

Enterprise Standards and Best Practices for IT Infrastructure

Creating a Virtual Machine on the Hypervisor

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Lab Report - 5

Sri Lanka Institute of Information Technology

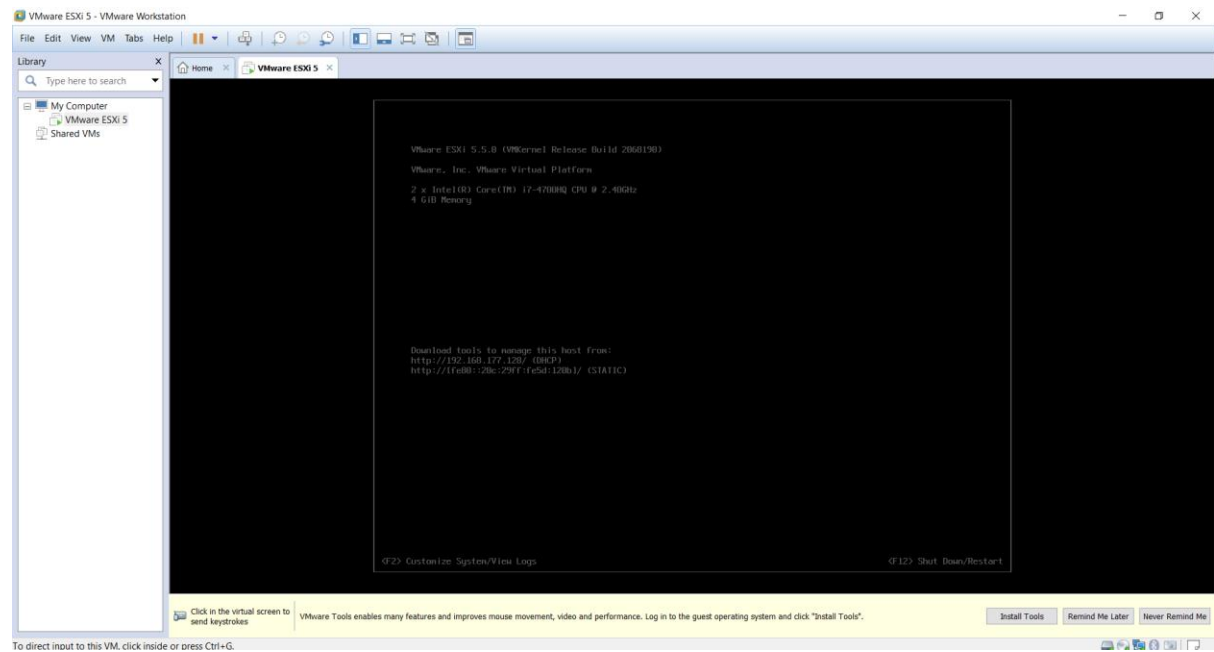
B.Sc. Special (Honors) Degree in Information Technology

Specialized in Information Technology

Creating a Virtual Machine on the Hypervisor

Step 01

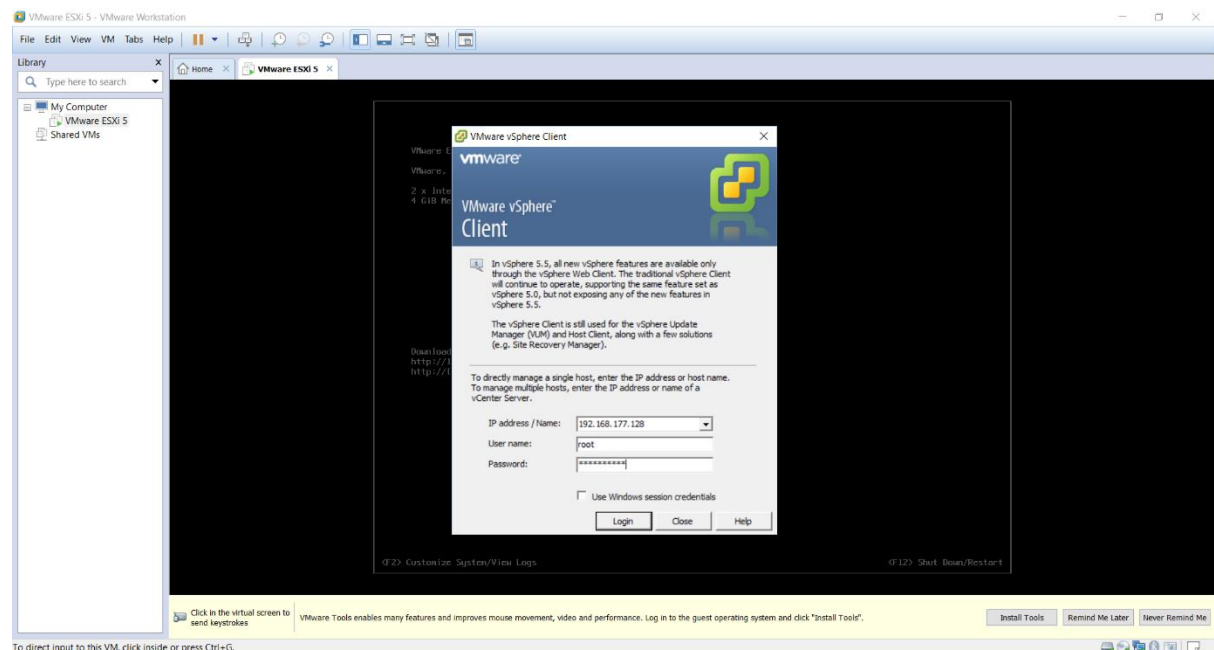
Power ON ESXi 5 from VMware Workstation.



Step 02

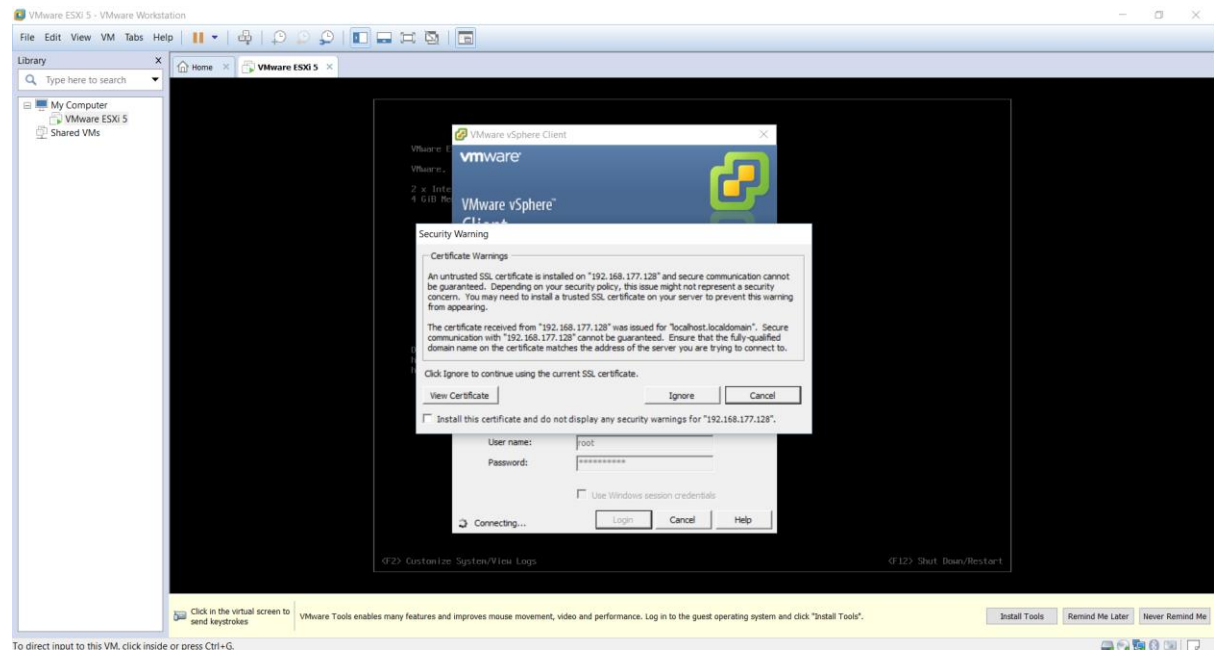
Install VMware vSphere Client software and Start.

