



Enterprise Standards and Best Practices for IT Infrastructure

Lab Report

Lab 05

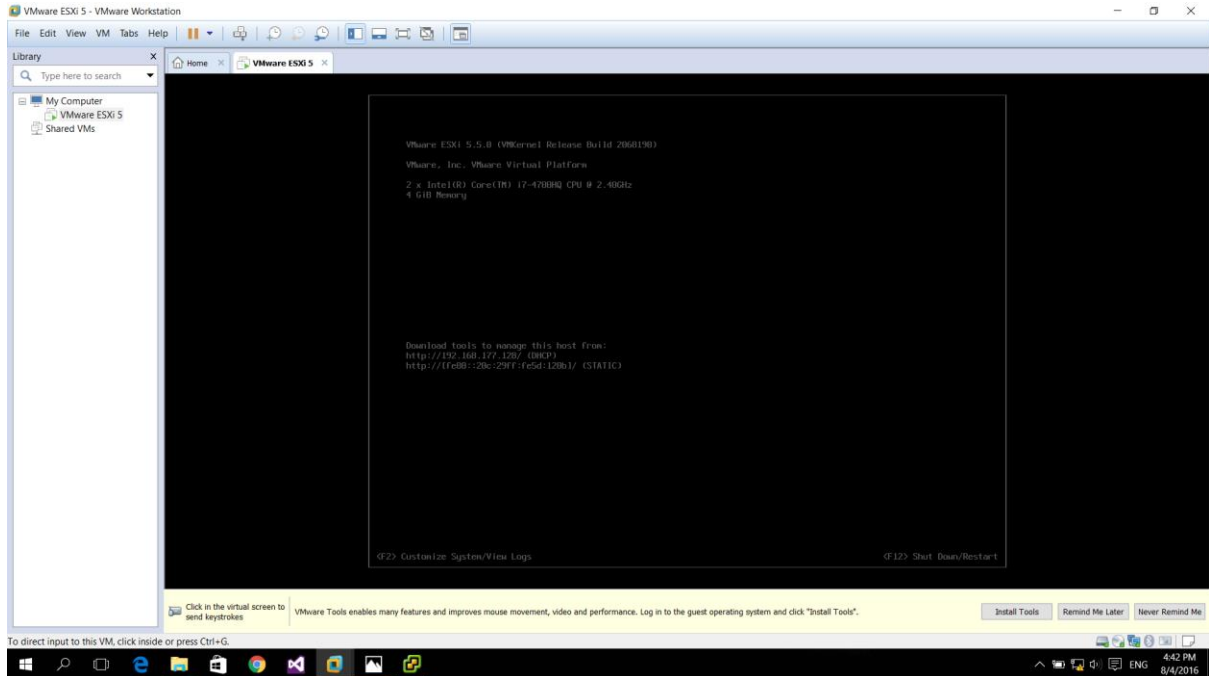
Creating a Virtual Machine on the Hypervisor

Asanka R.

IT13071844

- Step 01

Power on ESXi 5 from VMware Workstation.

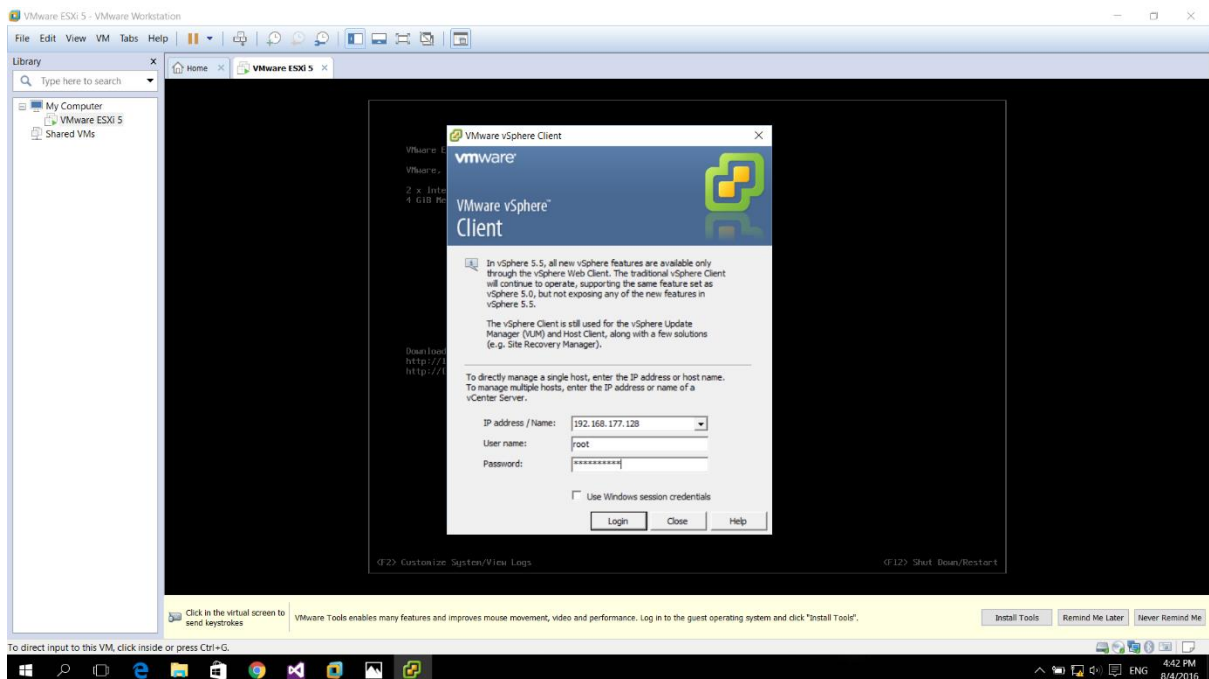


- Step 02

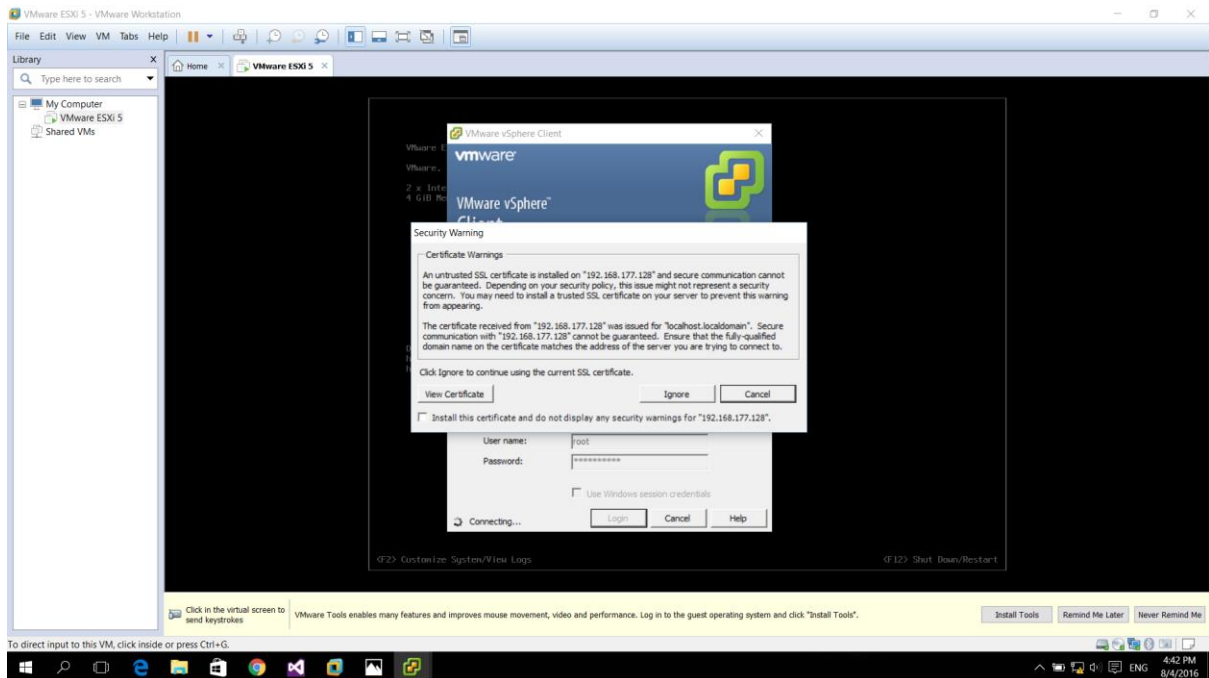
Install VMware vSphere Client software and start it.

