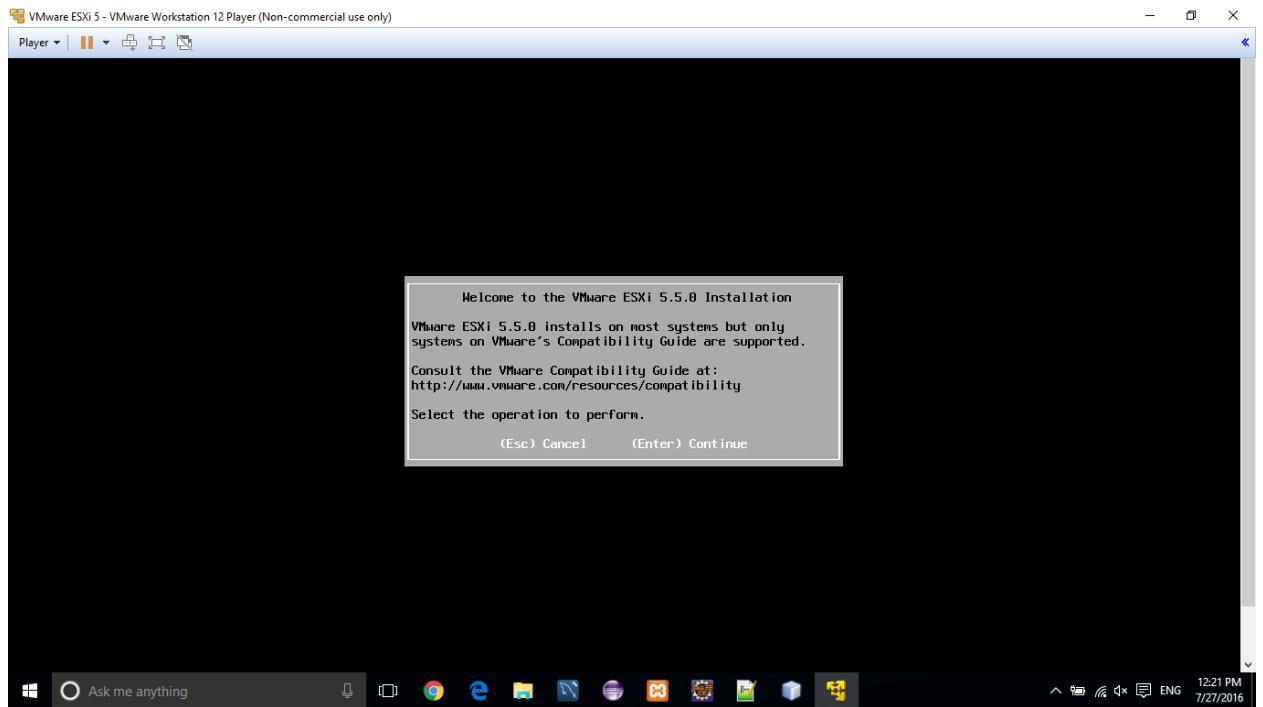
4. Then click “Finish”.



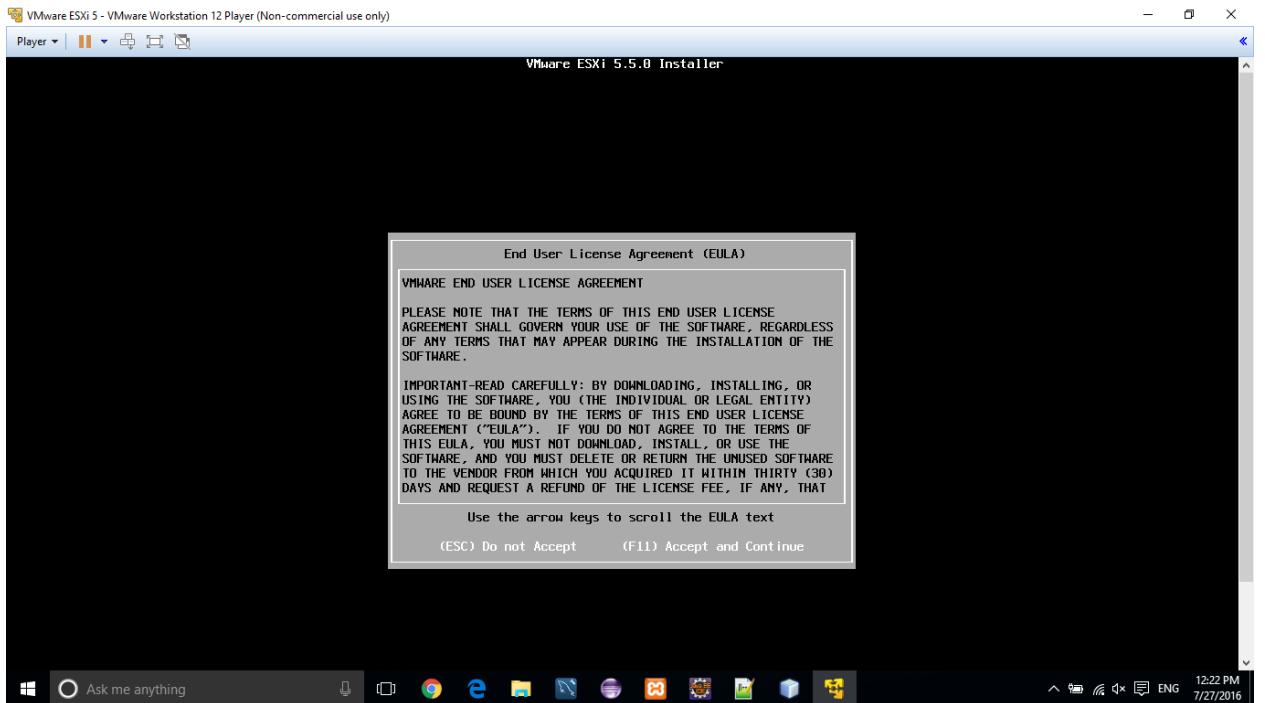
5. Now you can see start point of ESXI Installation.



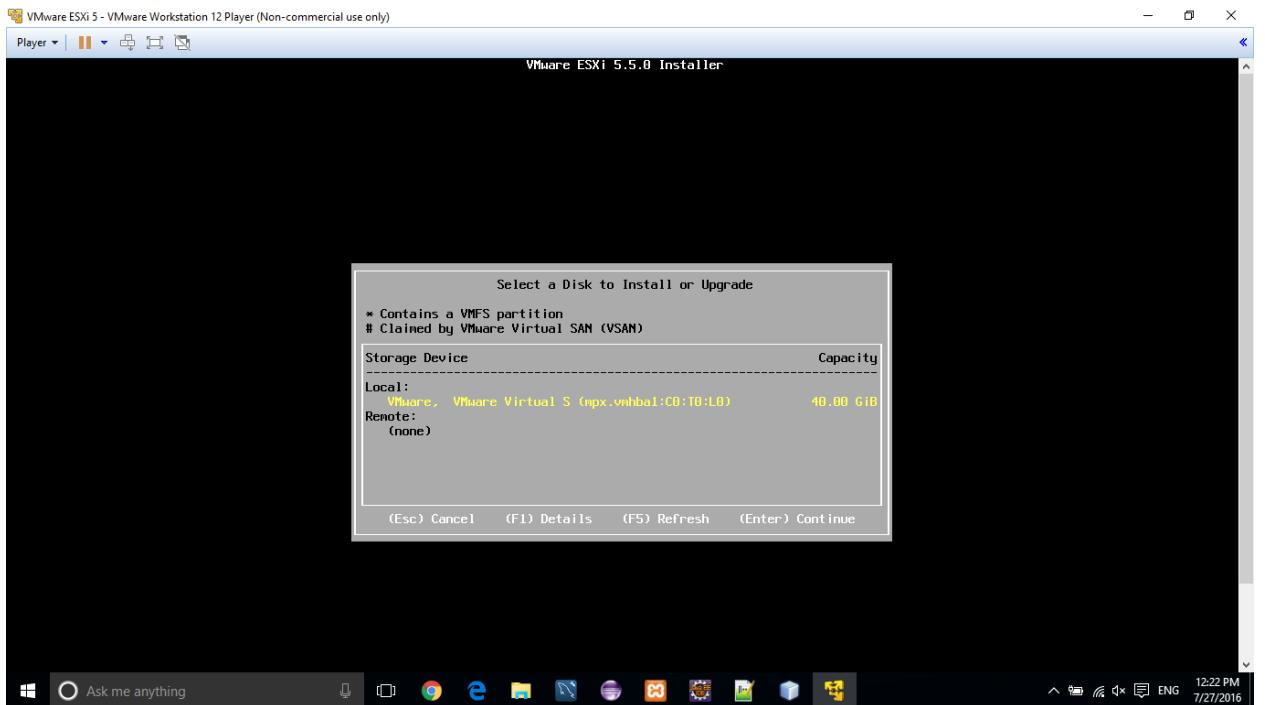
6. Click "Enter".



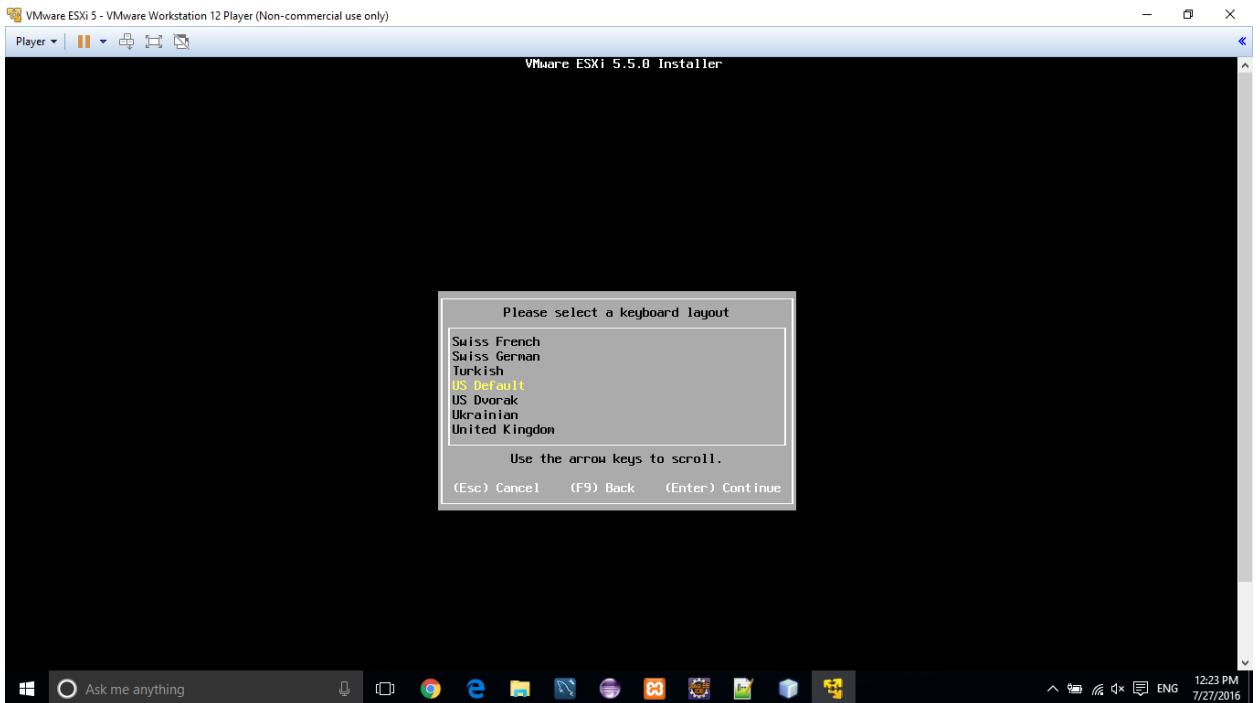
7. Click “F11”.



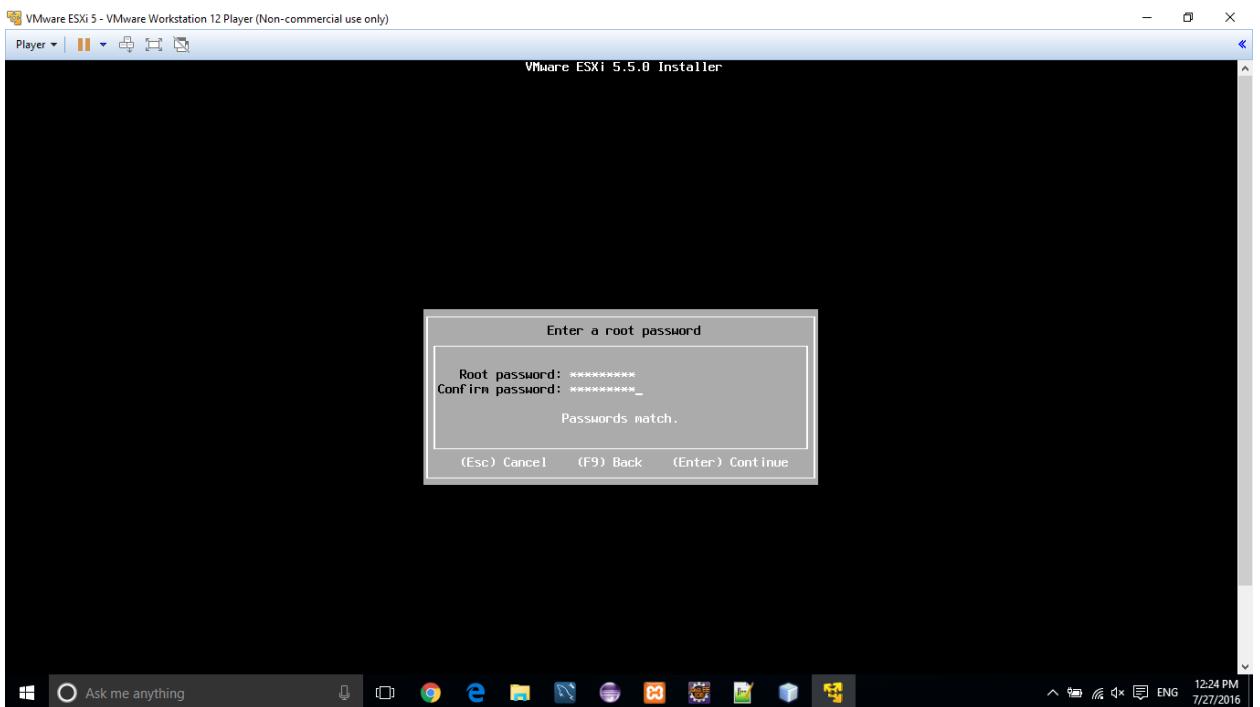
8. Click “Enter” to continue the installation process.



