Sri Lanka Institute of Information Technology

ESBPII – Assignment II

Bare Metal Virtual Machine Installation

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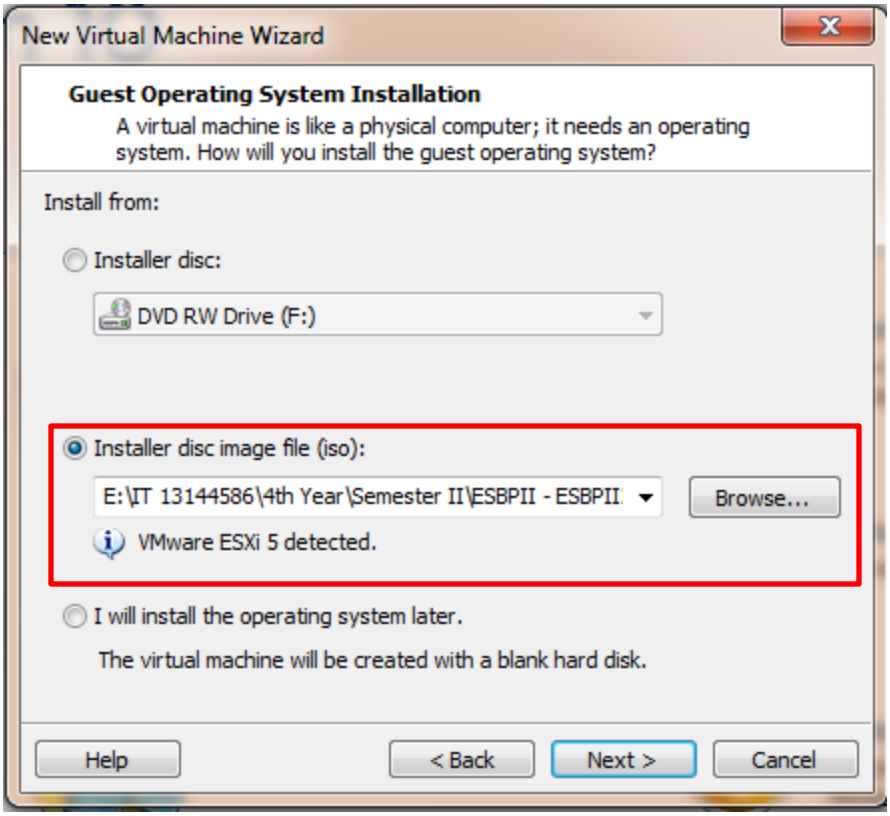
June Batch

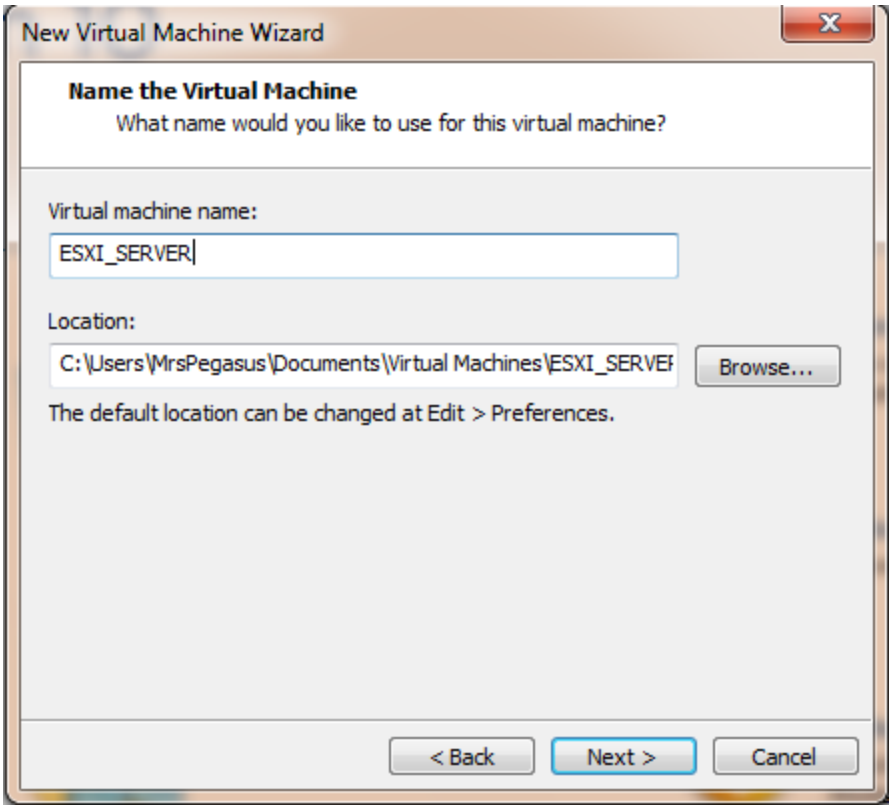
Install ESXI 5.x Image in VMware Workstation

First click **File > New Virtual Machine** from the VMware tool bar to open New Virtual Machine Wizard. Select **Typical** option and click next.

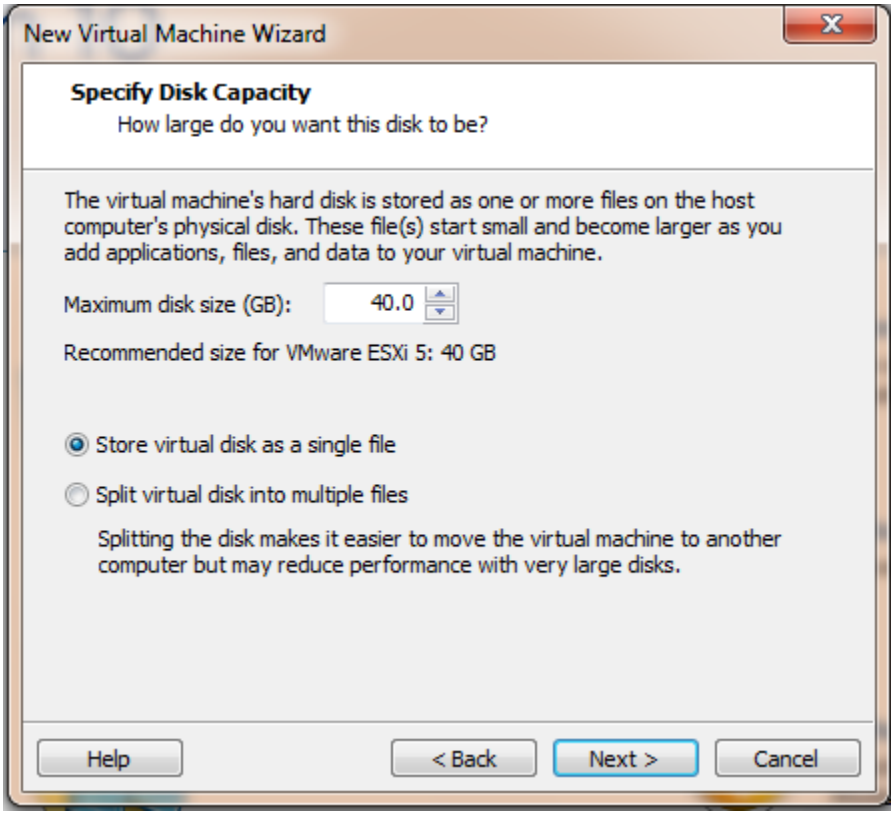
Select **Installer disc image file (ISO)**, and browse and open the ESXI ISO file. Then click next.