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



Step 03

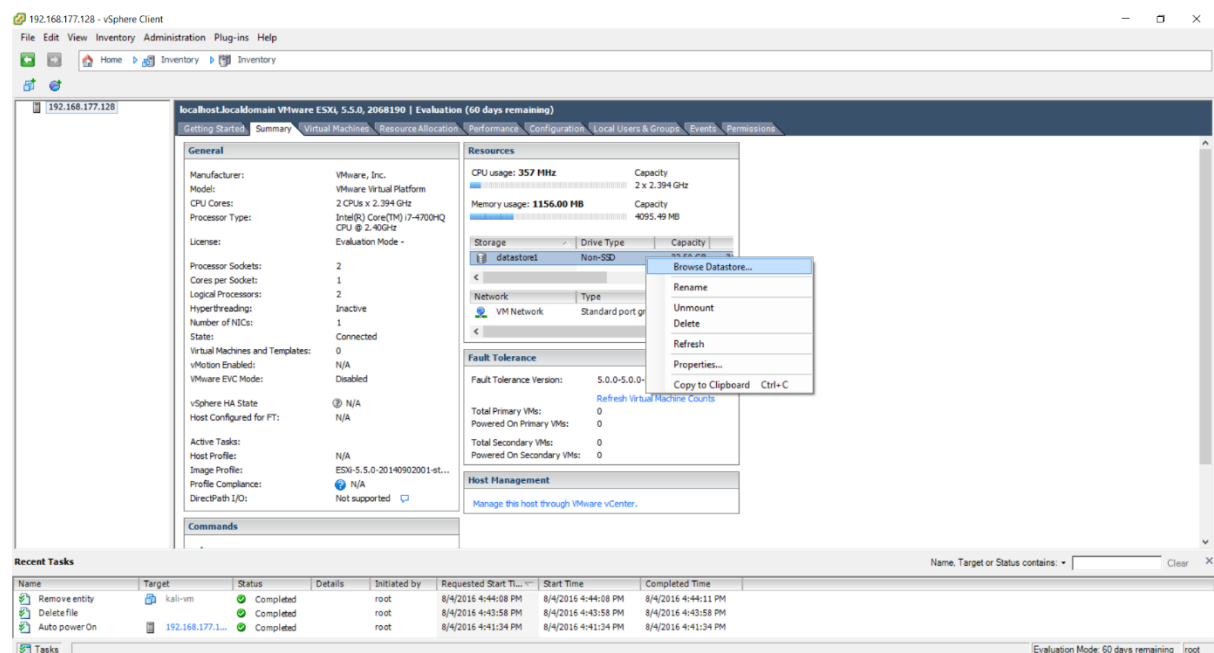
Ignore the SSL certificate security warning.



Step 04

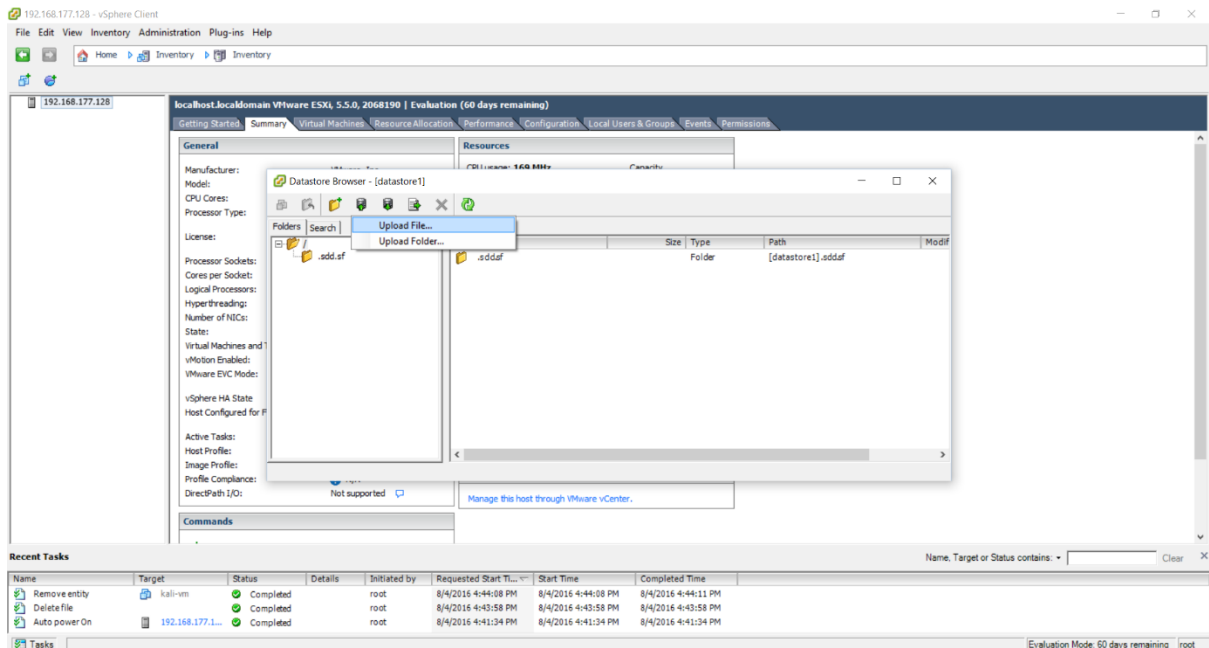
Go to the 'Summary' tab.