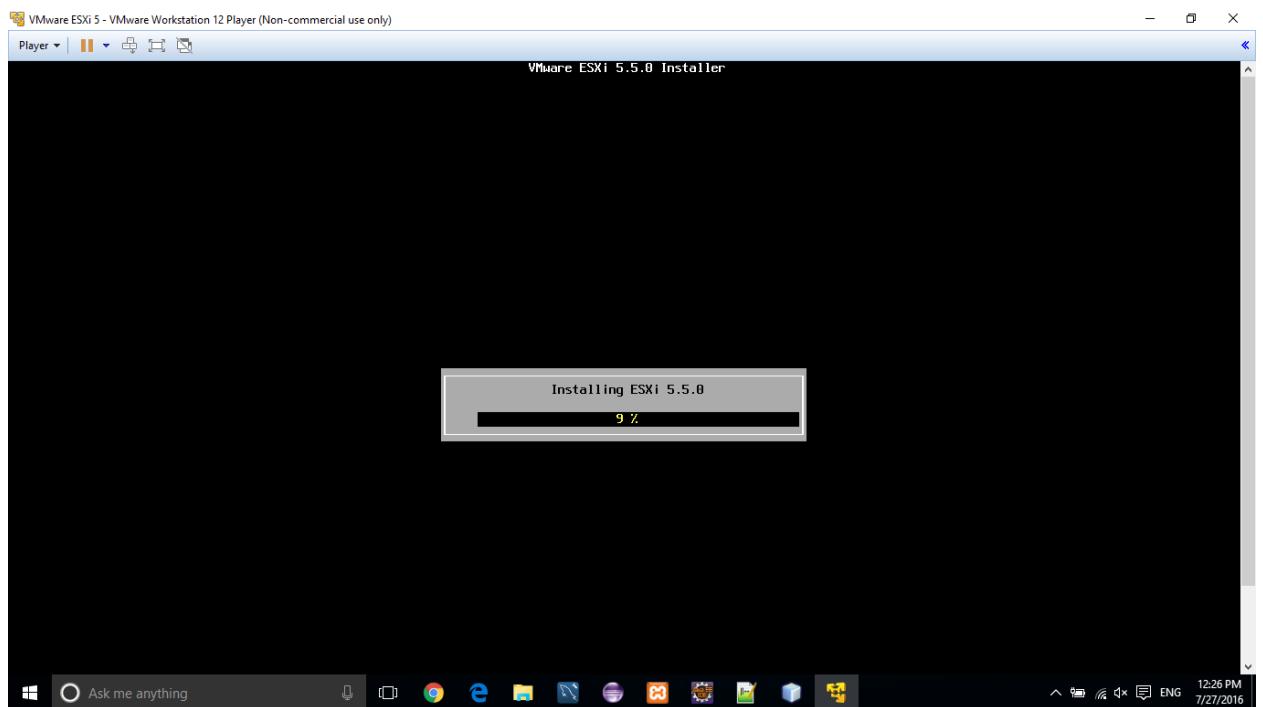
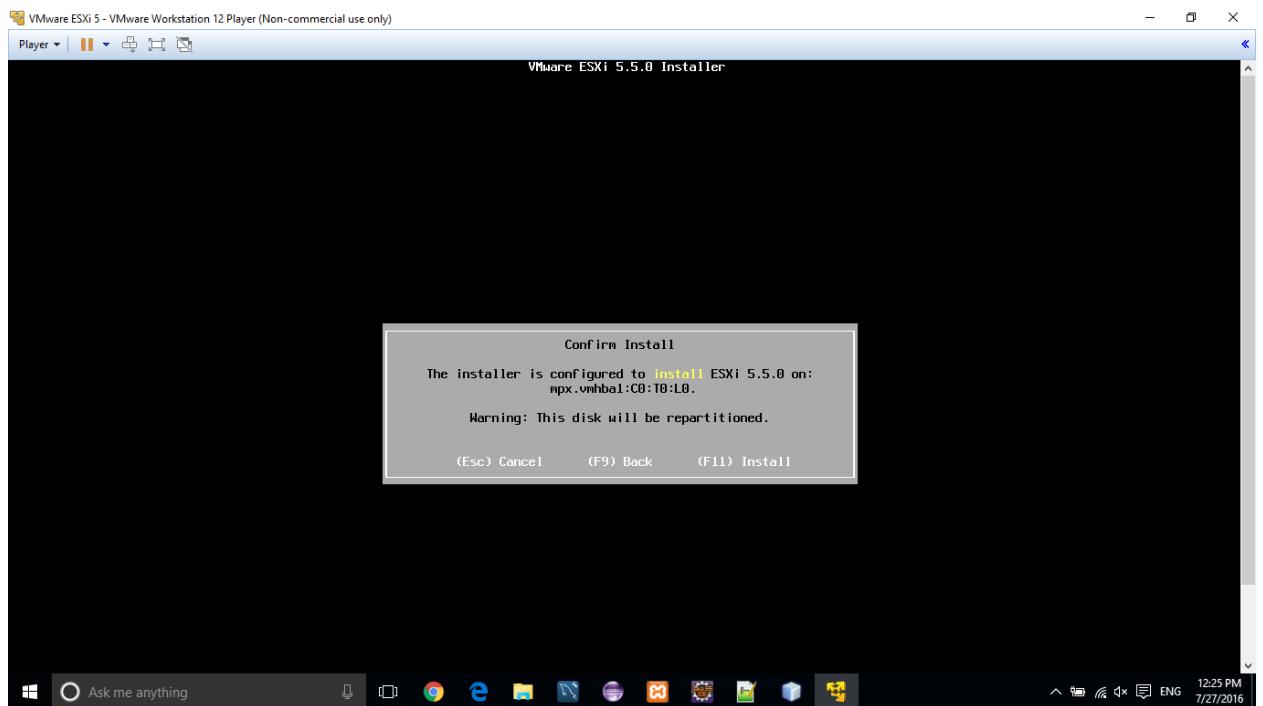
9. Click “Enter” to continue the installation process.



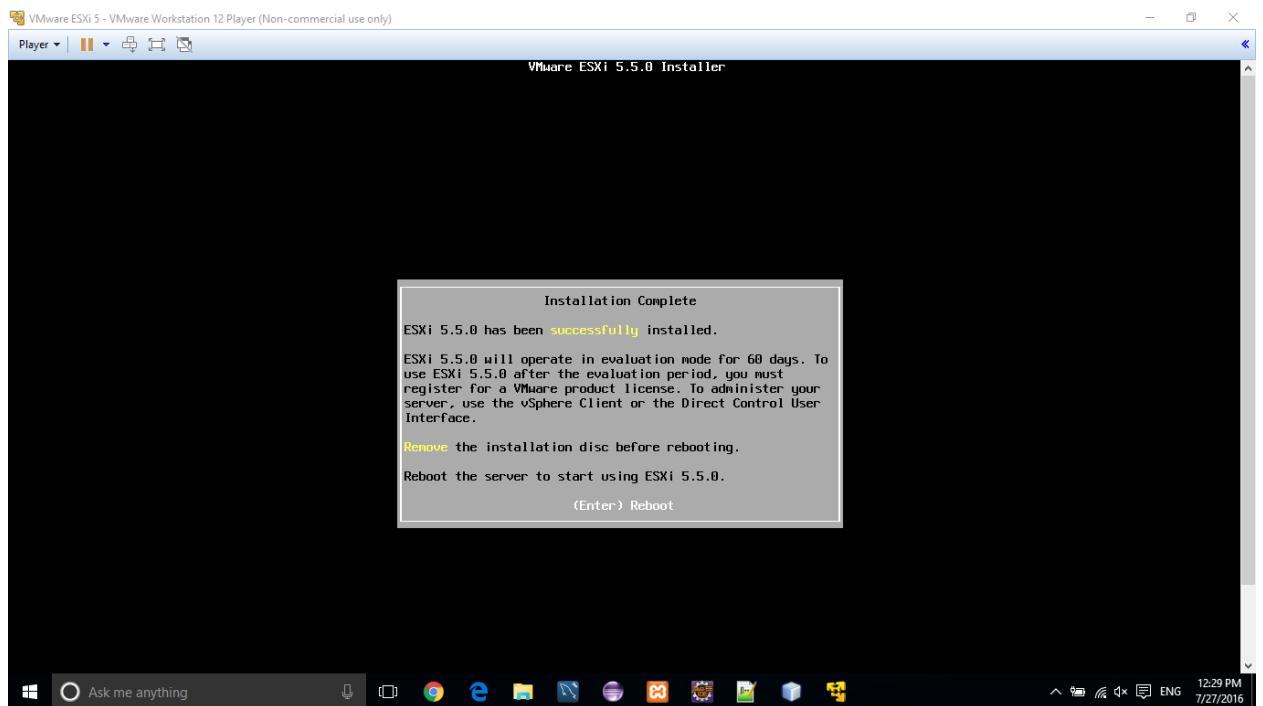
10. Provide a root password and press “Enter” to continue installation process.



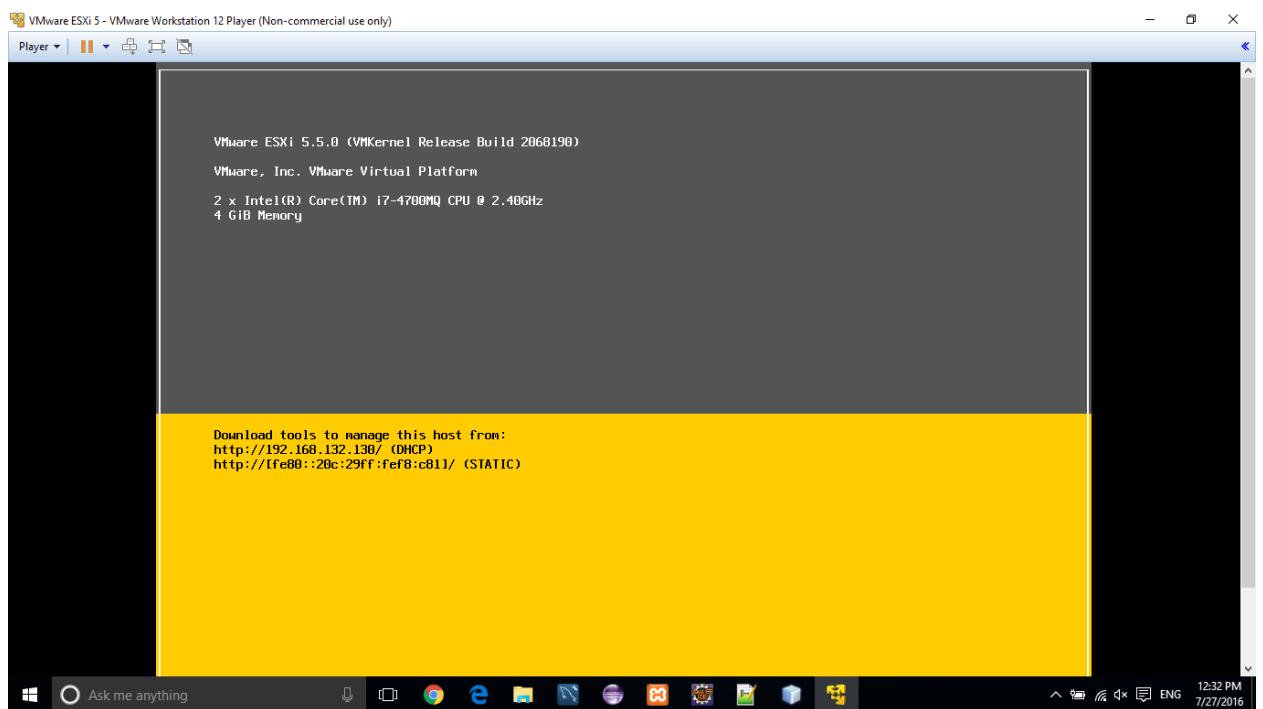
11. Click “F11” to confirm the installation.



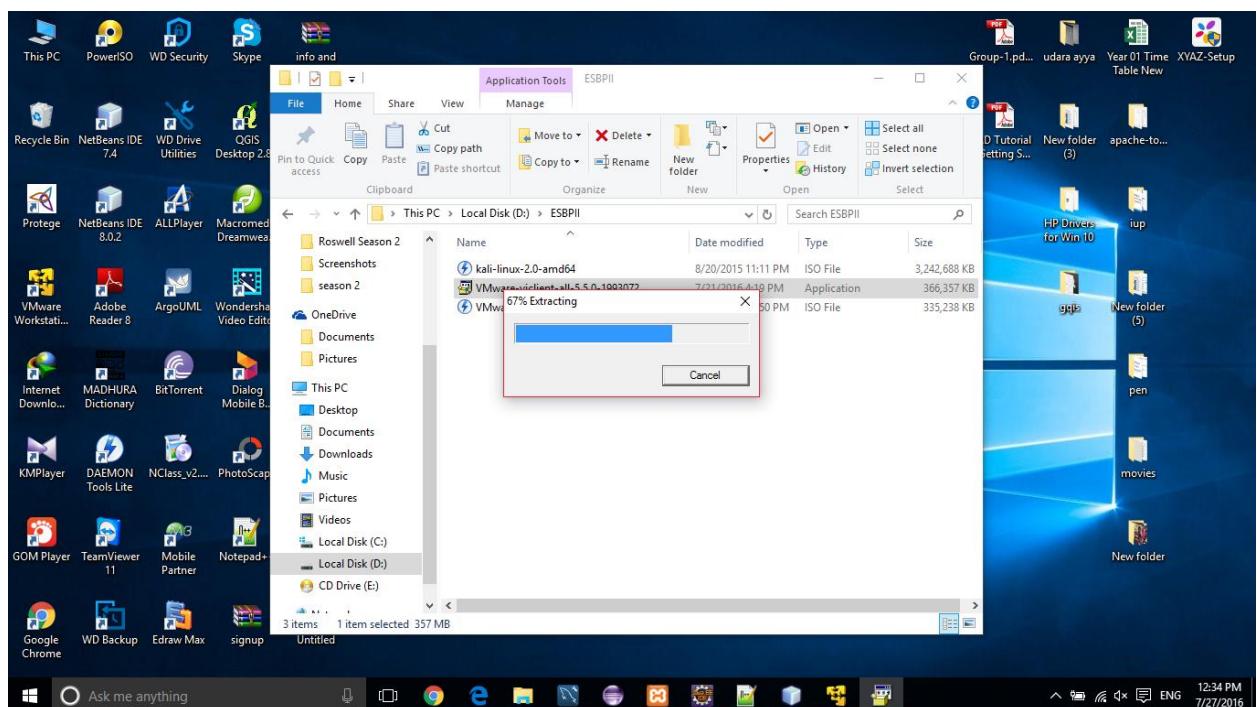
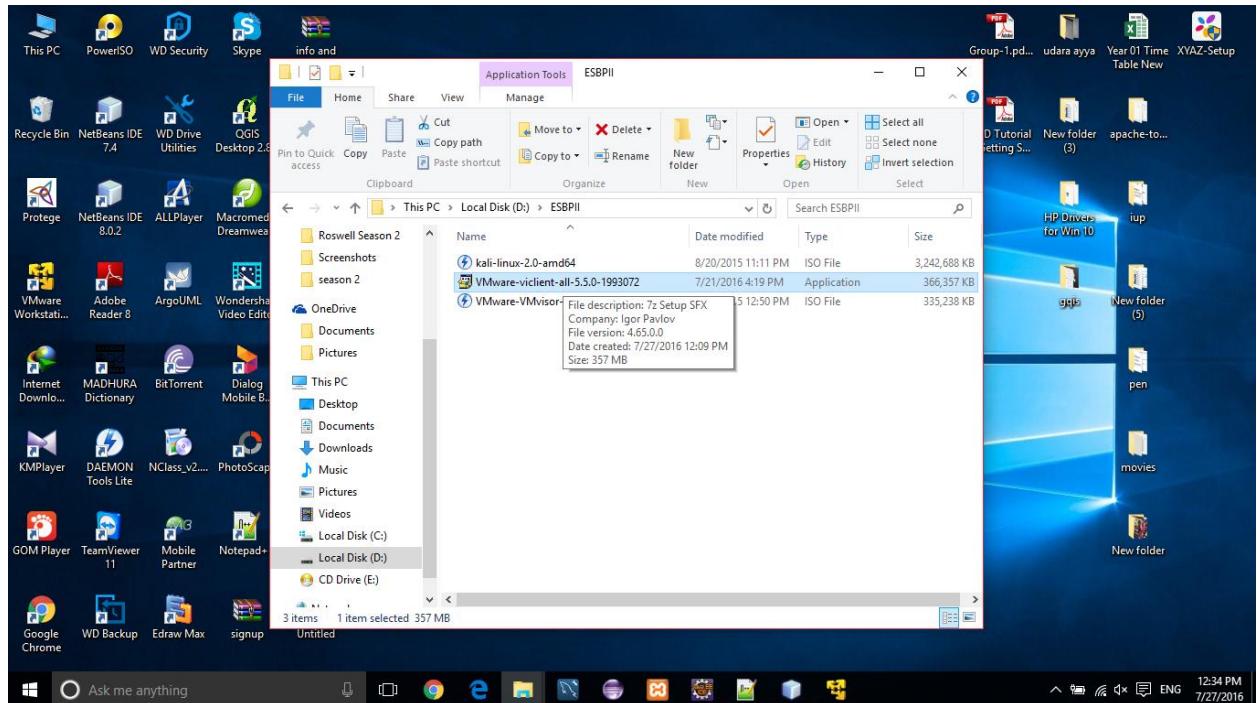
12. After complete the installation, press “Enter” to Reboot.