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

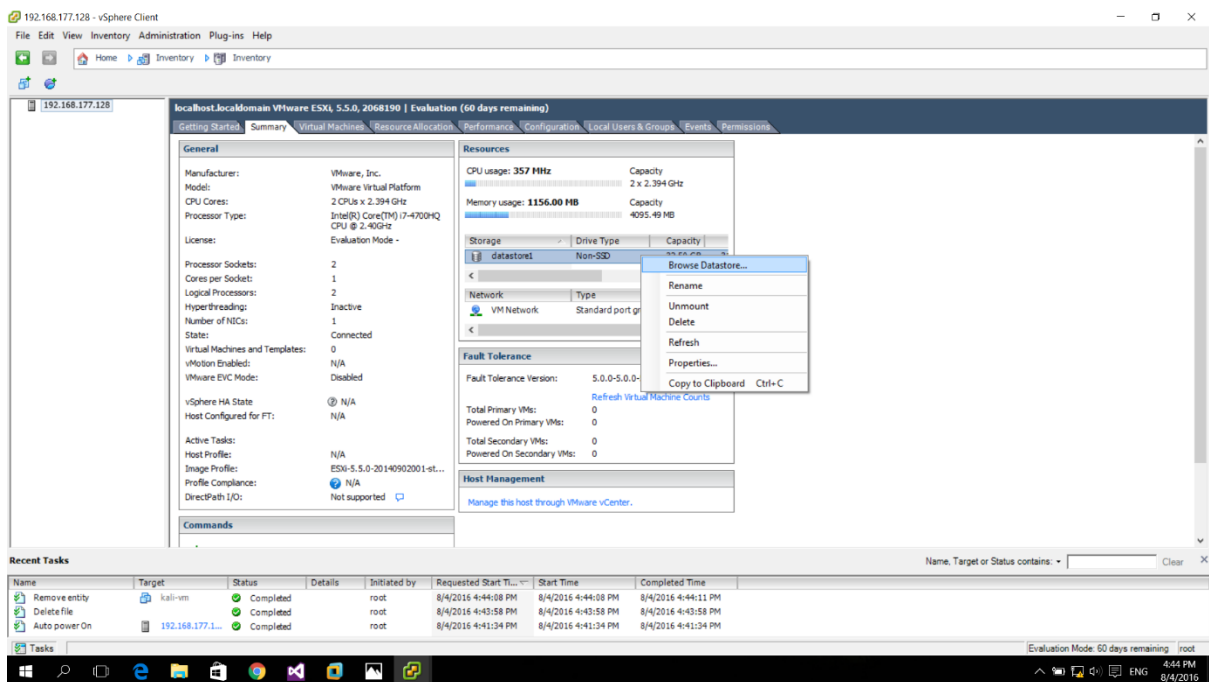
Click 'Login'.



- Step 03
Ignore the SSL certificate security warning.

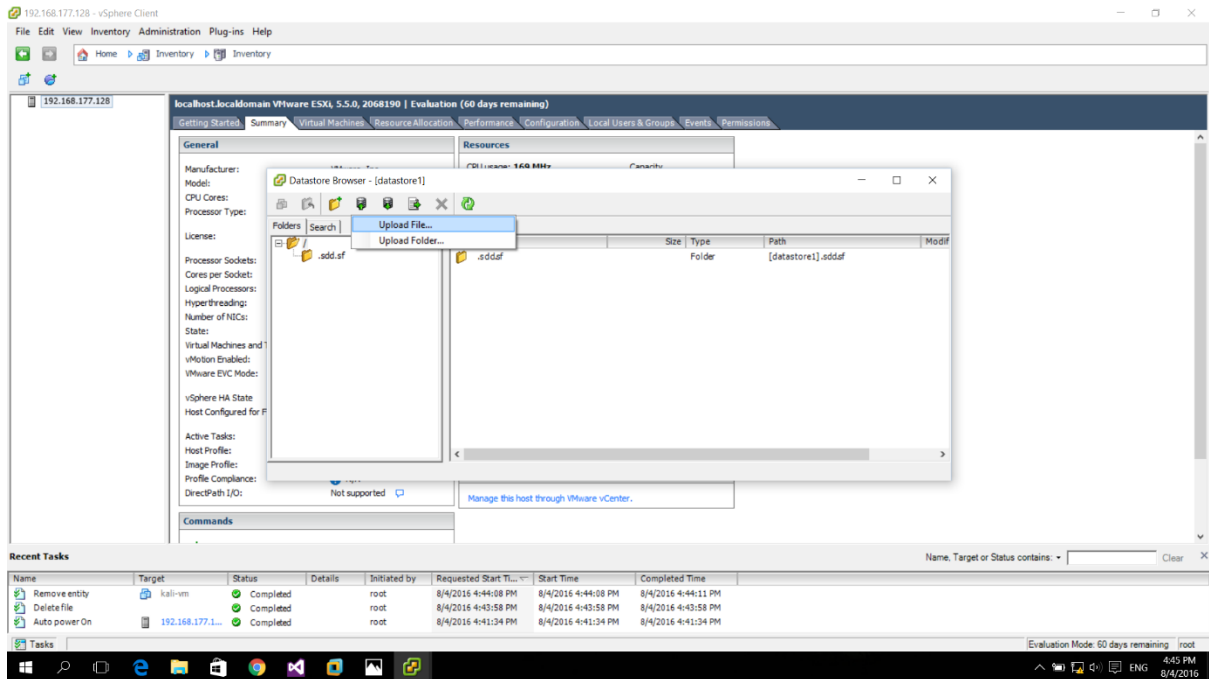


- Step 04
Go to the 'Summary' tab.
Right click on 'datastore1' from 'Storage' category and choose 'Browse Datastore...'



- Step 05

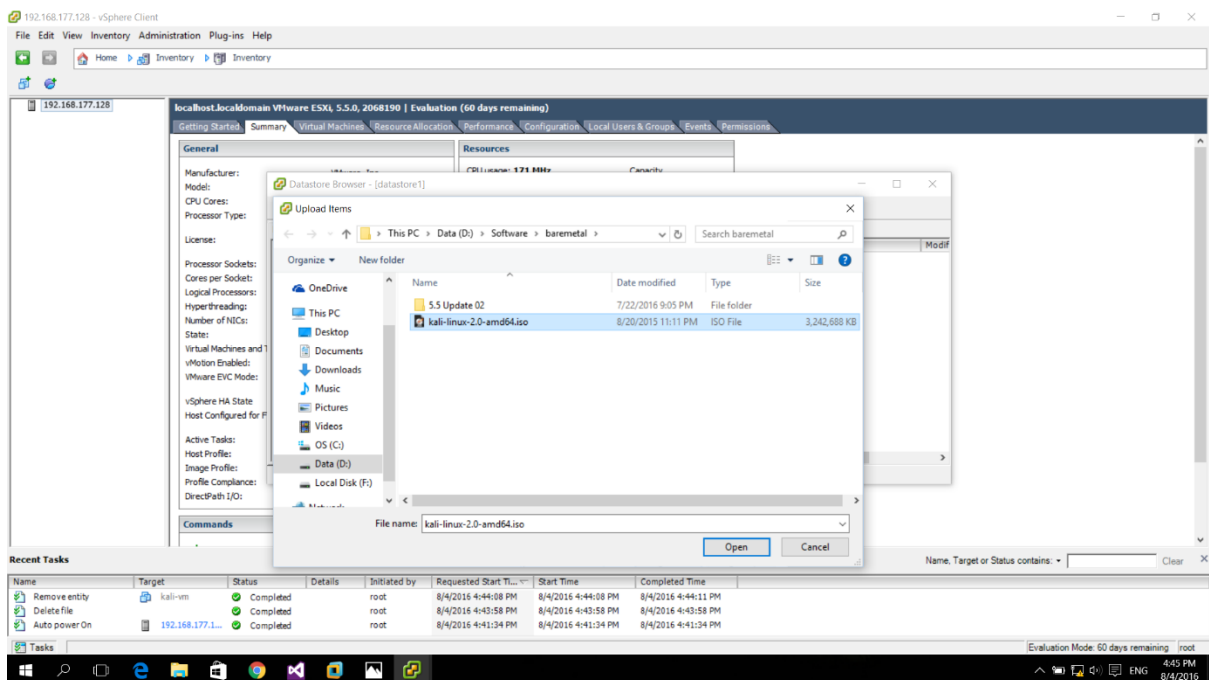
Choose 'Upload File' from 'Upload files to this datastore' icon.