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



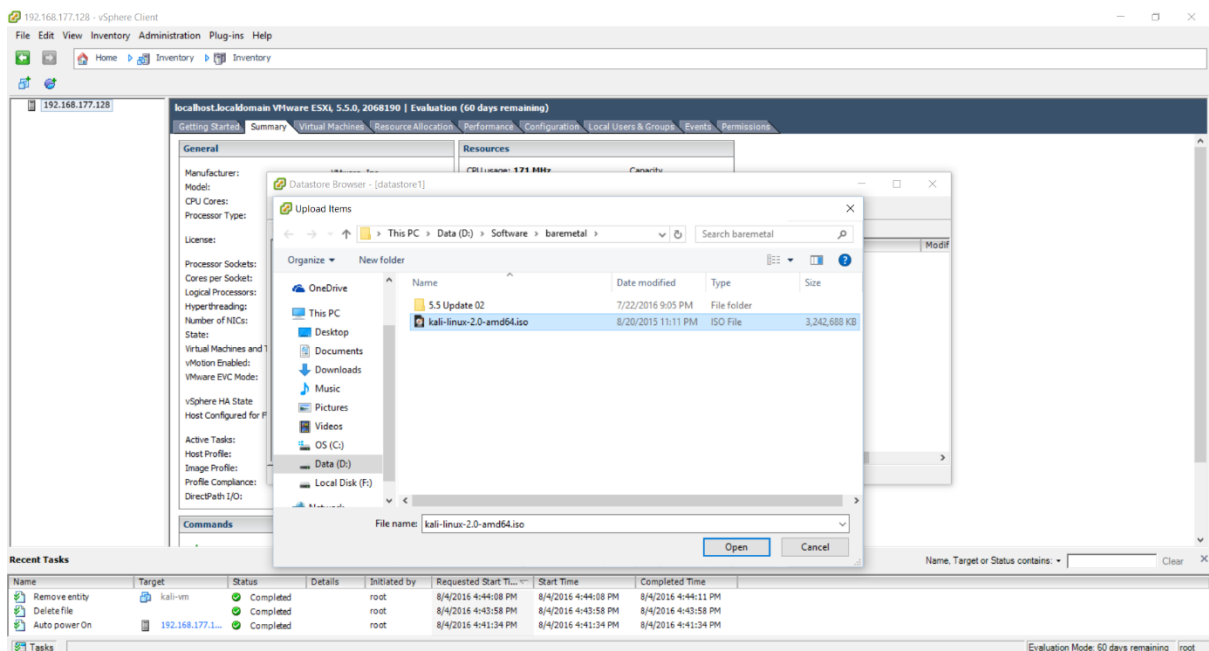
Step 05

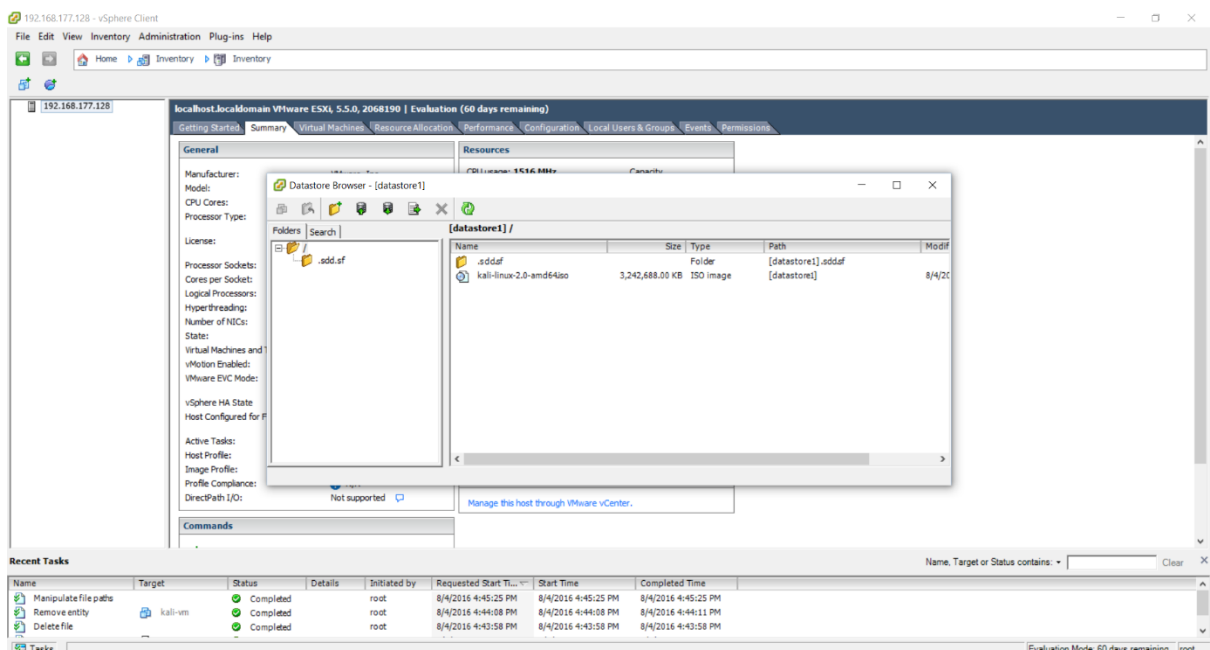
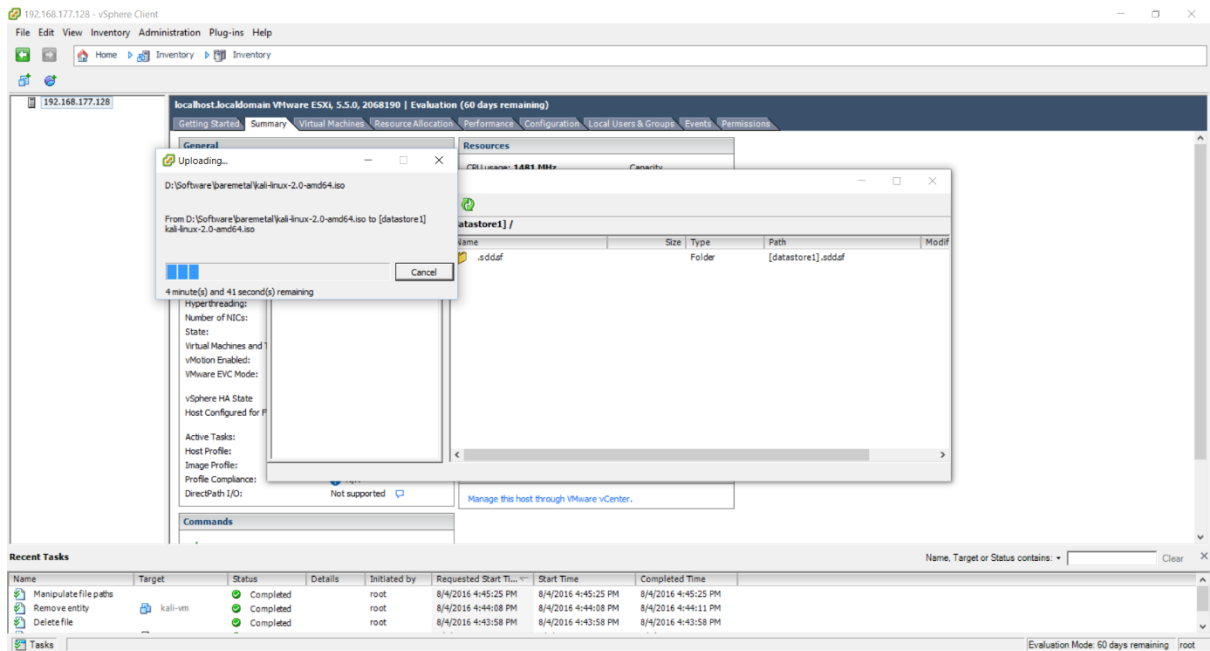
Choose 'Upload File' from 'Upload files to this datastore' icon.



Step 06

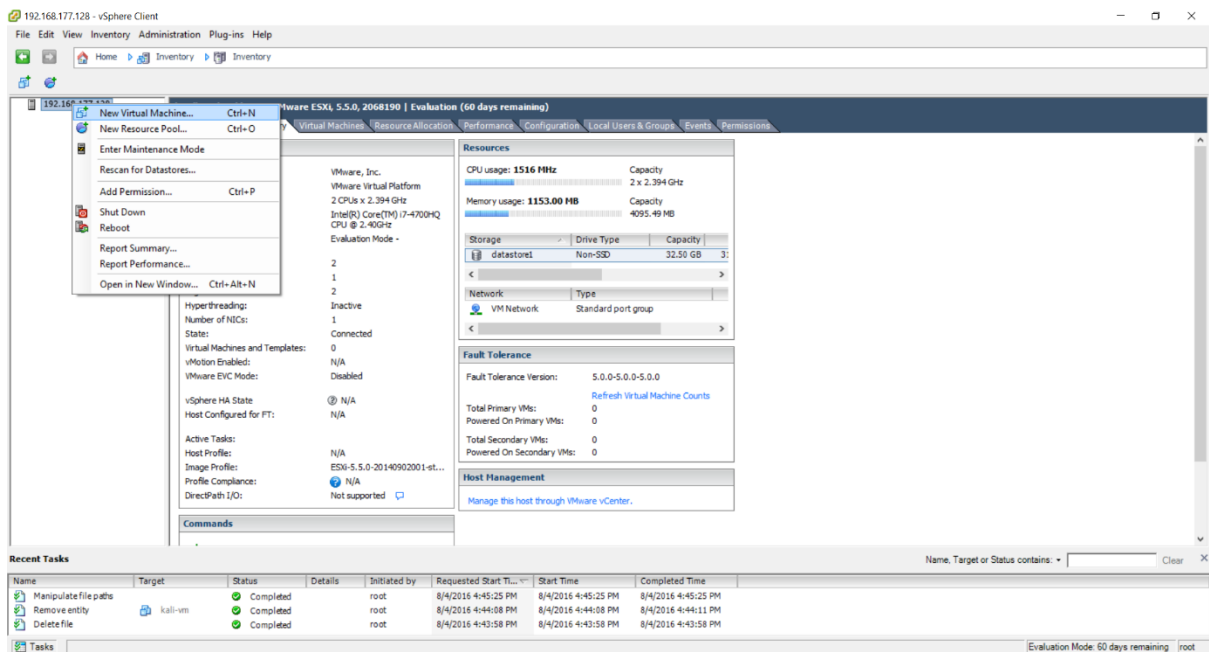
Browse for the ISO file of an OS and open. Then close the window after uploading is finished.