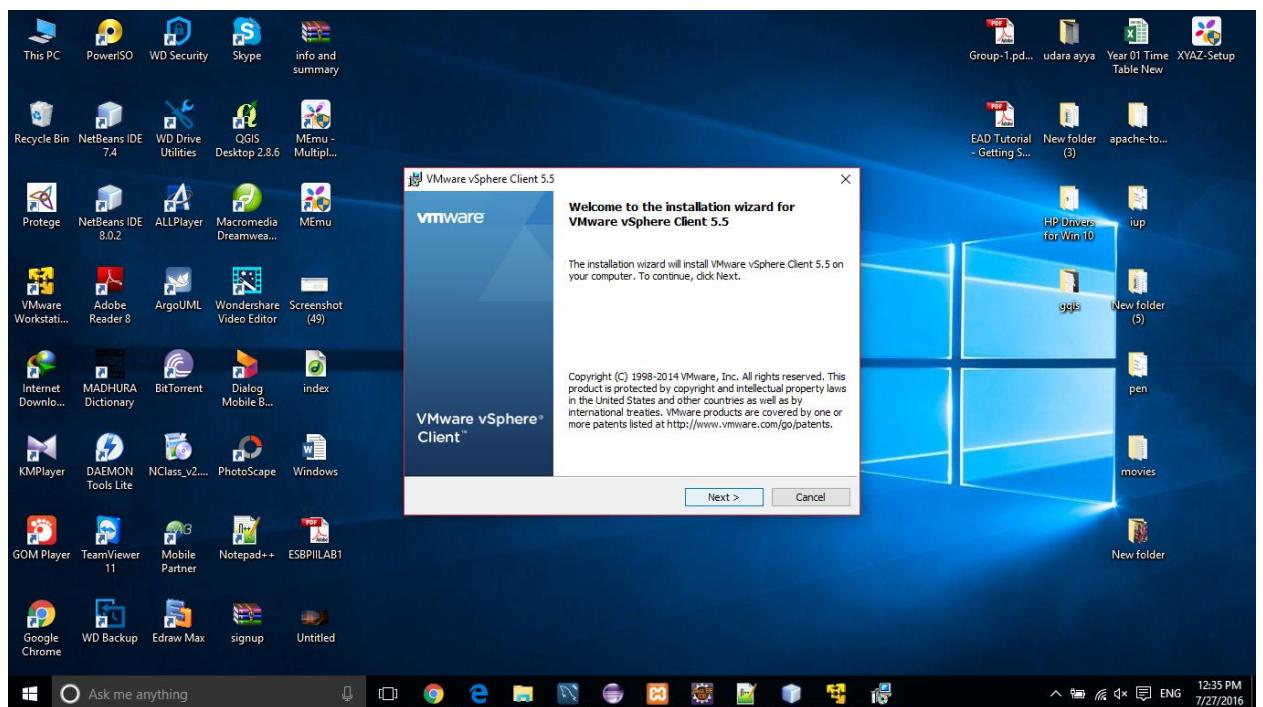
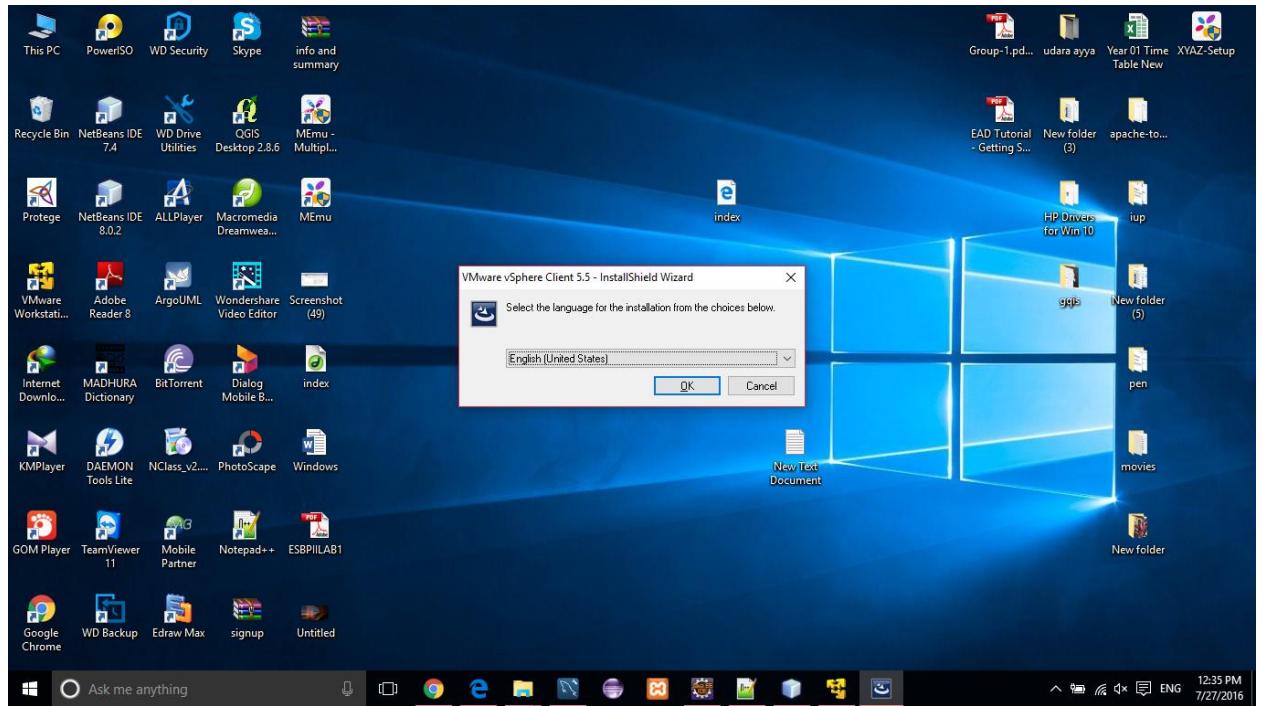


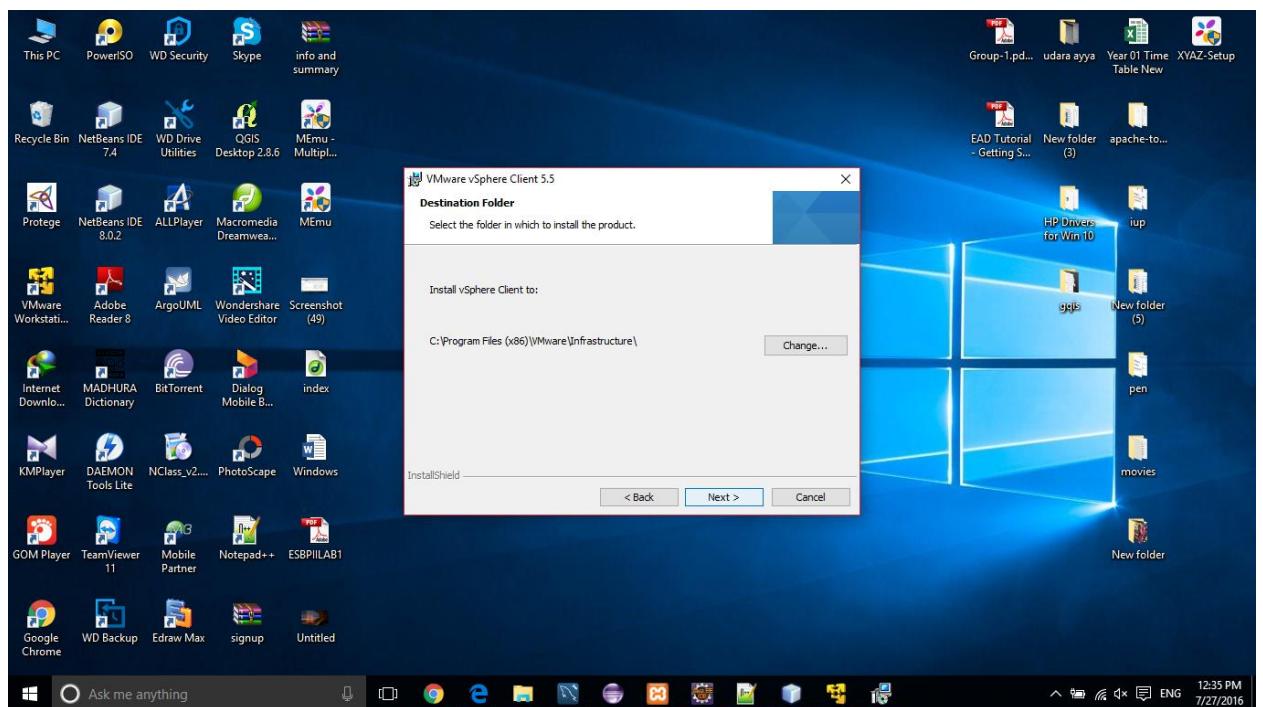
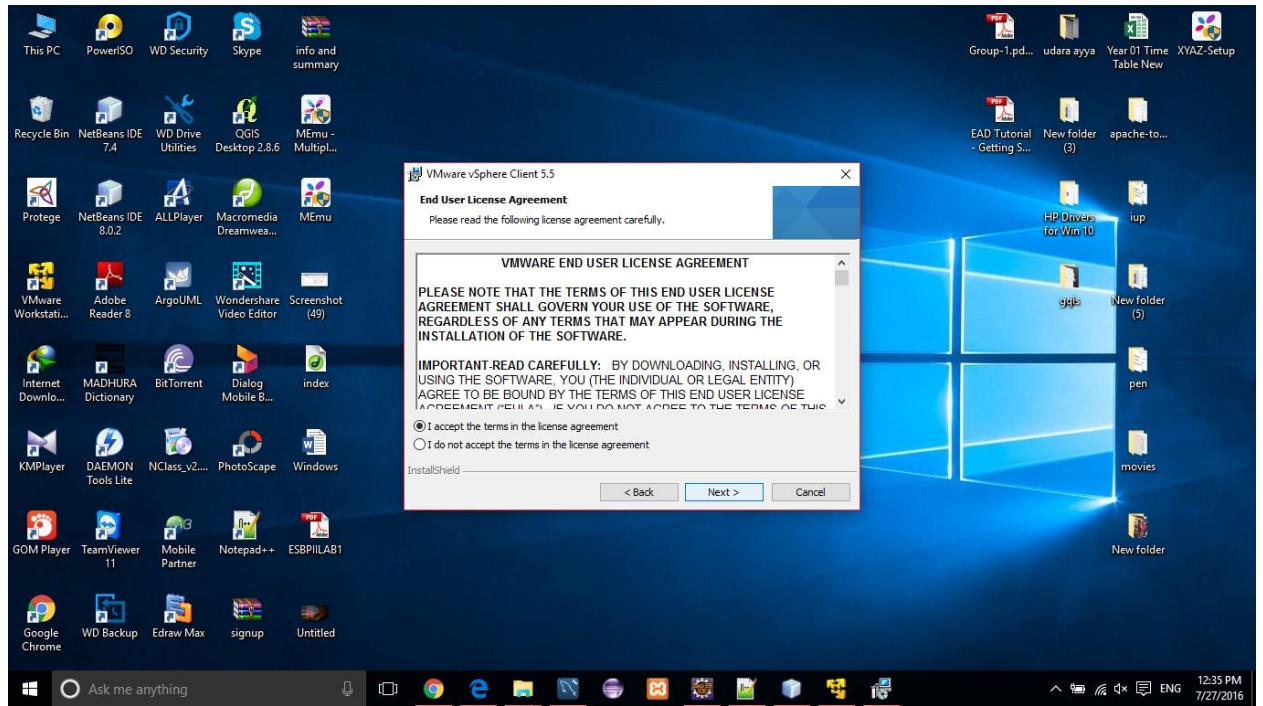
13. After rebooting, it will provide IP address to access this ESXI.