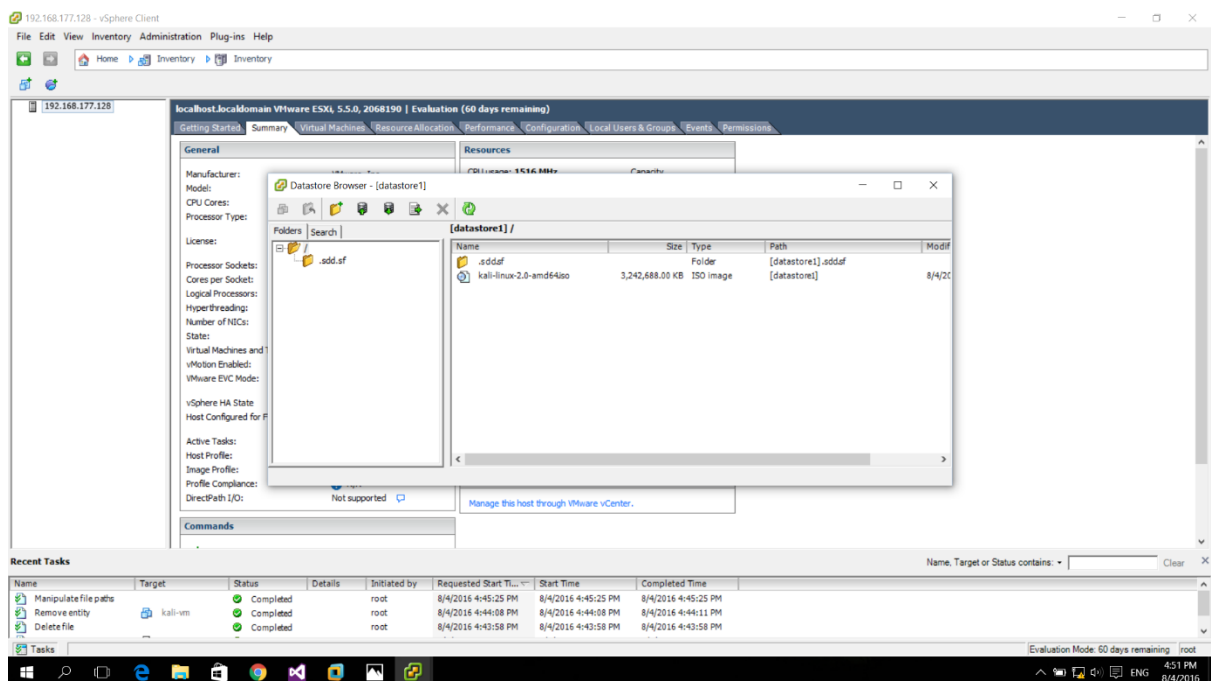
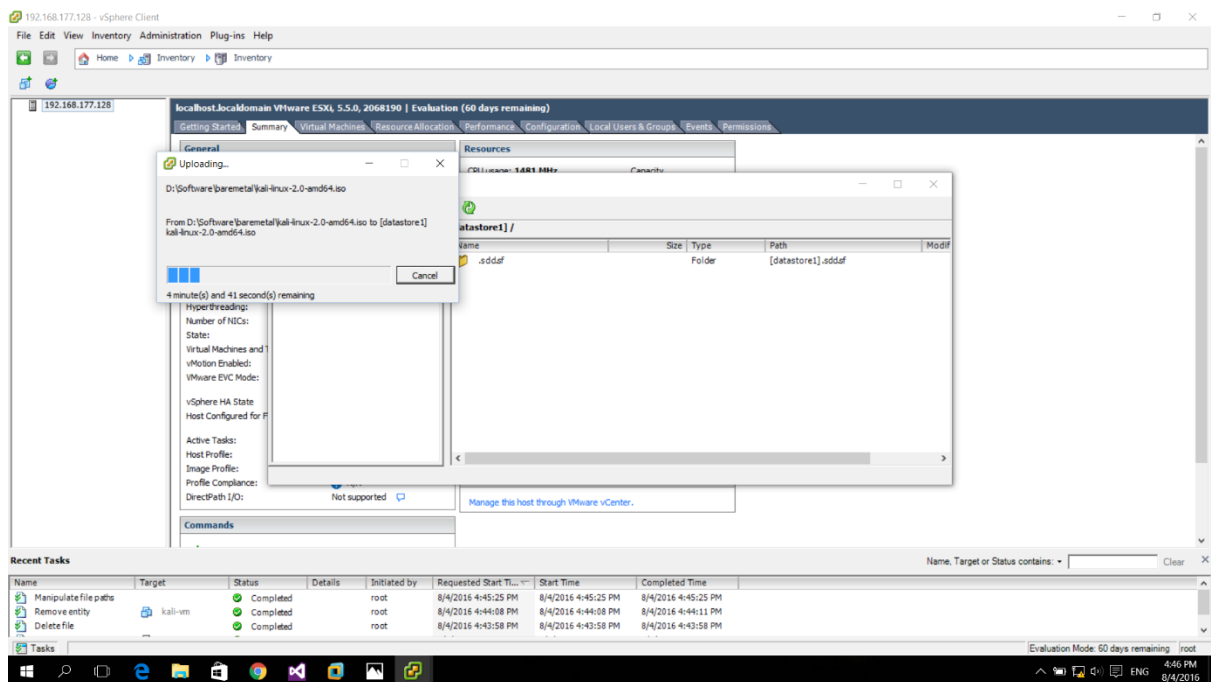


- Step 06

Browse for the ISO file of an OS and open it.

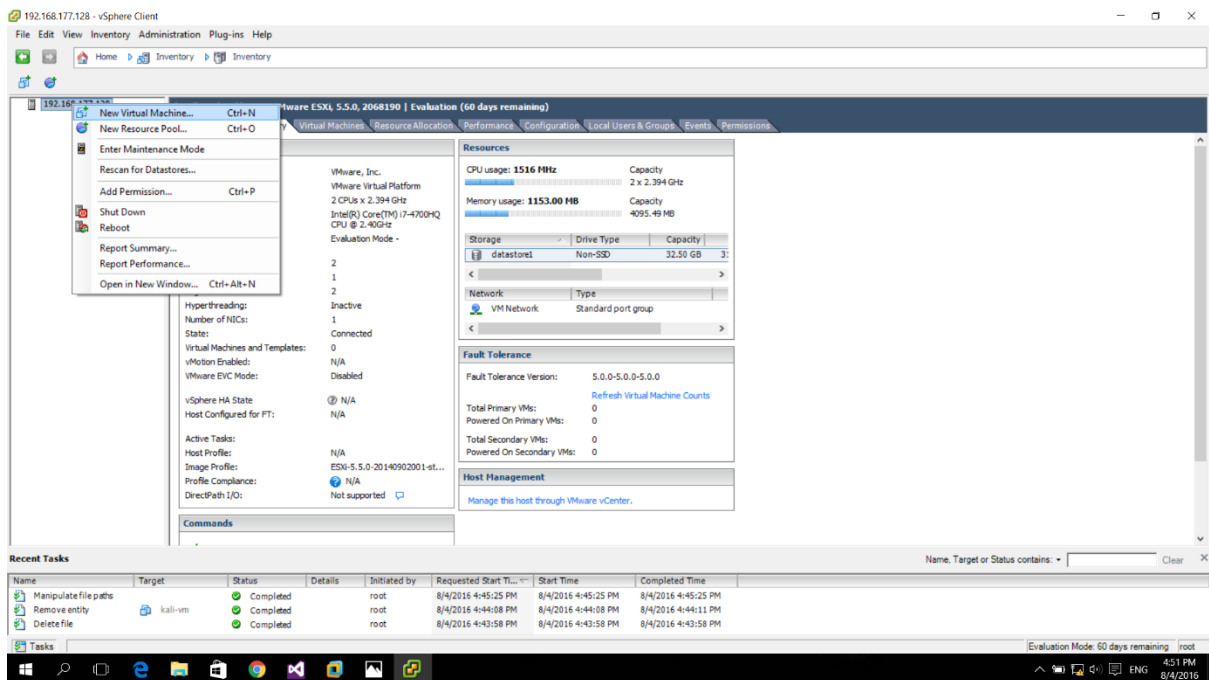
Then close the window after uploading is finished.





