SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

Enterprise Standards and Best Practices for IT Infrastructure

4th Year 2nd Semester 2016

Baremetal Virtual machine Installation

Name: A.R.H Pramodi

SLIIT ID: IT13121020

Group Number: Group 02

Practical Session: <WD Friday>

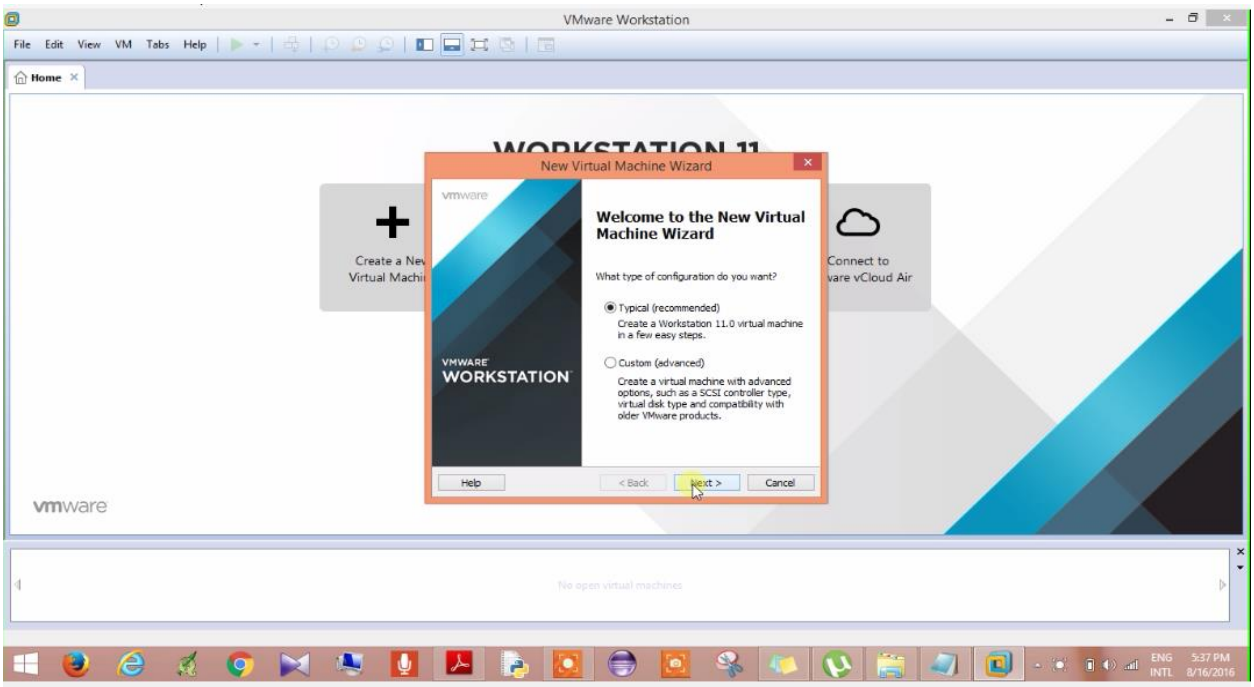
Practical Number : <Lab 3 >

Date of Submission: 16-08-2016

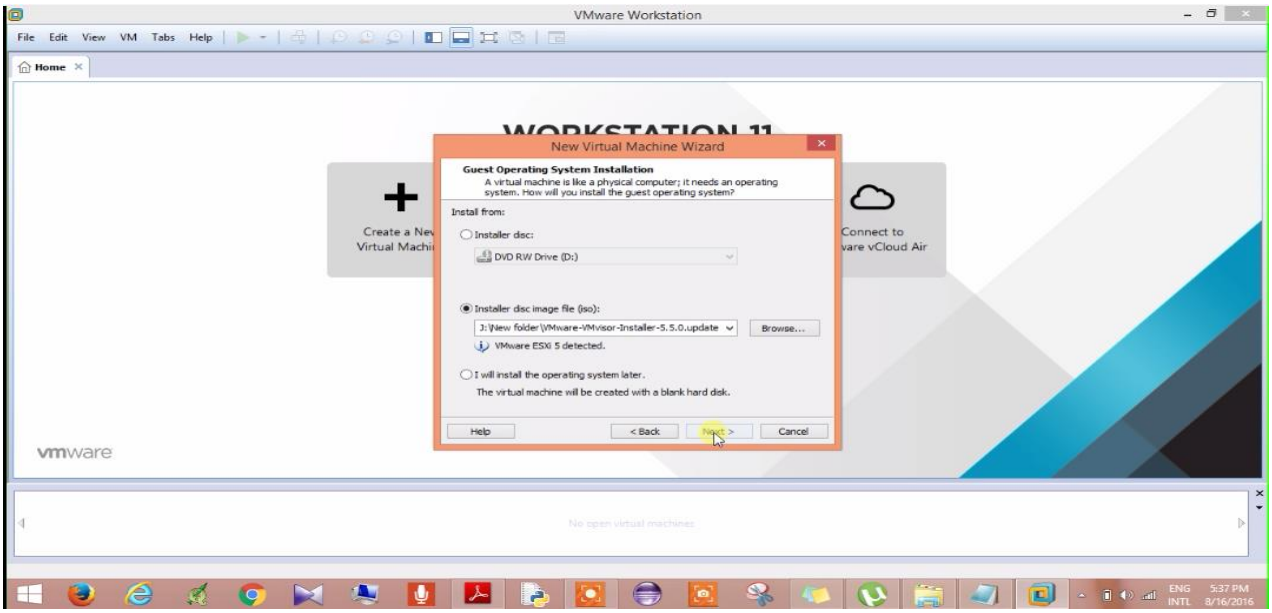
Date of Evaluation : _____

Evaluators Signature : _____

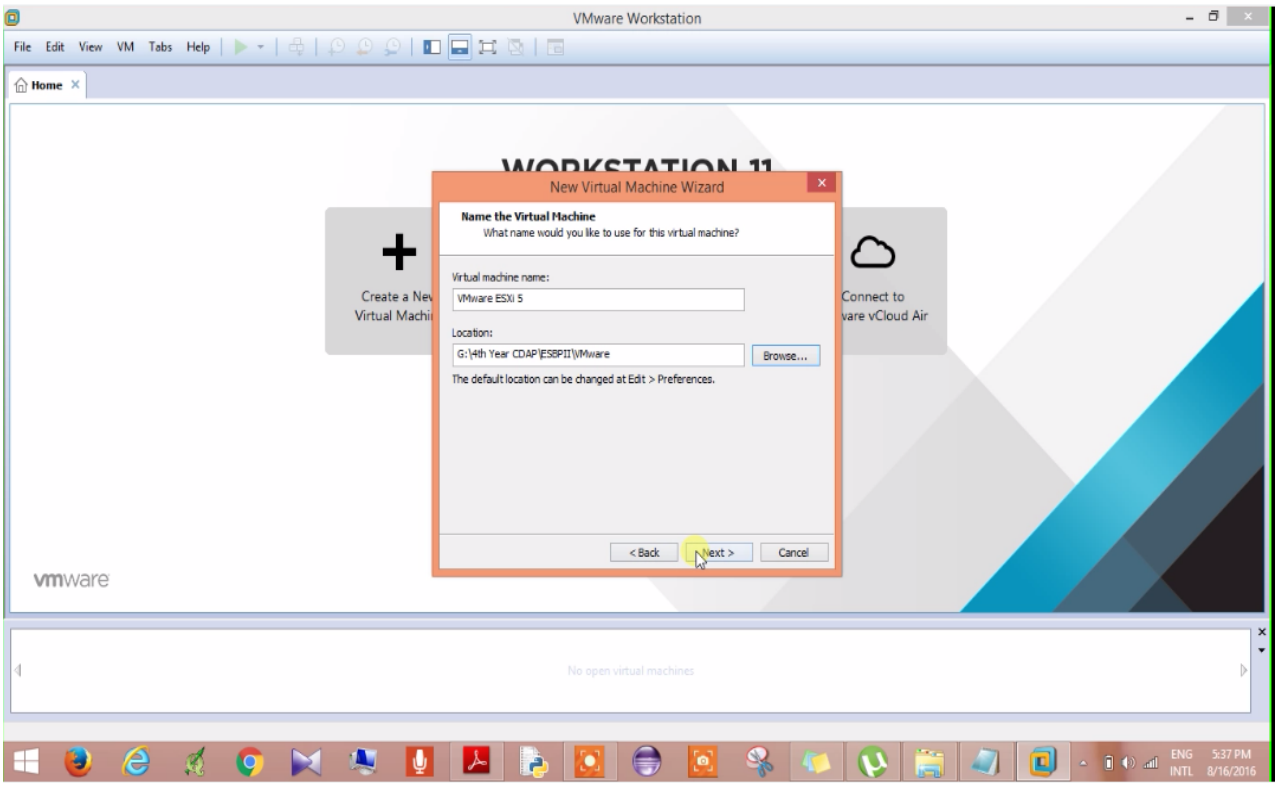
Select create new virtual machine. Click ‘Typical’