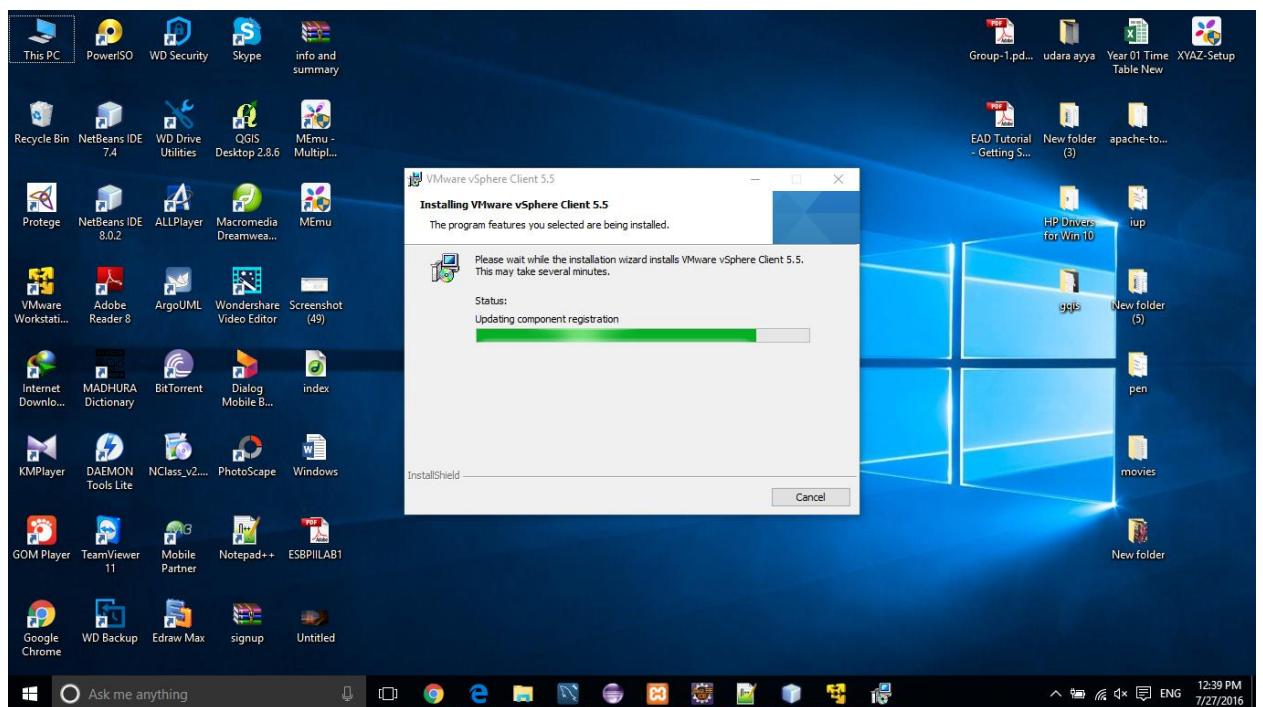
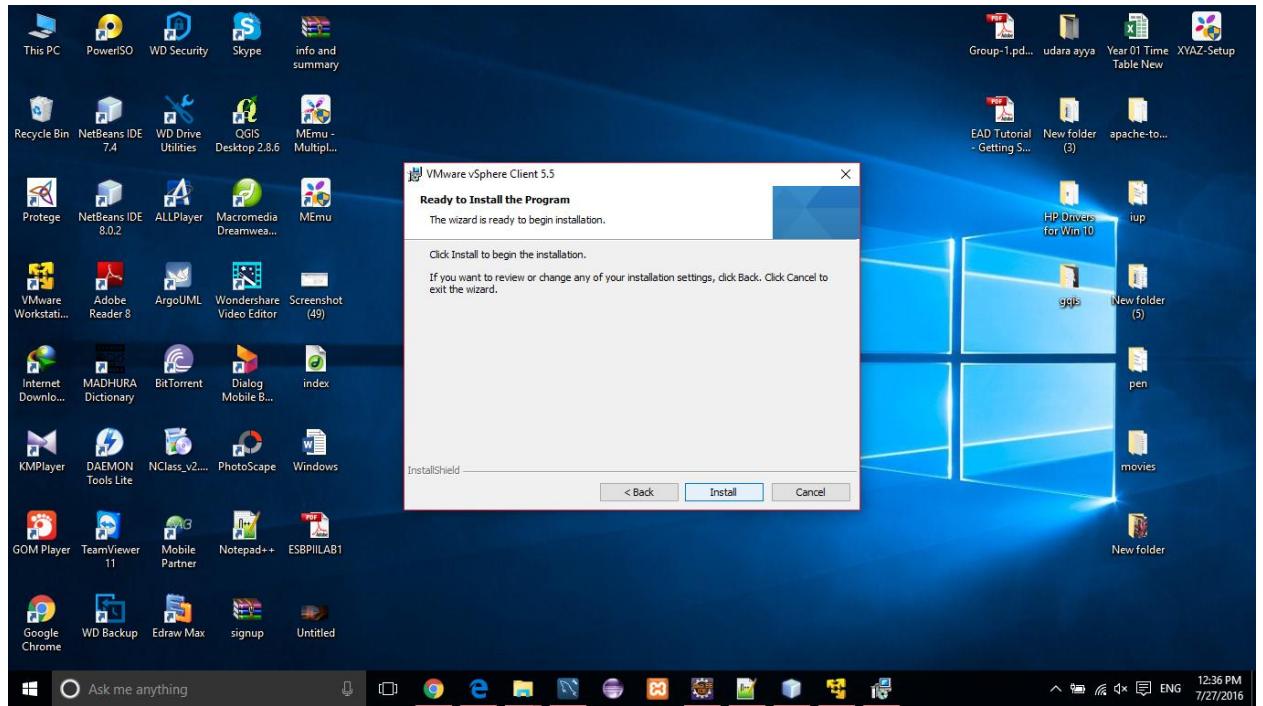


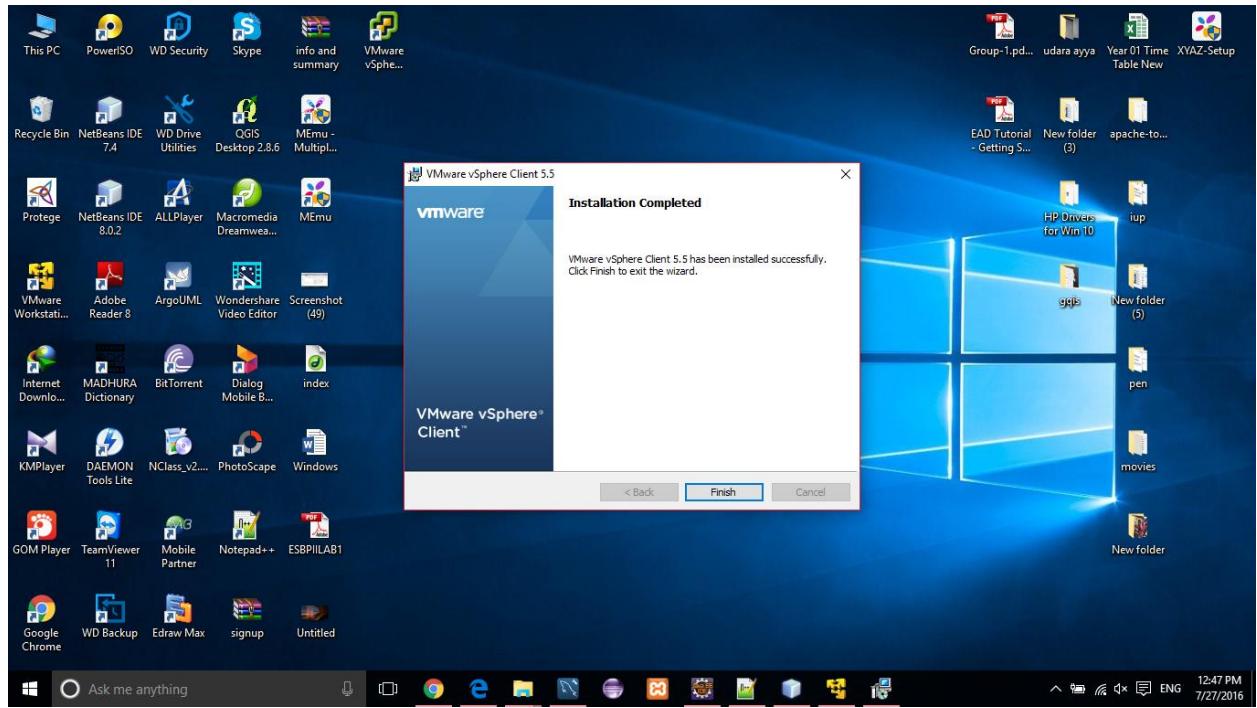
14. Then you should install VMware vSphere client. These are the installation steps of vSphere client.