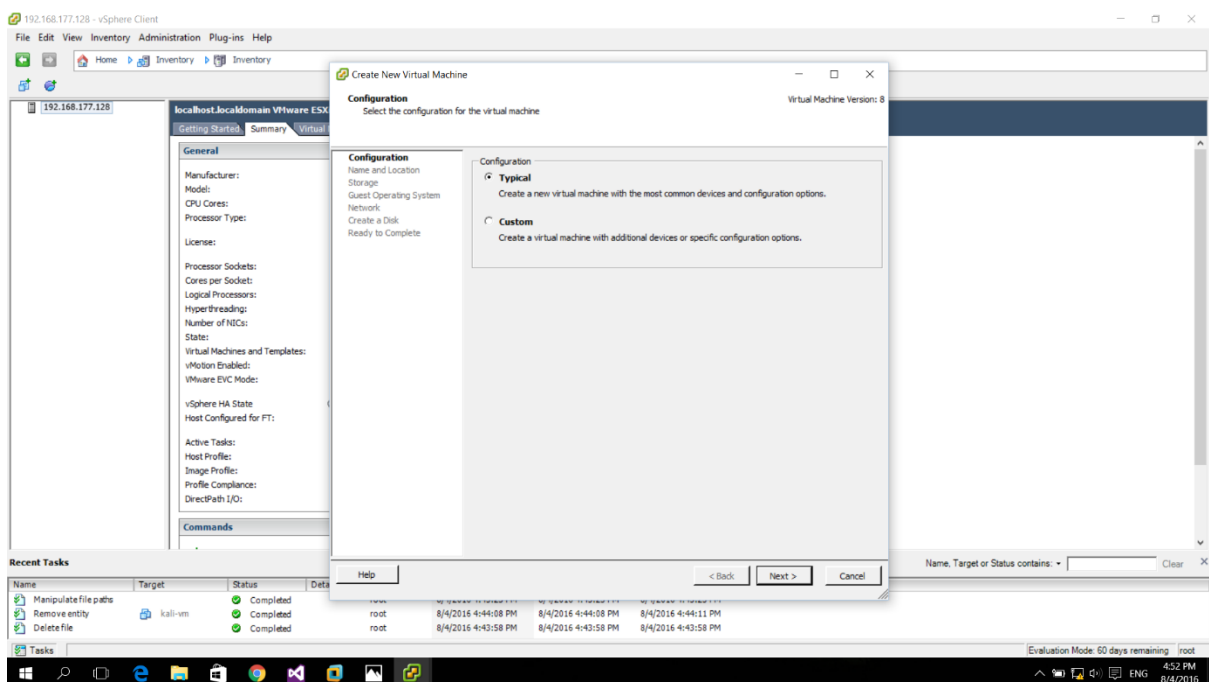
- Step 07

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



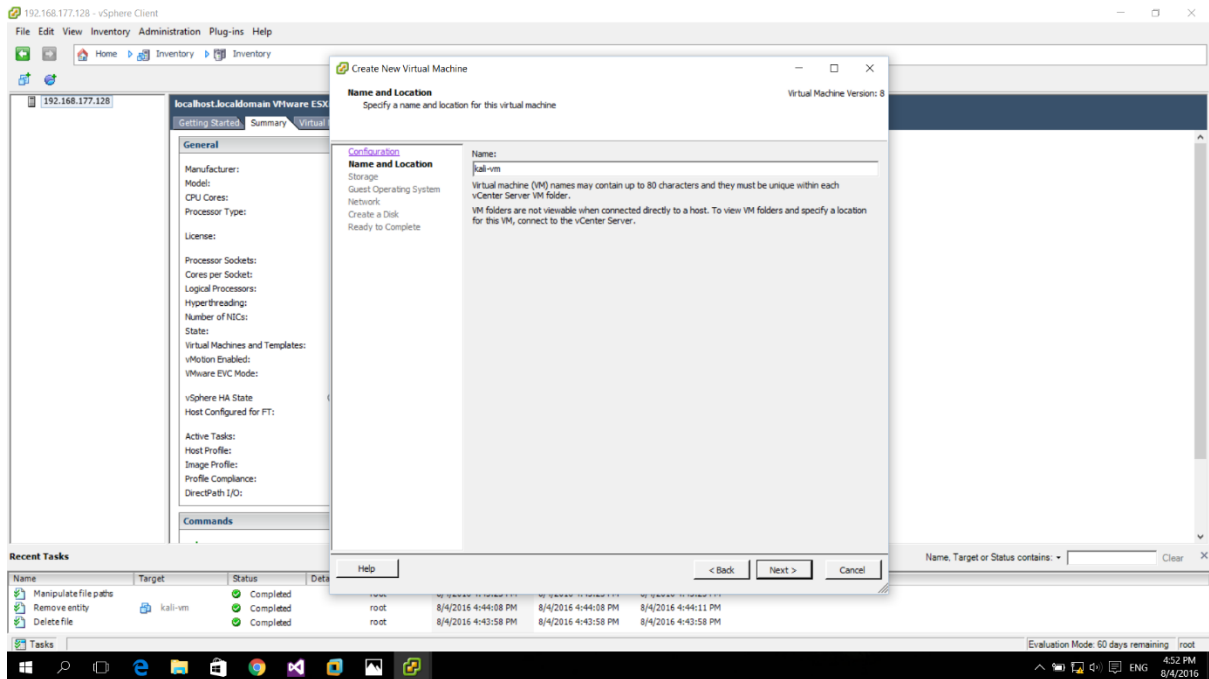
- Step 08

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



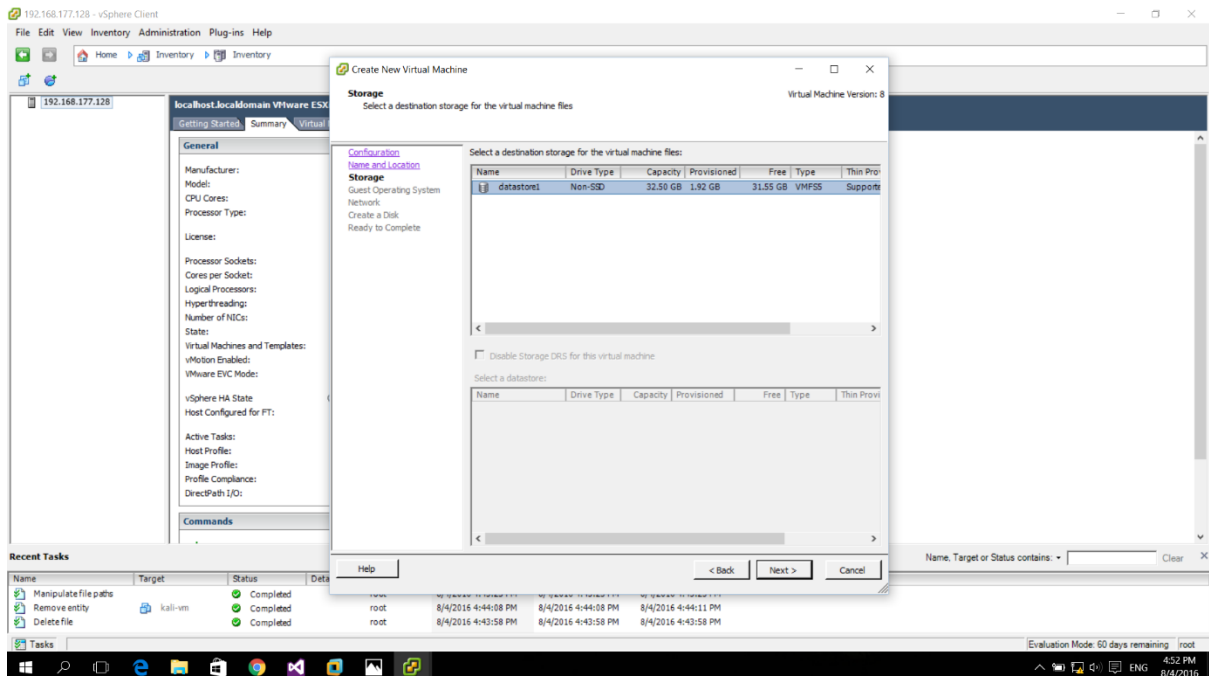
- Step 09

