

Enterprise Standards and Best Practices for IT Infrastructure

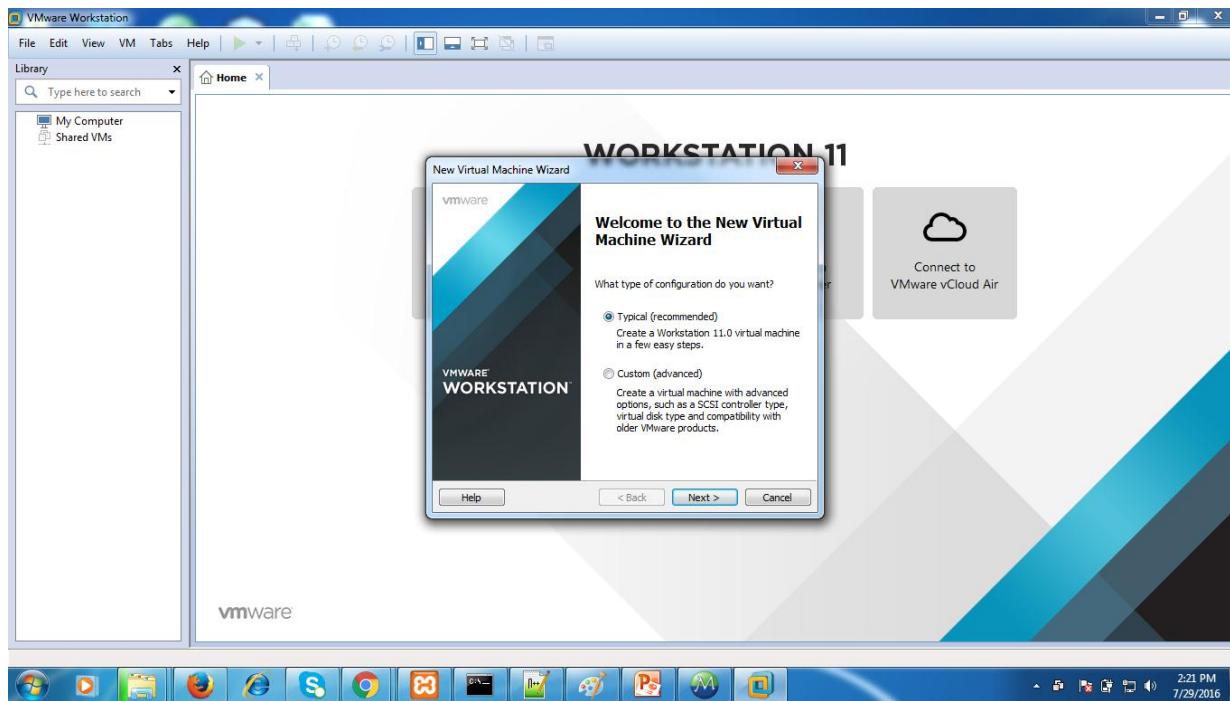
Creating a Virtual Machine on the Hypervisor

Assignment Report 05

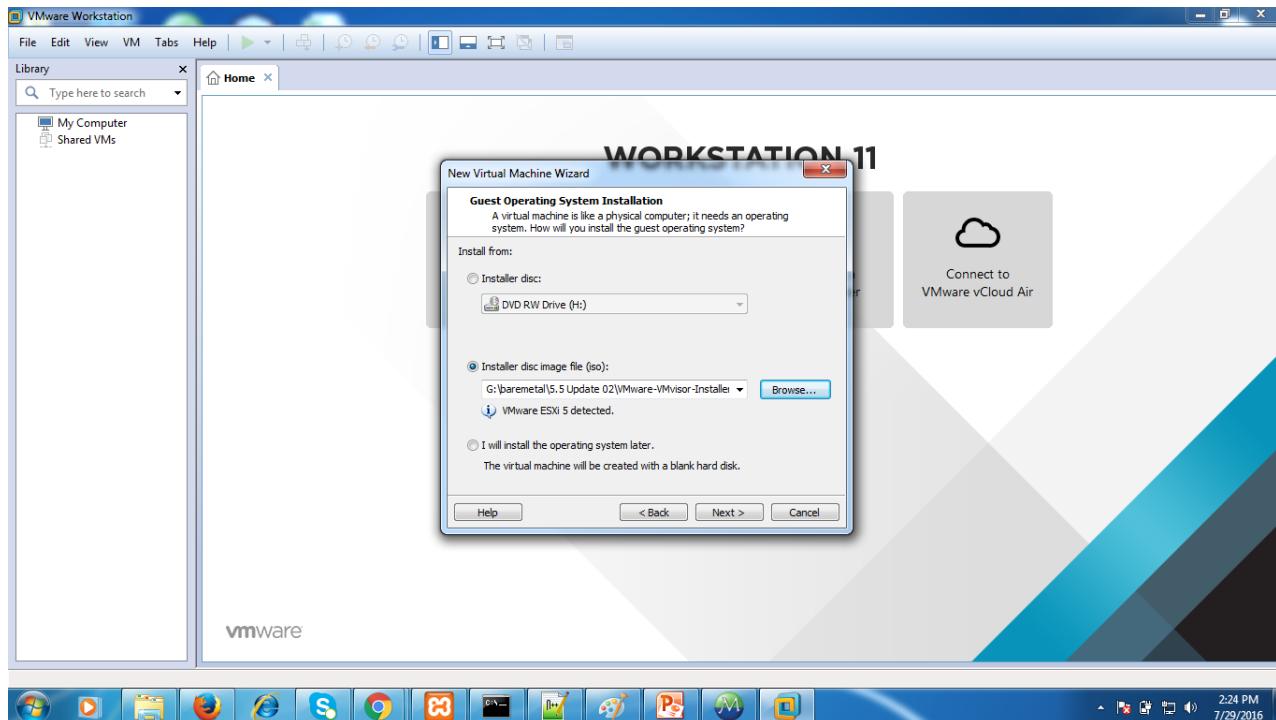
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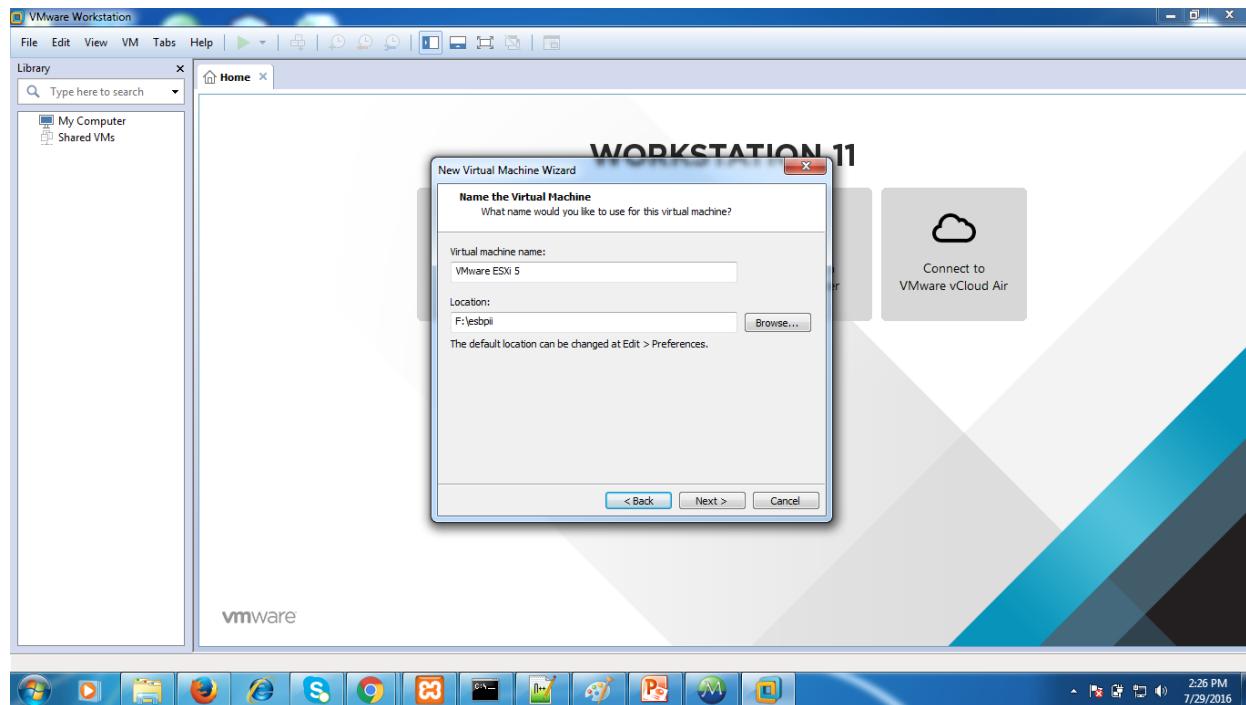
Step 01: Install the Baremetal Hypervisor



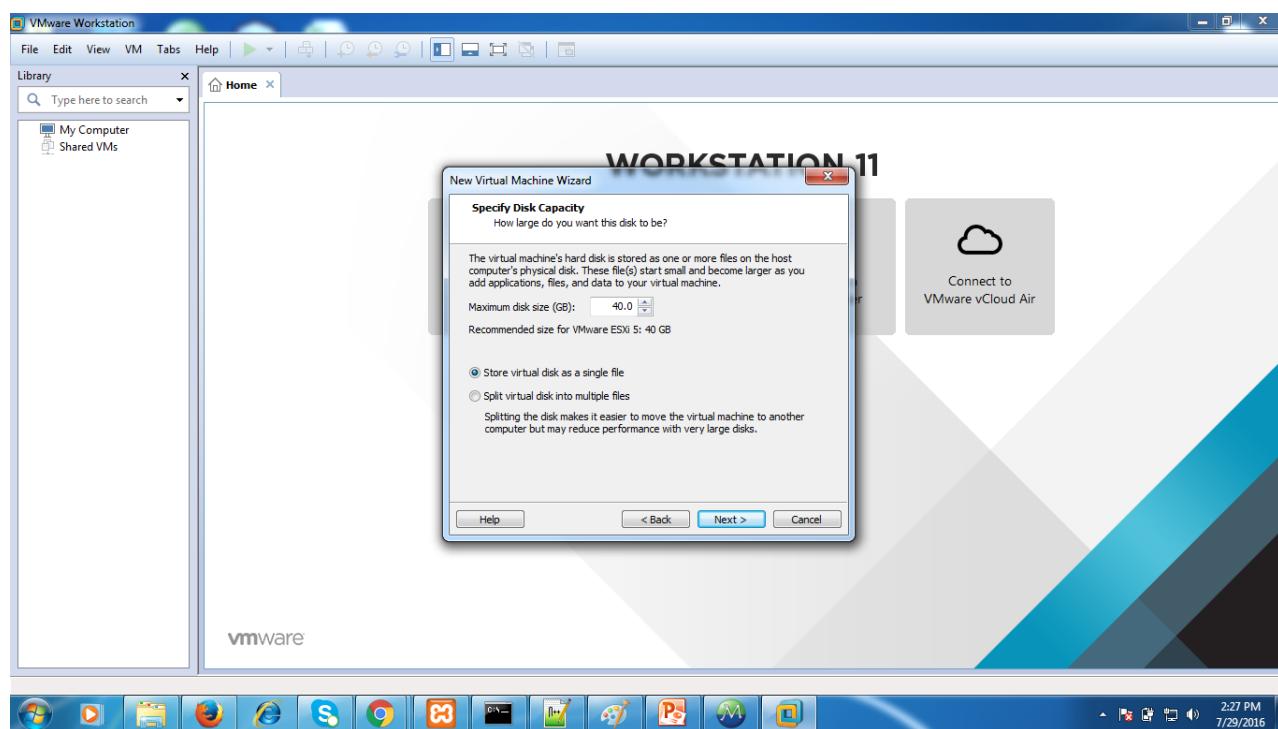
1. Select the Installer disc image file and browse the Baremetal iso file and click next.