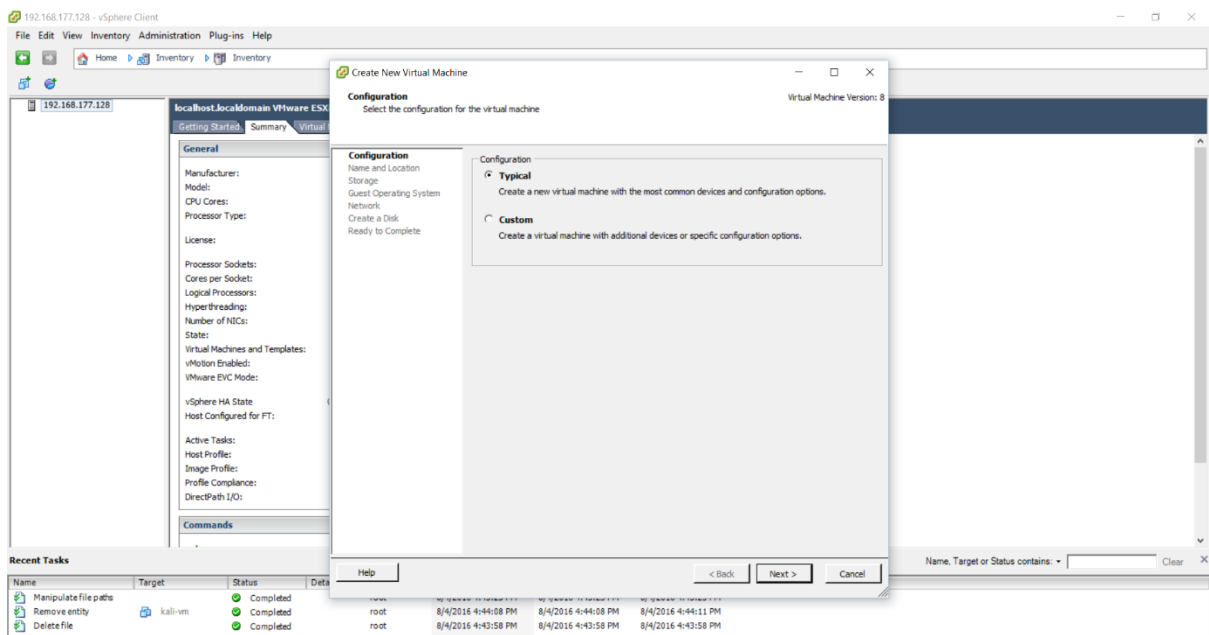
Step 07

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



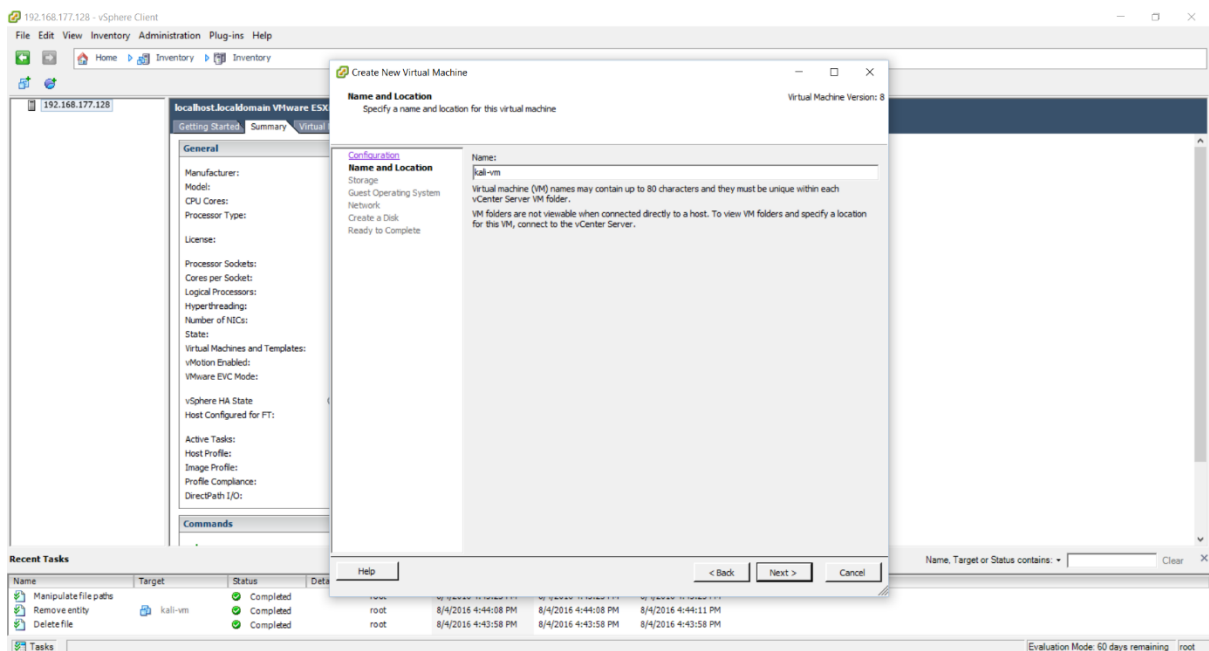
Step 08

Select 'Typical' under 'Configuration' and click 'Next'.