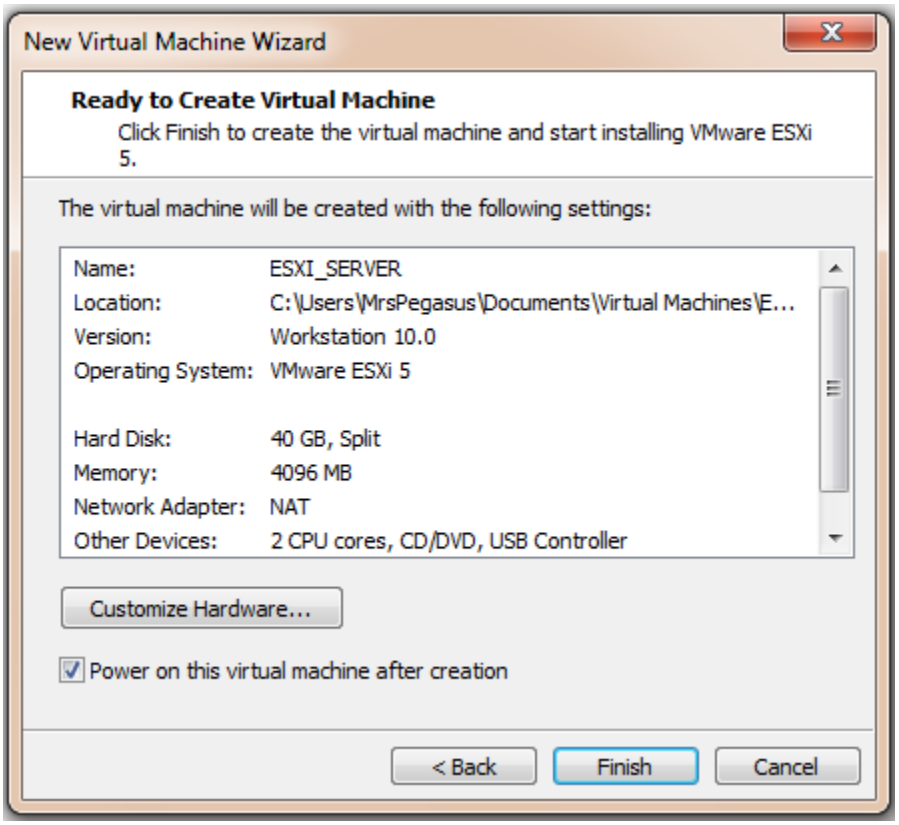


Give a name for the virtual machine and choose where to save it. Then click next.

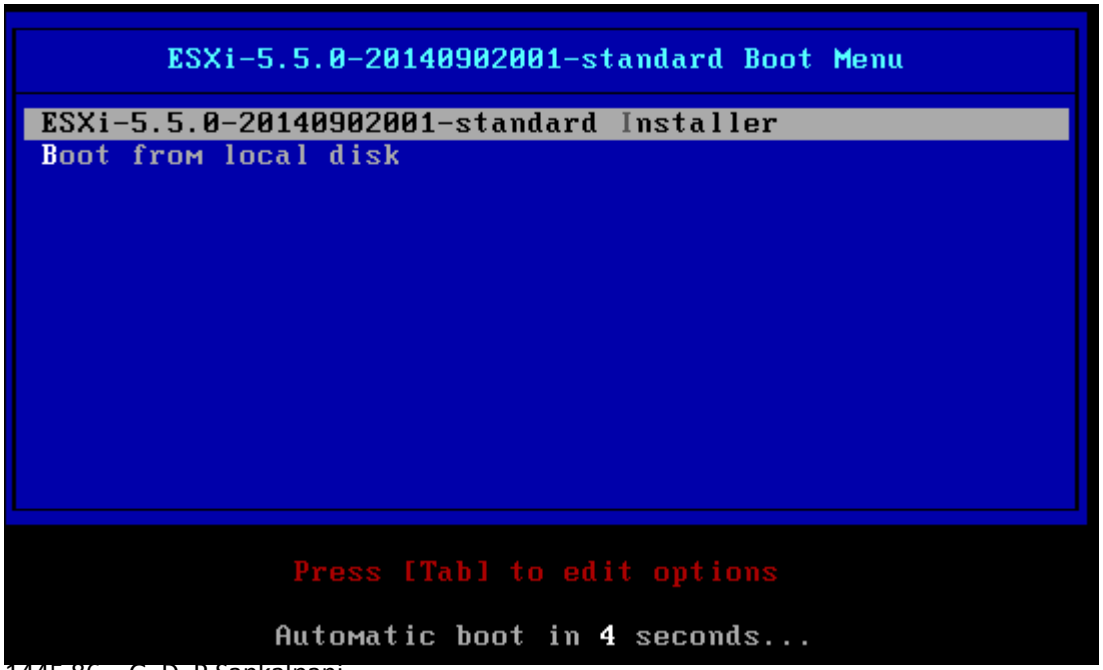


Keep the rest of the windows as it is and finally finish it.



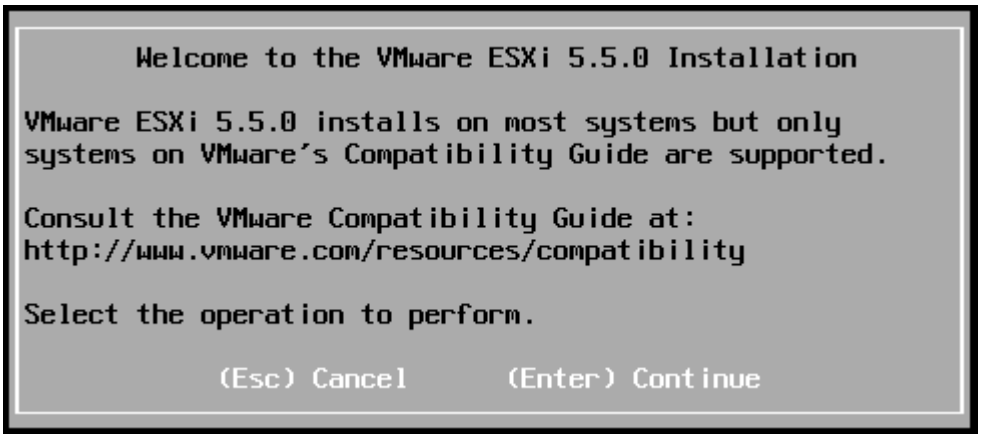


After you click finish in above window, the virtual machine will start. Choose **ESXi-5.5.0-20130902001-standard Installer** and press **Enter** or wait 5 seconds to start the boot process.