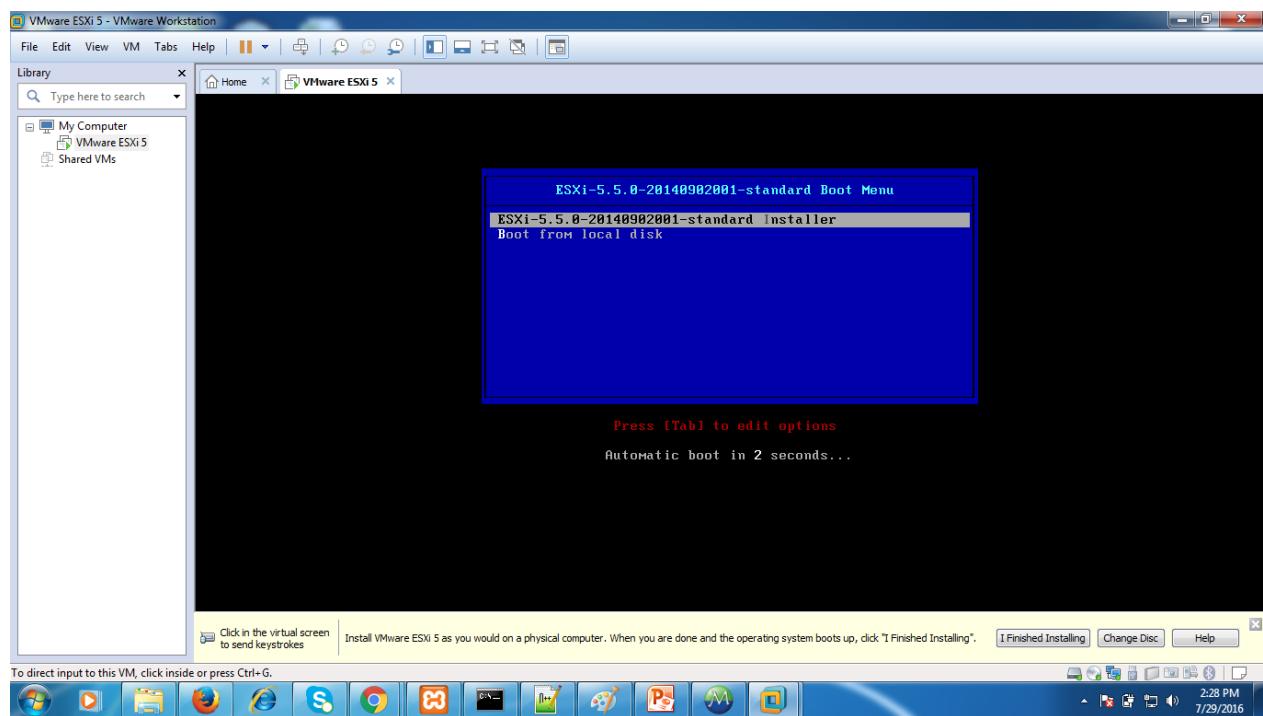
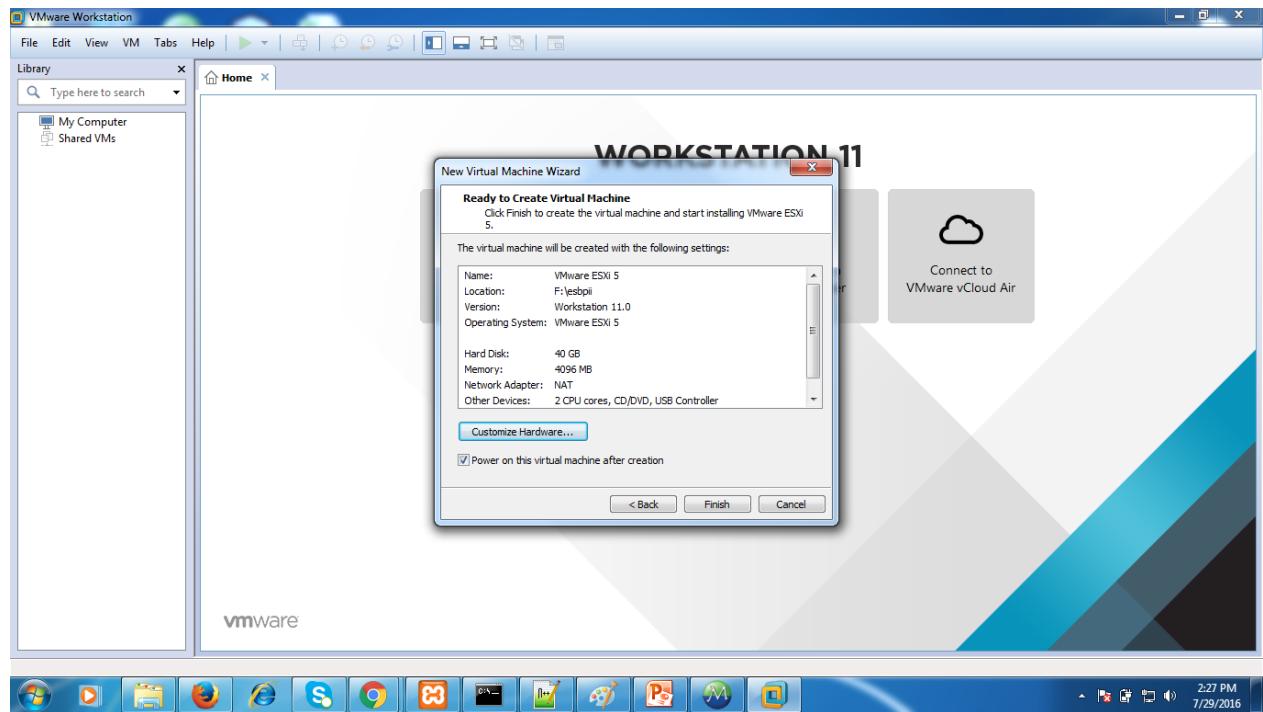
2. Then provide the location to install and the Name

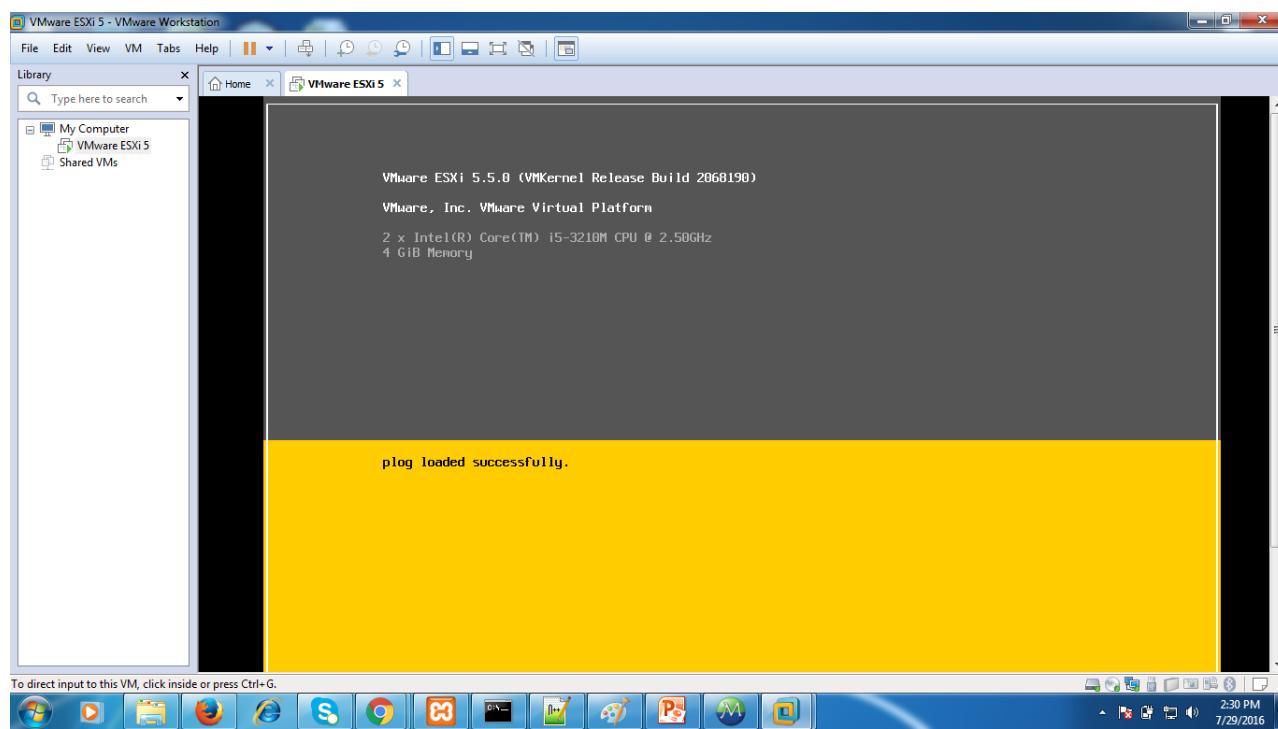
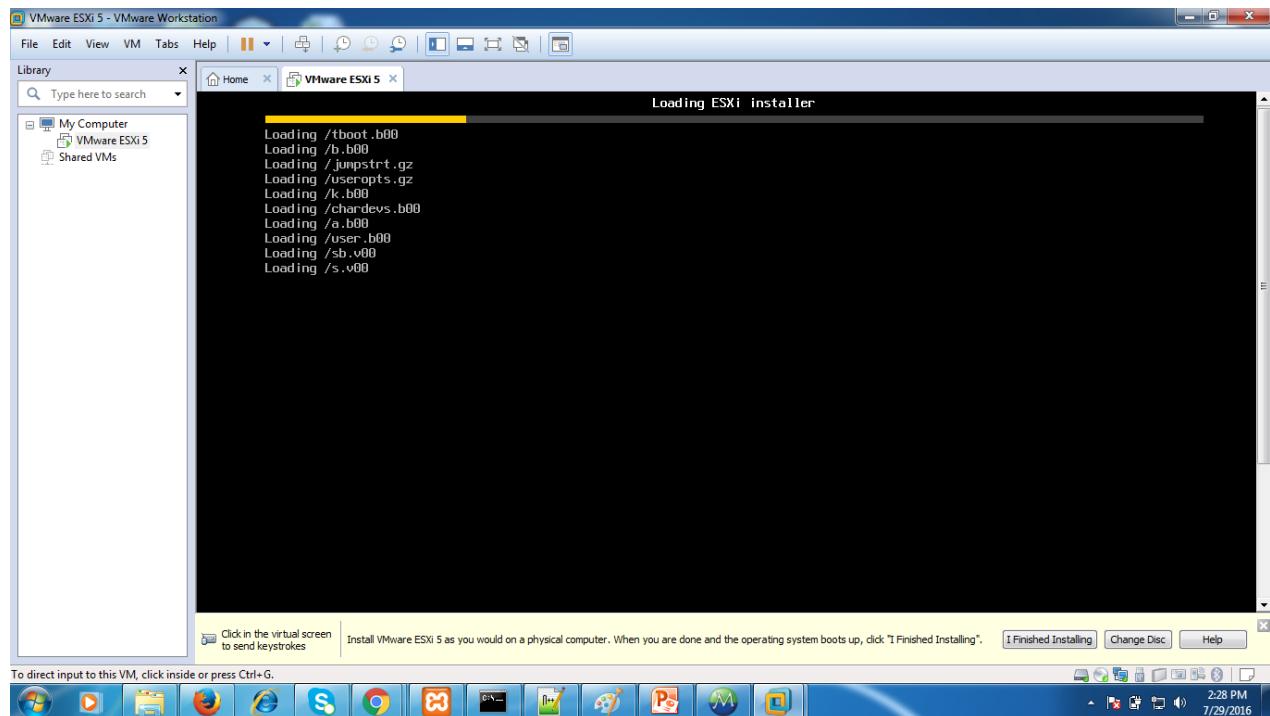


3. Select “Store virtual disk as a single file” and click next.

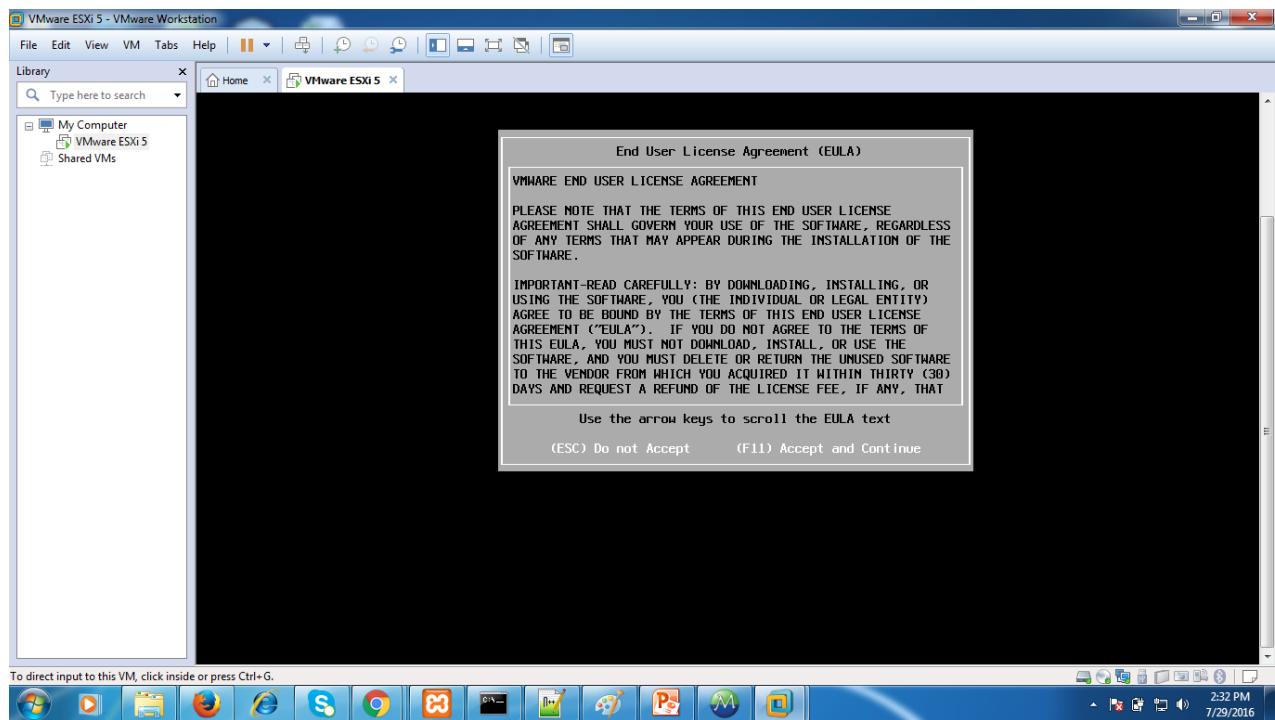
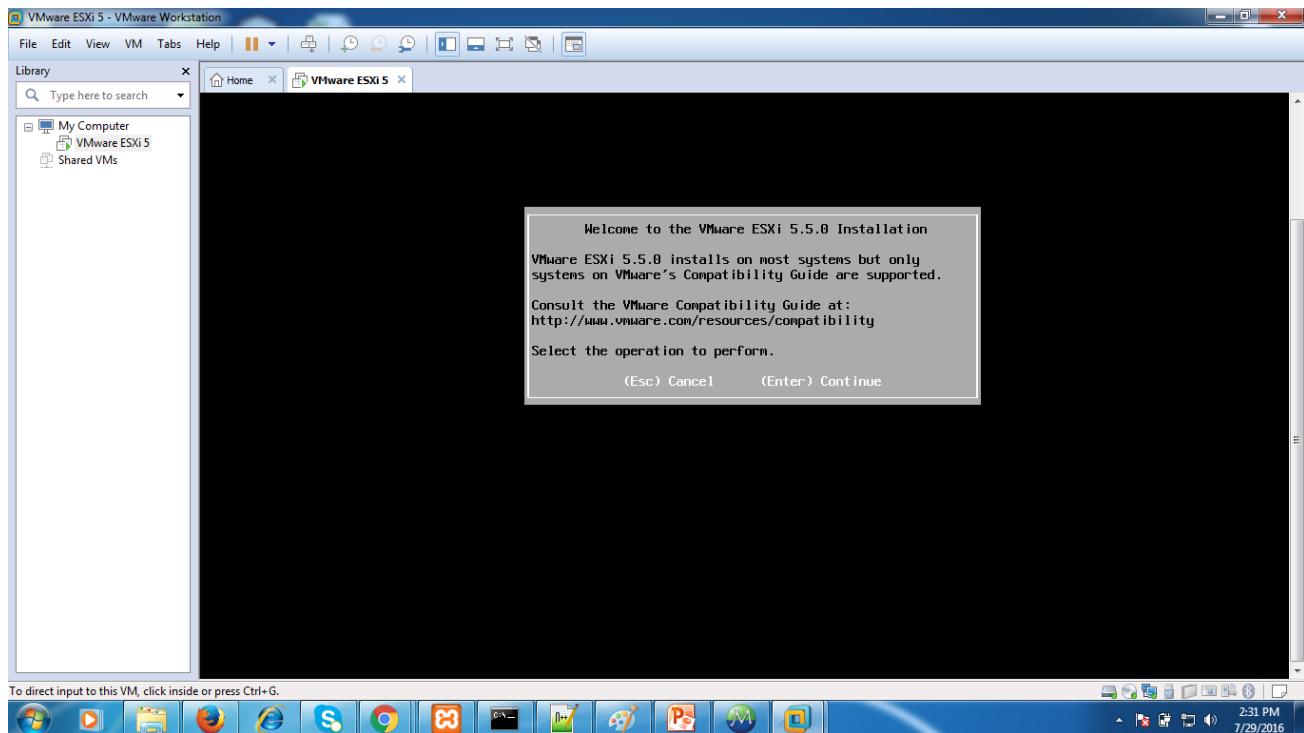