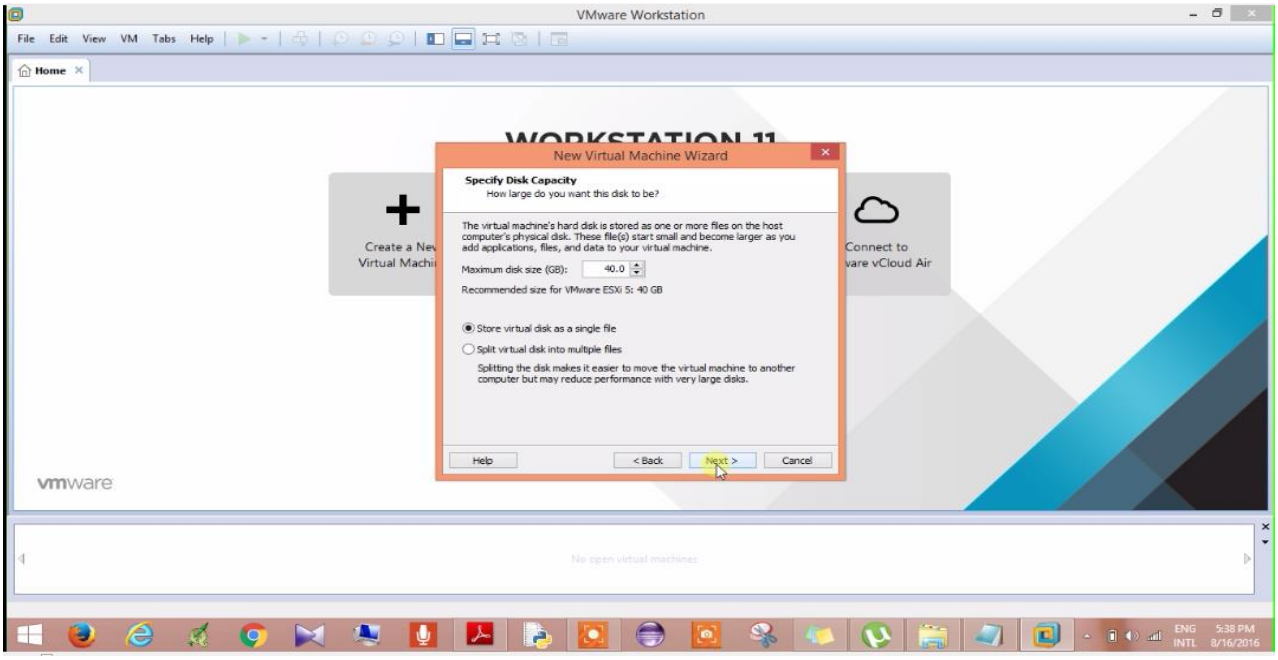
Click “Installer disc image file(iso)”. Browse for “VMware VMvisor Installer” . Select Location and click next



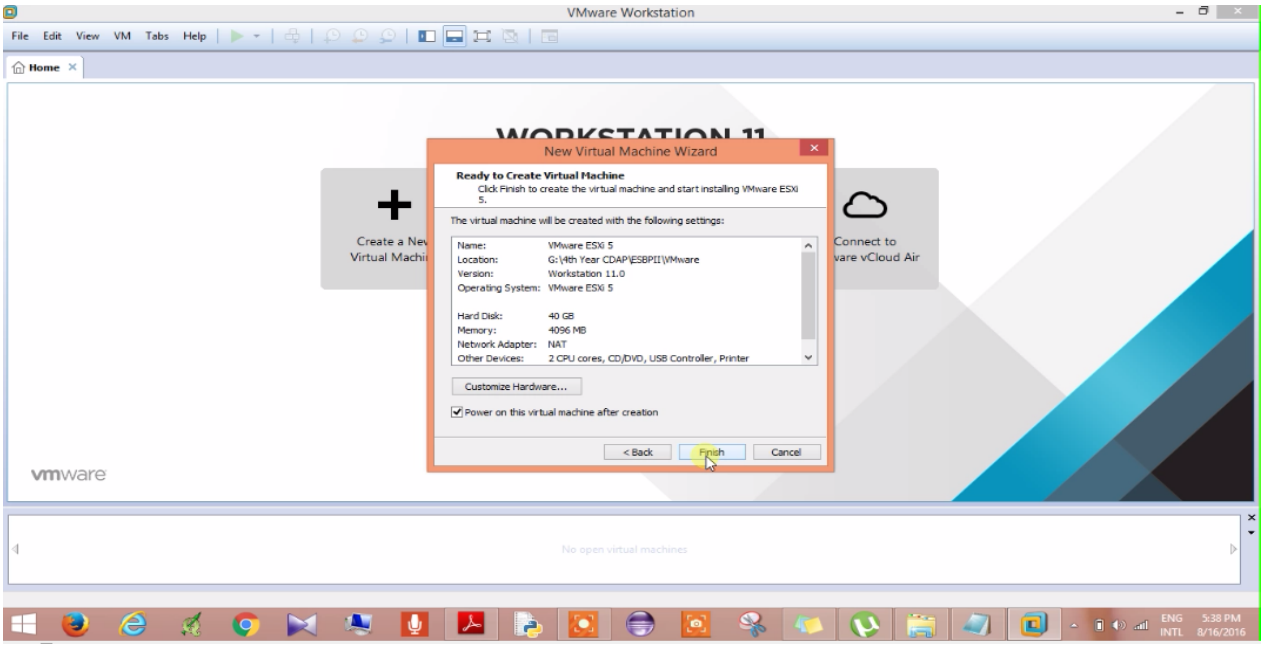
Give a preferable location for virtual machine