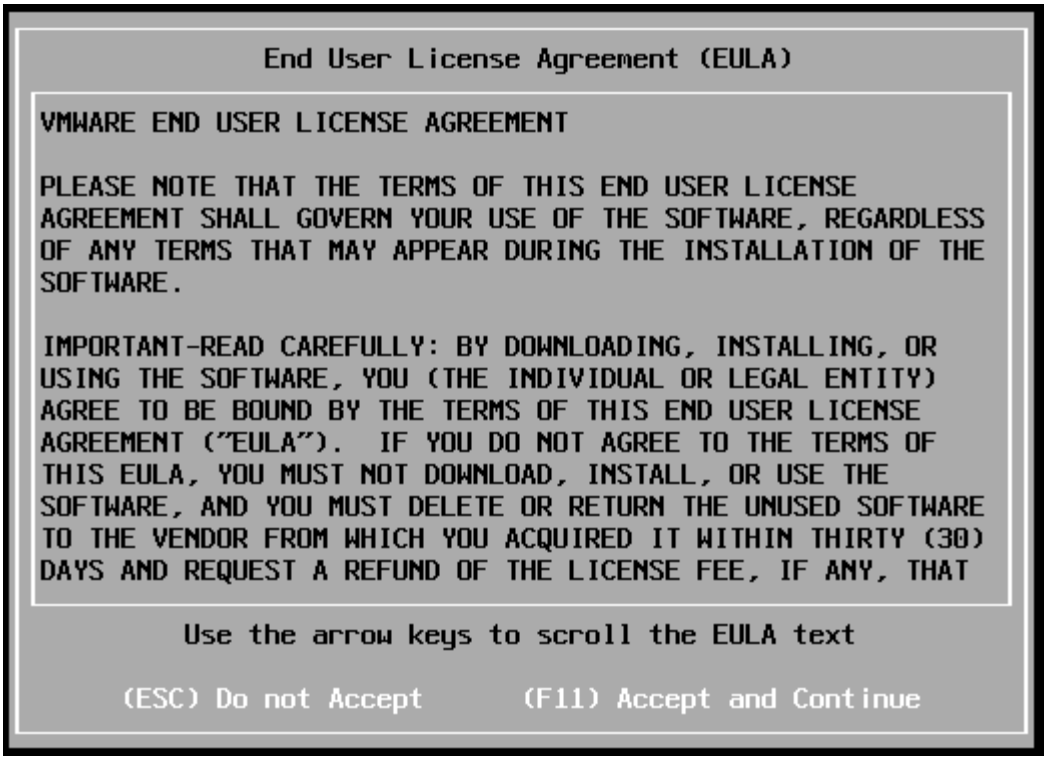


Let the virtual machine to load the ESXi installer.

On the welcome screen press **Enter** to continue.

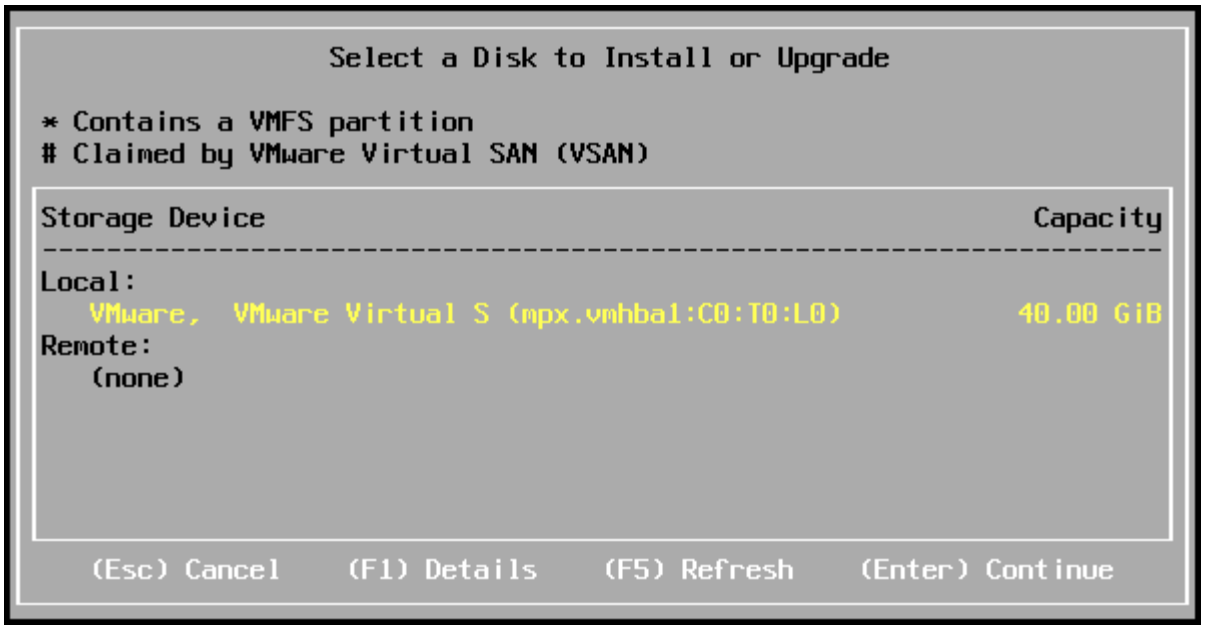


Press **F11** to accept the EULA and continue.

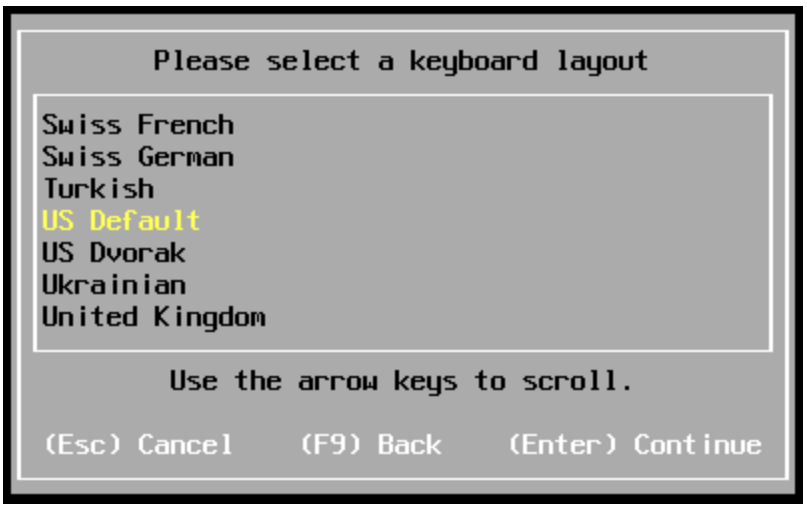


You may have to wait until it scans for available devices.