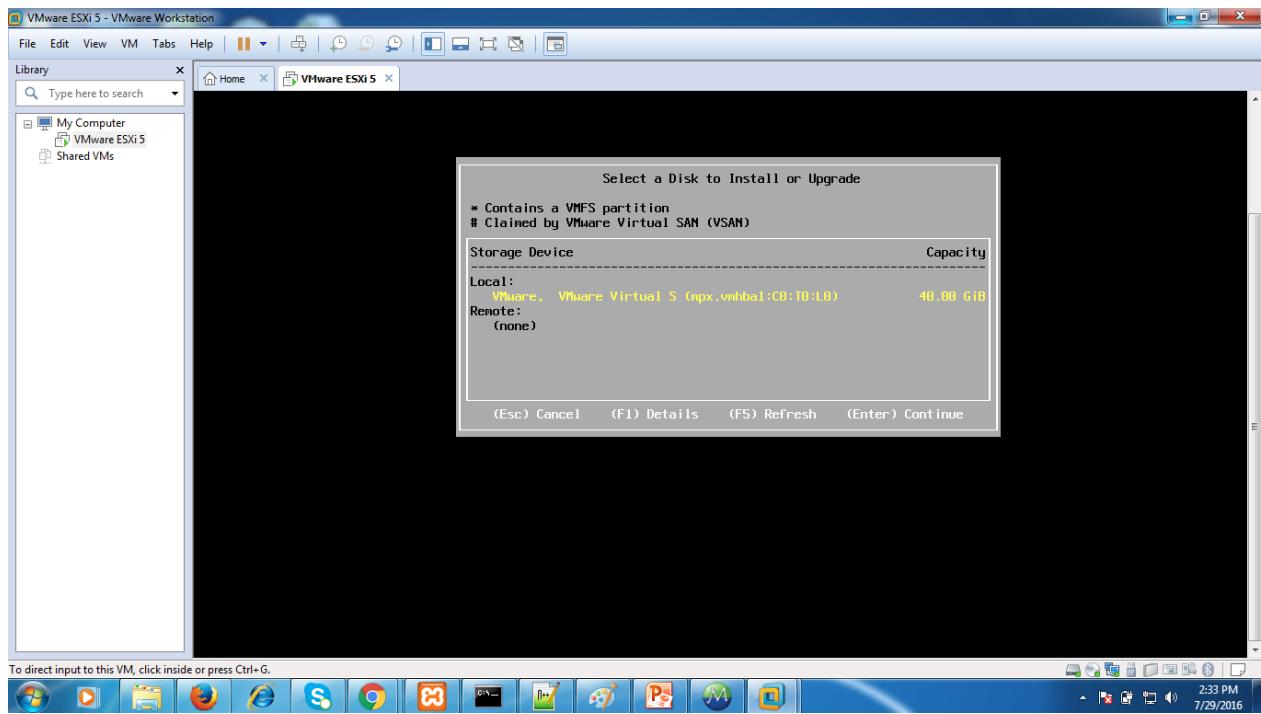
4. Click Finish to Install.



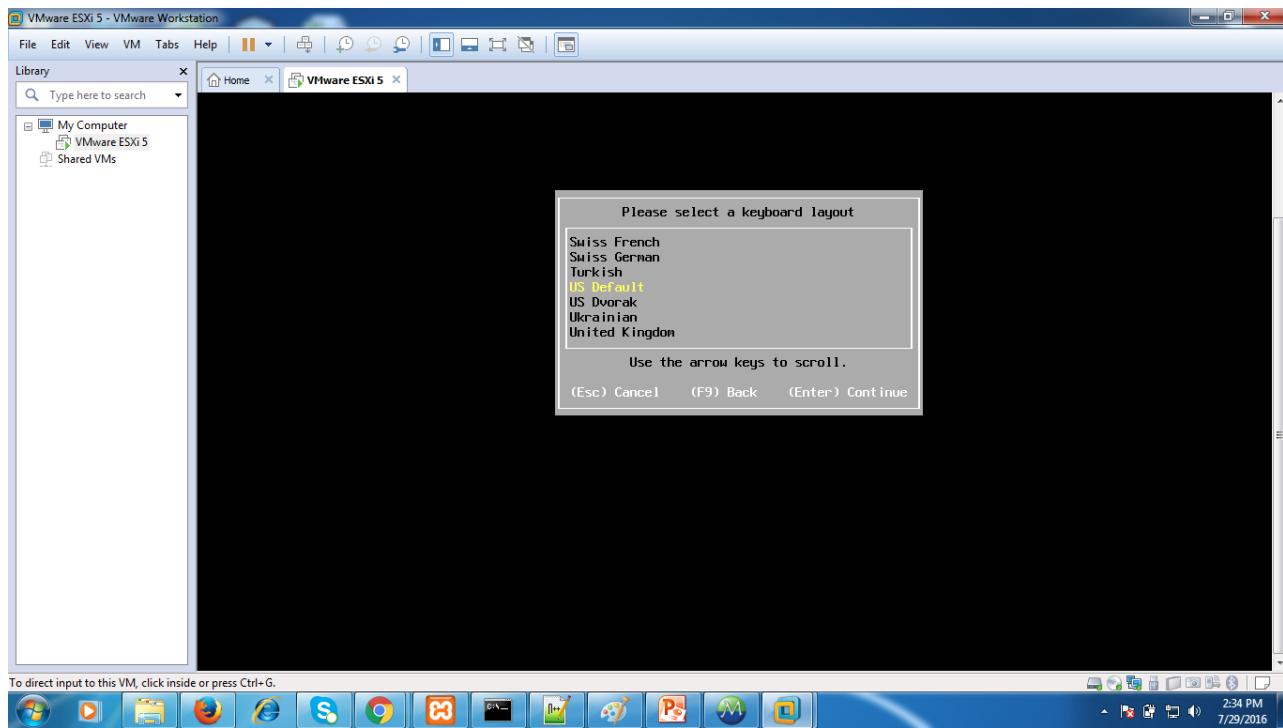


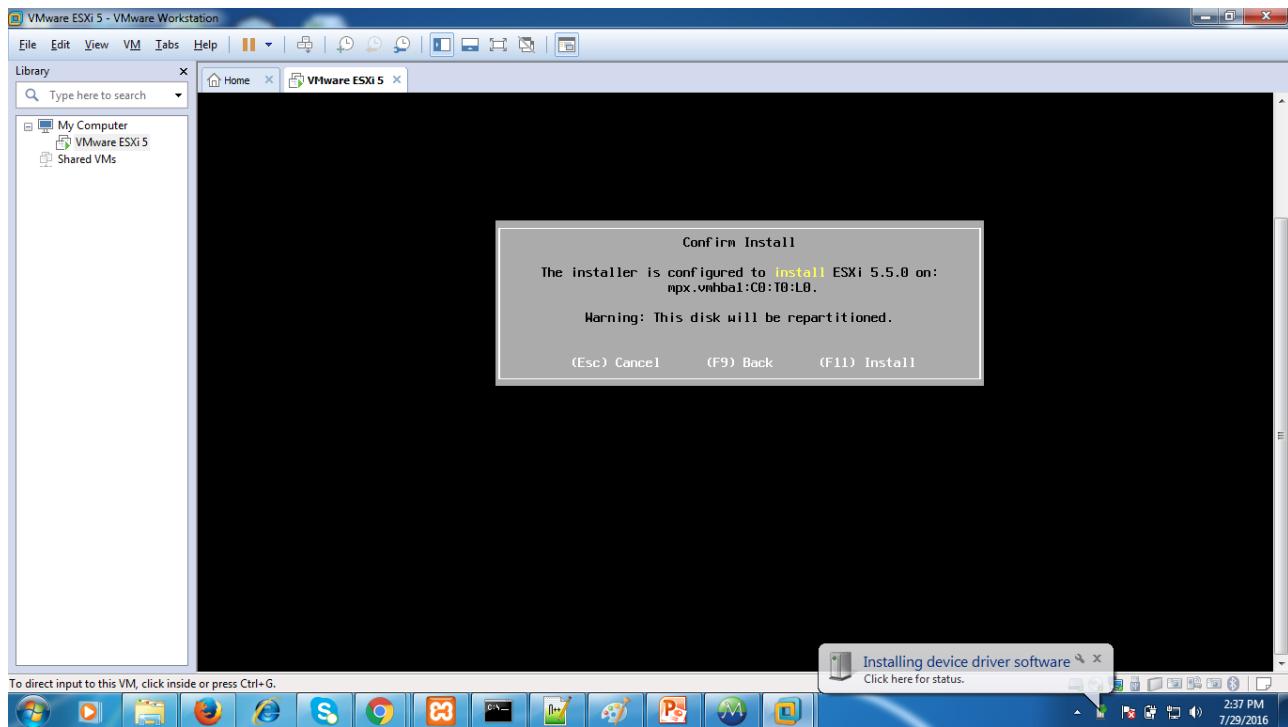
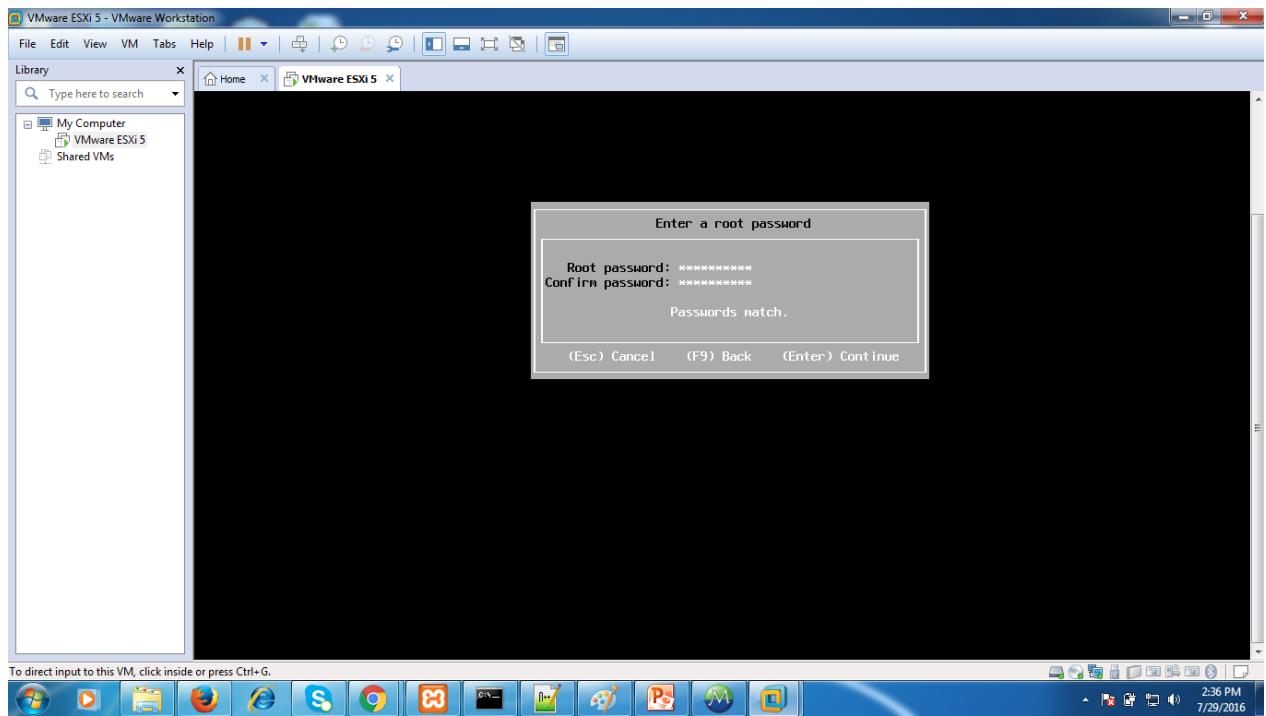
5. To install VMware Esxi 5.5. Press Enter to Continue and then Accept and Continue