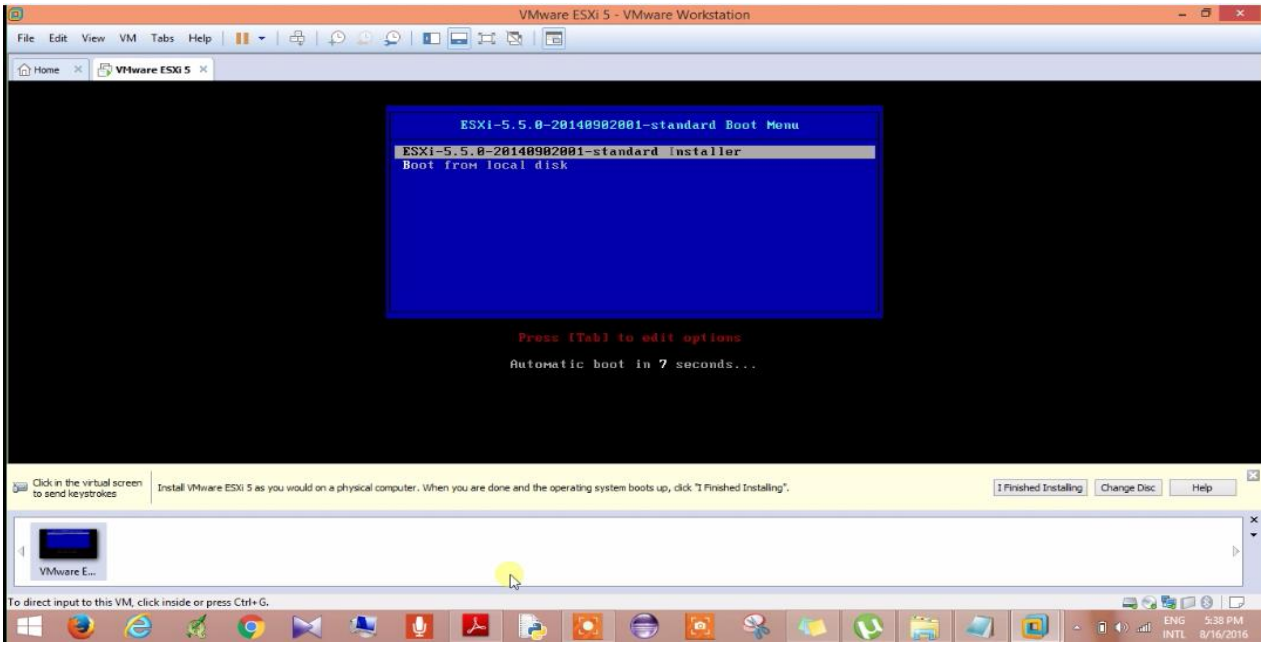


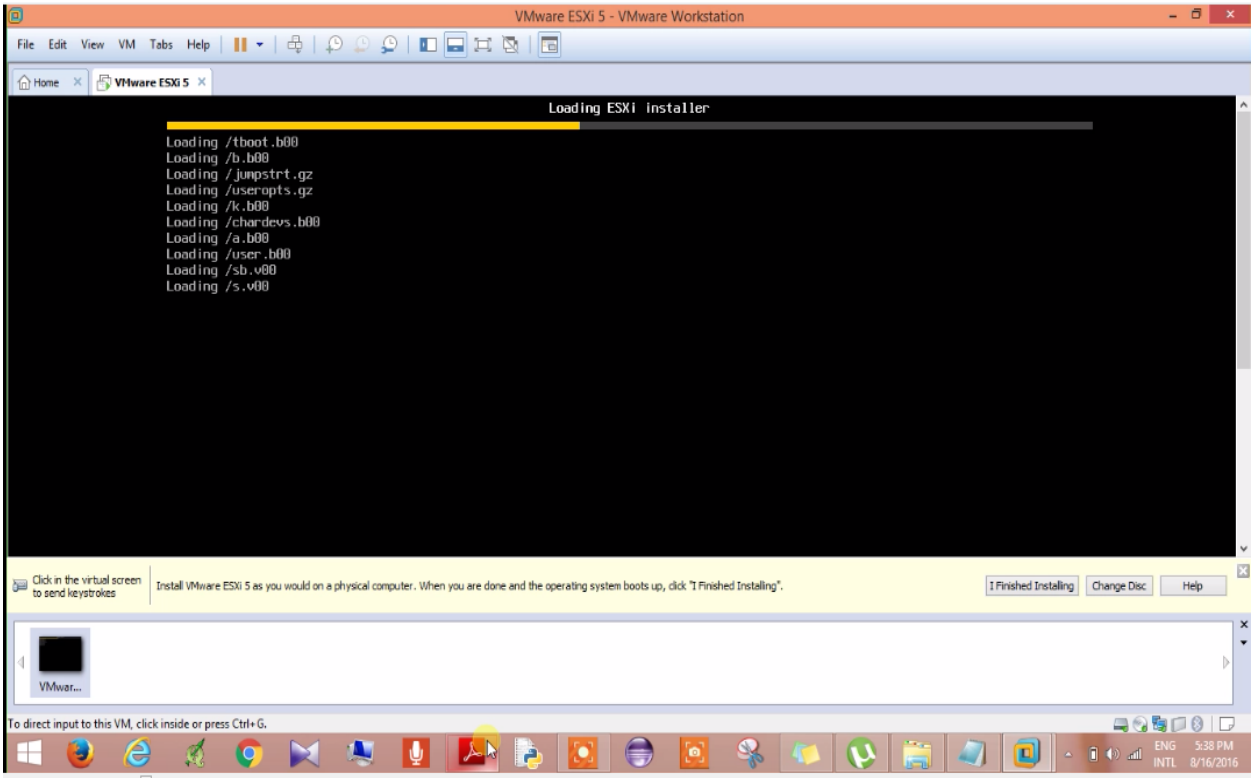
Specify Disk Capacity



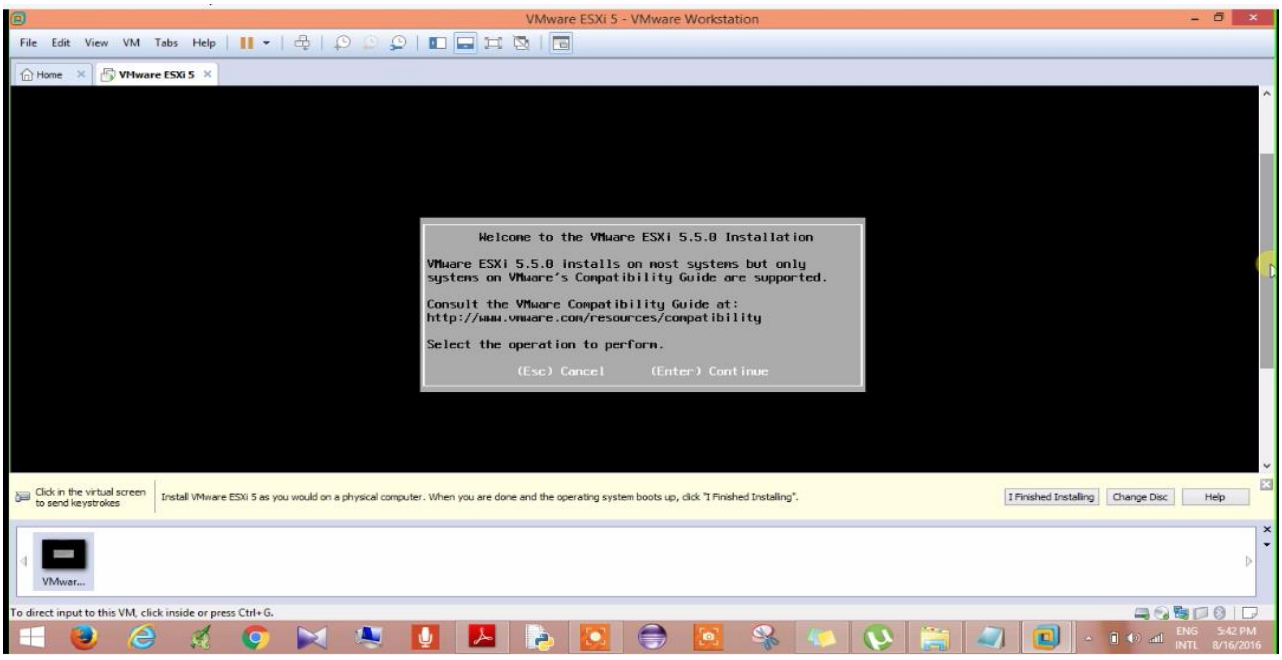
Click “Finish”