Select the virtual disk where you want to install, and press **Enter** to continue. You may leave this as it is.

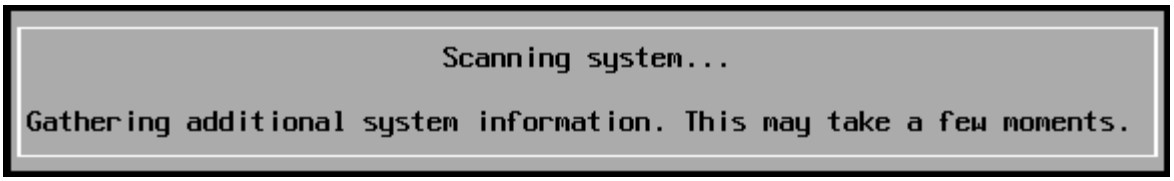


Select the keyboard layout and press **Enter** to continue.



Enter a root password. Press the **Down Arrow** key, and then enter the password again to confirm. Press **Enter** to continue.

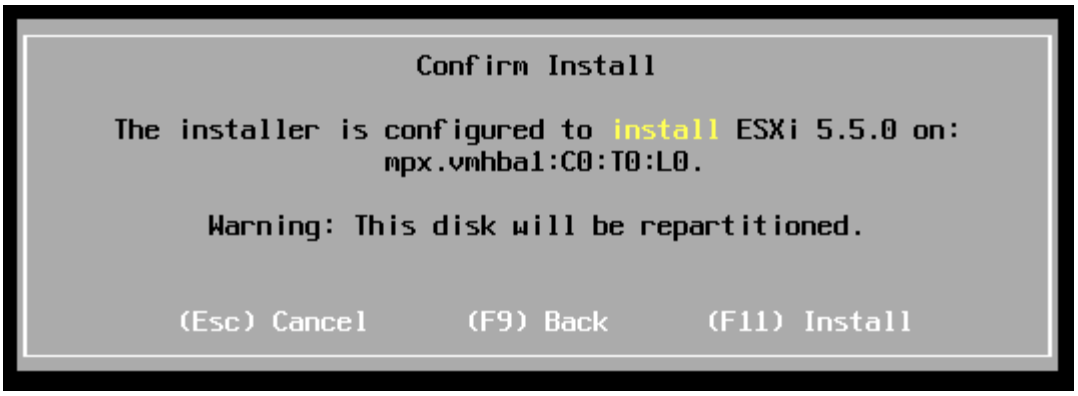
Wait until it gathers additional system information.

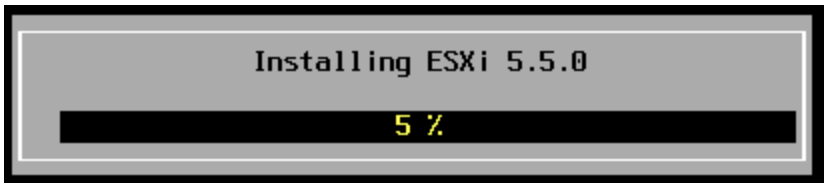


The following warning may appear. This message is expected. Press **Enter** to continue.

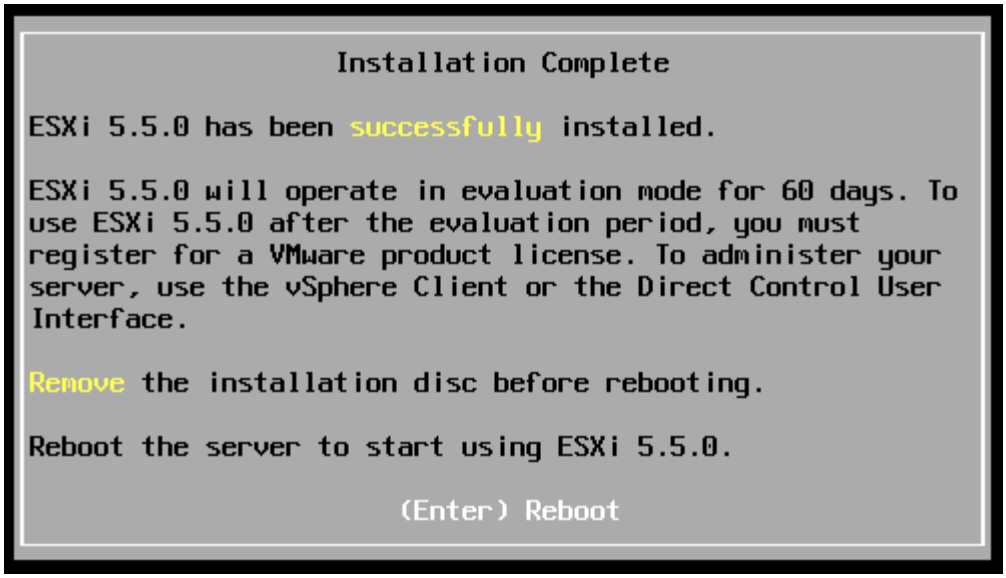
```
<HARDWARE_VIRTUALIZATION WARNING: Hardware Virtualization is not a feature
of the CPU, or is not enabled in the BIOS>
```

Confirm that the information on the screen is correct and then press **F11** to start the installation.