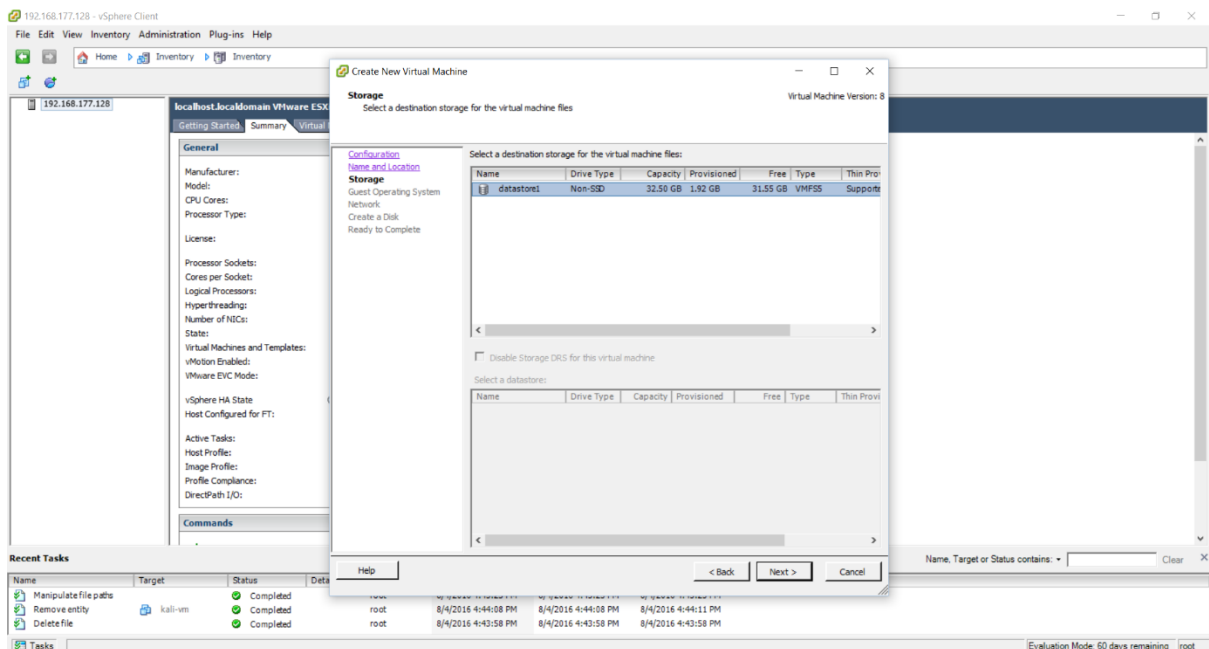
Step 09

Provide a name for the virtual machine and then click 'Next'.



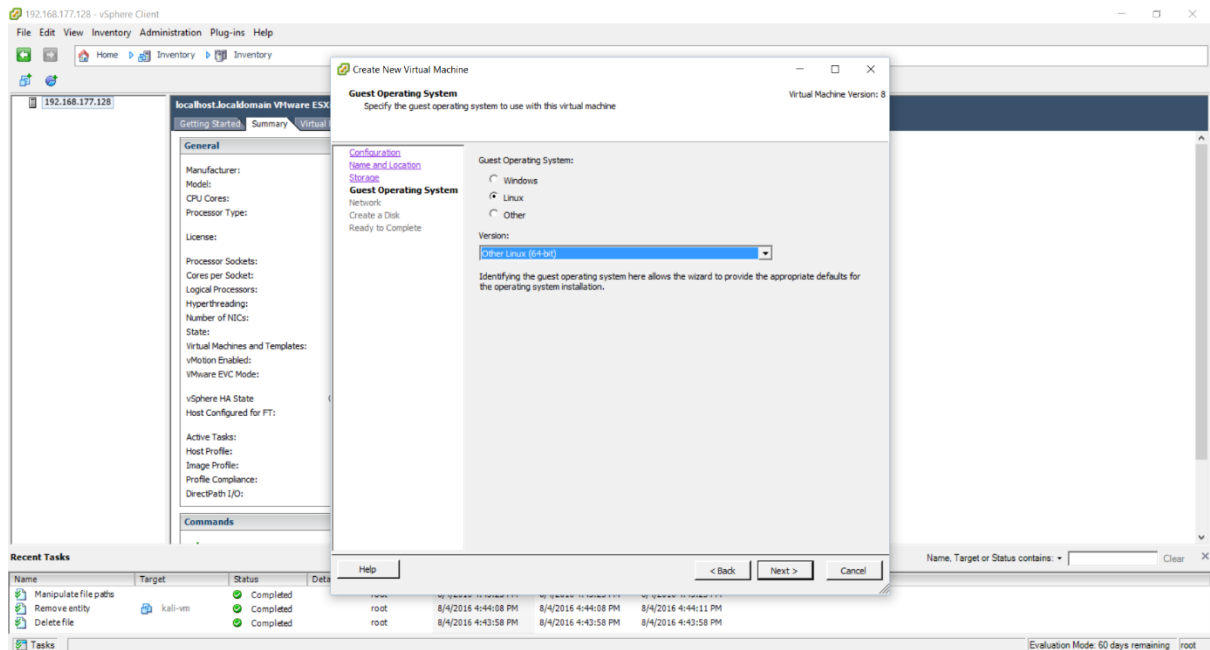
Step 10

Click 'Next' under 'Storage'.



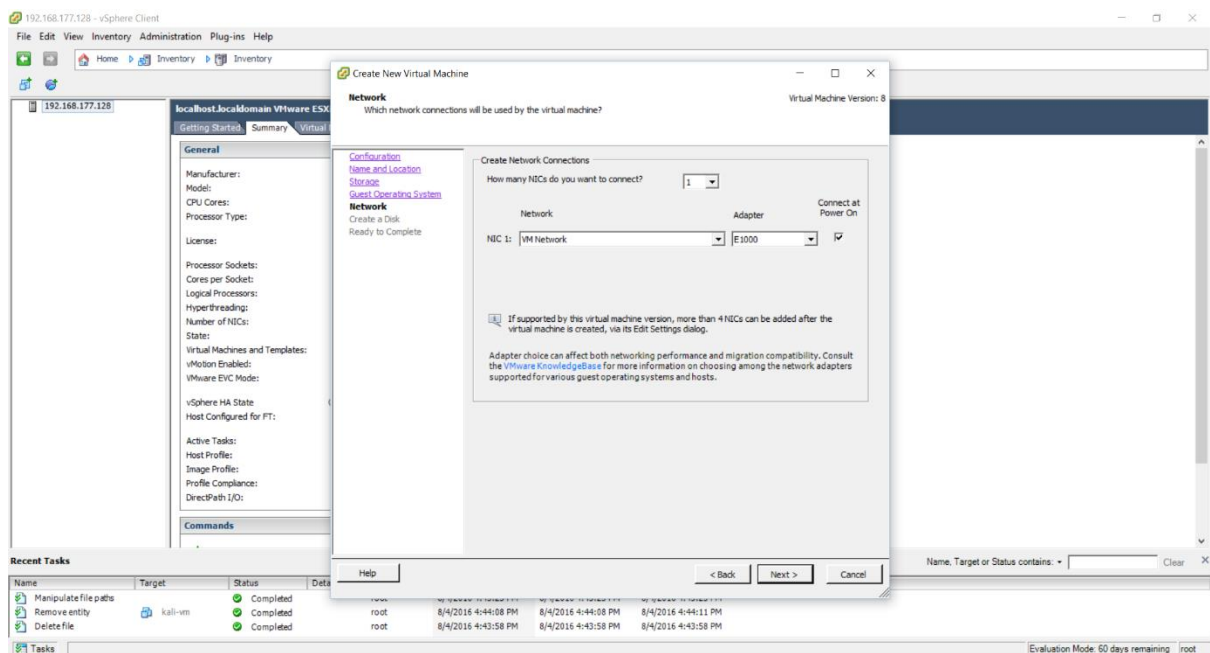
Step 11

Select 'Linux' under 'Guest Operating System'. Choose 'Other Linux (64-bit)' and click 'Next'.