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

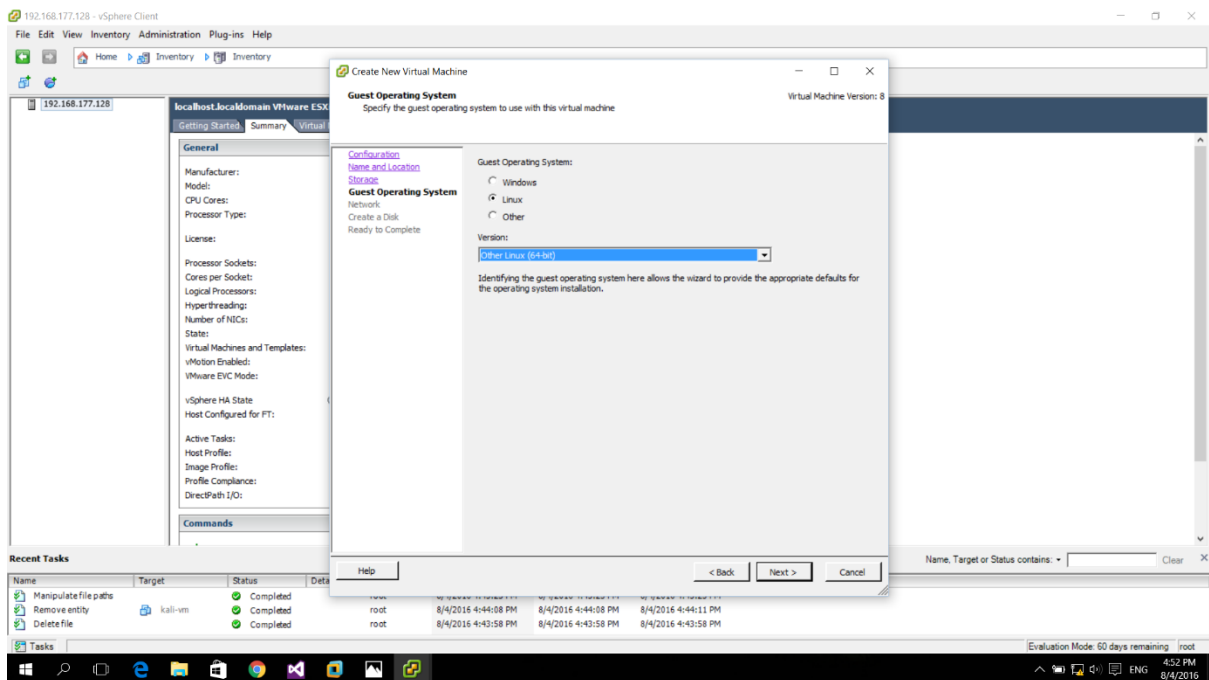


- Step 10

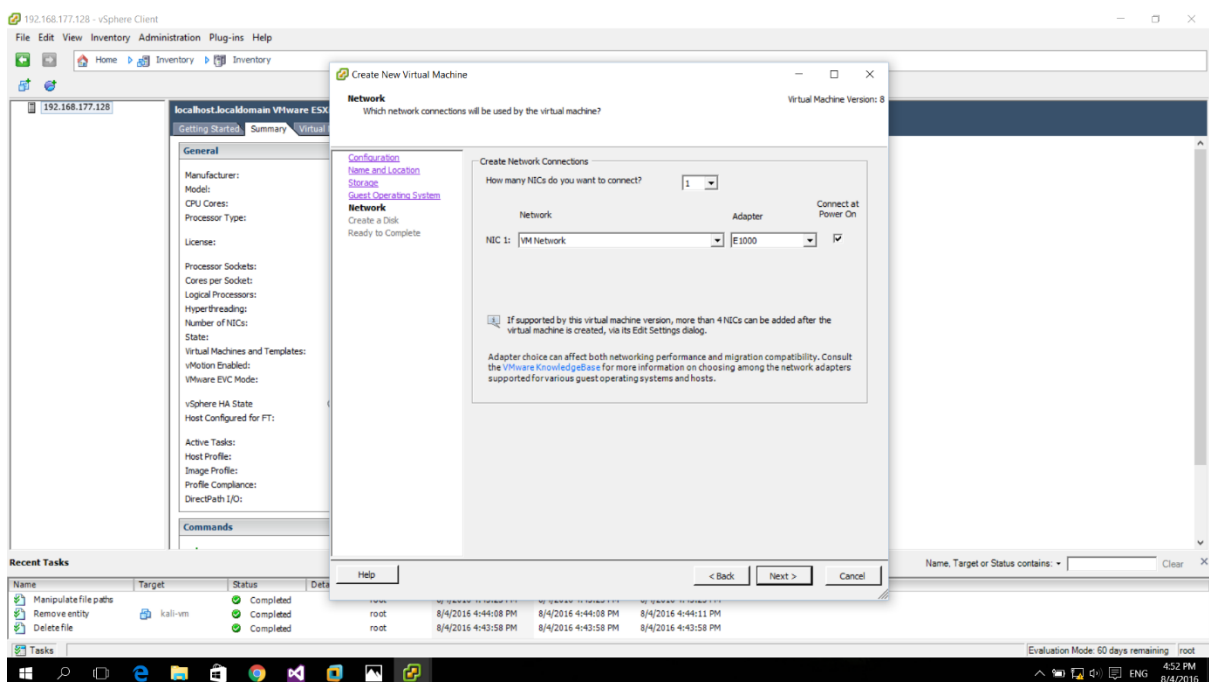
Click 'Next' on 'Storage' section.



- Step 11
Select 'Linux' under 'Guest Operating System'.
Choose 'Other Linux (64-bit)' and click 'Next'.