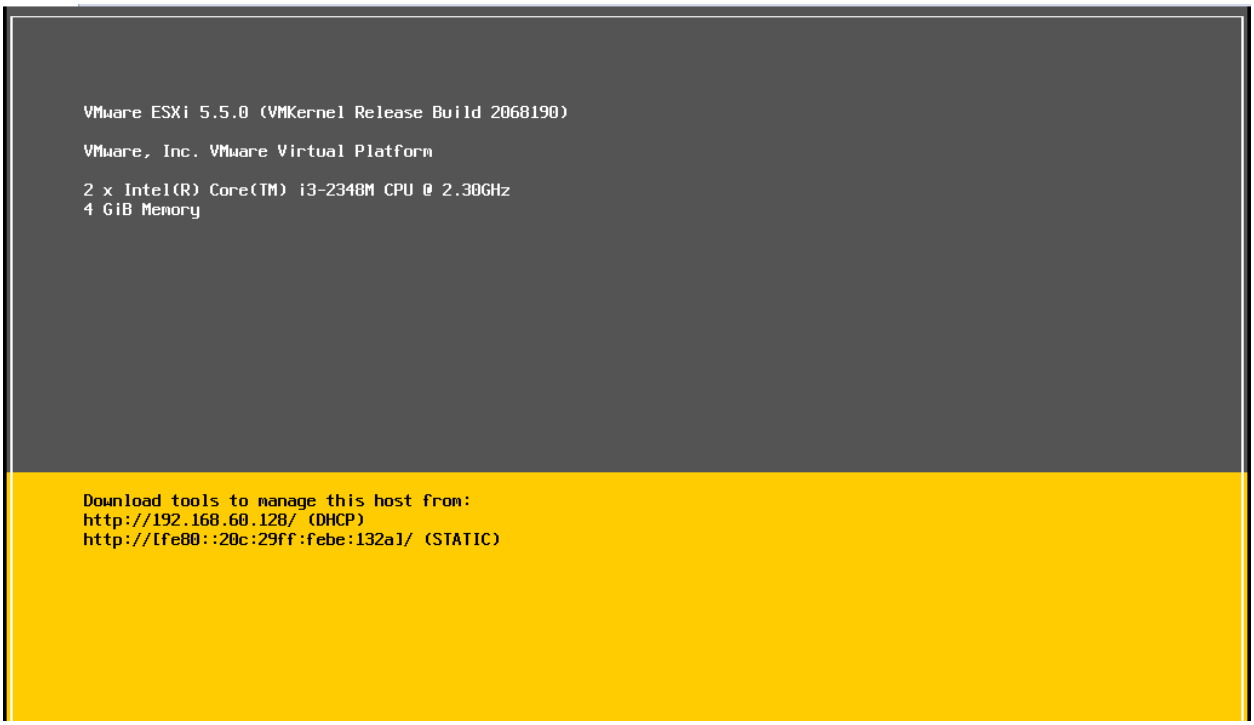




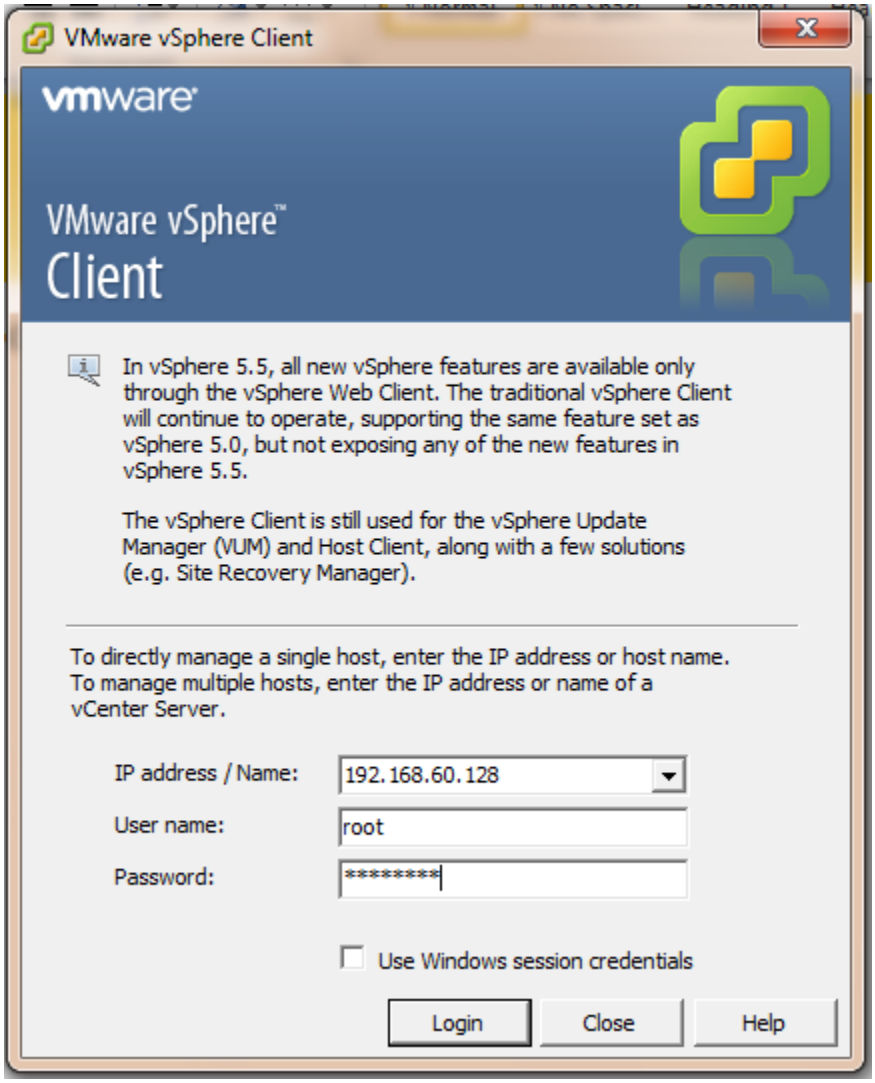
When the installation complete, press **Enter** to reboot.