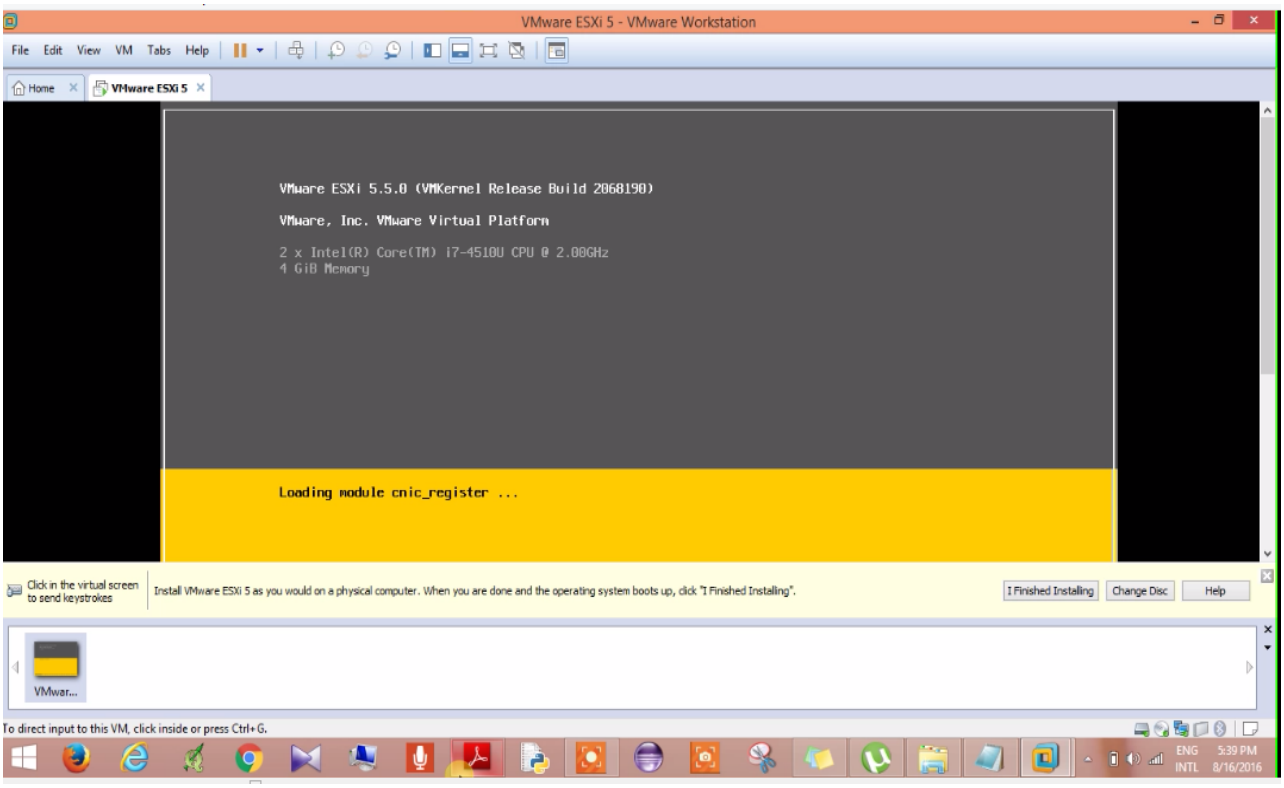




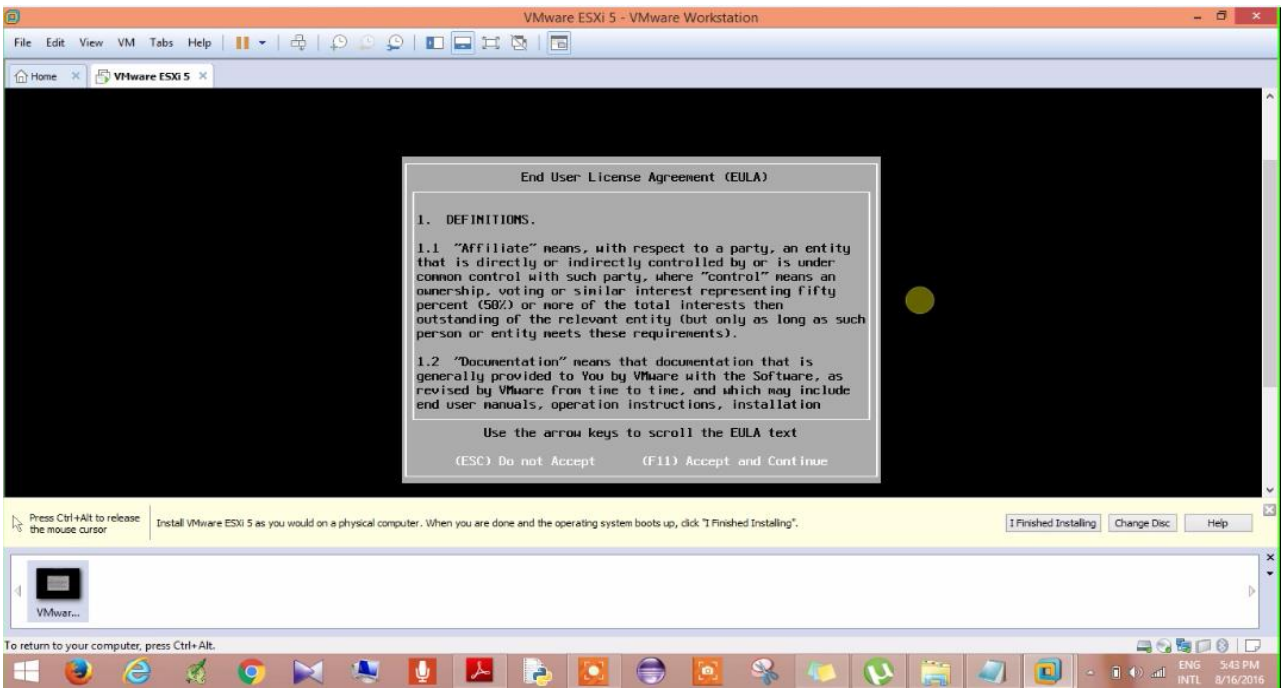

VMware ESXi 5 - VMware Workstation
File Edit View VM Tabs Help
Home
VMware ESXi 5
Loading ESXi installer
Loading /tboot.b00
Loading /b.b00
Loading /jumpstrt.gz
Loading /useropts.gz
Loading /k.b00
Loading /chardevs.b00
Loading /a.b00
Loading /user.b00
Loading /sb.v00
Loading /s.v00
Click in the virtual screen to send keystrokes
Install VMware ESXi 5 as you would on a physical computer. When you are done and the operating system boots up, click "I Finished Installing".
I Finished Installing
Change Disc
Help
VMwar...
To direct input to this VM, click inside or press Ctrl+G.
ENG INTL
5:38 PM 8/16/2016

Press “Enter”

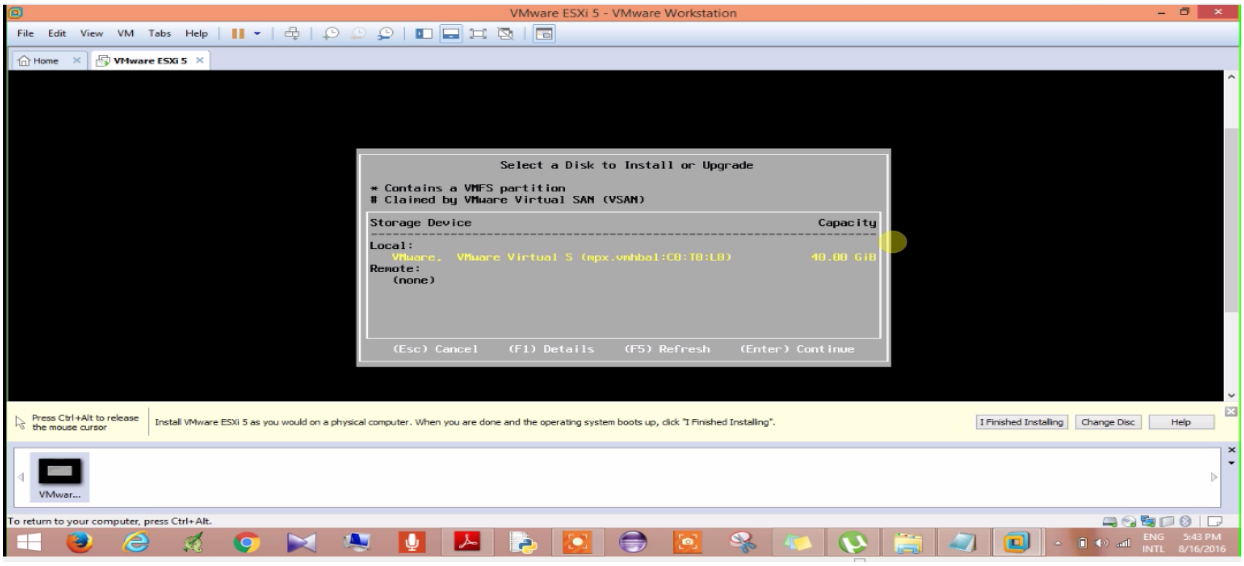

VMware ESXi 5 - VMware Workstation
File Edit View VM Tabs Help
Home
VMware ESXi 5
Welcome to the VMware ESXi 5.5.0 Installation
VMware ESXi 5.5.0 installs on most systems but only
systems on VMware's Compatibility Guide are supported.
Consult the VMware Compatibility Guide at:
http://www.vmware.com/resources/compatibility
Select the operation to perform.
(Esc) Cancel
(Enter) Continue
Click in the virtual screen to send keystrokes
Install VMware ESXi 5 as you would on a physical computer. When you are done and the operating system boots up, click "I Finished Installing".
I Finished Installing
Change Disc
Help
VMwar...
To direct input to this VM, click inside or press Ctrl+G.
ENG INTL
5:42 PM 8/16/2016