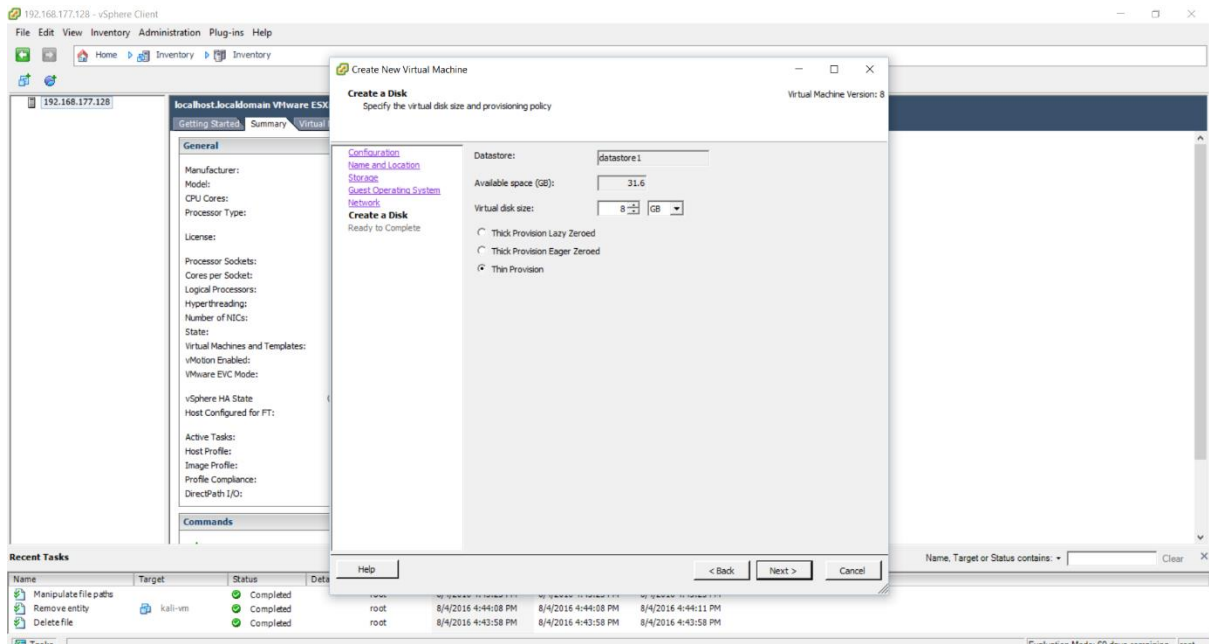
Step 12

Click 'Next' under 'Network'.



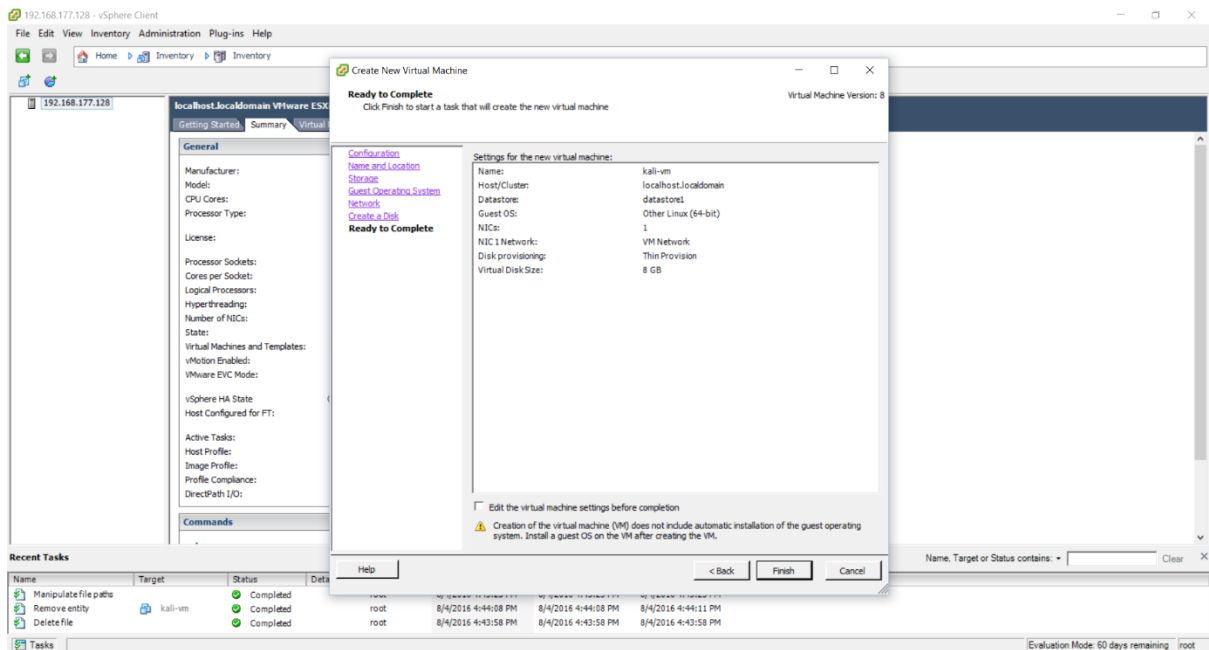
Step 13

Select 'Thin Provision' under 'Create a Disk' and click 'Next'.



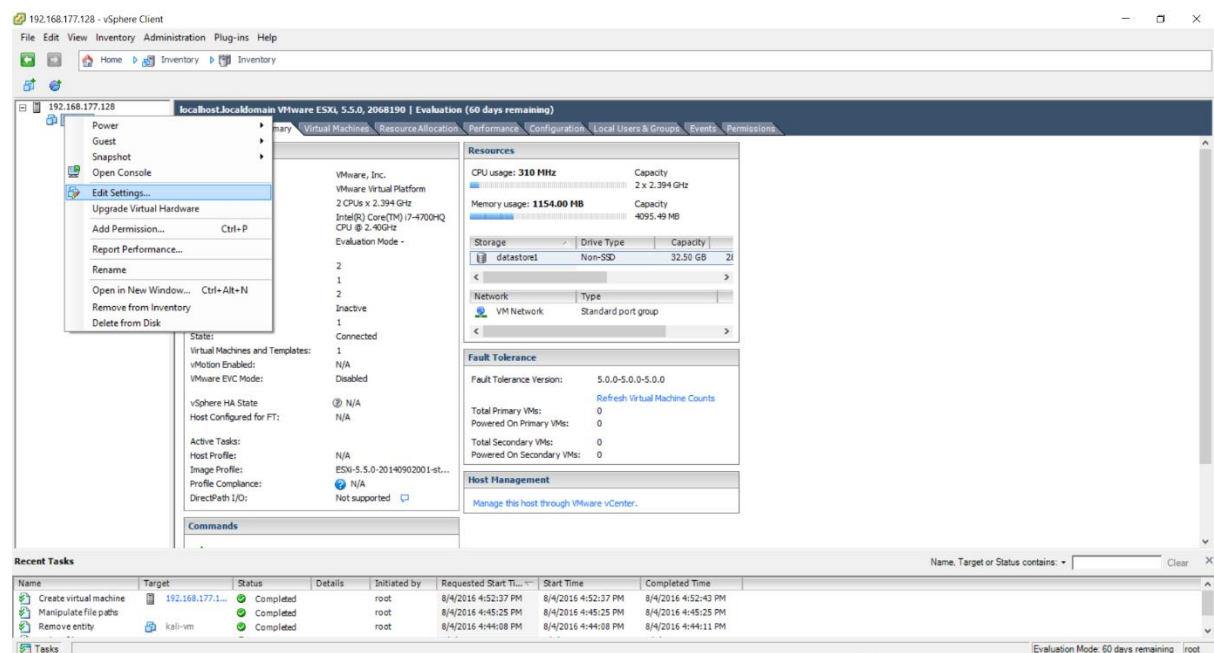
Step 14

Click 'Finish' under 'Ready to Complete'.