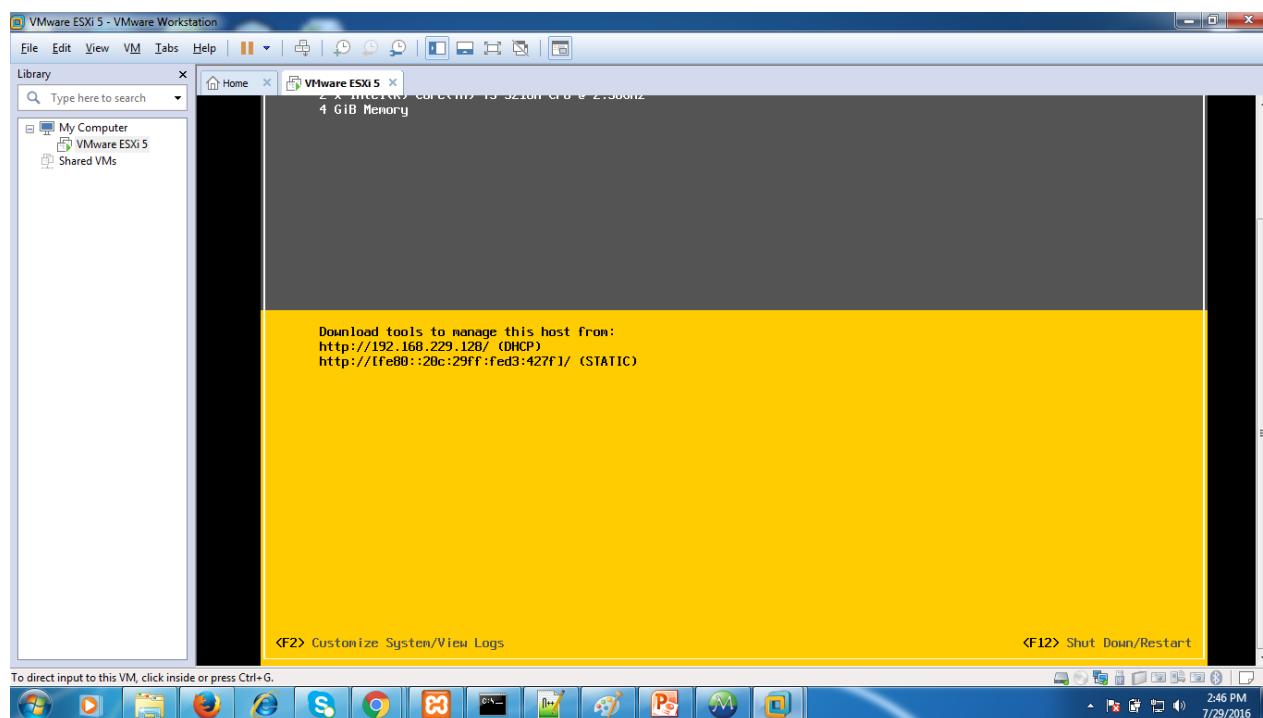
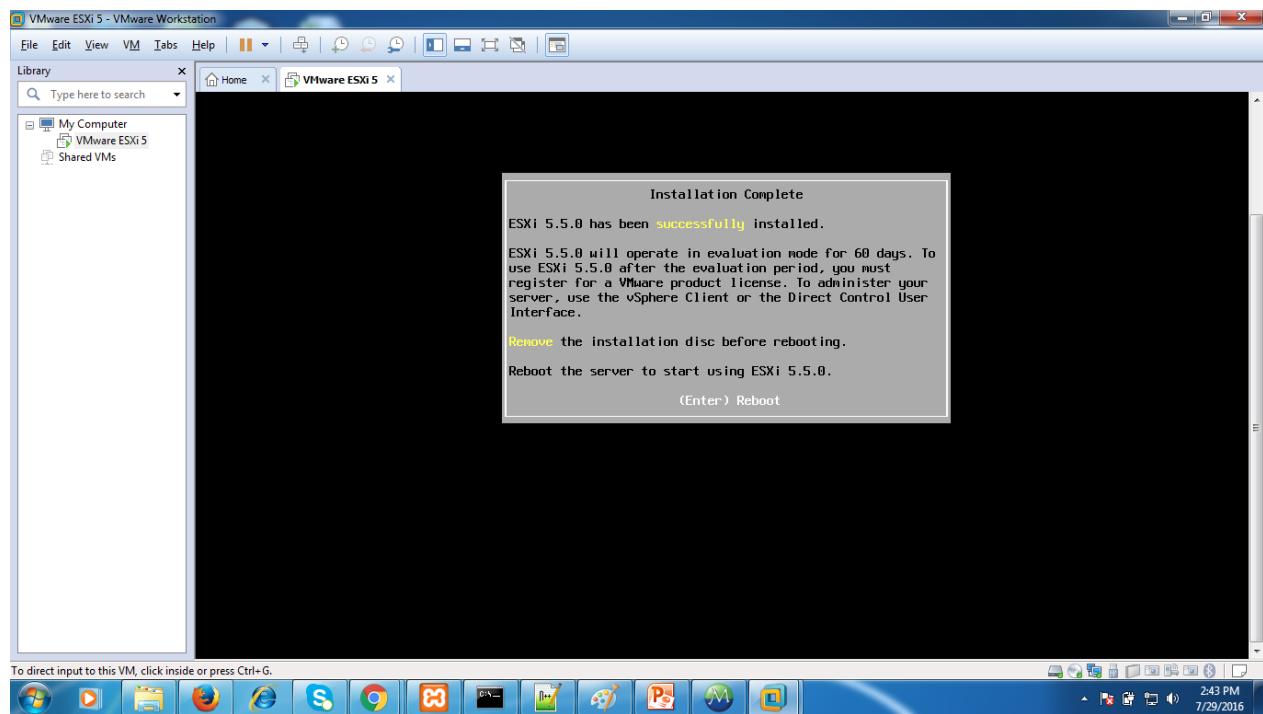


6. Select US Default provide root password.



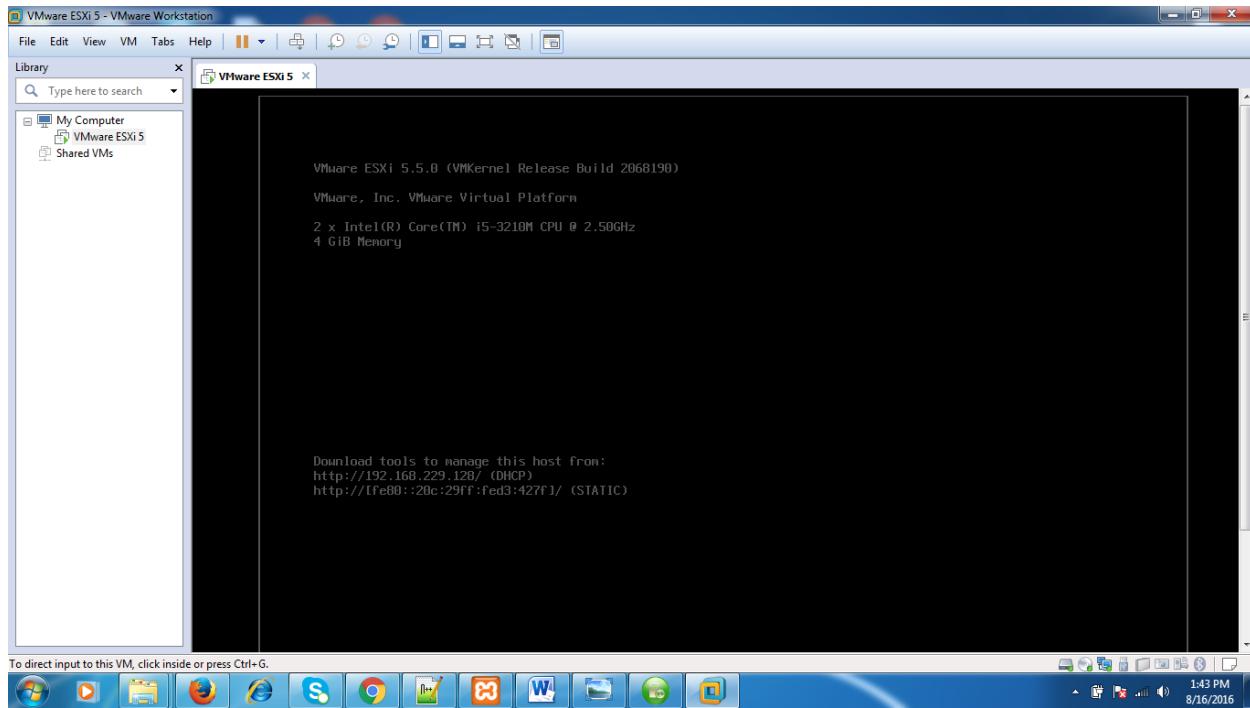


7. Successfully installed VMware Esxi 5.5



Step 02: Install VMware vSphere Client software and start it.

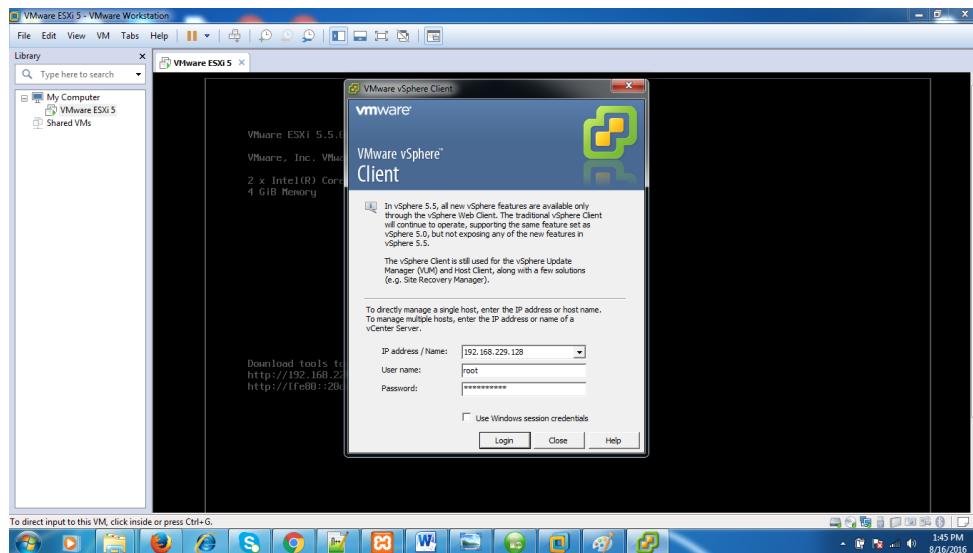
1. Power on ESXi 5.5 from VMware Workstation.



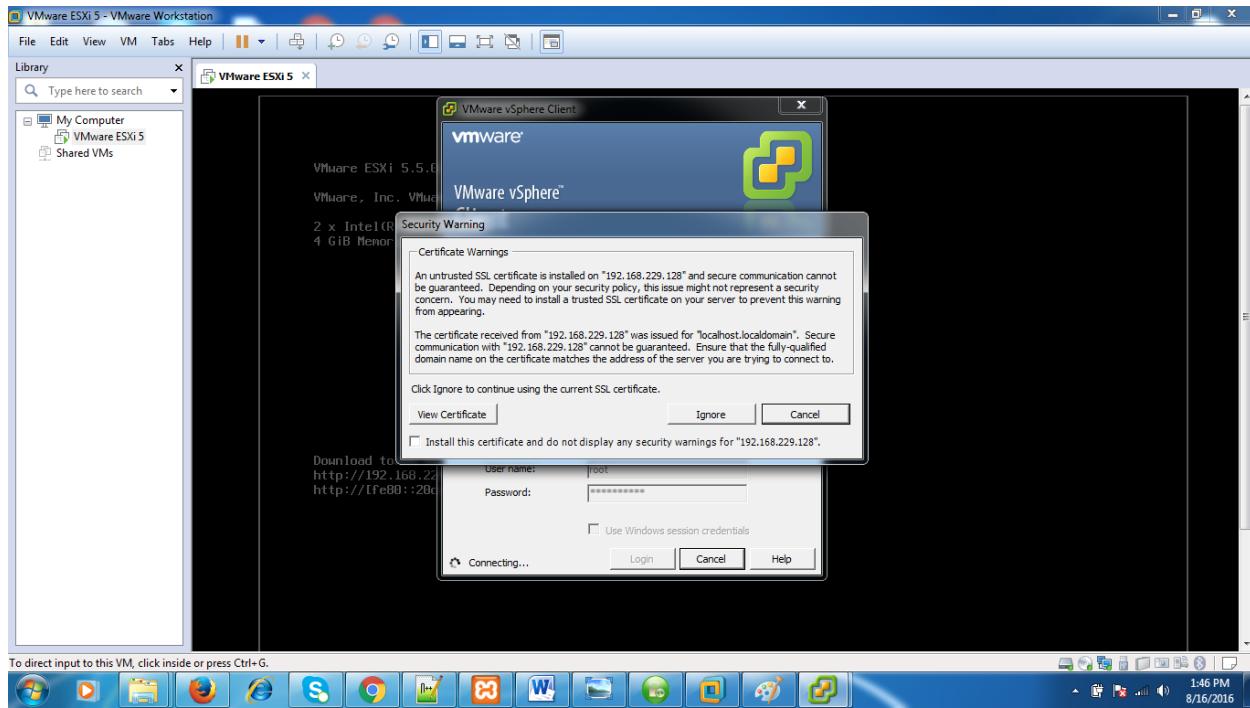
2. Install VMware vSphere Client software and start it.

Provide the IP address of ESXi 5 host, the root username and password.

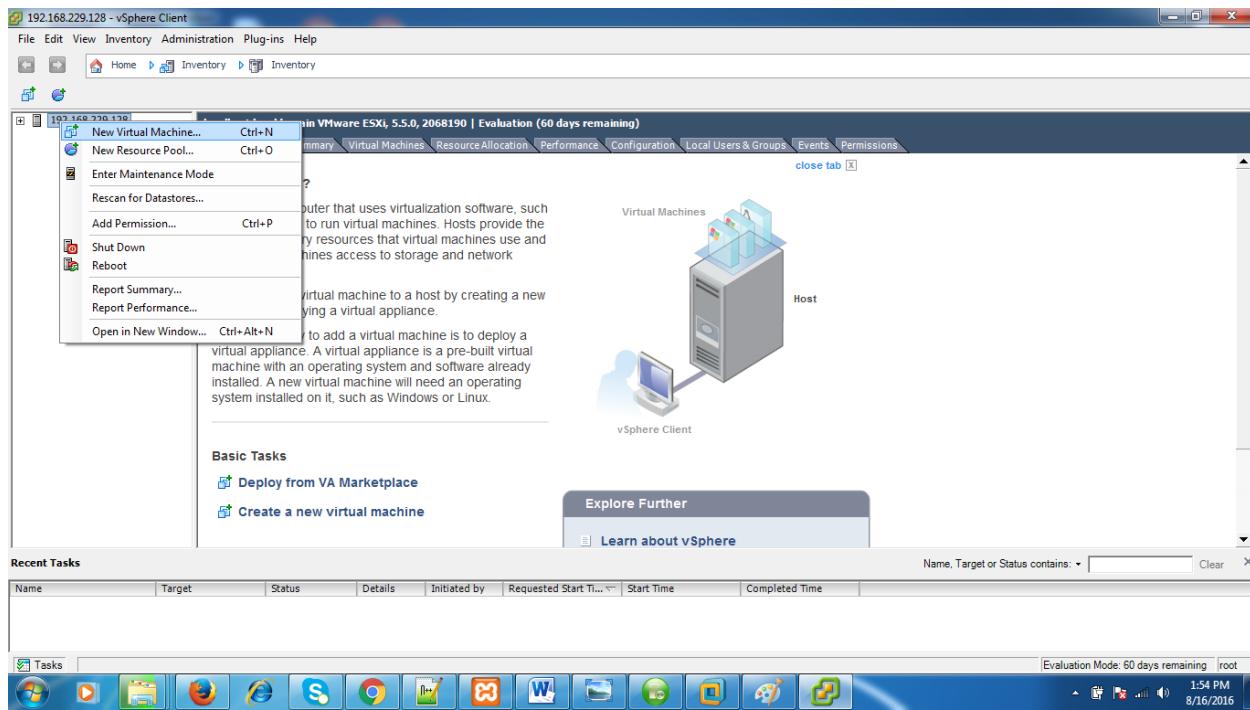
Click 'Login'.