VMware ESXi 5 - VMware Workstation
File Edit View VM Tabs Help
Home
VMware ESXi 5
VMware ESXi 5.5.0 (VMKernel Release Build 2068190)
VMware, Inc. VMware Virtual Platform
2 x Intel(R) Core(TM) i7-4510U CPU @ 2.00GHz
4 GiB Memory
Loading module cnic_register ...
Click in the virtual screen to send keystrokes
Install VMware ESXi 5 as you would on a physical computer. When you are done and the operating system boots up, click "I Finished Installing".
I Finished Installing
Change Disc
Help
VMwar...
To direct input to this VM, click inside or press Ctrl+G.
ENG INTL 5:39 PM 8/16/2016

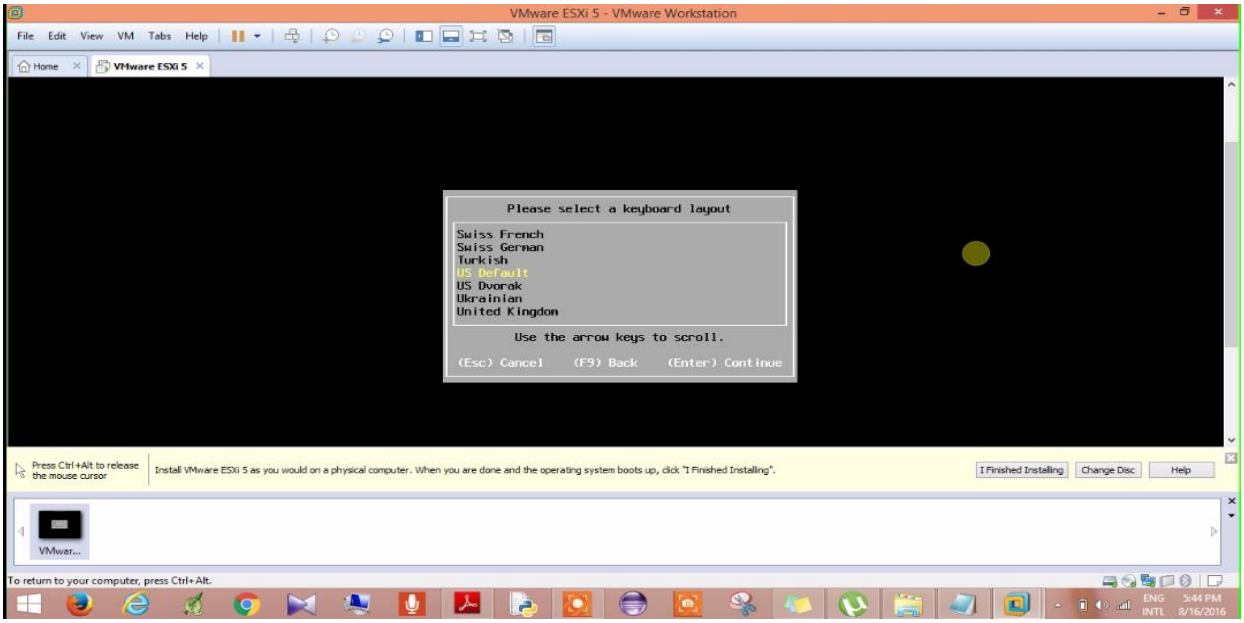
Enter “F11”


VMware ESXi 5 - VMware Workstation
File Edit View VM Tabs Help
Home
VMware ESXi 5
End User License Agreement (EULA)
1. DEFINITIONS.
1.1 "Affiliate" means, with respect to a party, an entity that is directly or indirectly controlled by or is under common control with such party, where "control" means an ownership, voting or similar interest representing fifty percent (50%) or more of the total interests then outstanding of the relevant entity (but only as long as such person or entity meets these requirements).
1.2 "Documentation" means that documentation that is generally provided to You by VMware with the Software, as revised by VMware from time to time, and which may include end user manuals, operation instructions, installation
Use the arrow keys to scroll the EULA text
(ESC) Do not Accept (F11) Accept and Continue
Press Ctrl+Alt to release the mouse cursor
Install VMware ESXi 5 as you would on a physical computer. When you are done and the operating system boots up, click "I Finished Installing".
I Finished Installing
Change Disc
Help
VMwar...
To return to your computer, press Ctrl+Alt.
ENG INTL 5:43 PM 8/16/2016

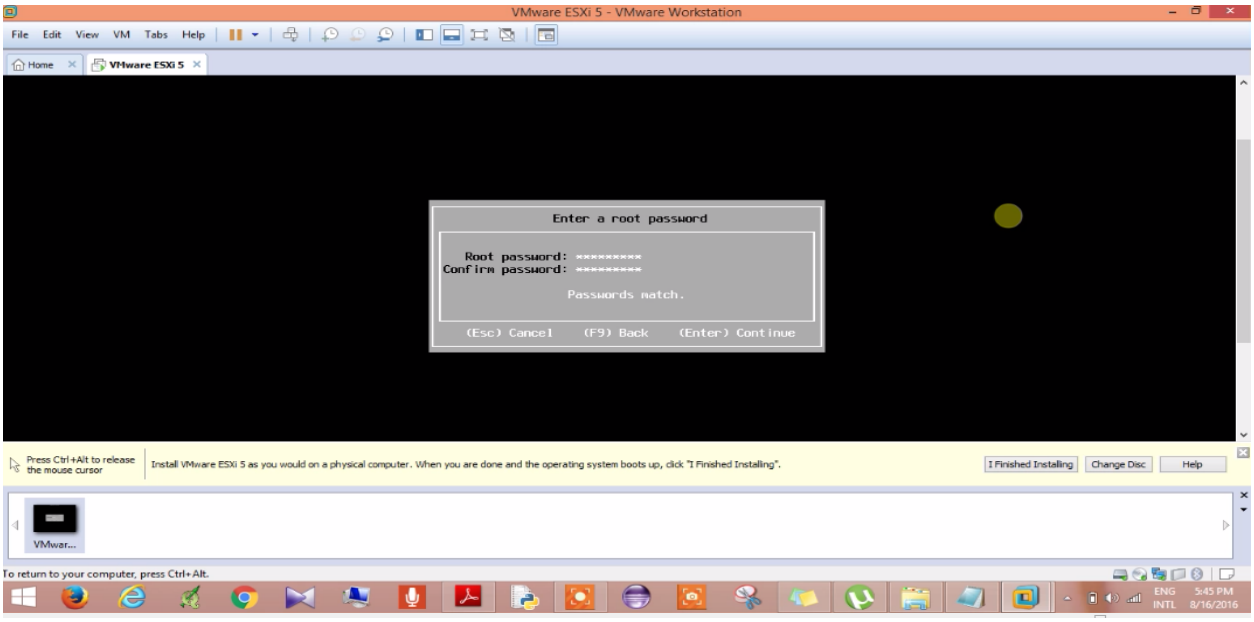
Press “Enter”