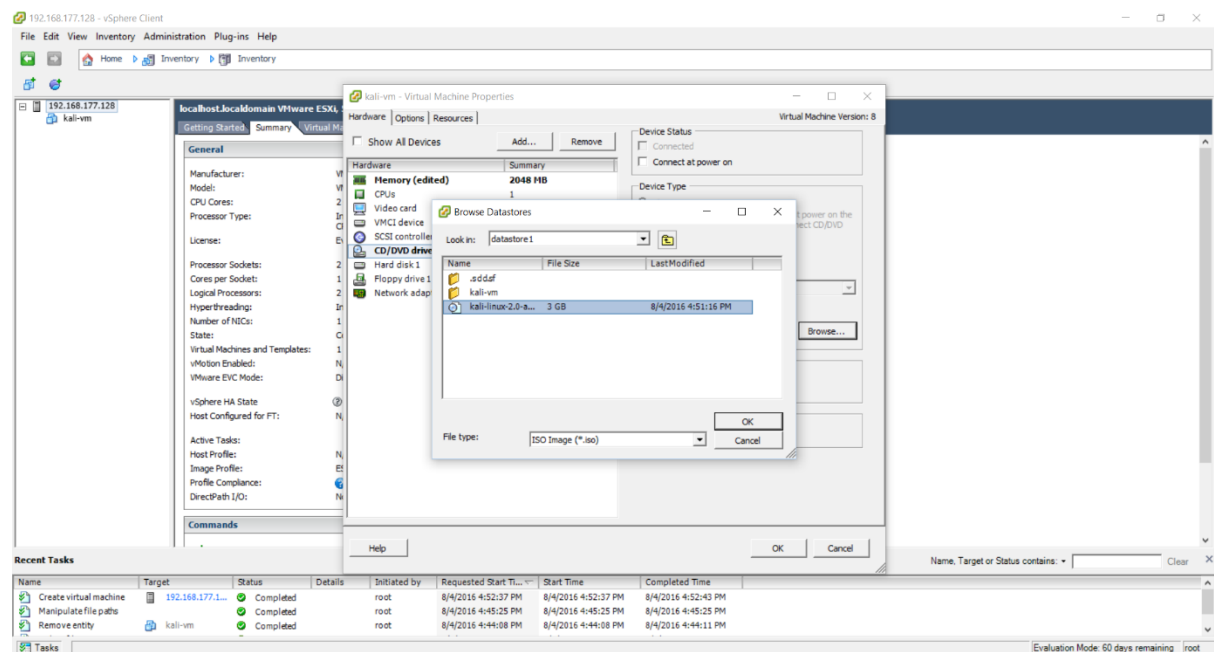
Step 15

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



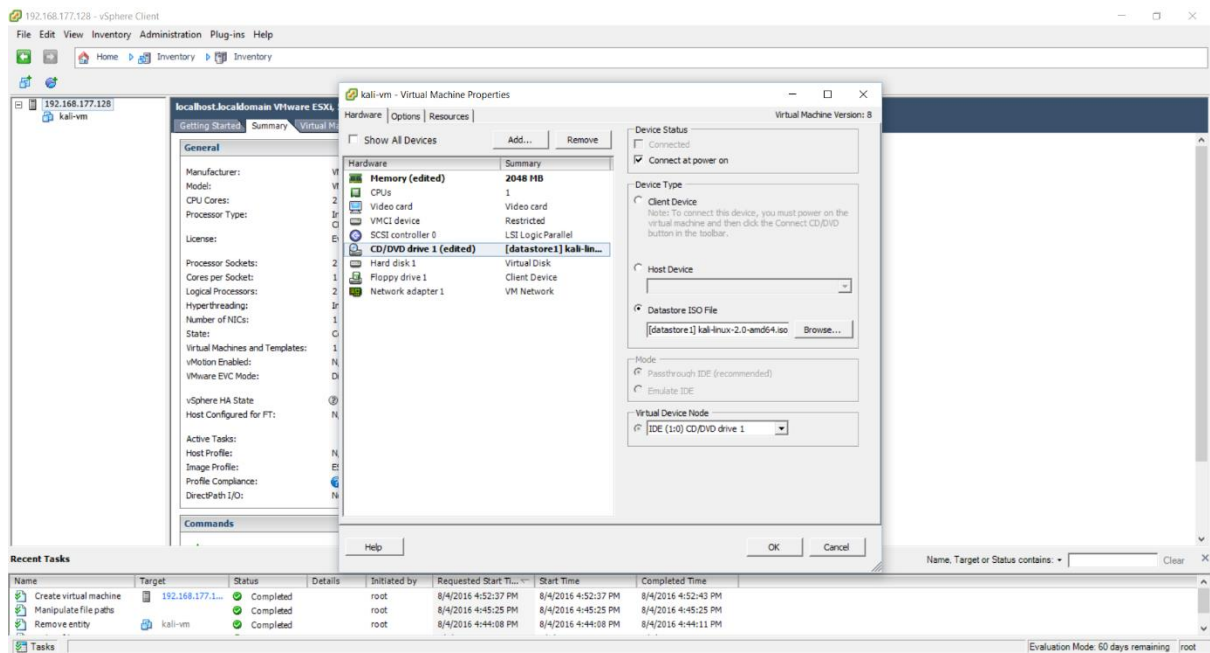
Step 16

Change the memory size to 2048 MB. Select 'CD/DVD drive 1' and choose 'Datastore ISO File'. Browse for the ISO file from the datastore and click 'OK'.



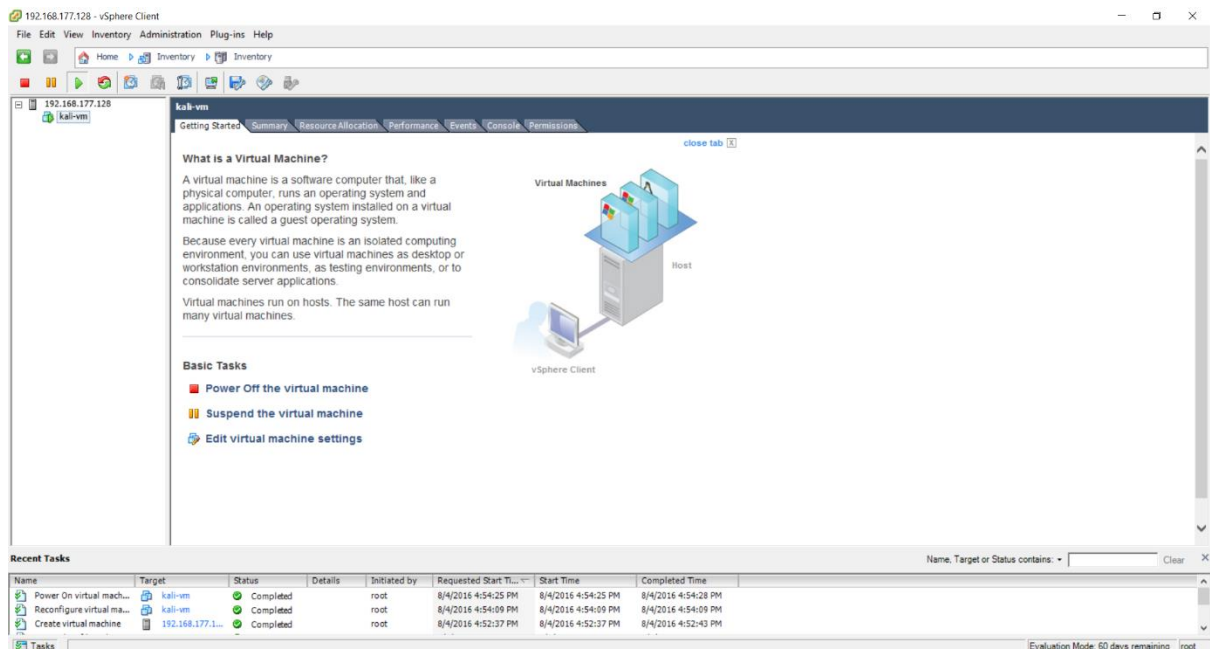
Step 17

Select 'Connect at power on' from 'Device Status' and click 'OK'.