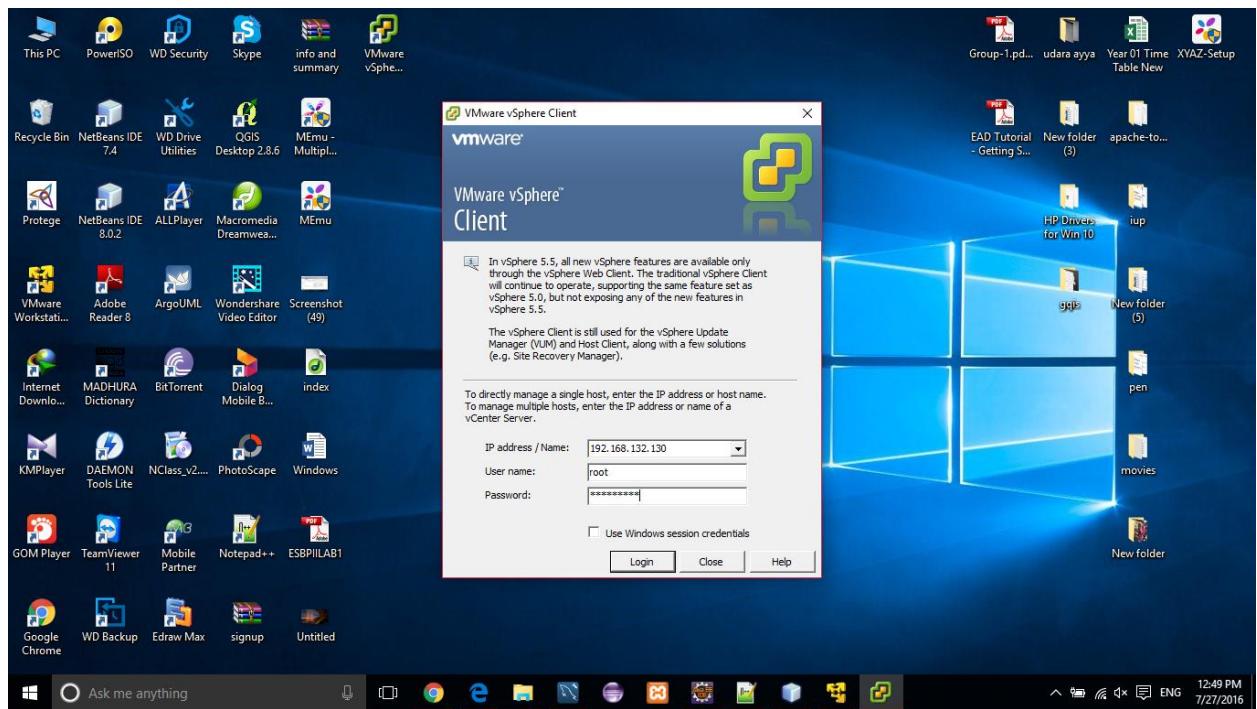




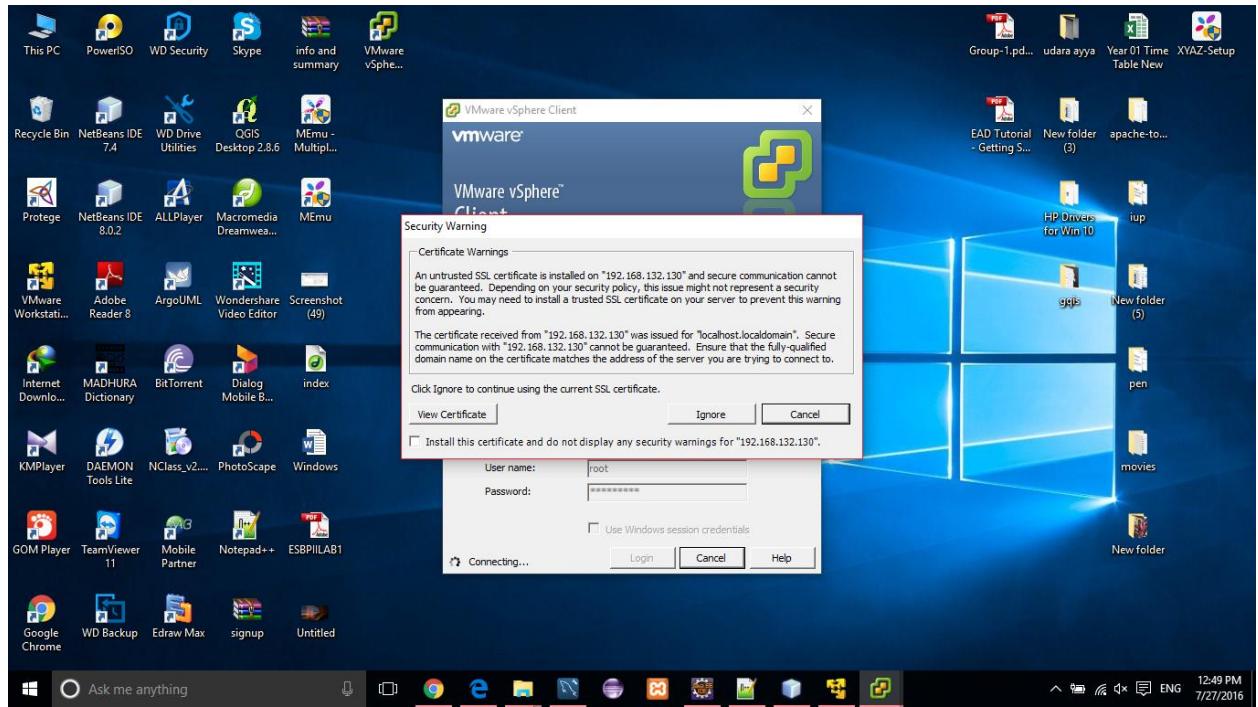




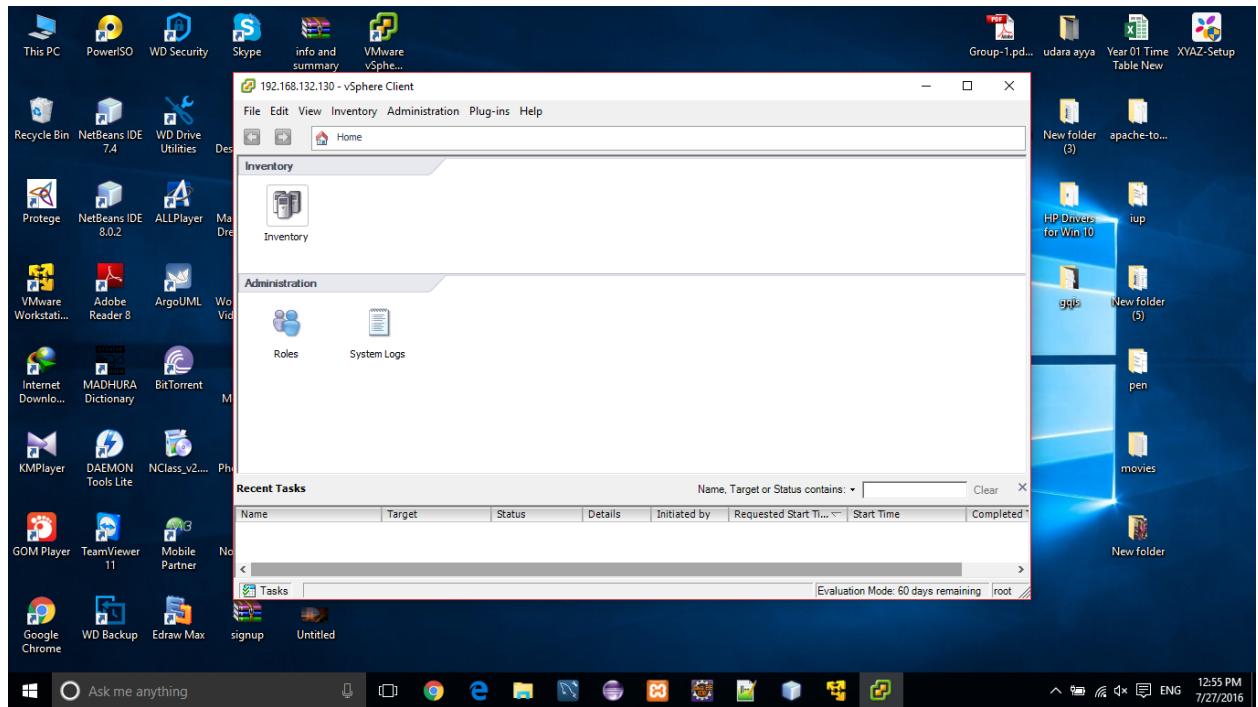
15. Then open VMware vSphere client and provide IP address as IP address that you got from the ESXi installation and user name as "root" and password as password that you provide in ESXi installation. Then click "Login".



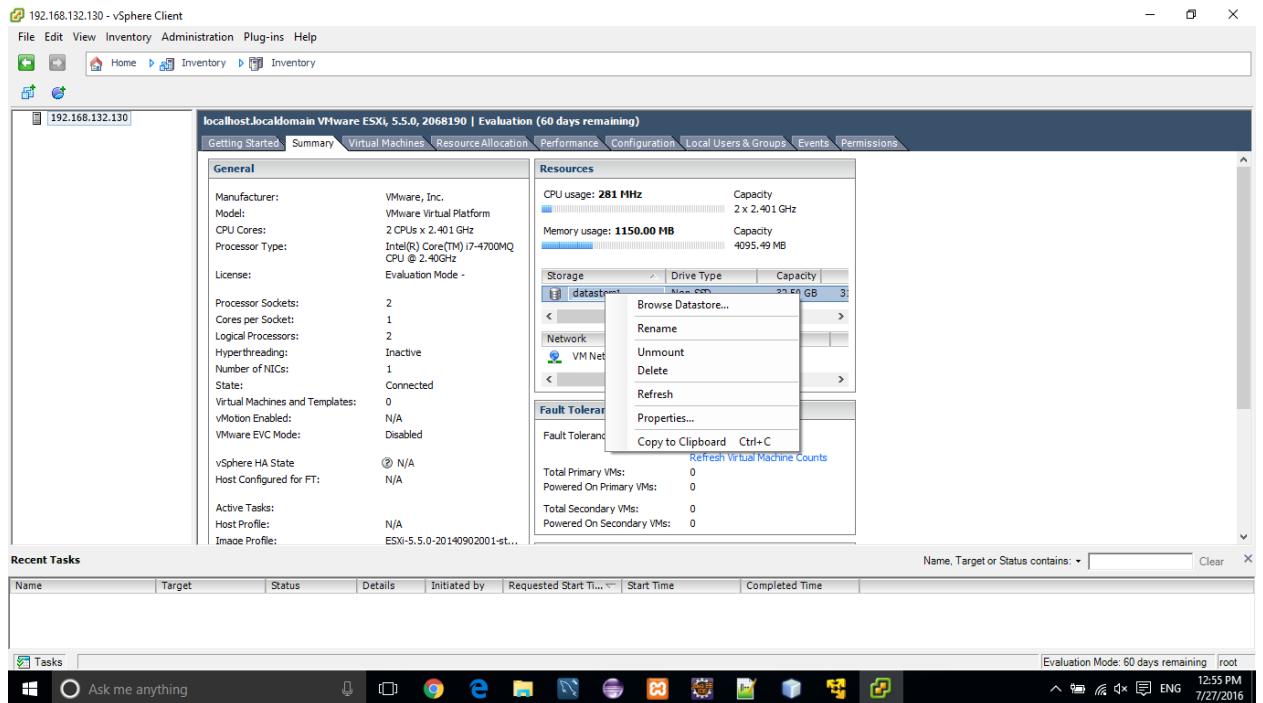
16. Click “Ignore”.



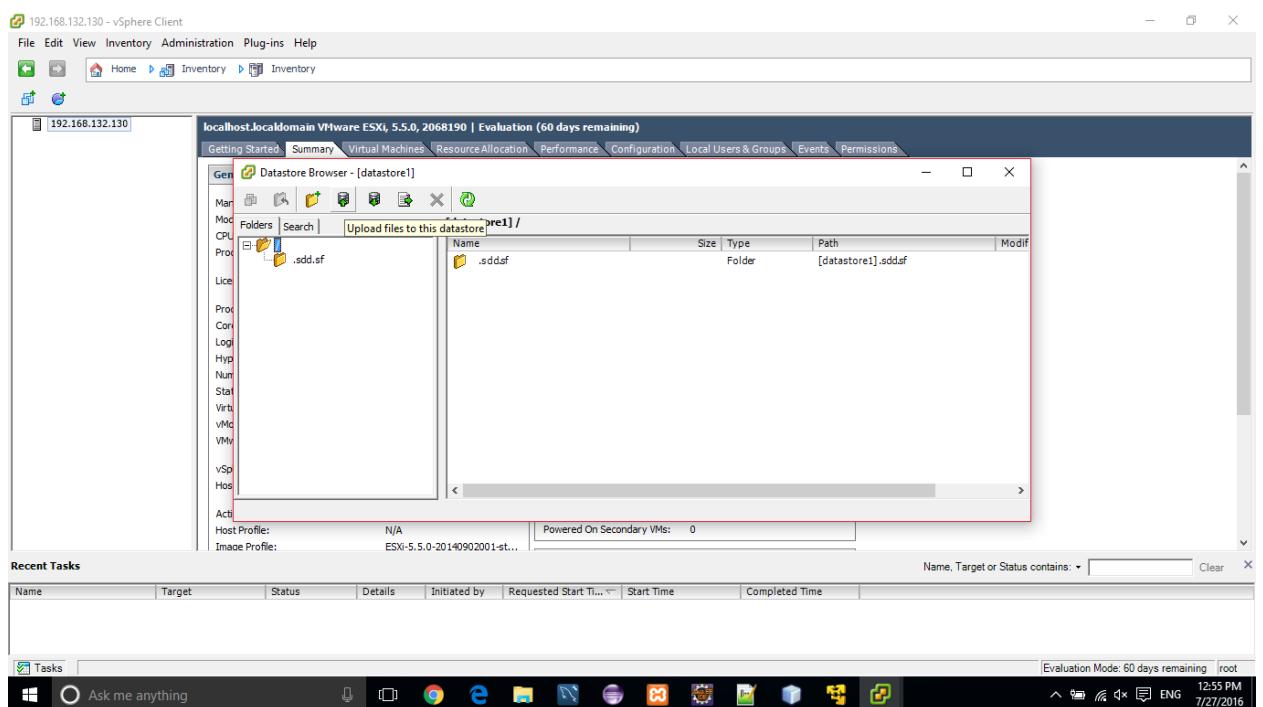
17. Select “Inventory”.