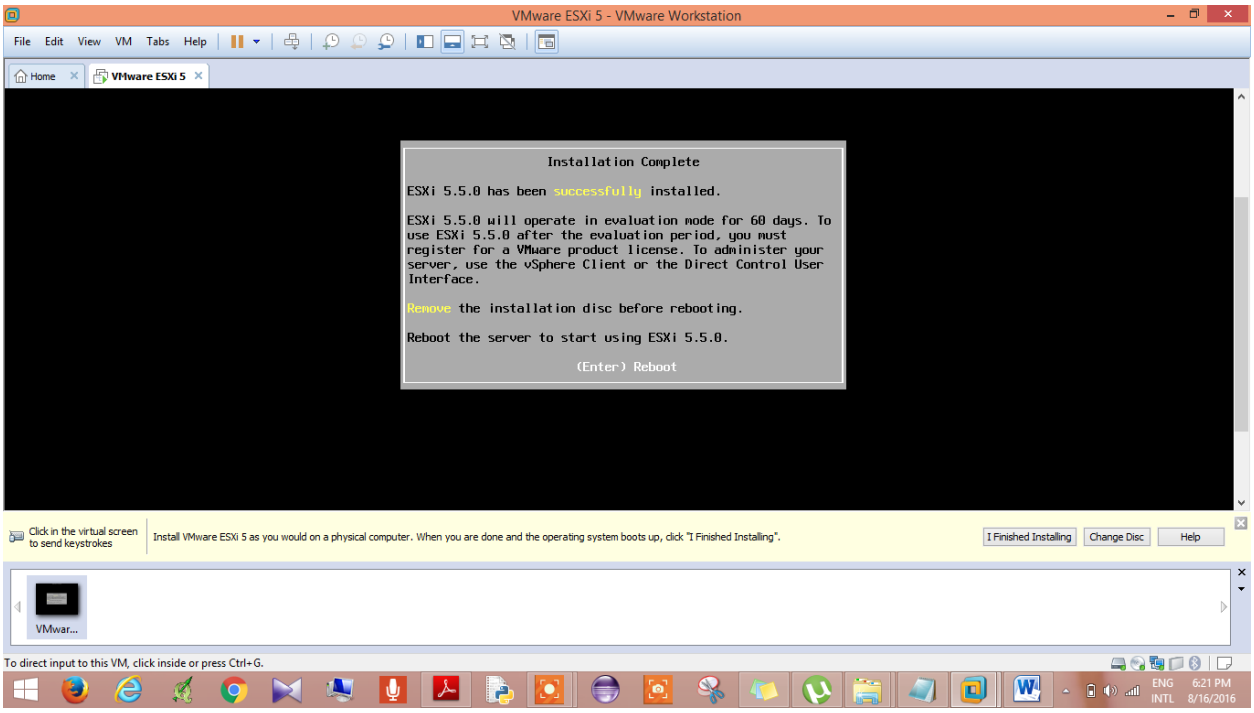
Press “Enter”

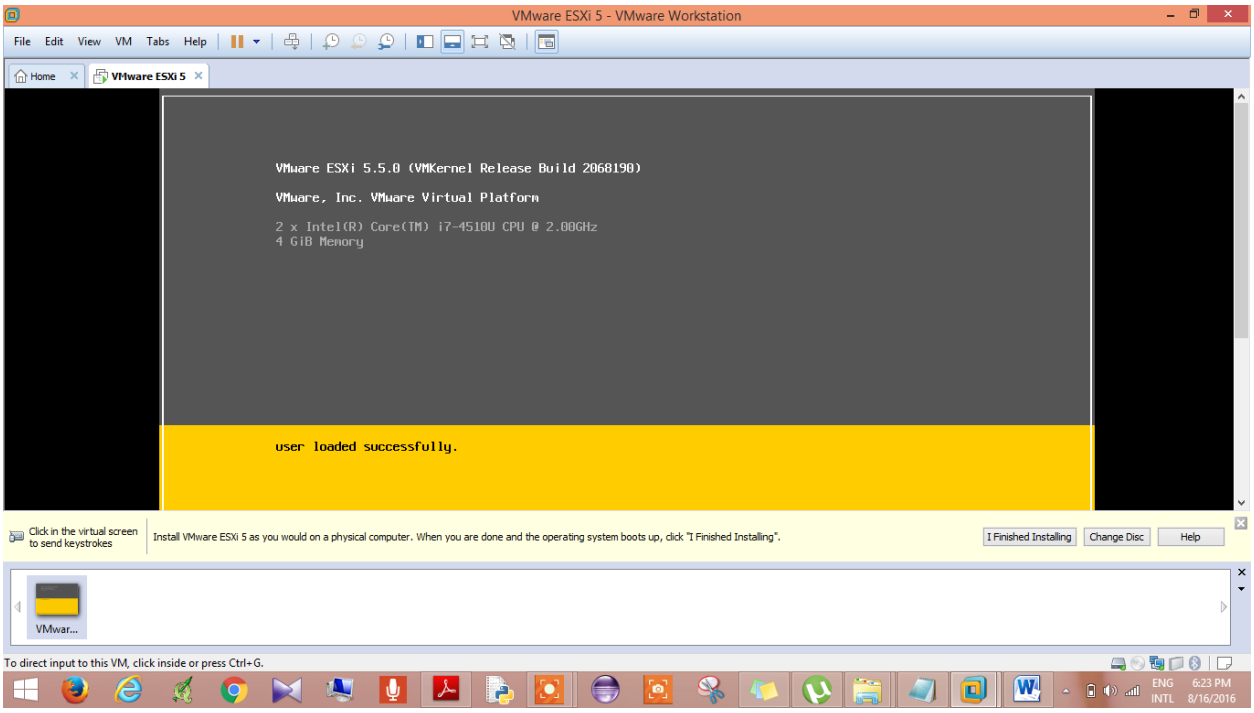


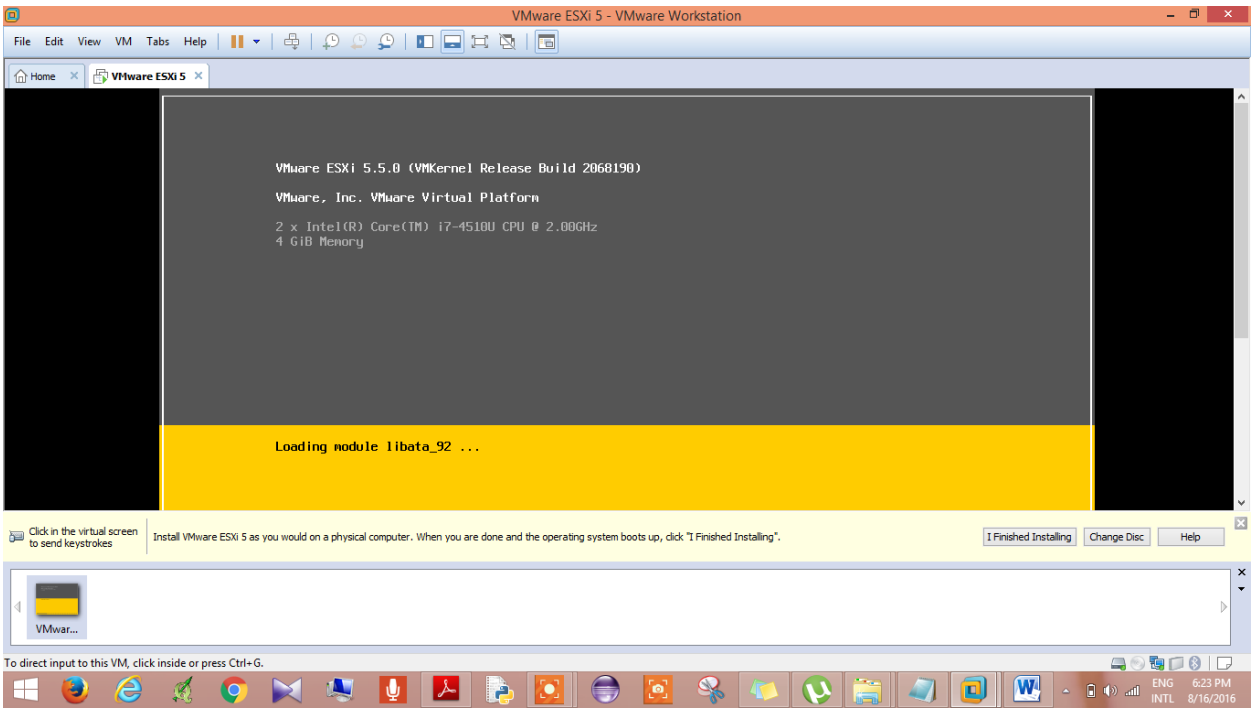
Enter root password. Press “Enter”