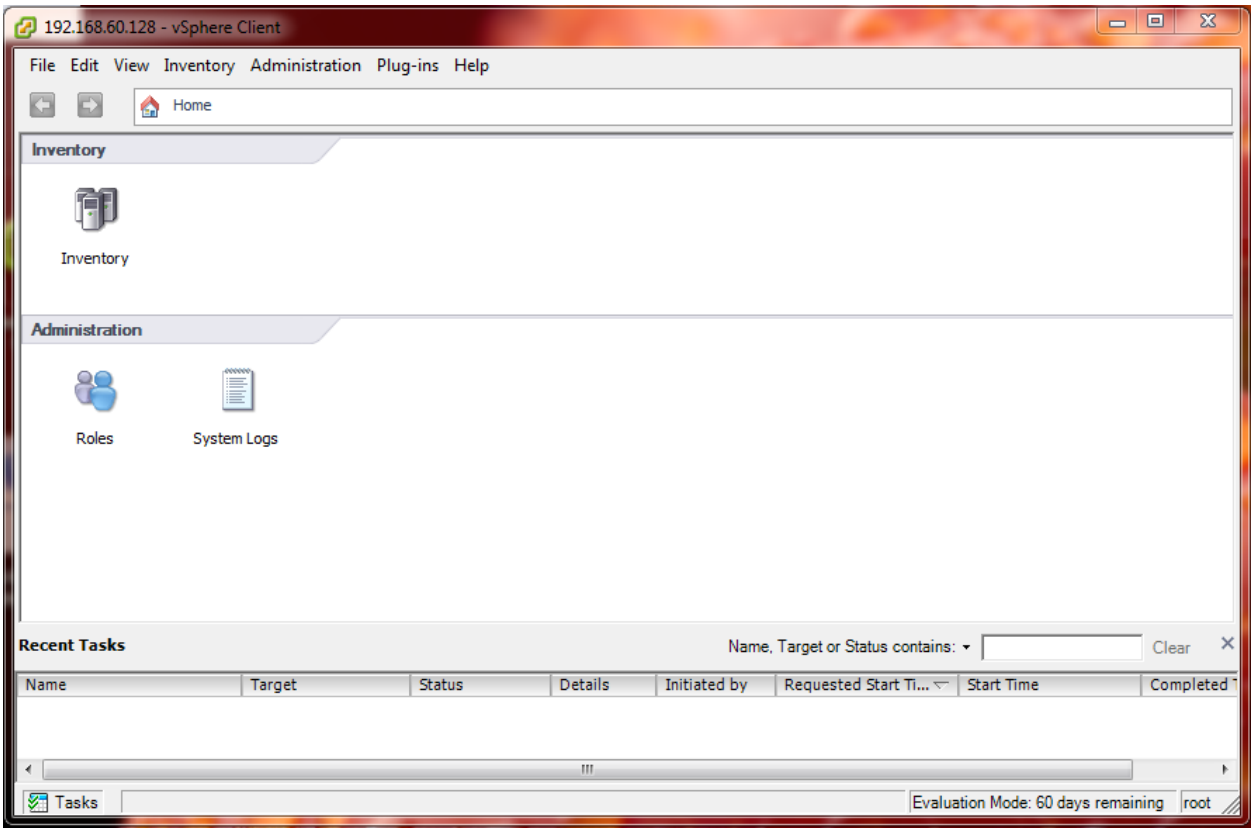
After reboot, the screen shows the link to download tools. Download vSphere **Client** and install it.



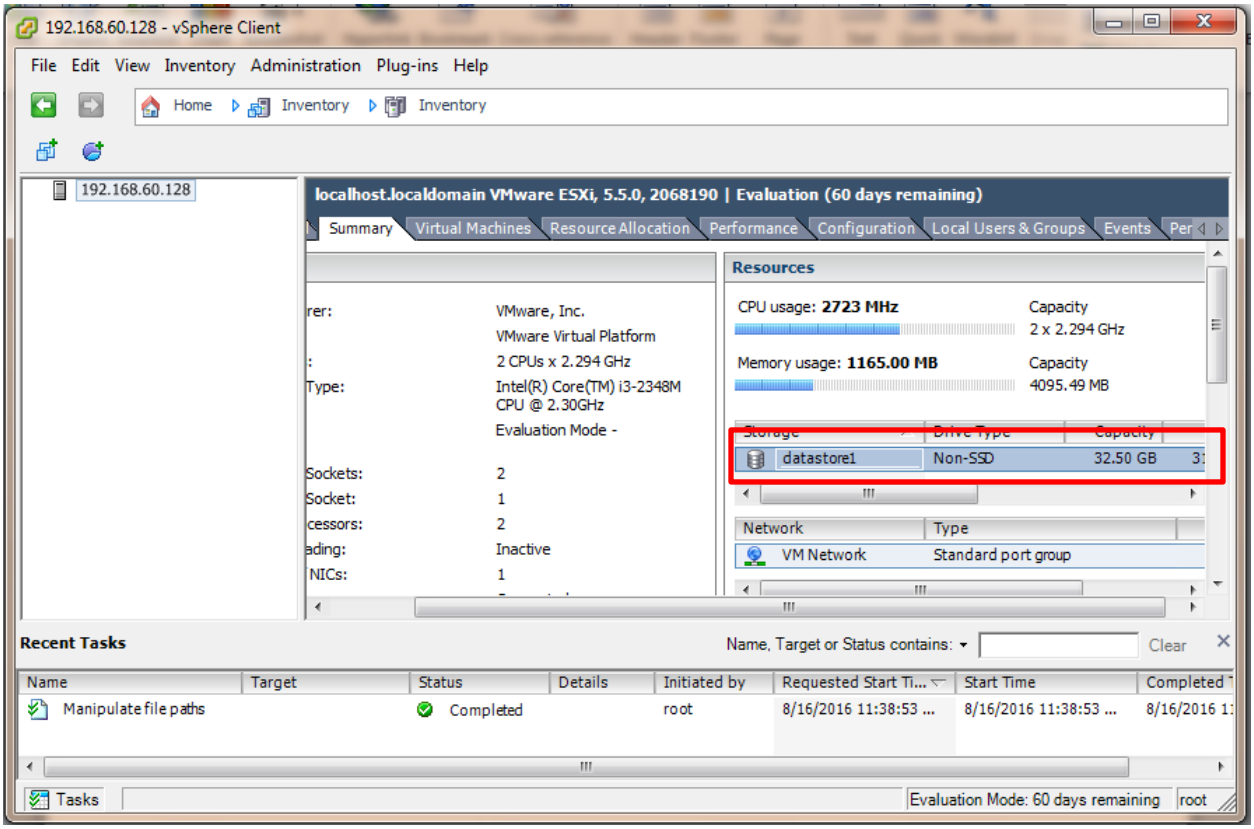
Open **vSphere Client** and provide the IP address previously assigned and the username (root) and the password.



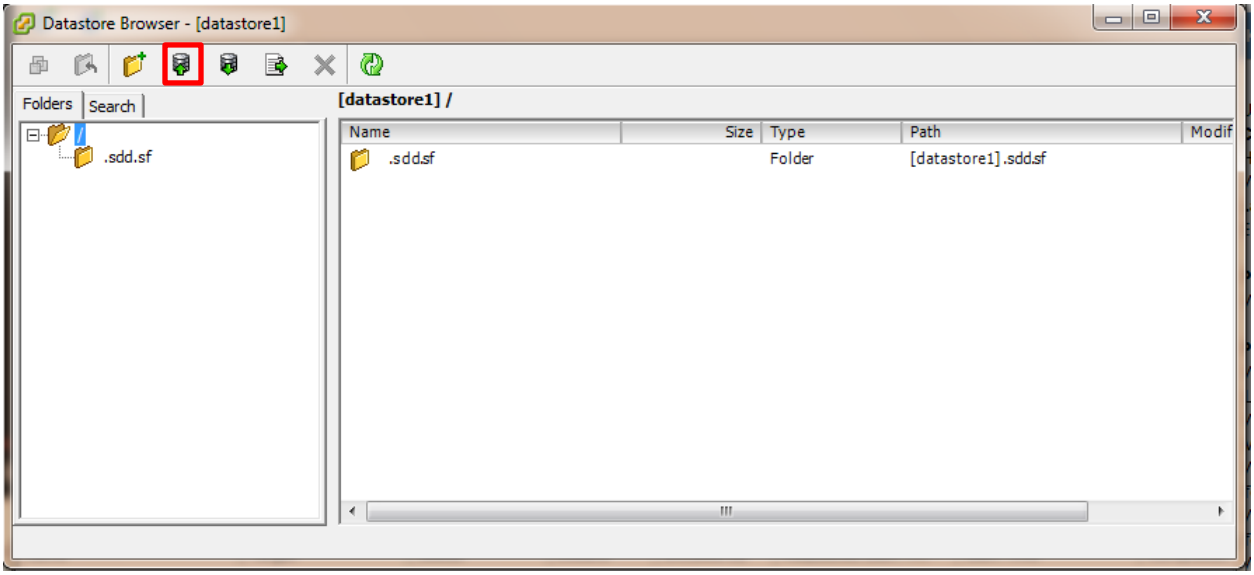
You'll get following window. Select **Inventory**.