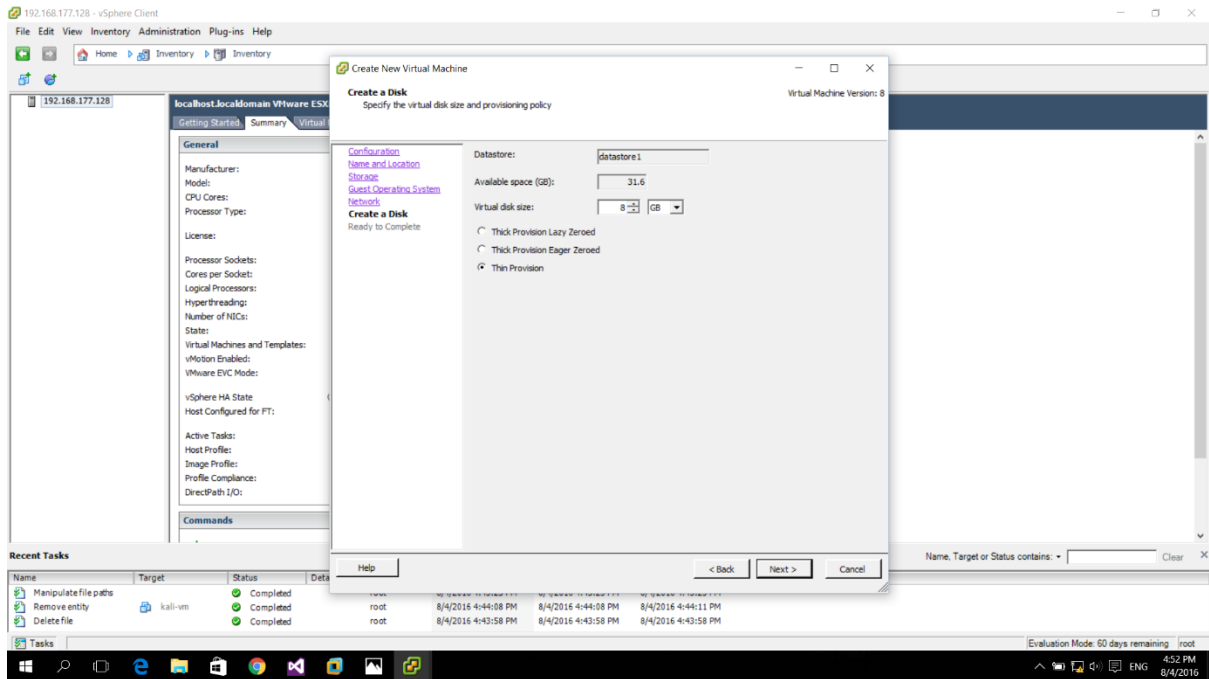


- Step 12
Click 'Next' on 'Network' section.



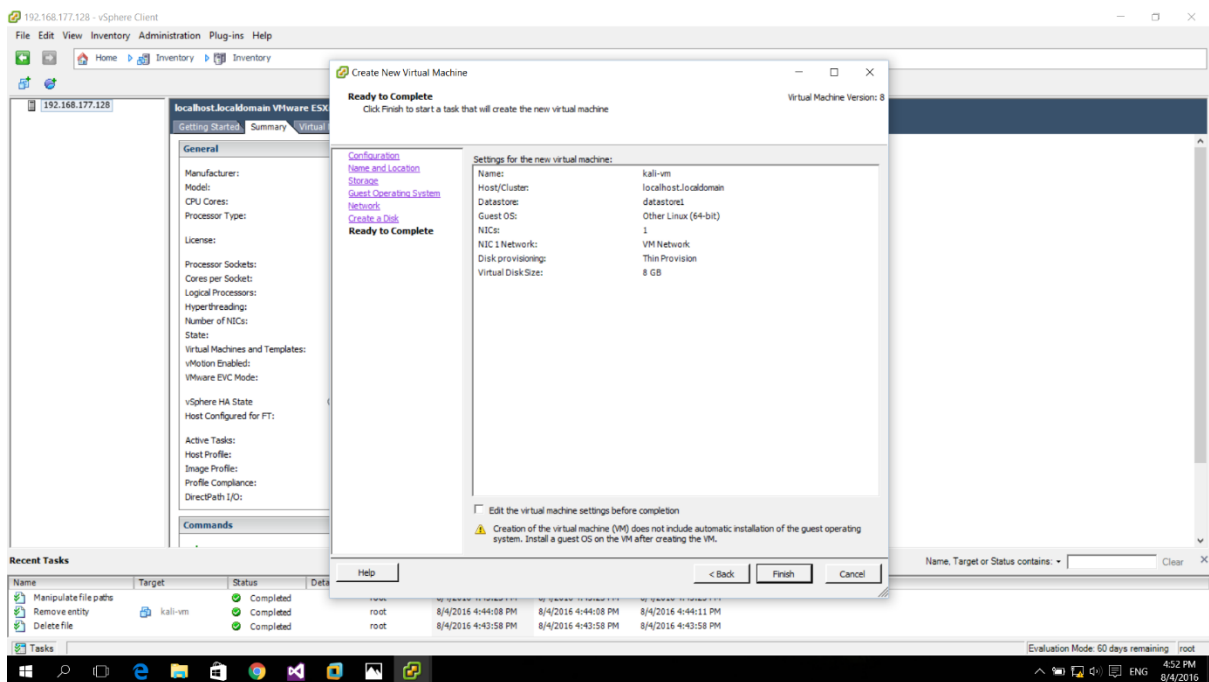
- Step 13

Select 'Thin Provision' on 'Create a Disk' section and click 'Next'.



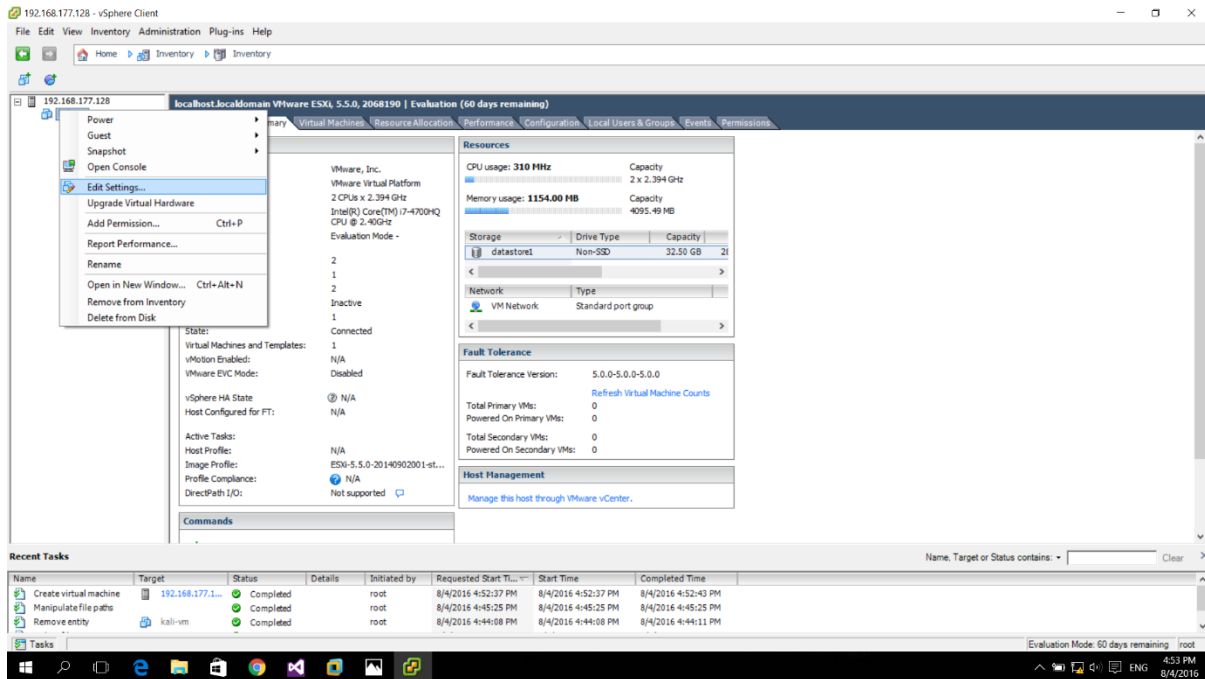
- Step 14

Click 'Finish'.