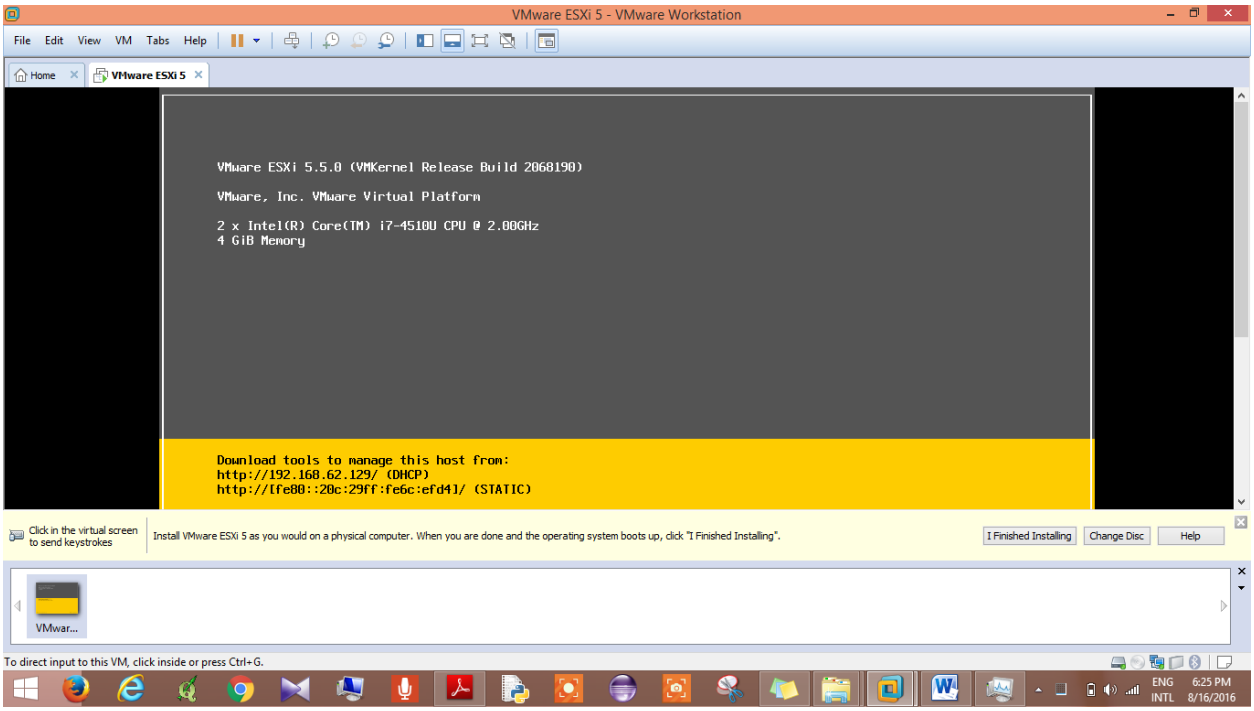


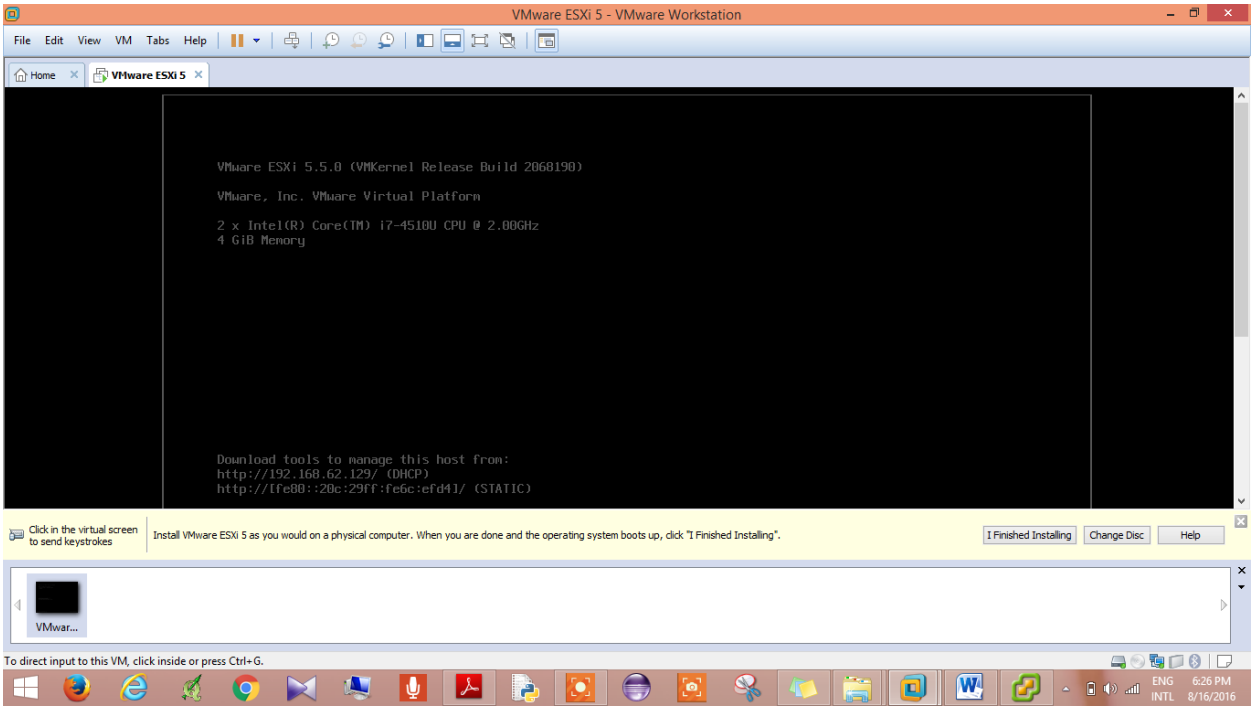
Press “Enter” to Reboot



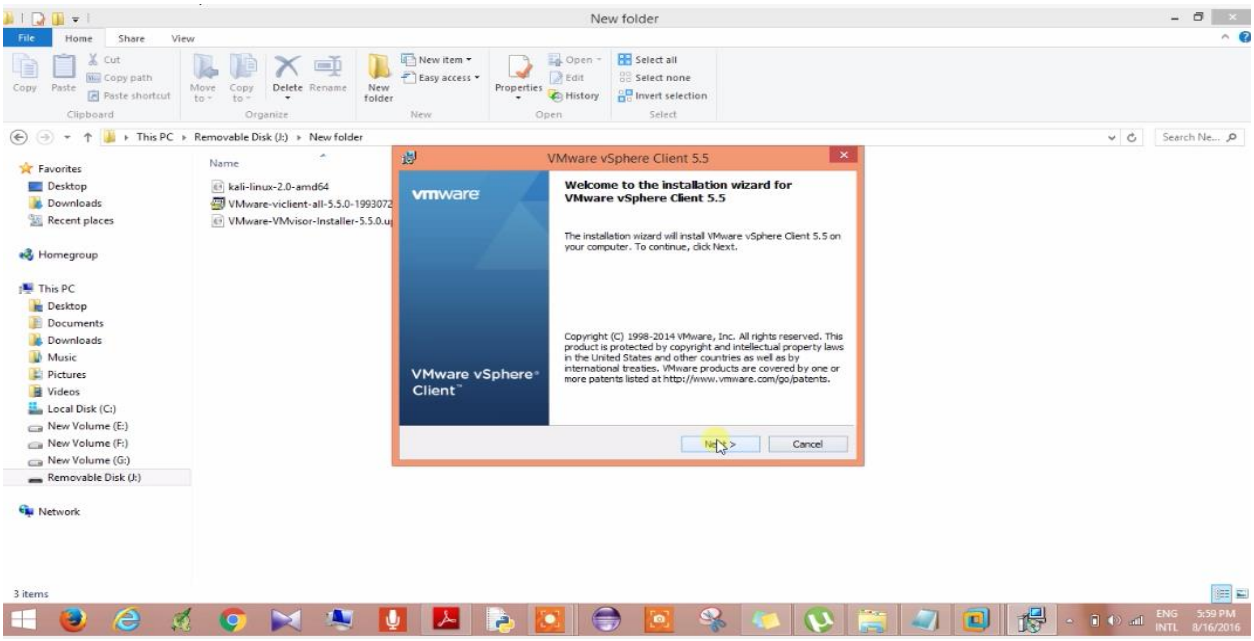

VMware ESXi 5 - VMware Workstation
File Edit View VM Tabs Help
Home
VMware ESXi 5
VMware ESXi 5.5.0 (VMKernel Release Build 2068190)
VMware, Inc. VMware Virtual Platform
2 x Intel(R) Core(TM) i7-4510U CPU @ 2.00GHz
4 GiB Memory
user loaded successfully.
Click in the virtual screen to send keystrokes
Install VMware ESXi 5 as you would on a physical computer. When you are done and the operating system boots up, click "I Finished Installing".
I Finished Installing
Change Disc
Help
VMwar...
To direct input to this VM, click inside or press Ctrl+G.
ENG INTL
6:23 PM 8/16/2016