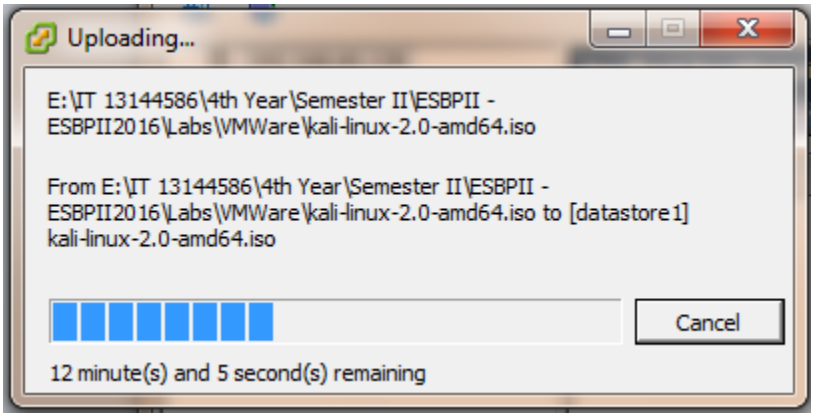
From Inventory window, select **Summary** tab. On the right side, there is a datastore. Right click it and select browse data store.



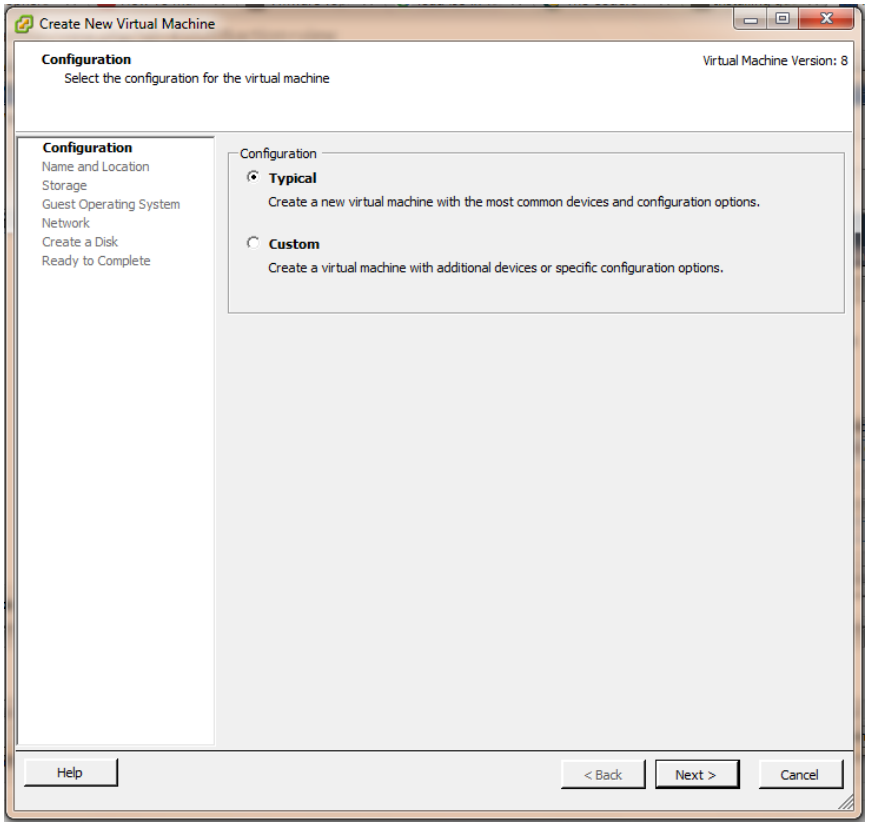
Select following icon and choose upload file and locate your ISO file.



Then it will upload Kali Linux OS image on to the virtual machine.



After upload finished, right click on the IP address and select **New Virtual Machine**. Then select **Typical** option and do the as follows. Click **Next**.