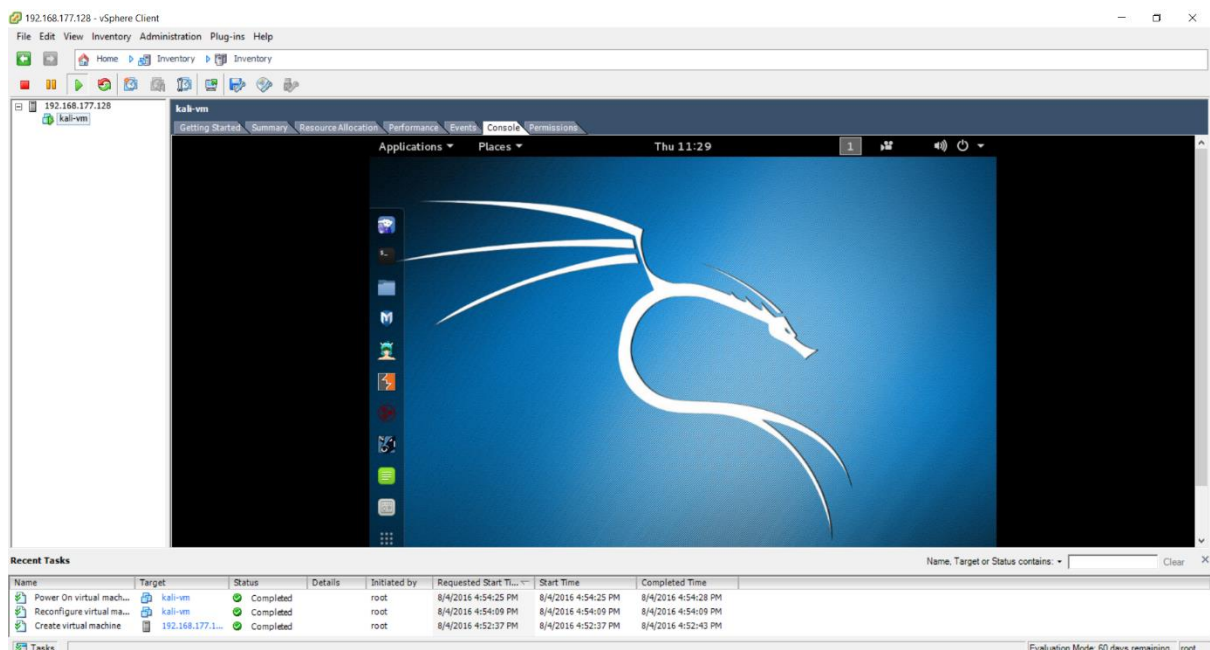
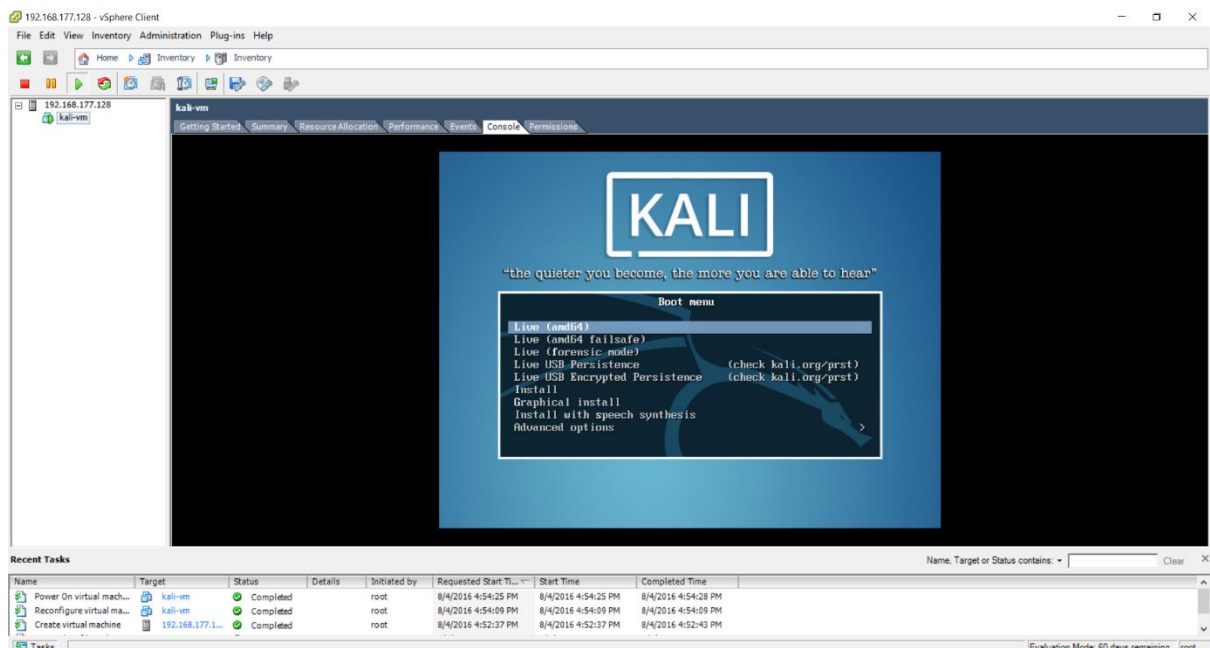
Step 18

Power on the virtual machine.



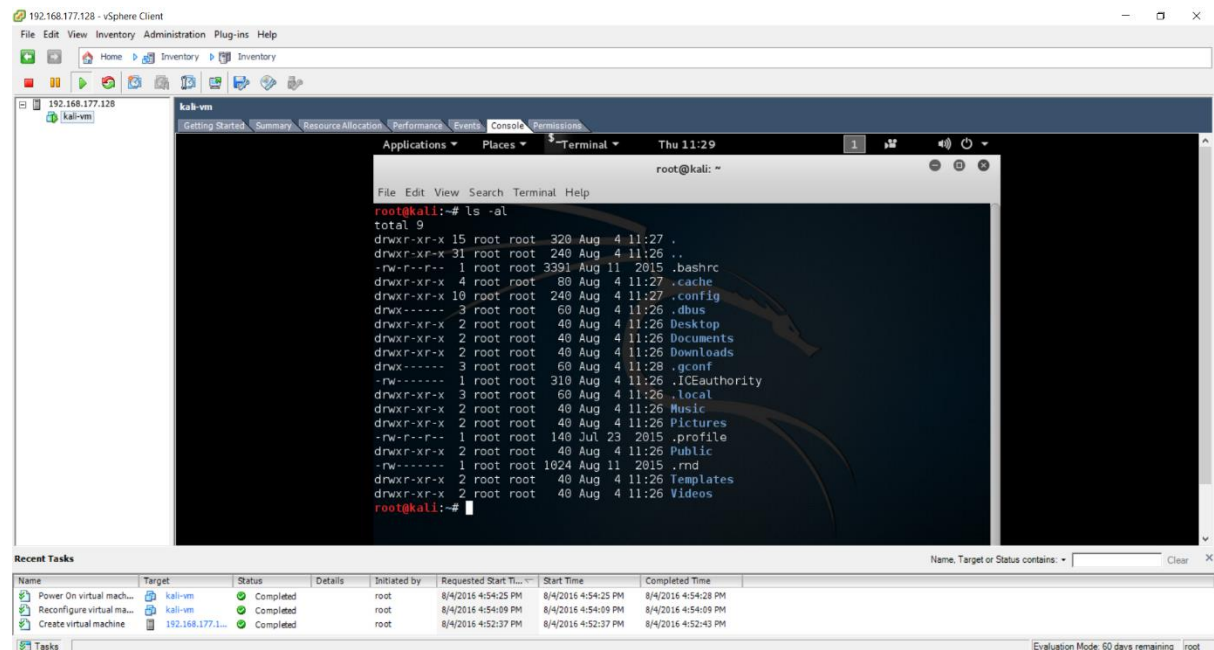
Step 19

Go to the 'Console' tab and choose 'Live (amd64)'. Press 'Enter' in order to start installing 'Kali' on the created virtual machine.



Step 20

Open the terminal and type commands to check.



Step 21

Power off 'Kali'.

Shut Down 'ESXi'.