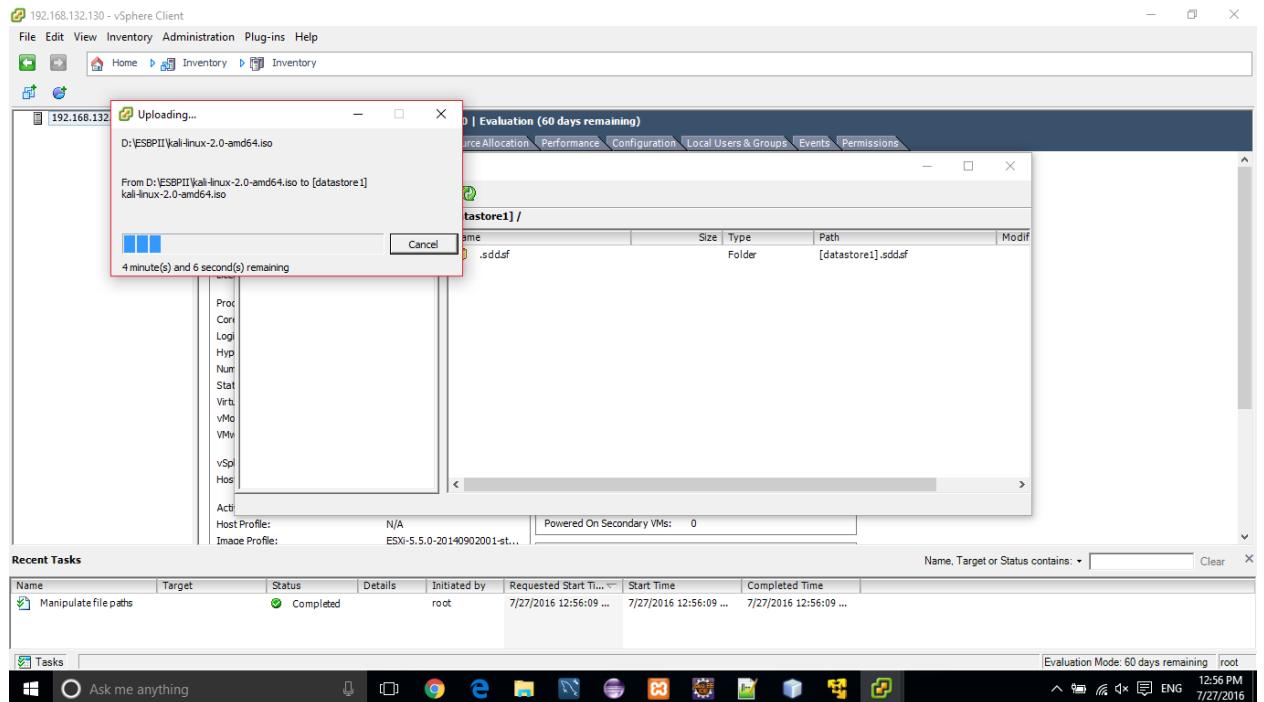


18. Go to the “Summary” tab and right click on the datastore and select Browse datastore.

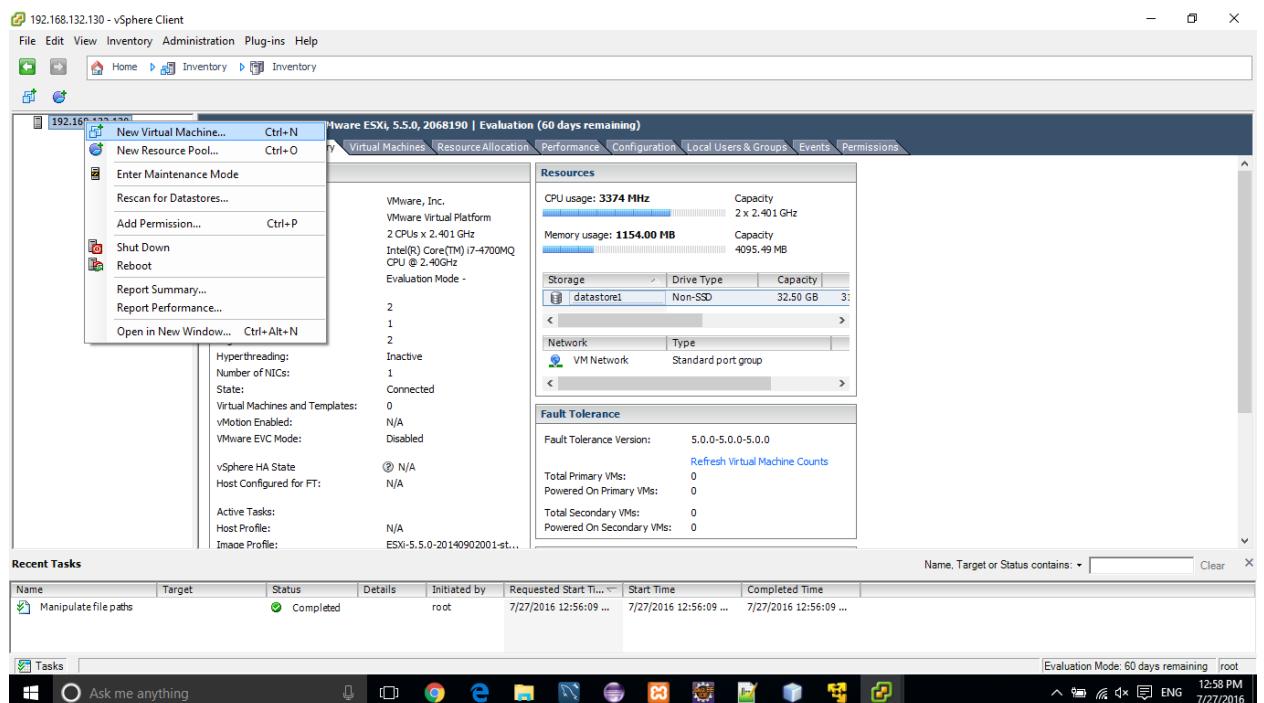


19. Click “Upload file to the datastore” and choose Kali linux os. That file will be uploaded to the datastore.

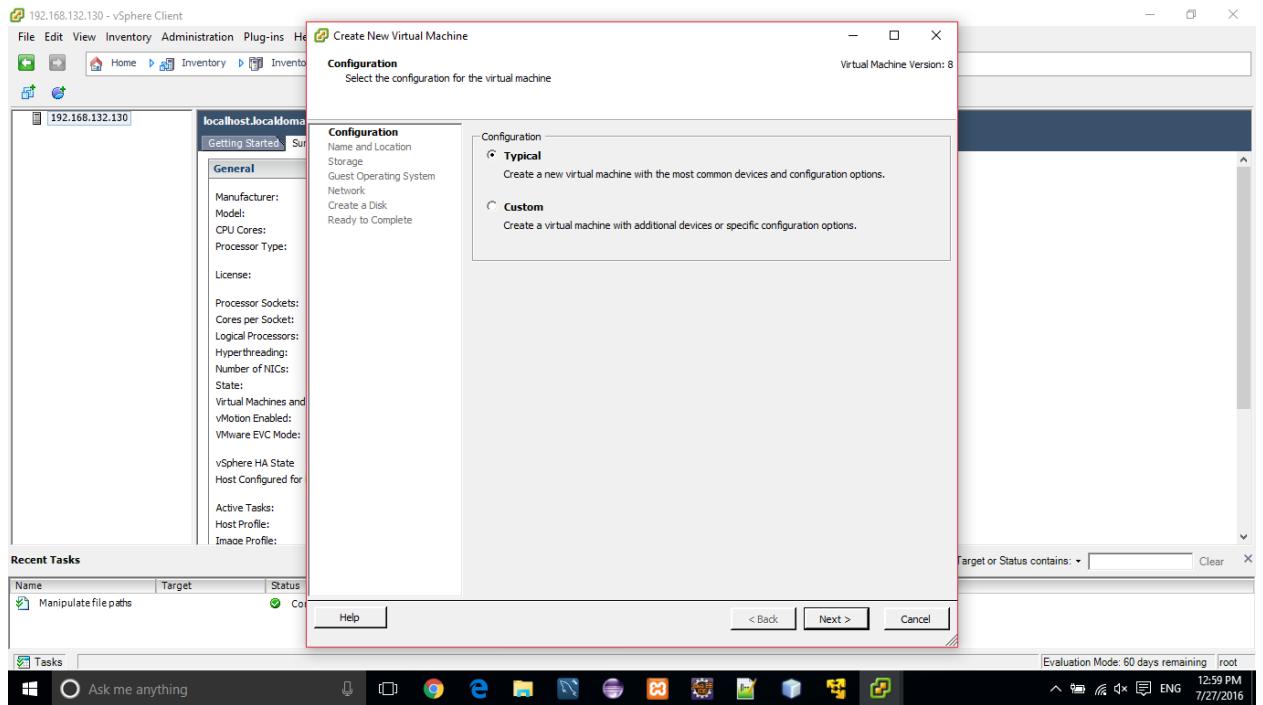




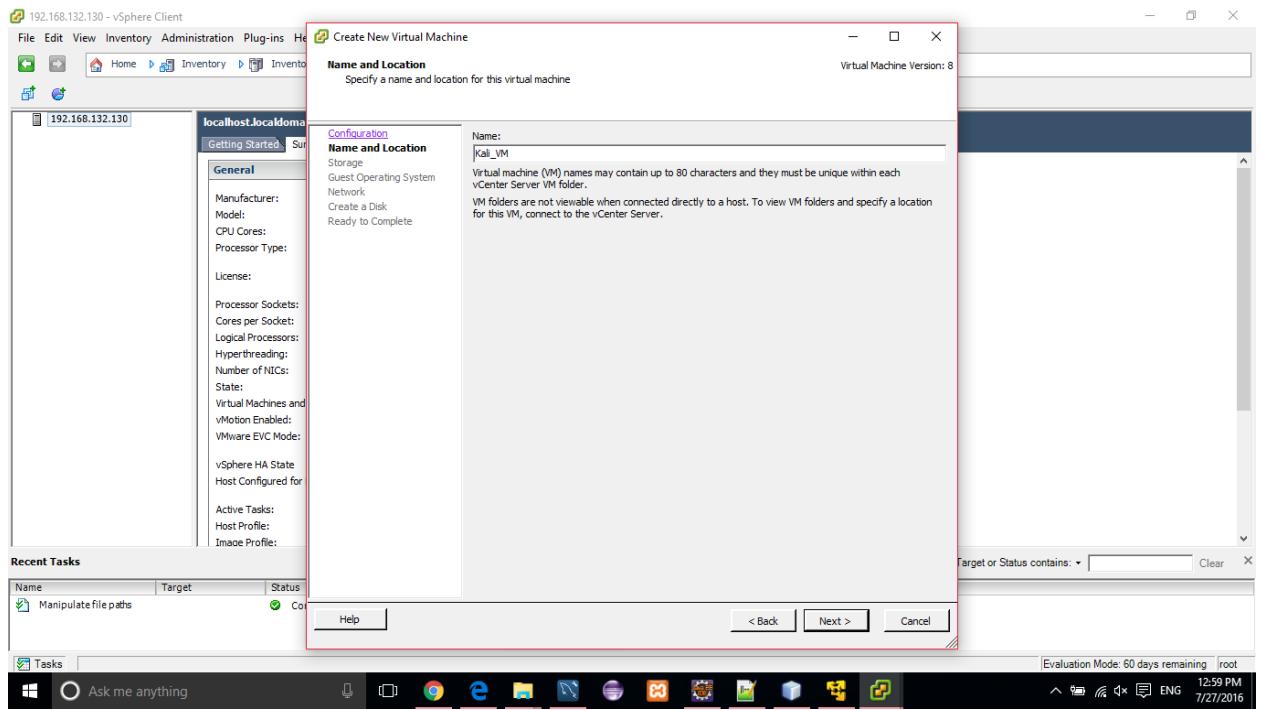
20. Right click the host IP address and select new Virtual Machine.



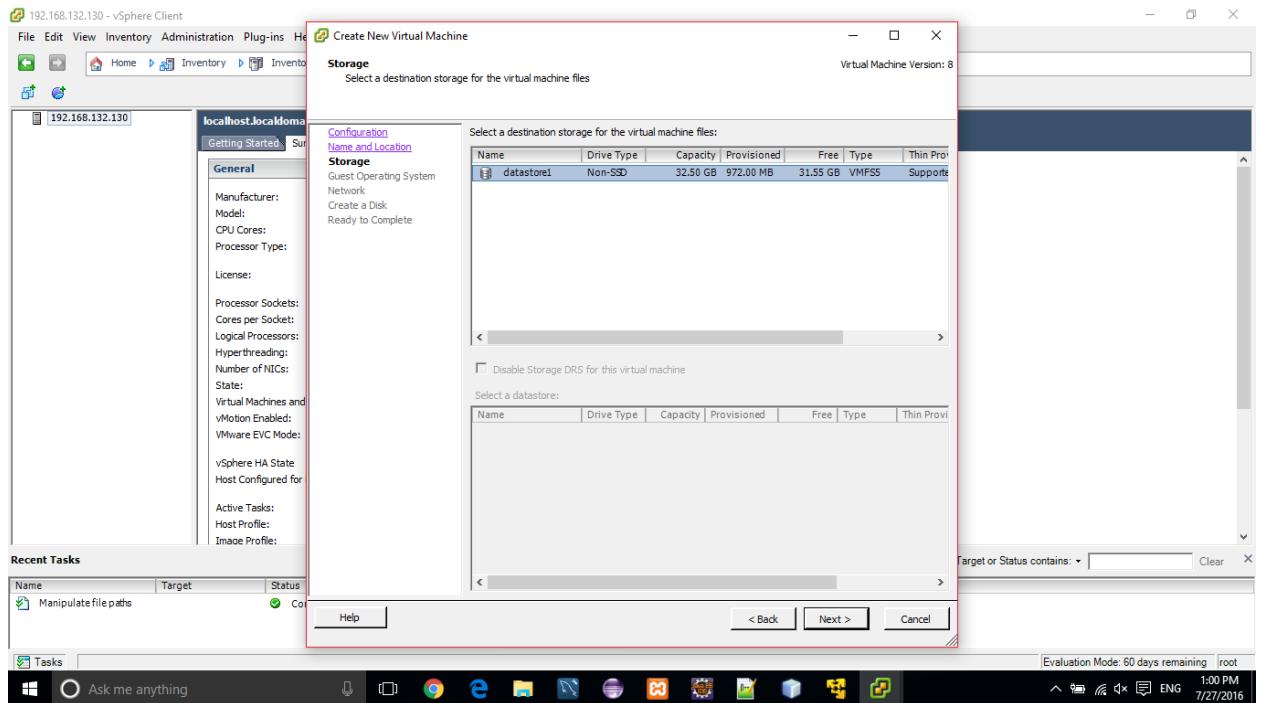
21. Select “Typical” and click “Next”.



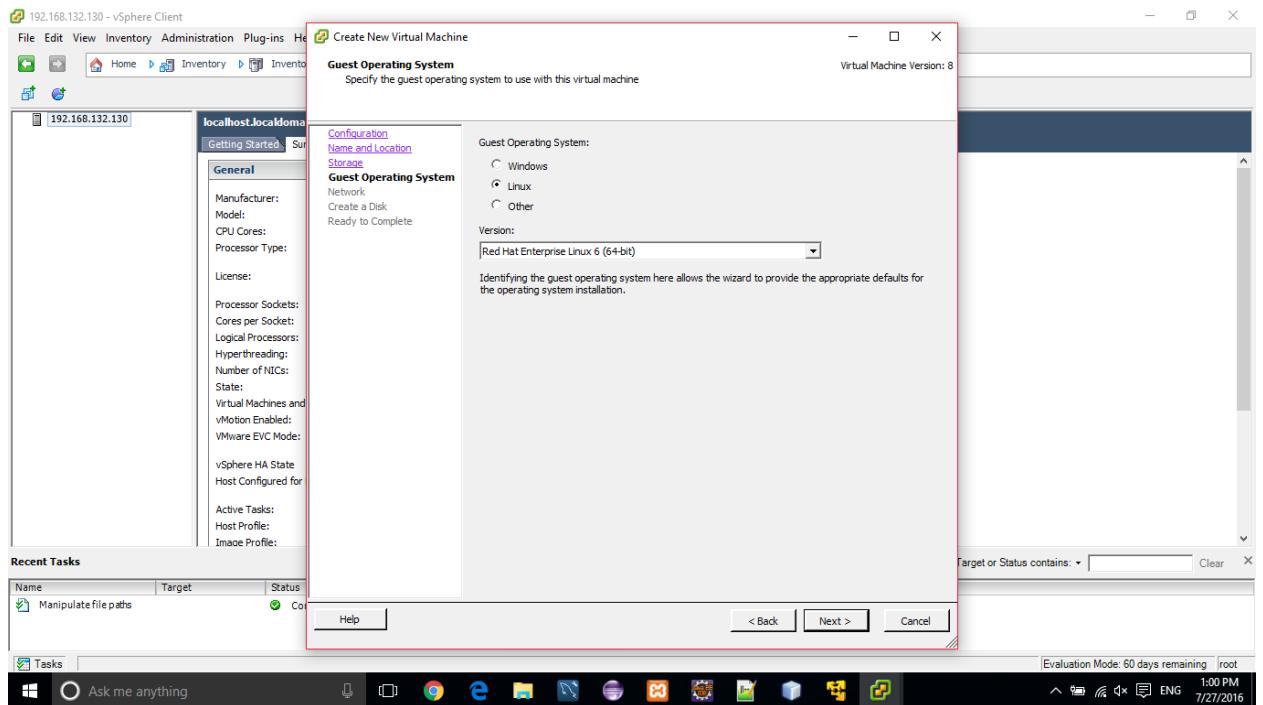
22. Provide name and click next.



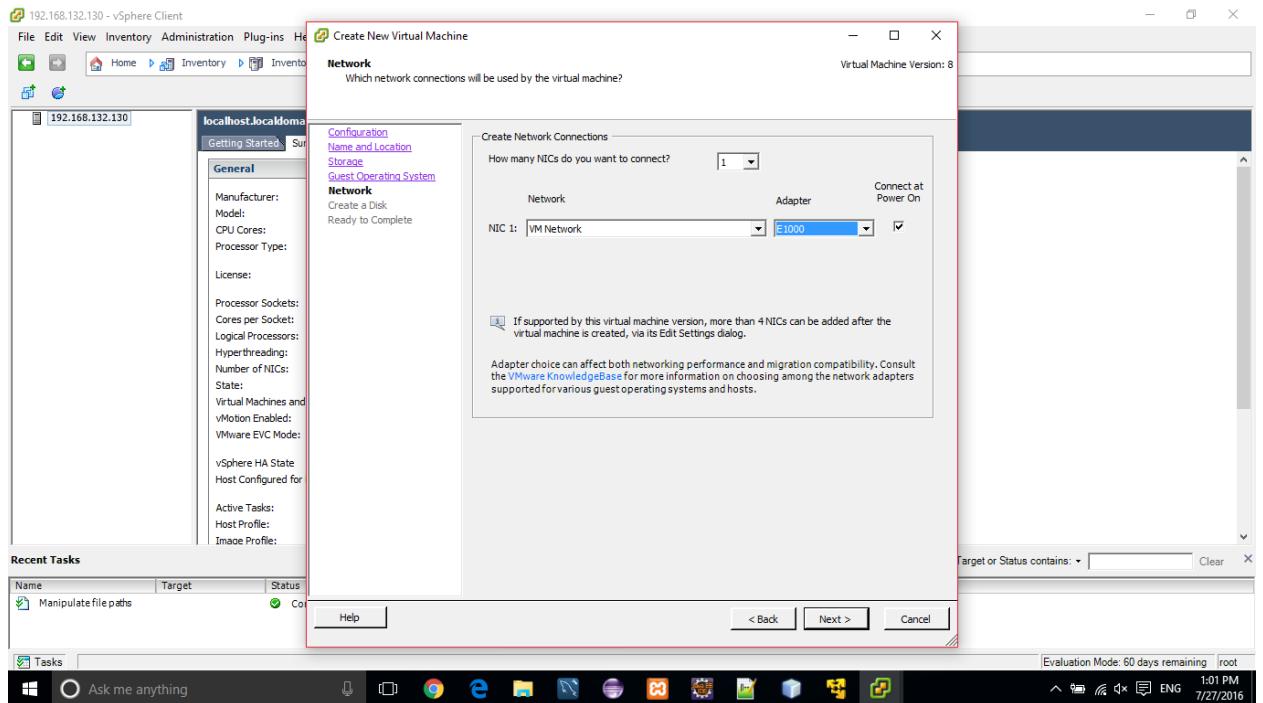
23. Click next.