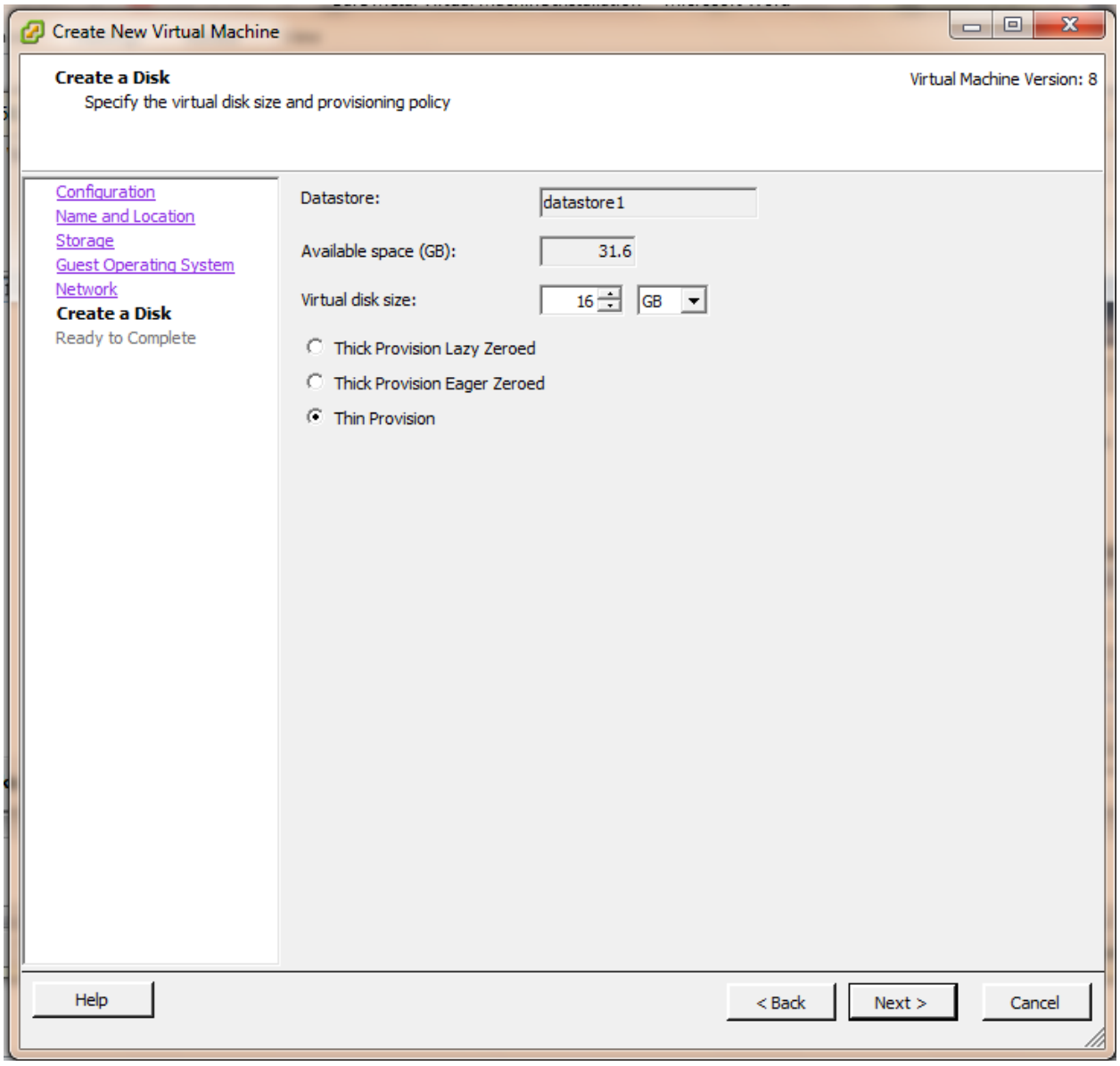


Provide a VM name and keep default values for **Storage**.

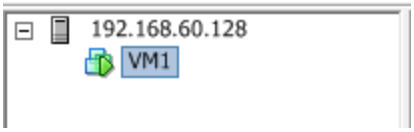
Select Linux option the **Guest Operating System** tab.

Keep the default values on the **Network** tab.

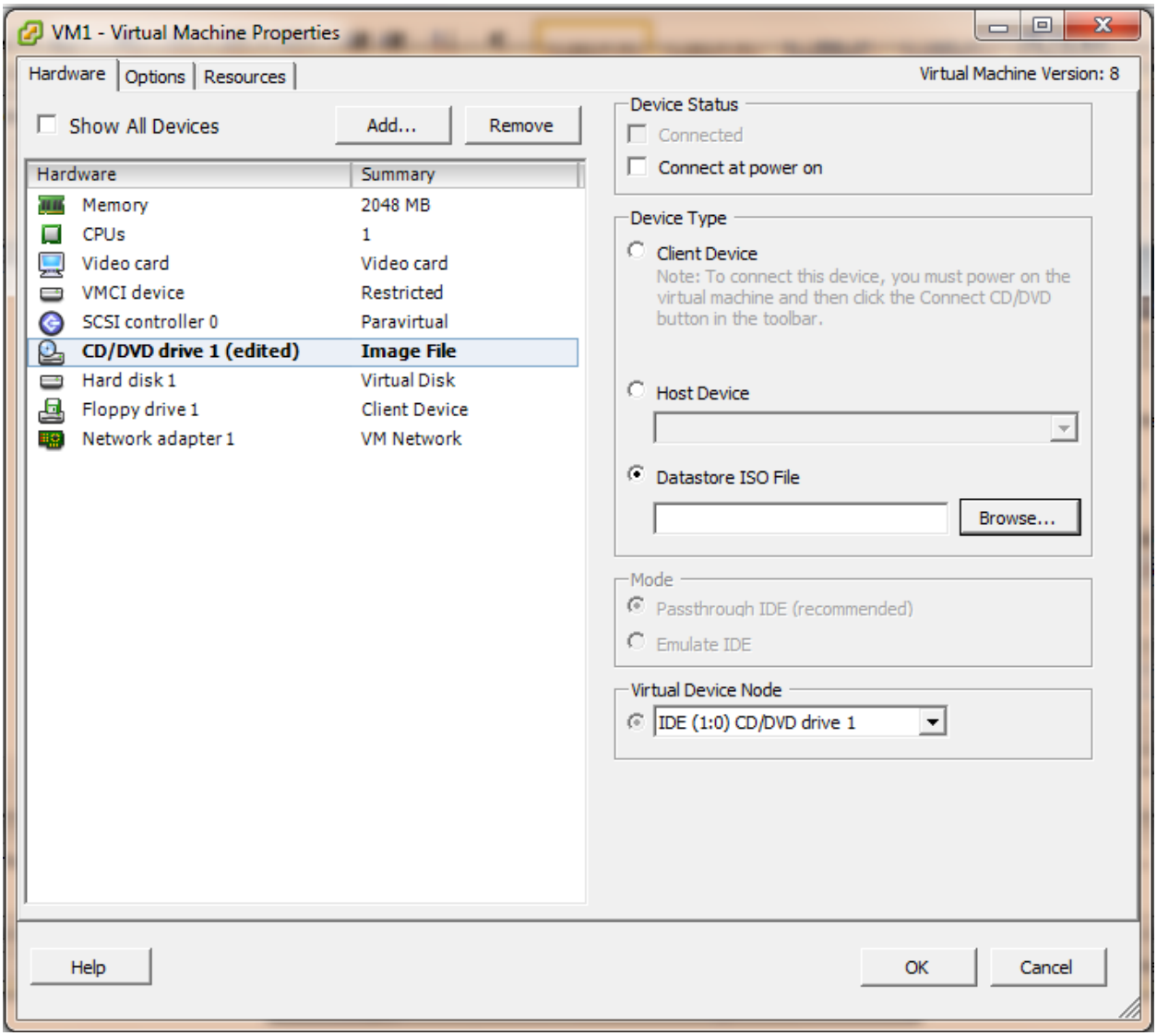
On the **Create a Disk** tab select **Thin Provision**. Click **Next** and finish the wizard



Now you can see the virtual machine you created on the left side under the IP address.



Right click on the virtual machine name and select **Edit Settings**. You'll get a window as follows. Select **CD/DVD drive**. On the right hand side select **Connect at power** on option under Device Status. Select **Datastore ISO File** under **Device Type** and browse the OS image under the datastore. Click **OK.**



Right click on the name of your virtual machine and click **Power > Power On.** Your virtual machine will be powered on. Click on the **Console** tab to view your virtual machine.