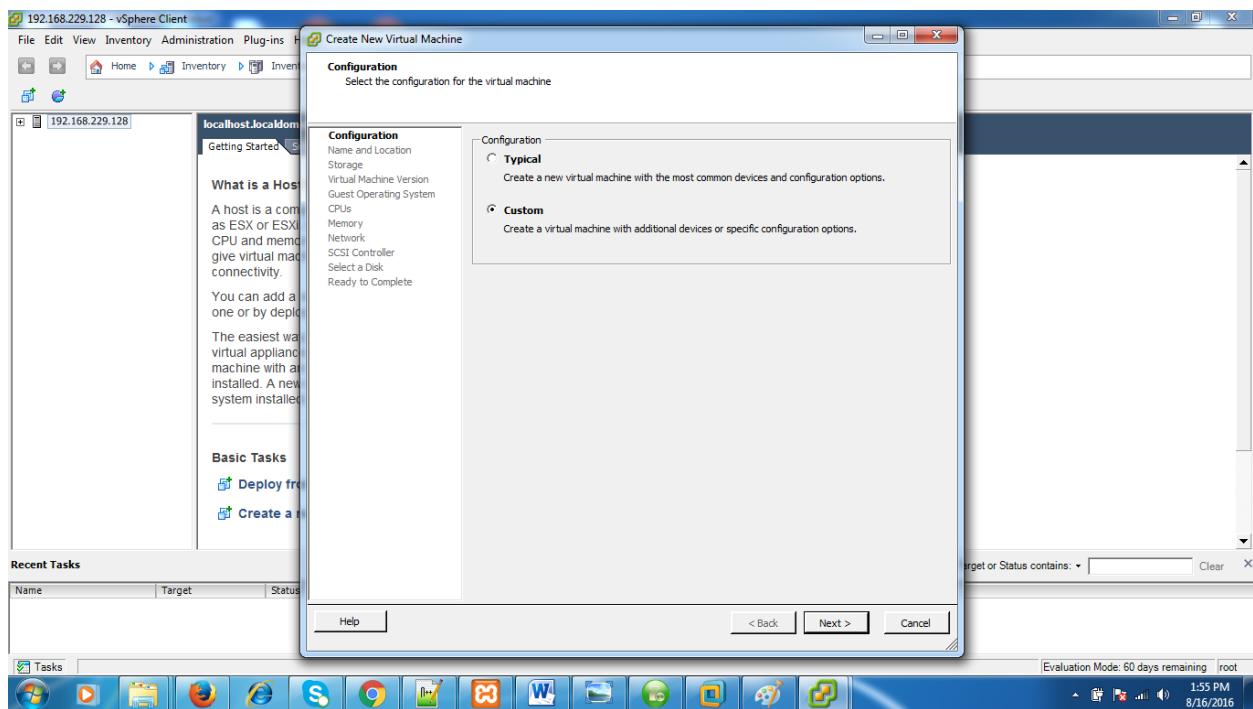
3. Ignore the SSL certificate security warning.



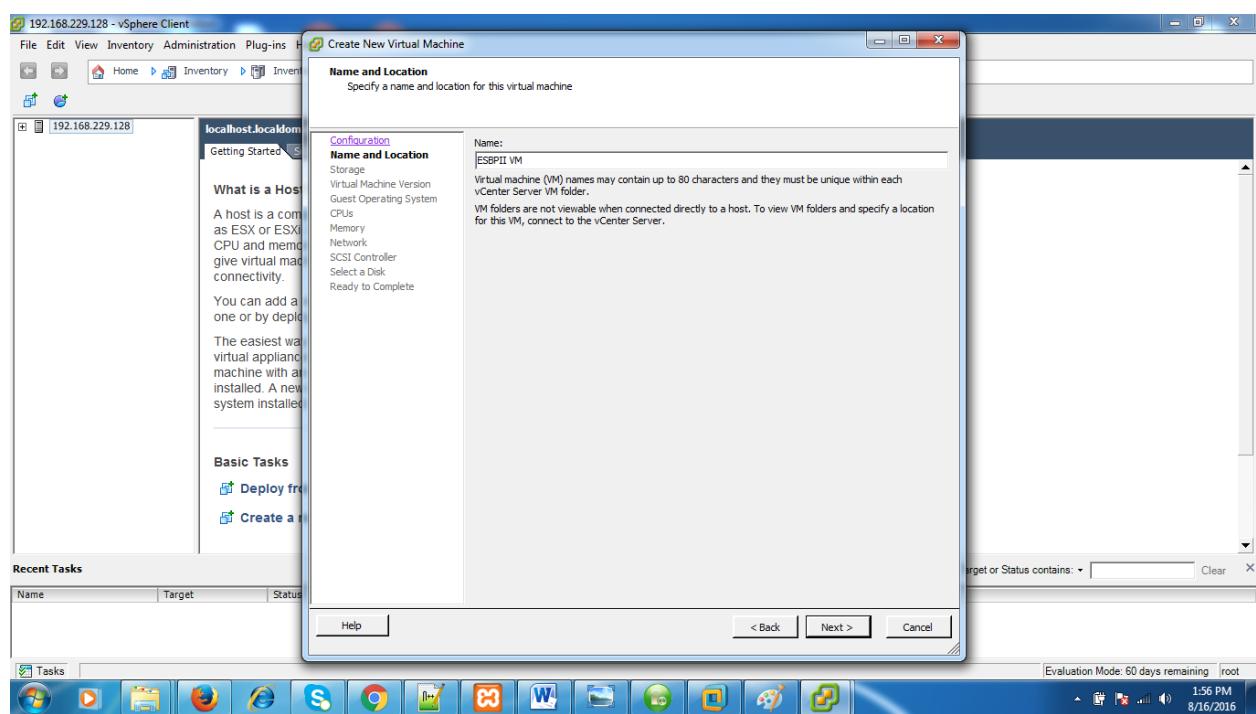
4. Right click on the host and choose 'New Virtual Machine'.



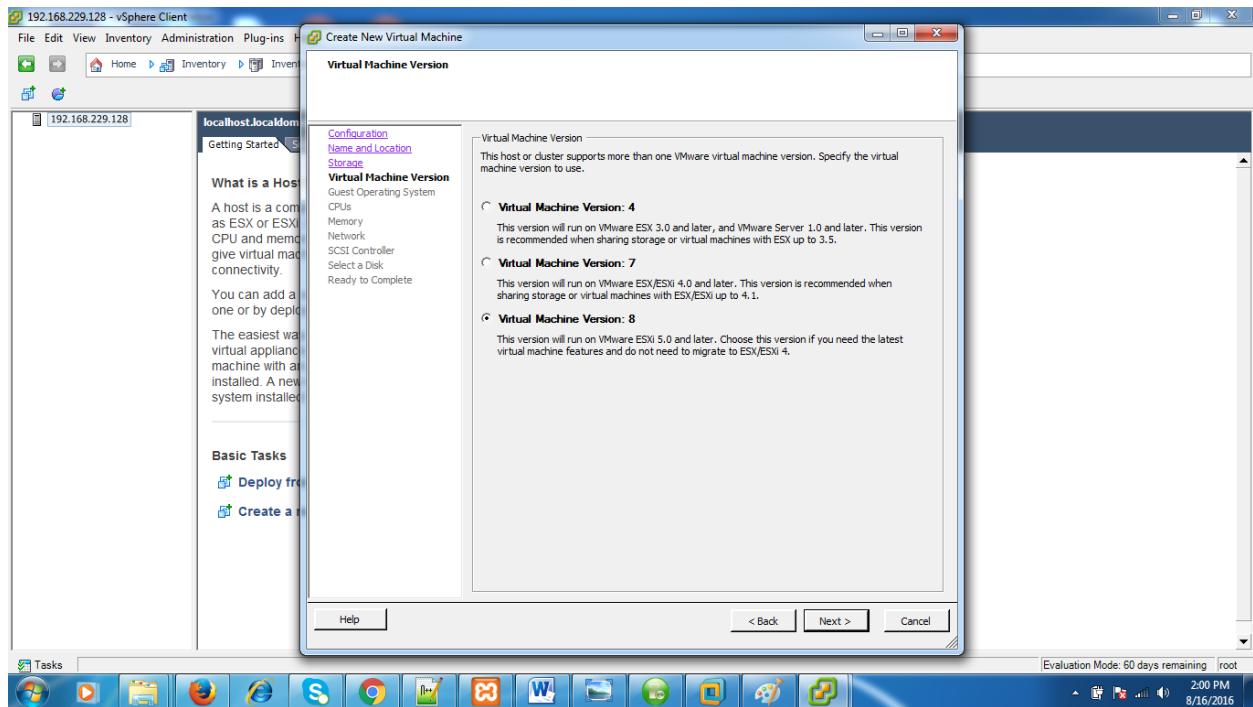
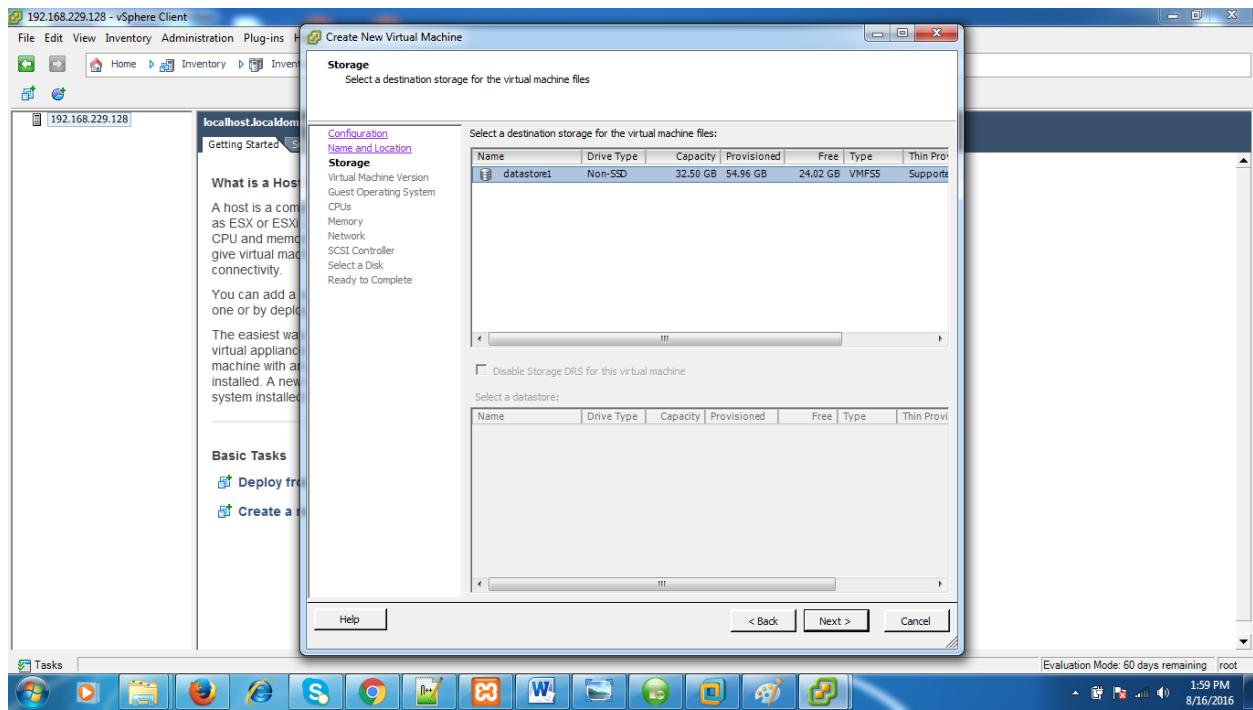
5. Select ‘Typical’ under ‘Configuration’ and click ‘Next’.



6. Provide a name for the virtual machine and click ‘Next’.

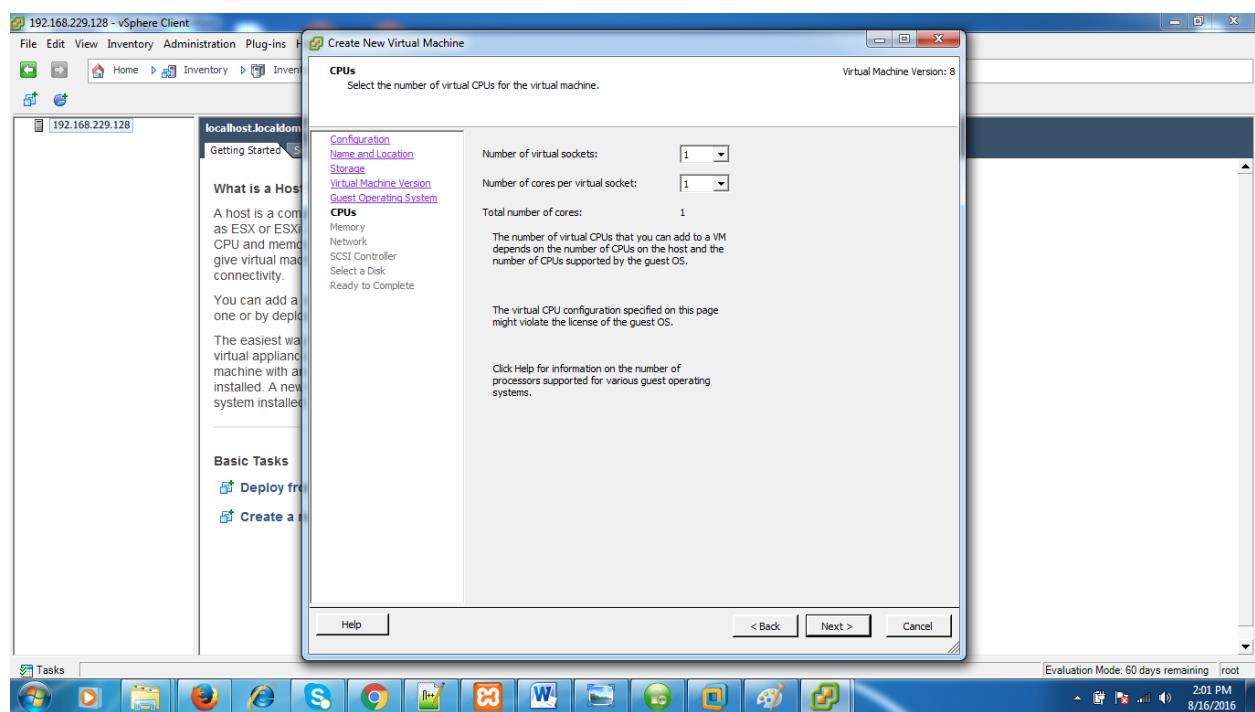
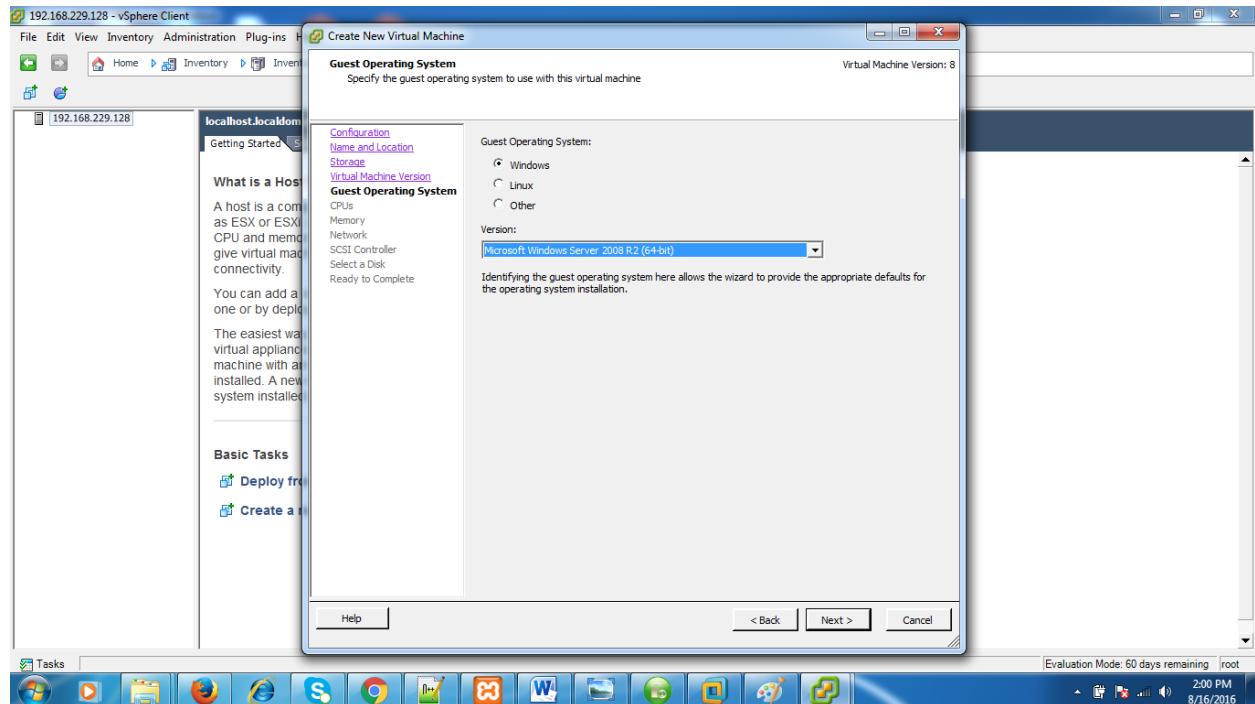