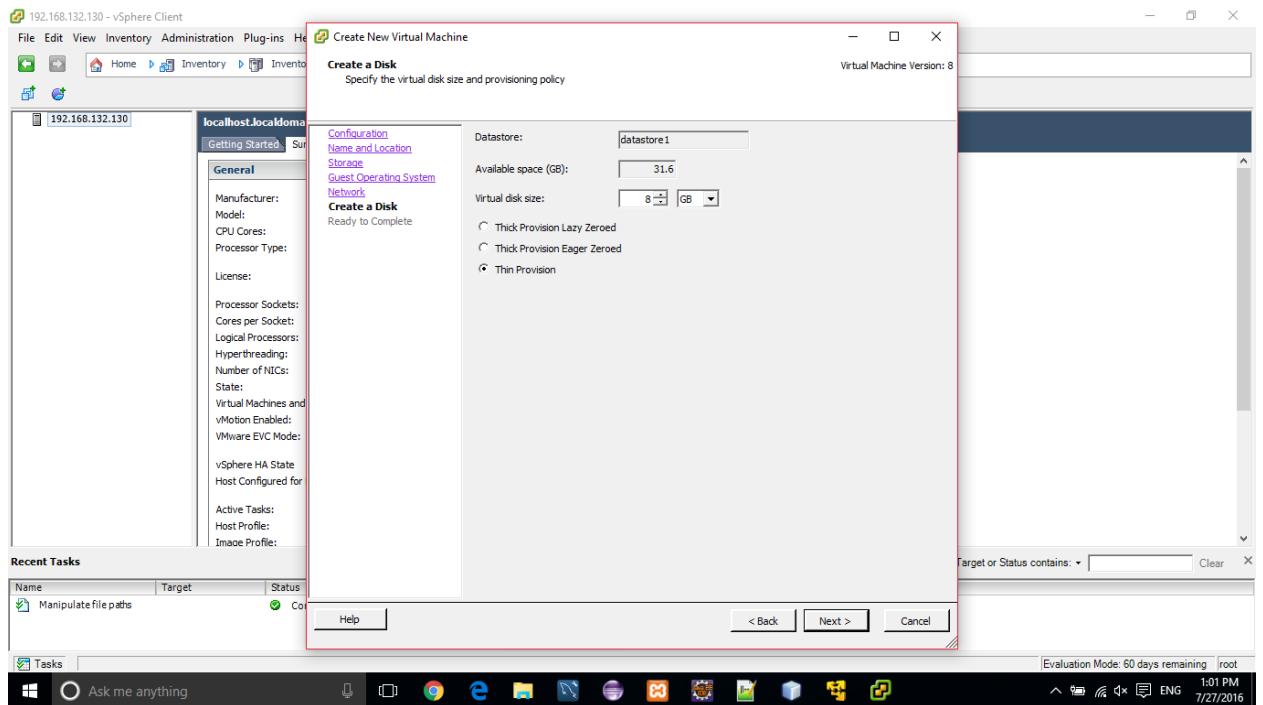
24. Select guest operating system as "Linux" and version as other linux32bit.



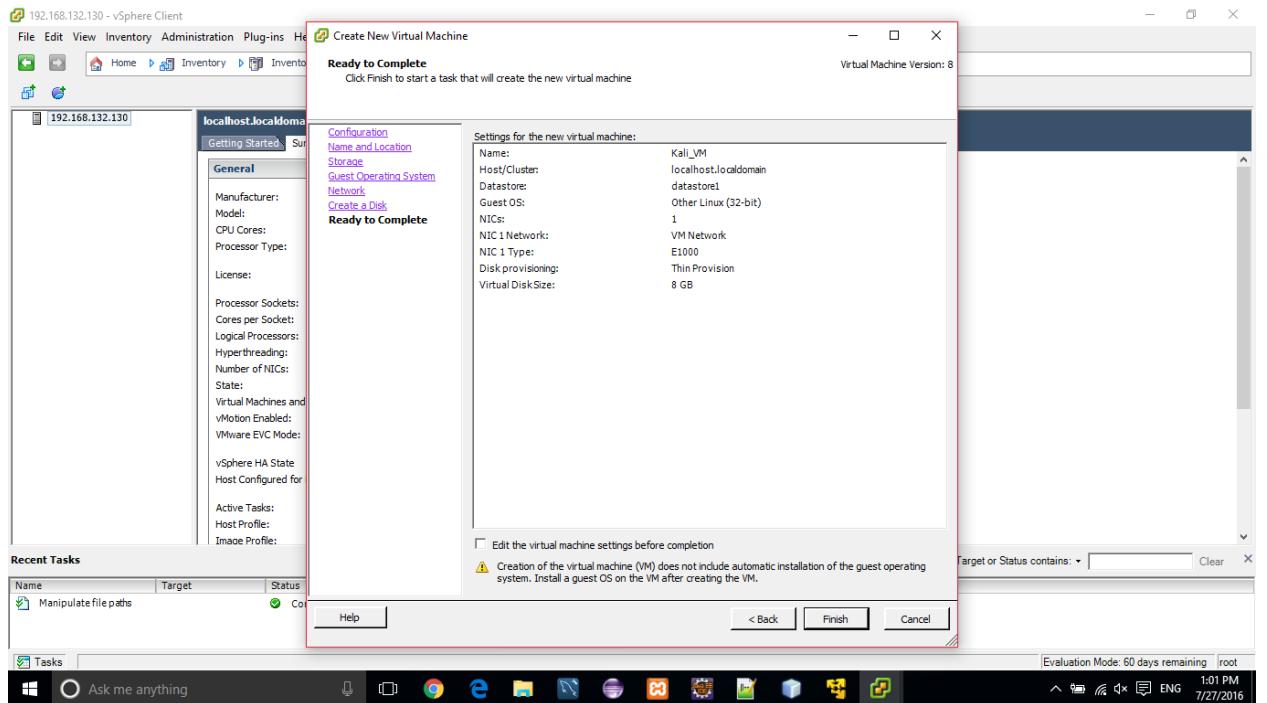
25. Select adapter as E1000. Click next.



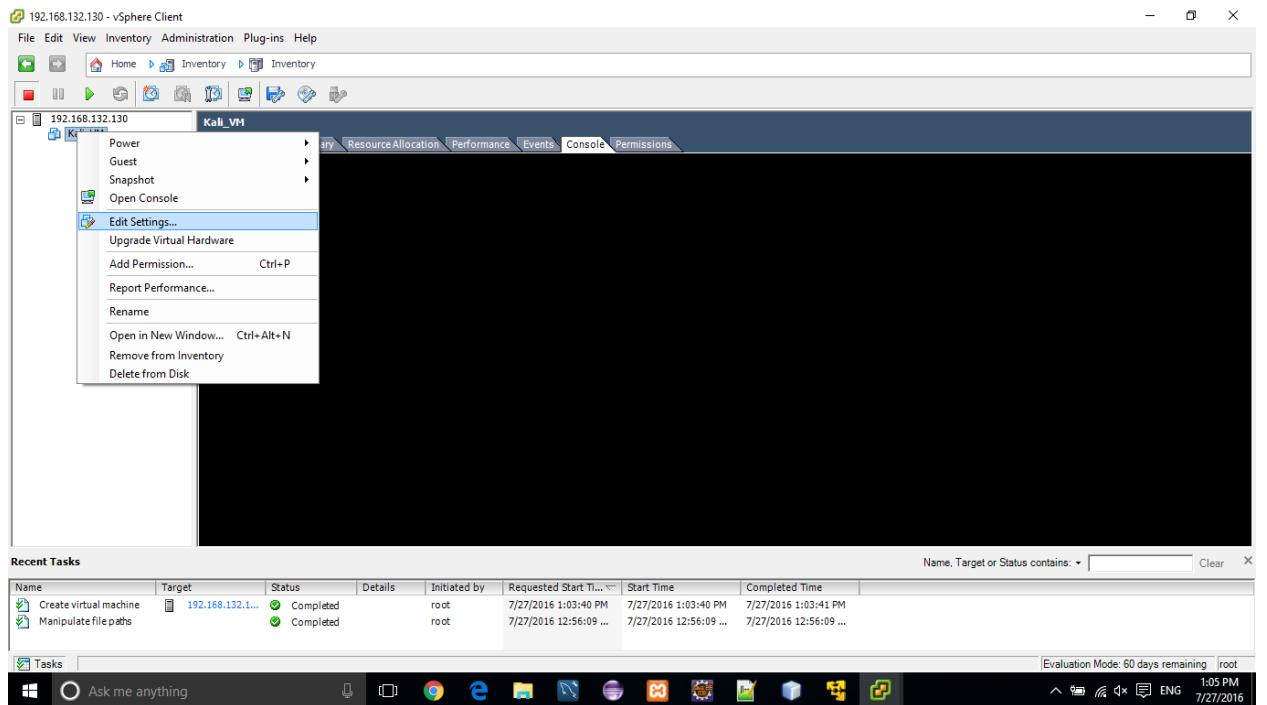
26. Select “Thin Provision” and click Next.



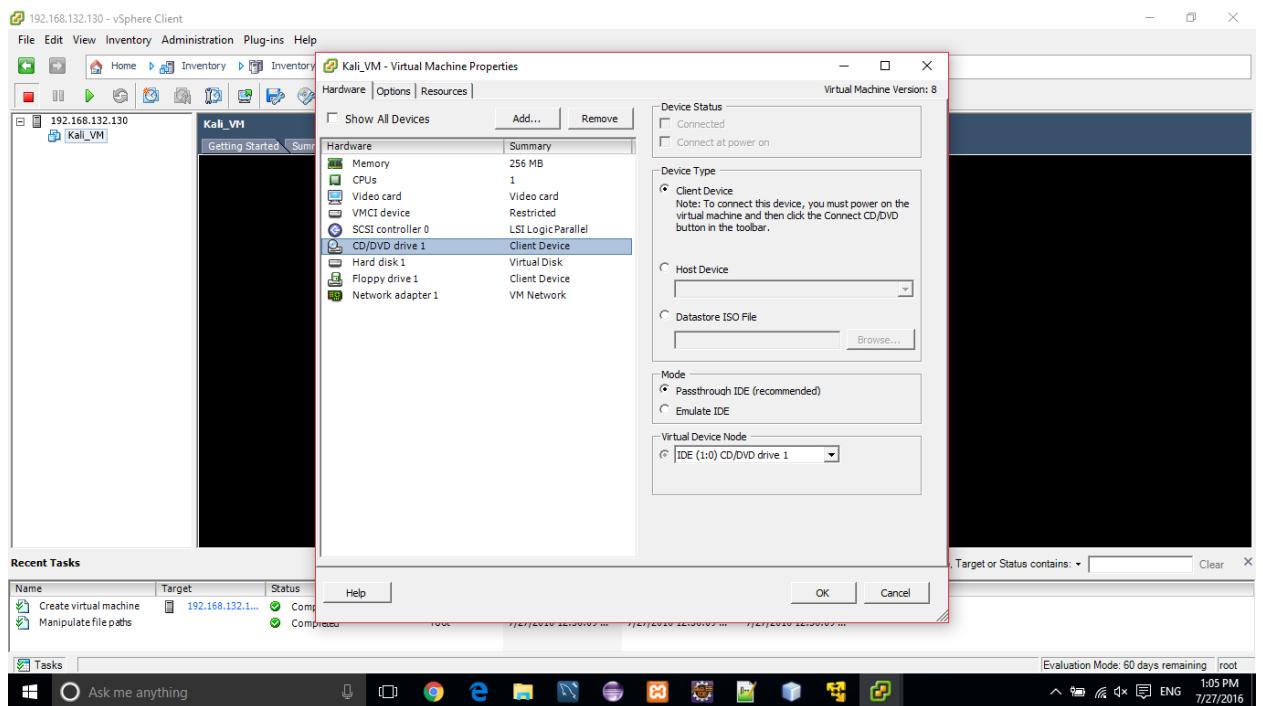
27. Click Finish.



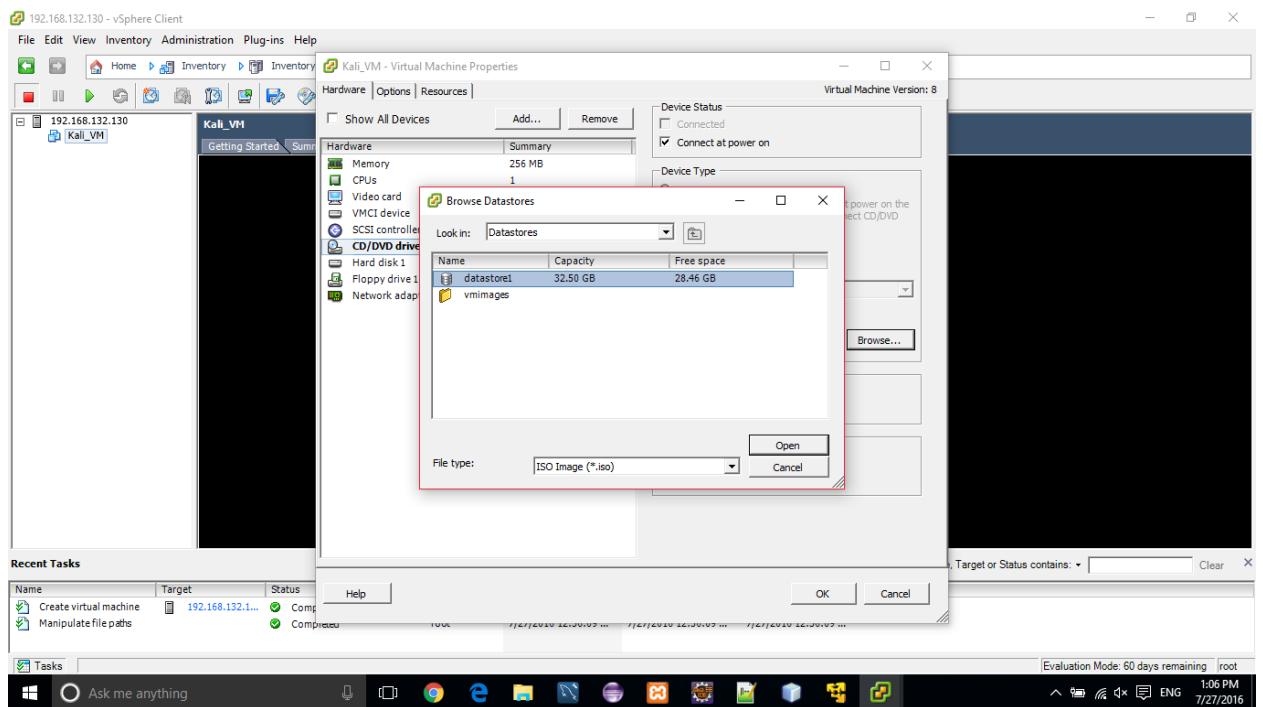
28. Right click on the “Kali_VM” and select Edit Setting.