- Step 15

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

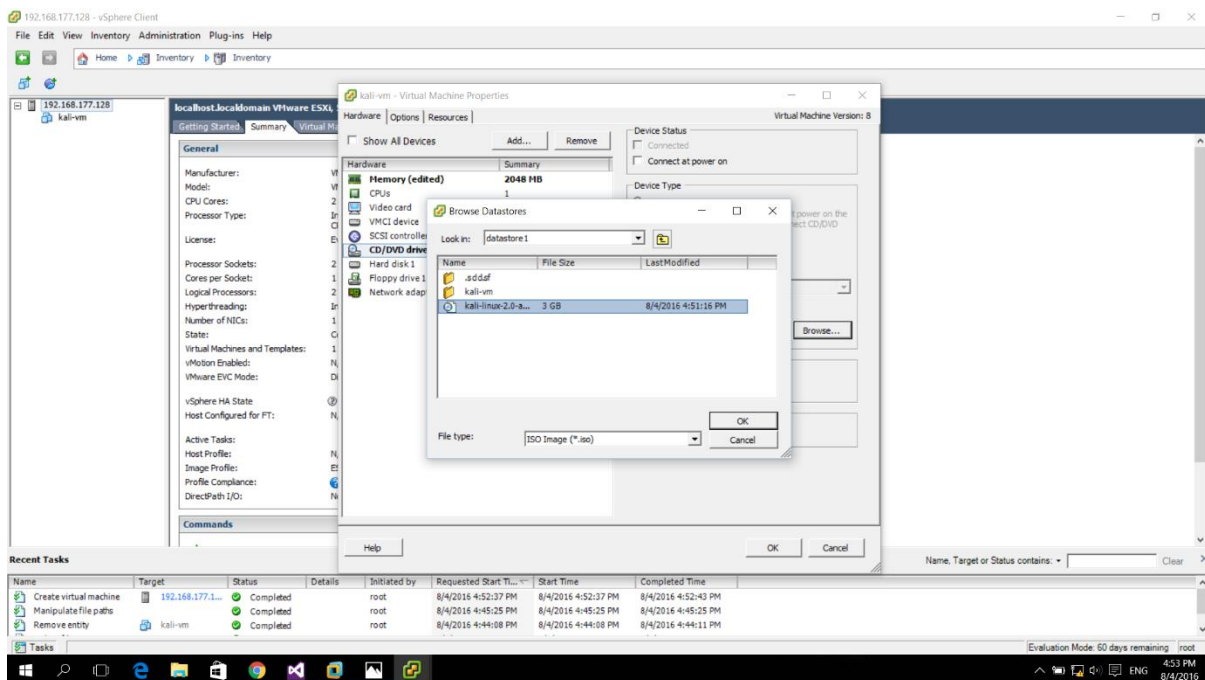


- Step 16

Change the memory size to 2048 MB.

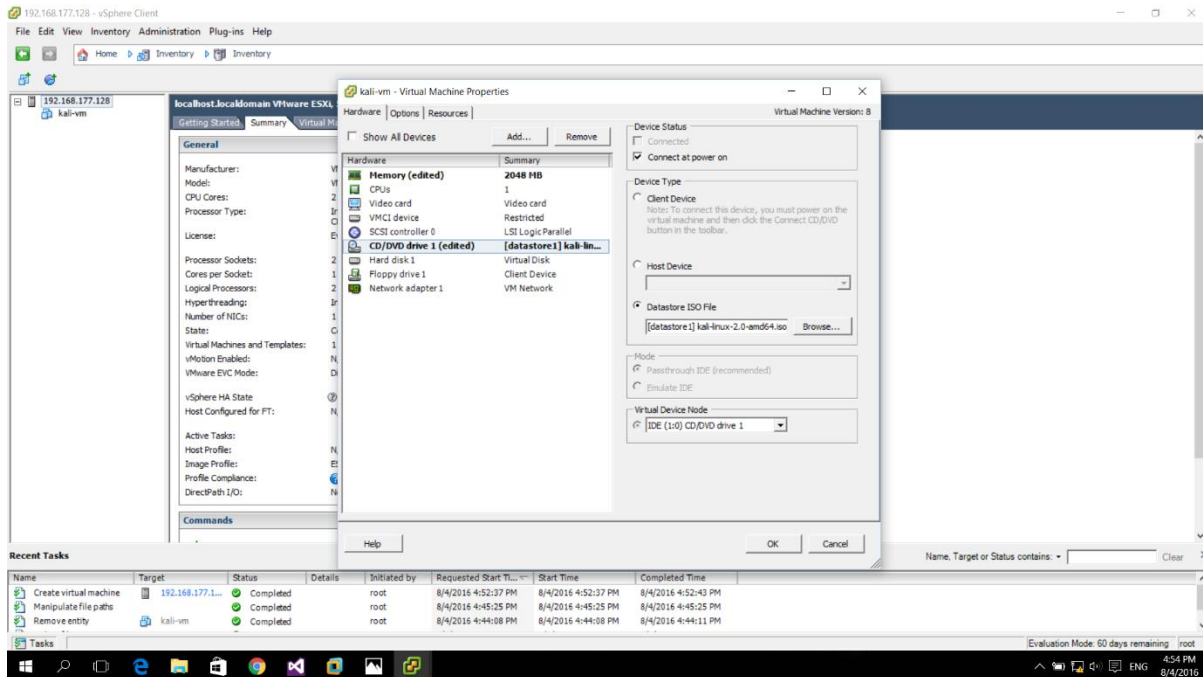
Select 'CD/DVD drive 1' and choose 'Datastore ISO File'.

Browse for the ISO file from the datastore.