7. Click 'Next' on 'Storage' section.

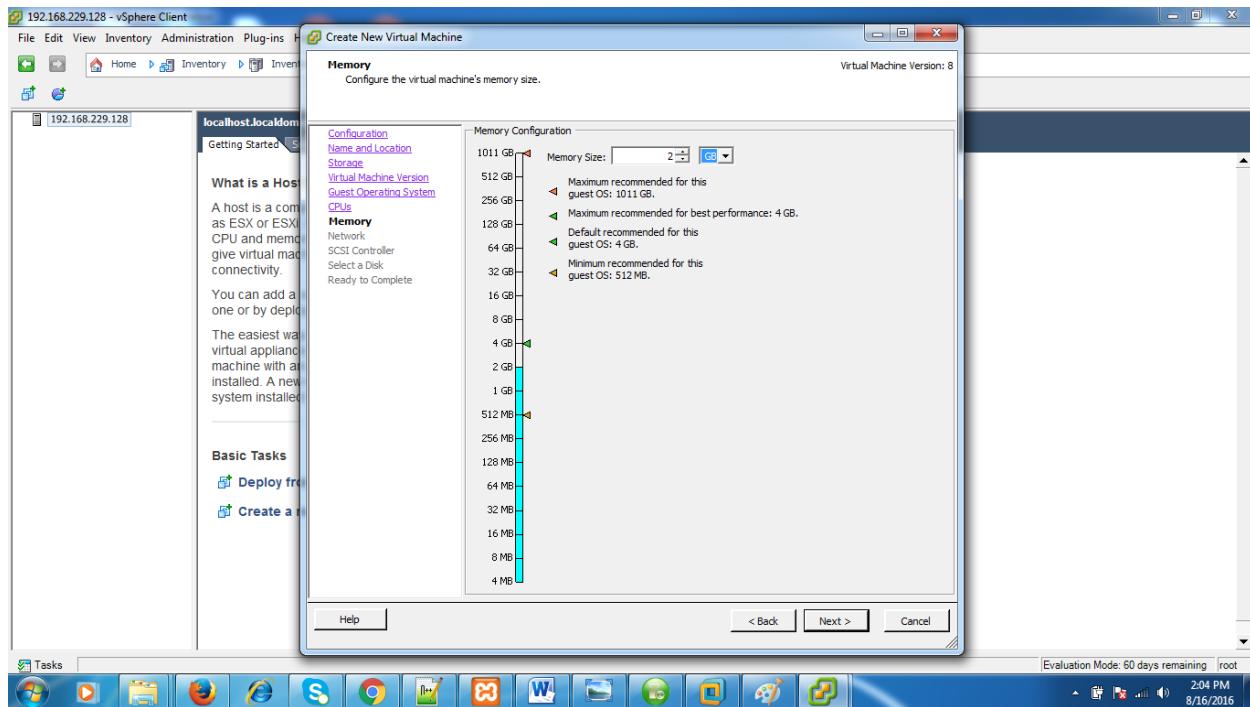


8. Select ‘Linux’ under ‘Guest Operating System’.

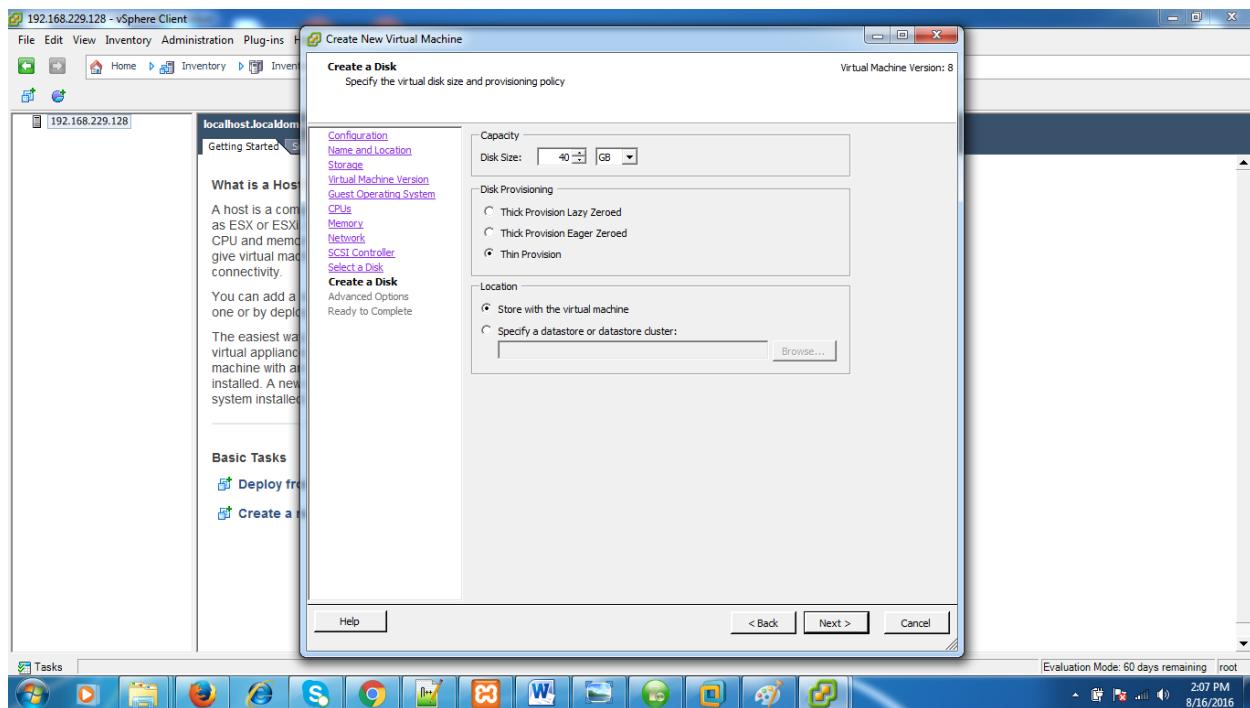
Choose ‘Other Linux (64-bit)’ and click ‘Next’.