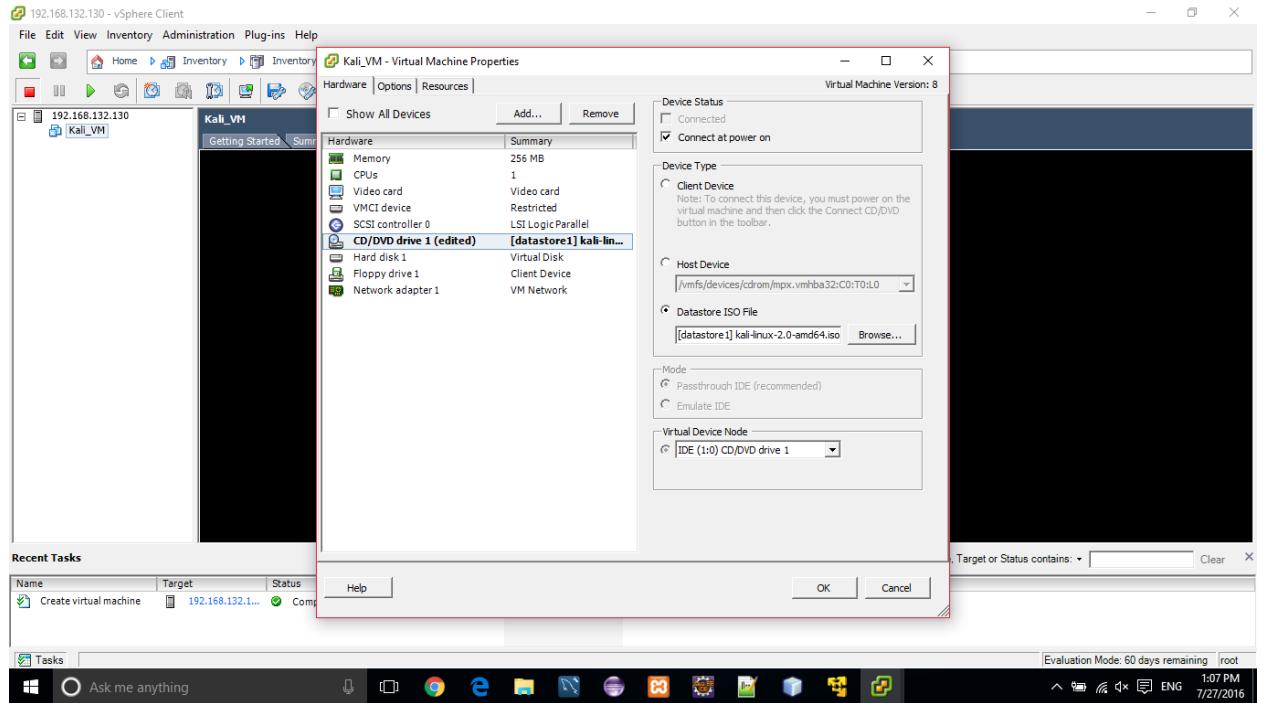
29. Select CD/DVD drive 1 .



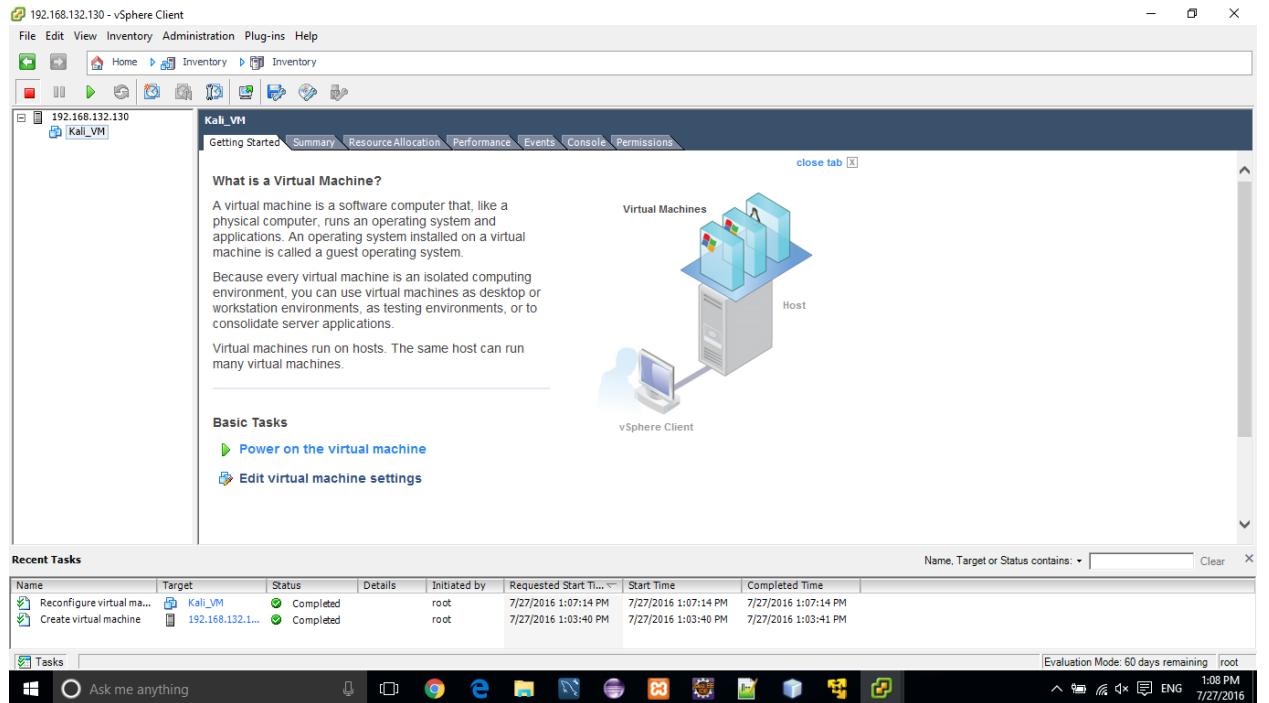
30. Then select Datastore iso file and browse Kali Linux from datastore.

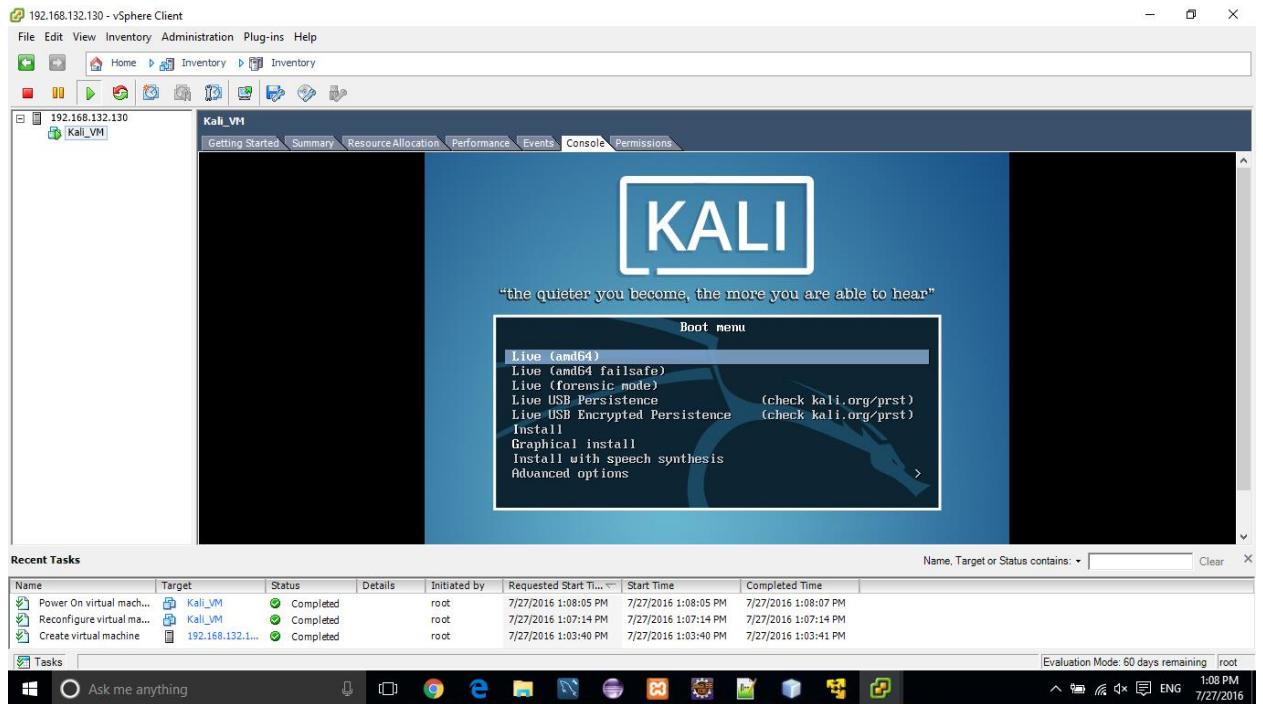


31. Select Host Device and tick the “Connect at Power on” check box. Then click “OK”.

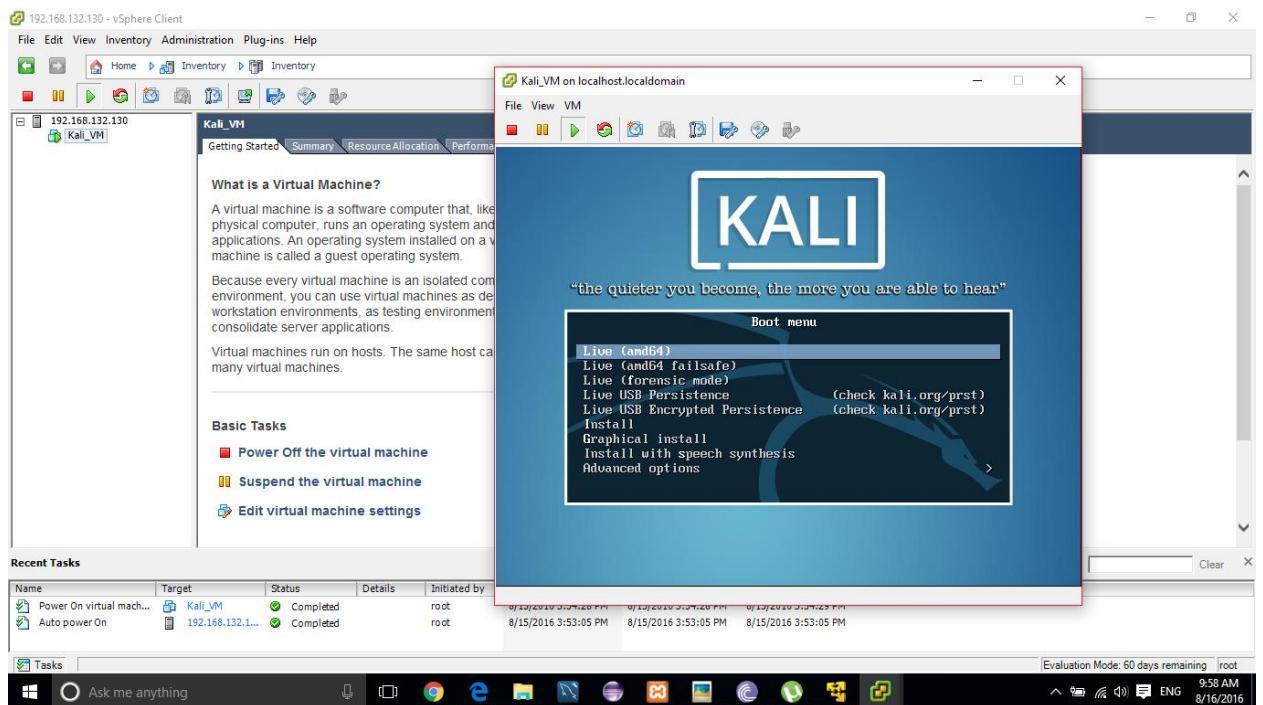


32. Then click “Power on the Virtual Machine” and go to “Console” tab.

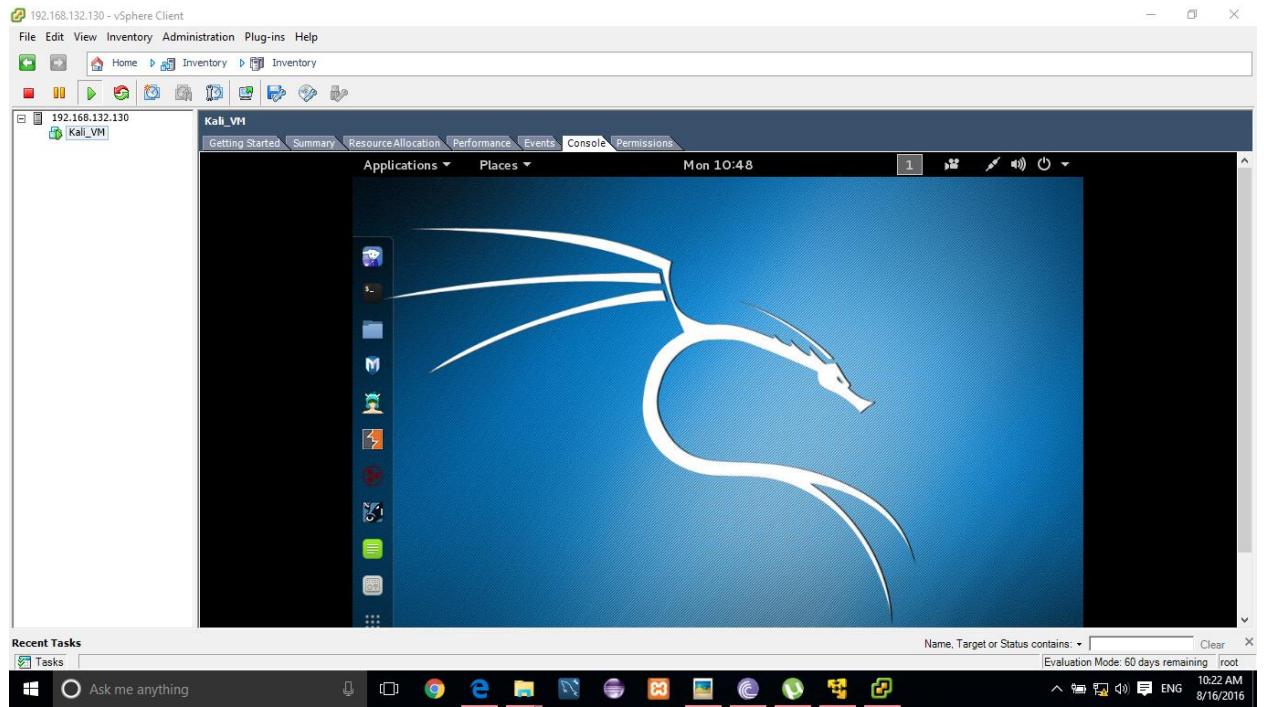




33. For KALI installation Select “Live (amd64)” and press “Enter”.



34. Then you can see KALI OS interface.



35. Open the terminal and type "ls -al" command. Now you can see KALI is working.