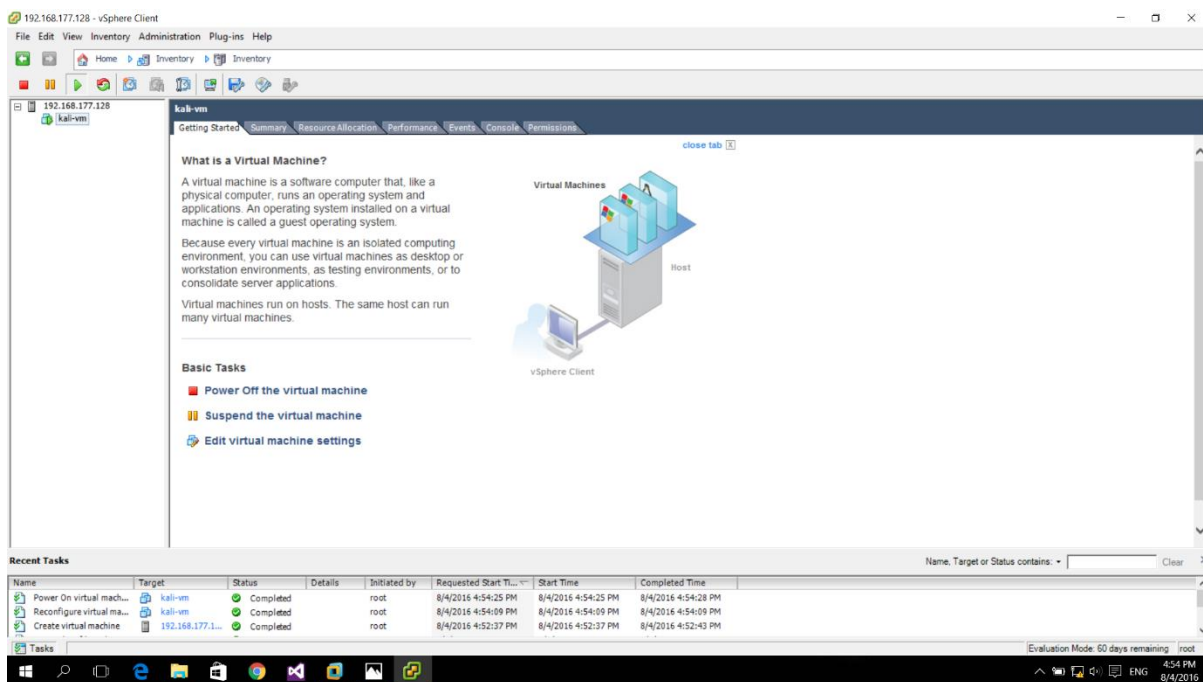
- Step 17

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



- Step 18

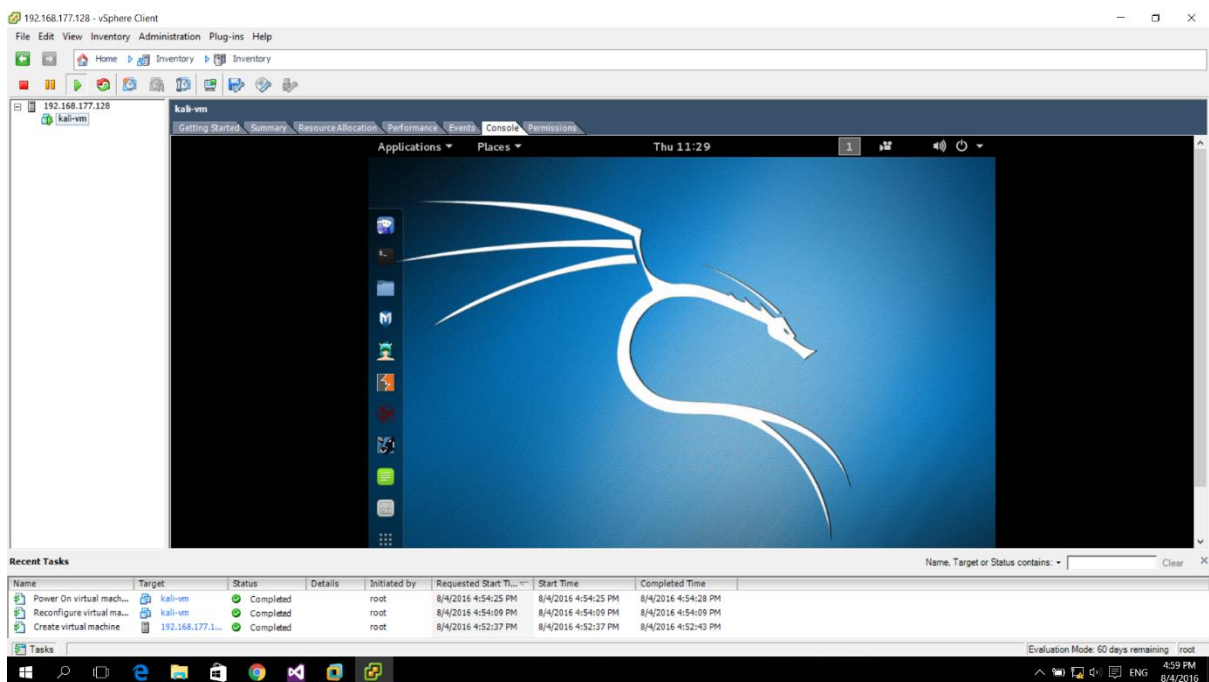
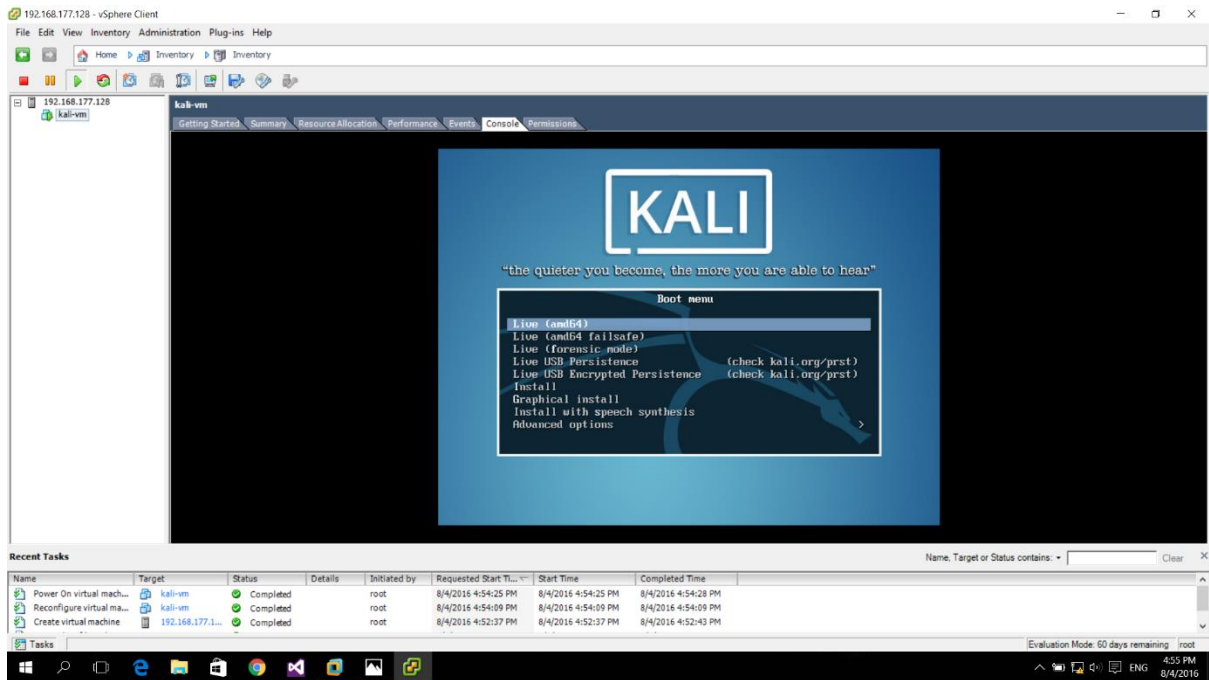
Power on the virtual machine.



- Step 19

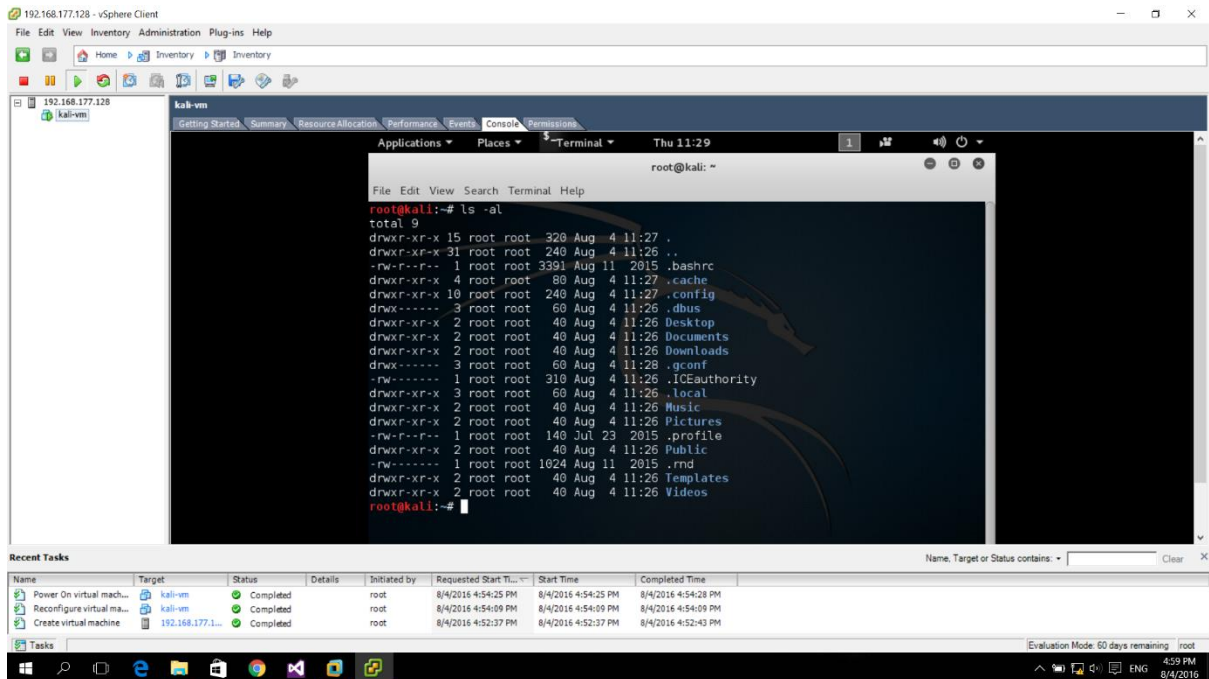
Go to the 'Console' tab and choose 'Live (amd64)'.

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



- Step 20

Open the terminal and type commands to check functioning.



- Step 21

Power off 'Kali'.

Shut Down 'ESXi'.