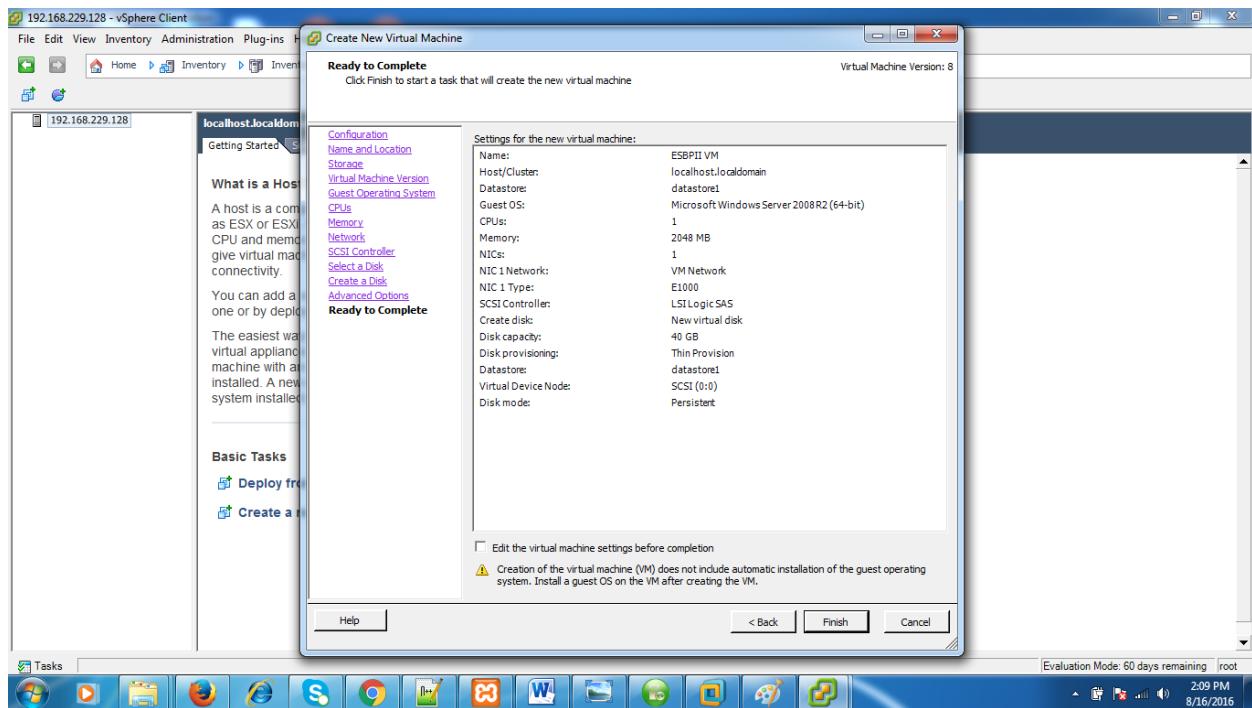


9. Configure the required memory size.

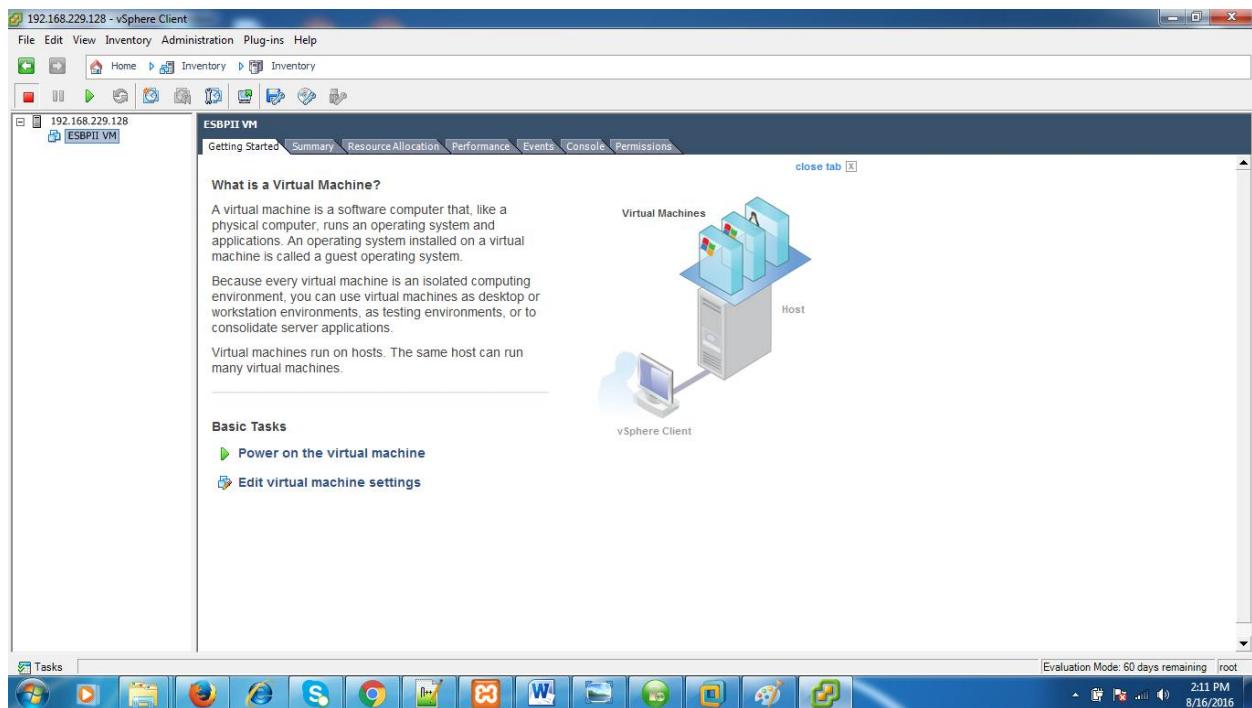


10. Select ‘Thin Provision’ on ‘Create a Disk’ section and click ‘Next’ and then click to Finish.





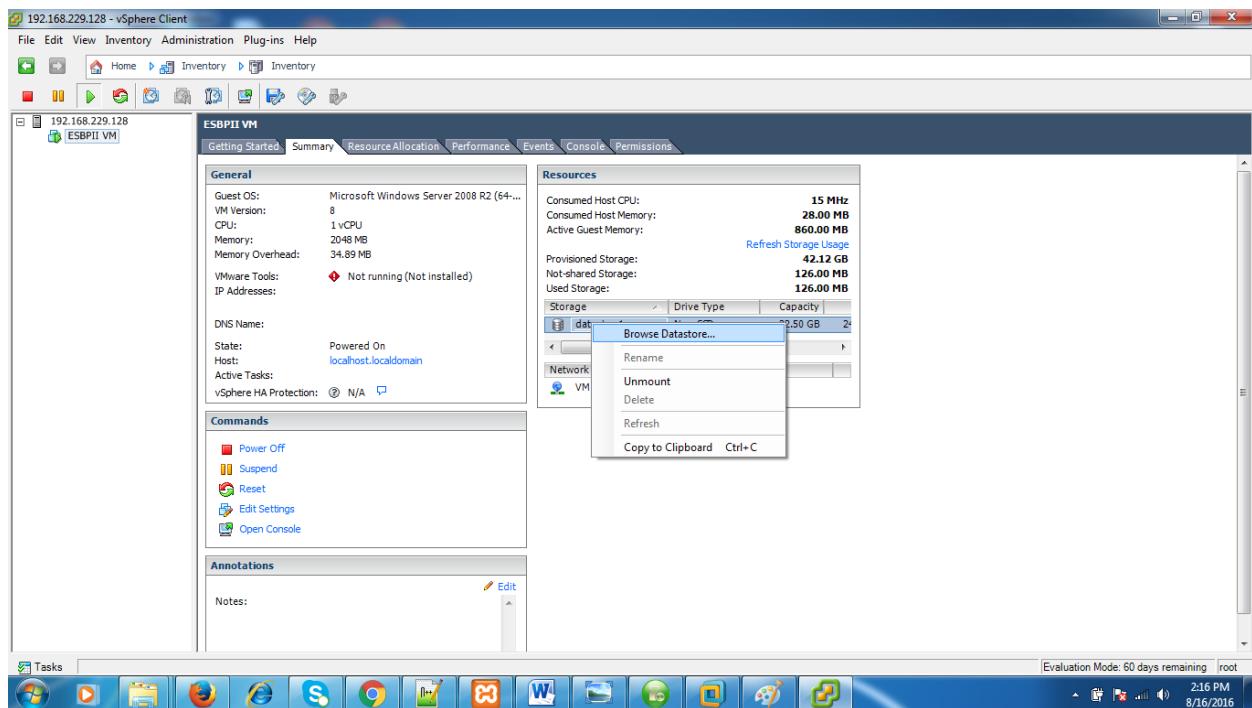
11. Successfully created the virtual machine and then power on.



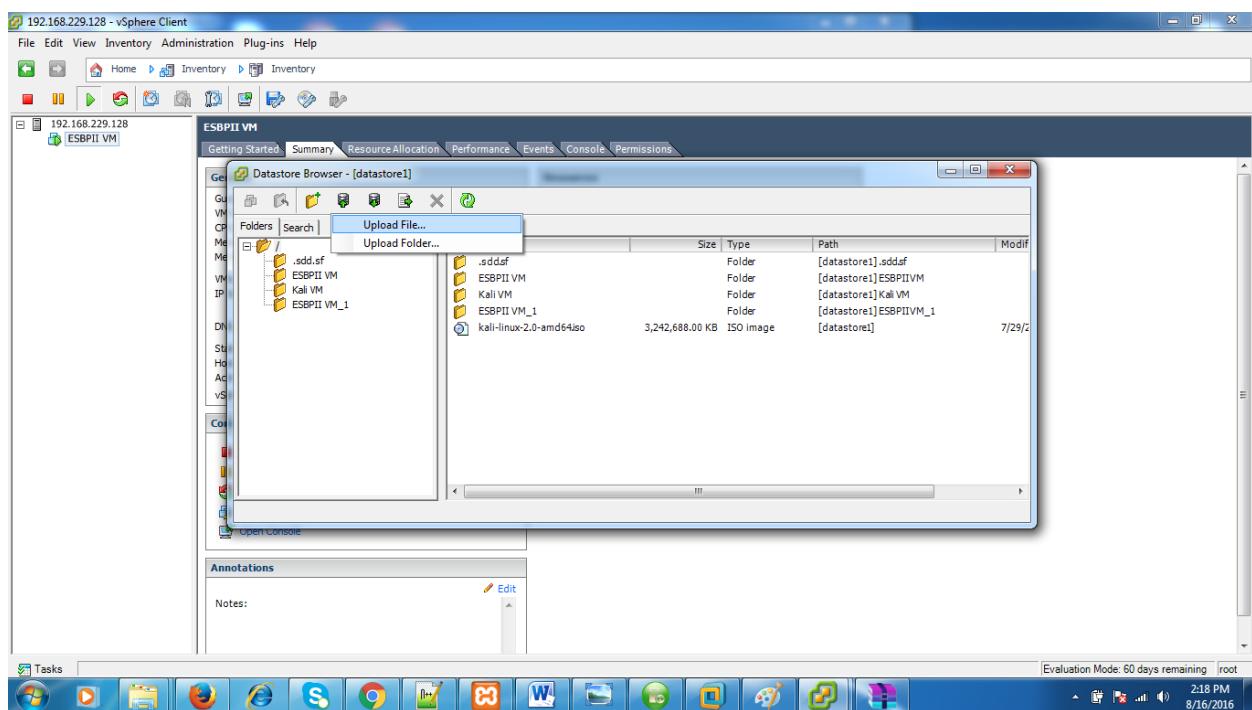
Step 03: Install Kali

1. Go to the ‘Summary’ tab.

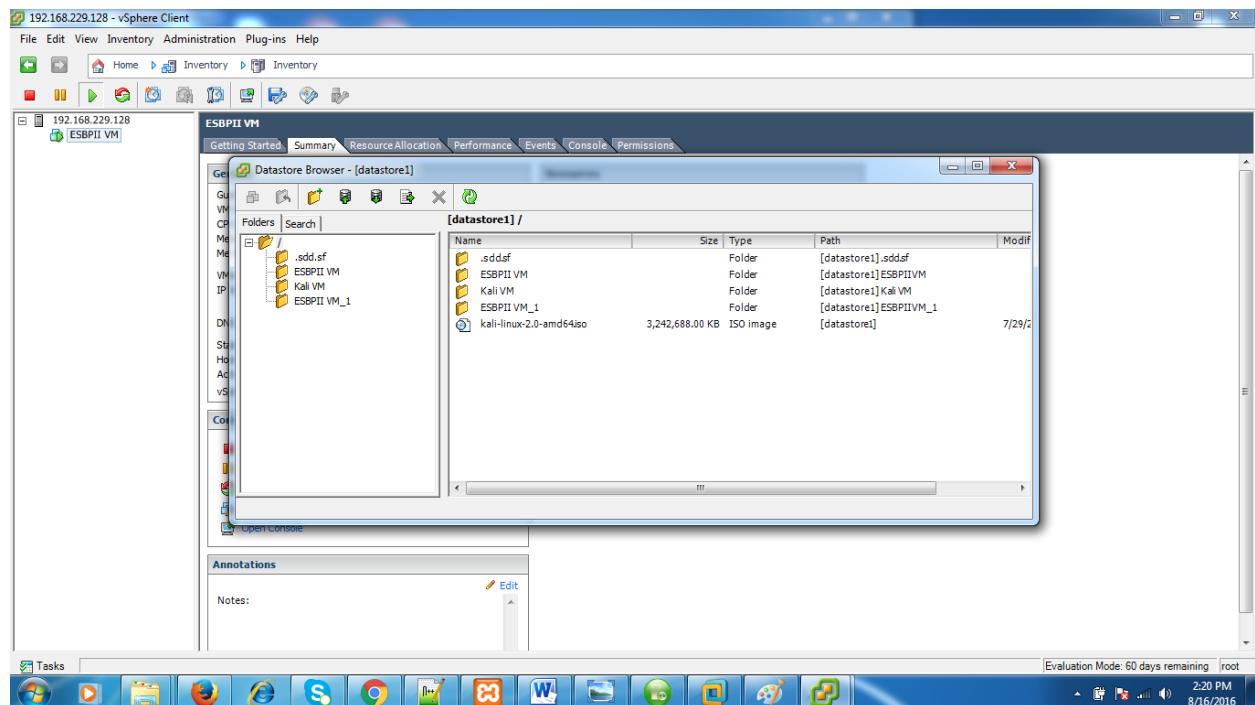
Right click on ‘datastore1’ from ‘Storage’ category and choose ‘Browse Datastore...’



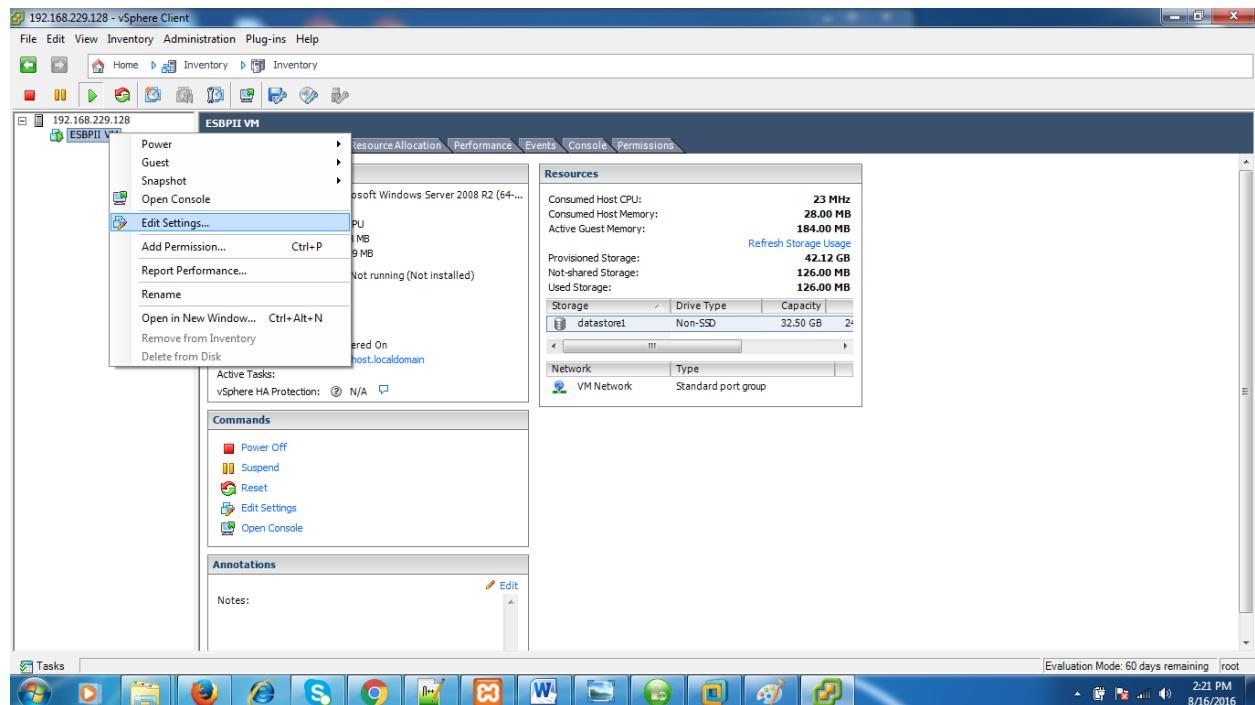
2. Choose ‘Upload File’ from ‘Upload files to this datastore’ icon.



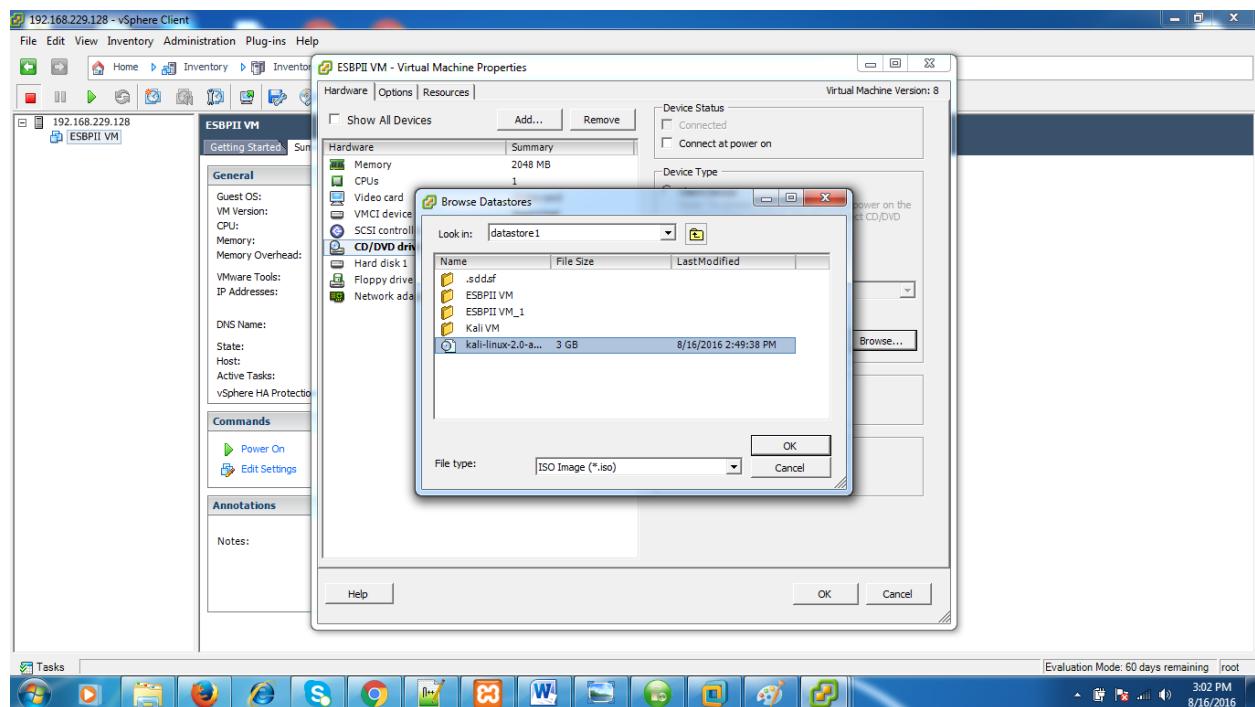
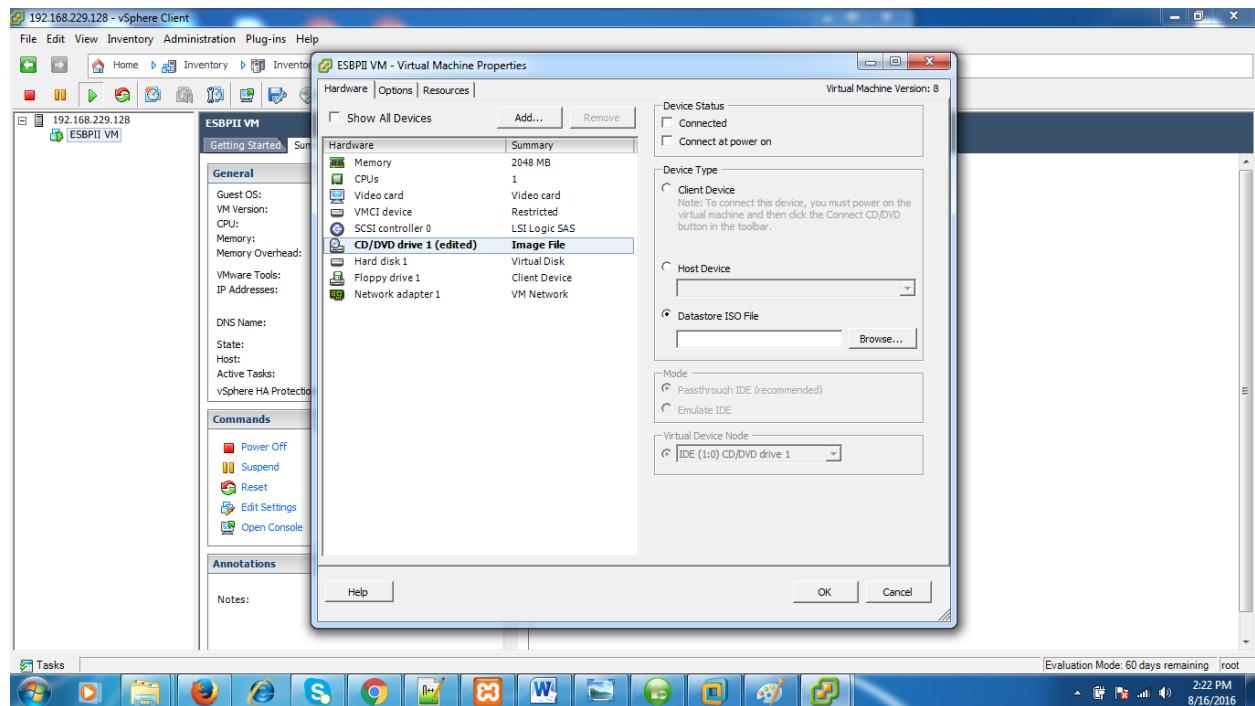
3. Browse for the ISO file of an OS and open it.
Then close the window after uploading is finished.



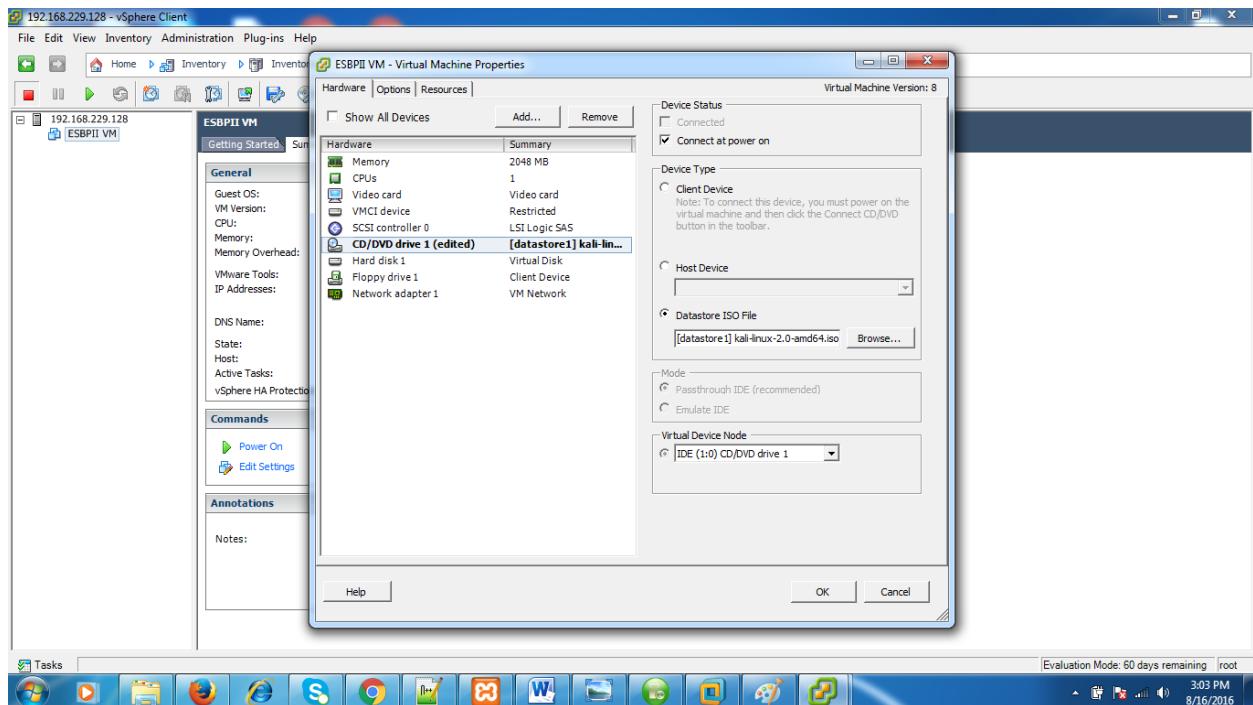
4. Right click on the created virtual machine and choose 'Edit Settings...'



5. Select ‘CD/DVD drive 1’ and choose ‘Datastore ISO File’.
 Browse for the ISO file from the datastore.

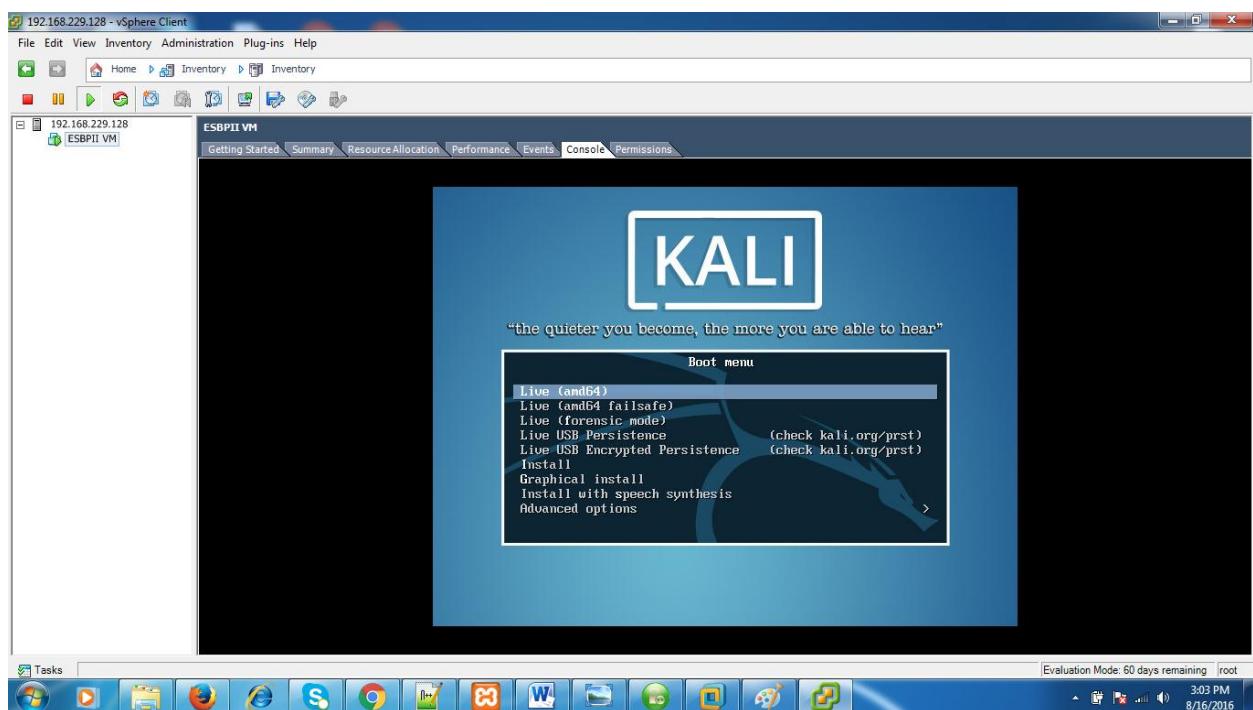


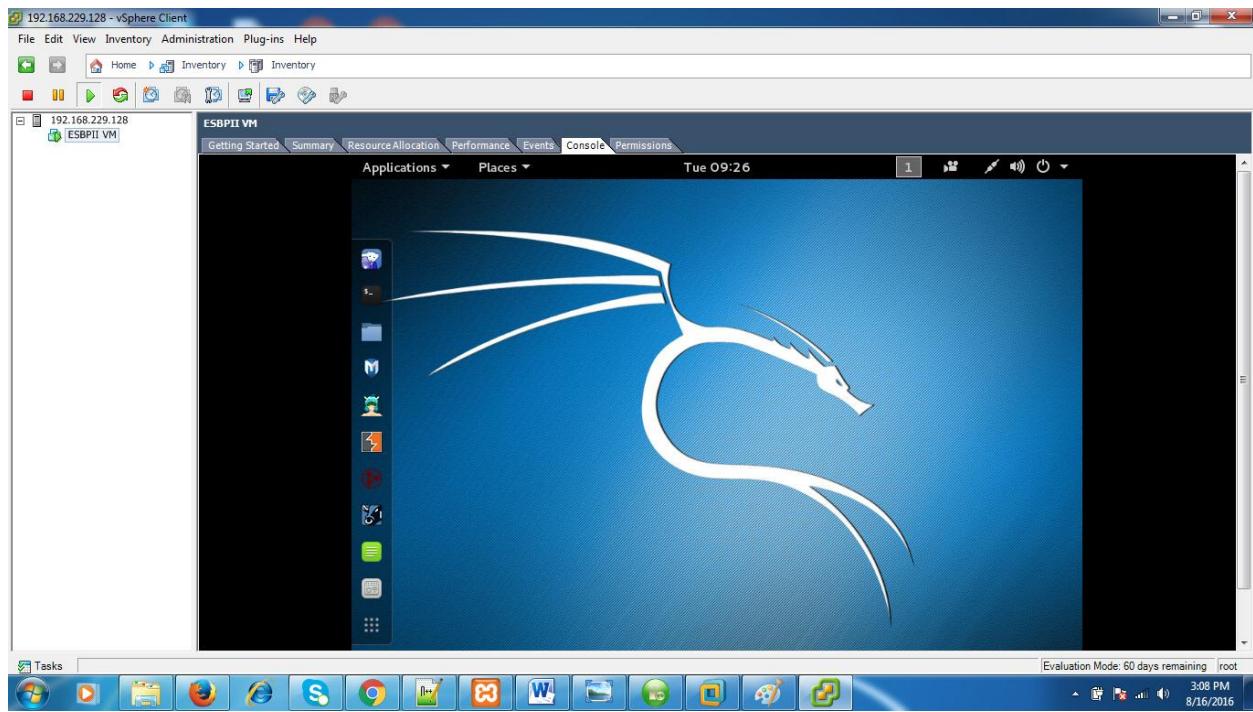
6. Select ‘Connect at power on’ from ‘Device Status’ and click ‘OK’.



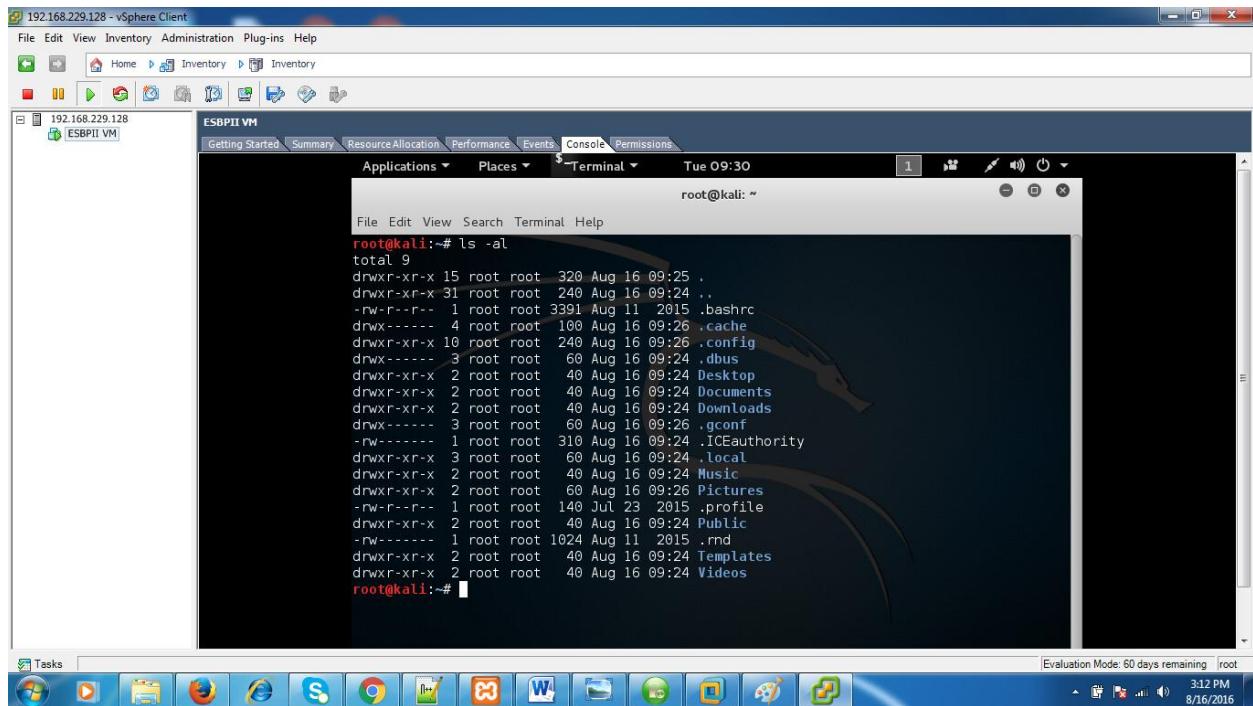
7. Go to the ‘Console’ tab and choose ‘Live (amd64)’.

Press ‘Enter’ to start installing ‘Kali’ on the created virtual machine.





8. Open the terminal and type commands to check functioning.



9. Power off the Virtual machine and Shutdown the Exsi5