VMware ESXi 5 - VMware Workstation
File Edit View VM Tabs Help
Home
VMware ESXi 5
VMware ESXi 5.5.0 (VMKernel Release Build 2068190)
VMware, Inc. VMware Virtual Platform
2 x Intel(R) Core(TM) i7-4510U CPU @ 2.00GHz
4 GiB Memory
Loading module libata_92 ...
Click in the virtual screen to send keystrokes
Install VMware ESXi 5 as you would on a physical computer. When you are done and the operating system boots up, click "I Finished Installing".
I Finished Installing
Change Disc
Help
VMwar...
To direct input to this VM, click inside or press Ctrl+G.
ENG INTL
6:23 PM 8/16/2016

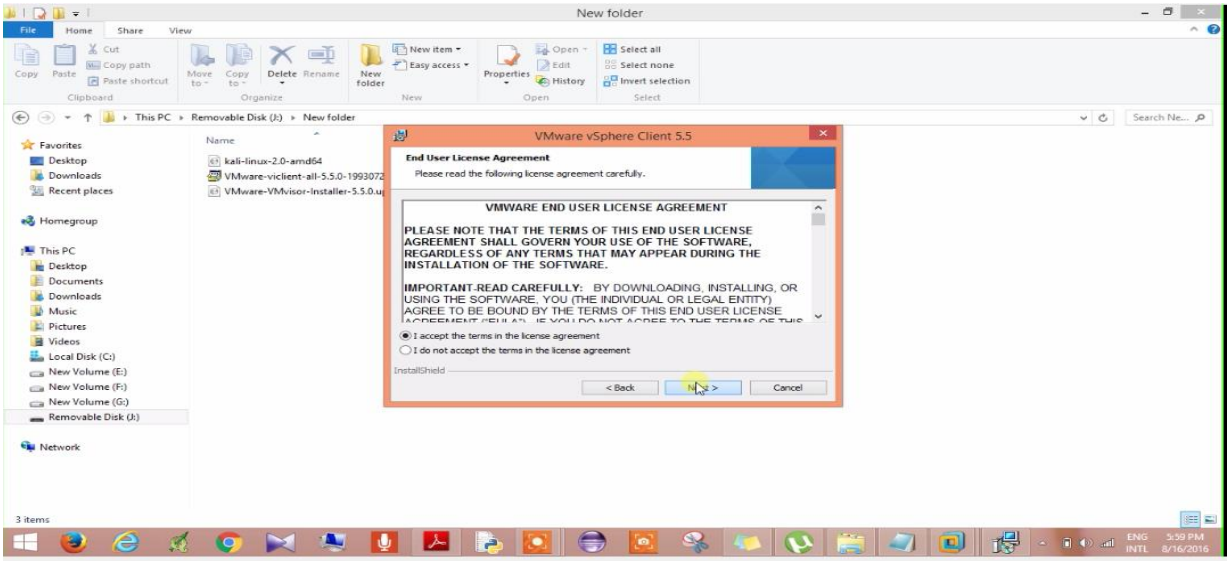

VMware ESXi 5 - VMware Workstation
File Edit View VM Tabs Help
Home
VMware ESXi 5
VMware ESXi 5.5.0 (VMKernel Release Build 2068190)
VMware, Inc. VMware Virtual Platform
2 x Intel(R) Core(TM) i7-4510U CPU @ 2.00GHz
4 GiB Memory
Download tools to manage this host from:
http://192.168.62.129/ (DHCP)
http://[fe80::20c:29ff:fe6c:efd41/ (STATIC)
Click in the virtual screen to send keystrokes
Install VMware ESXi 5 as you would on a physical computer. When you are done and the operating system boots up, click "I Finished Installing".
I Finished Installing
Change Disc
Help
VMwar...
To direct input to this VM, click inside or press Ctrl+G.
ENG INTL 6:25 PM 8/16/2016

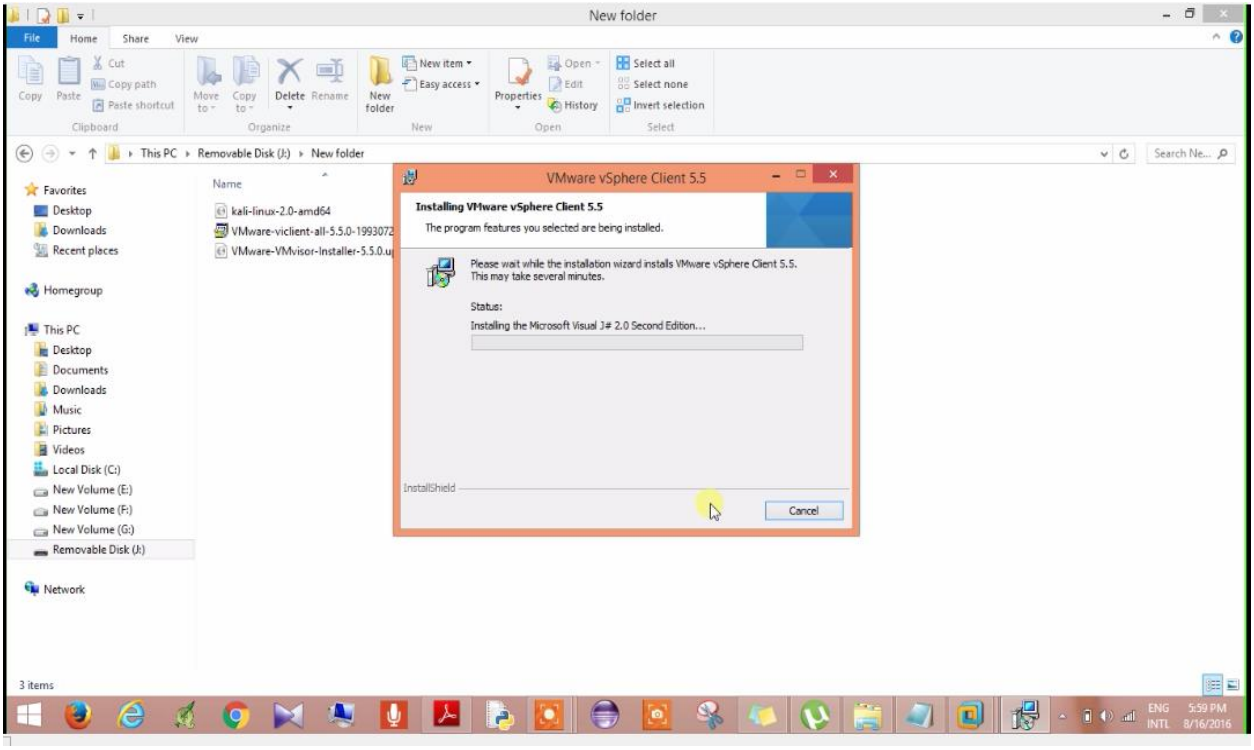

VMware ESXi 5 - VMware Workstation
File Edit View VM Tabs Help
Home
VMware ESXi 5
VMware ESXi 5.5.0 (VMKernel Release Build 2068190)
VMware, Inc. VMware Virtual Platform
2 x Intel(R) Core(TM) i7-4510U CPU @ 2.00GHz
4 GiB Memory
Download tools to manage this host from:
http://192.168.62.129/ (DHCP)
http://[fe80::20c:29ff:fe6c:efd41/ (STATIC)
Click in the virtual screen to send keystrokes
Install VMware ESXi 5 as you would on a physical computer. When you are done and the operating system boots up, click "I Finished Installing".
I Finished Installing
Change Disc
Help
VMwar...
To direct input to this VM, click inside or press Ctrl+G.
ENG INTL 6:26 PM 8/16/2016

Extract “VMware vSphere Client”. Press “Next”

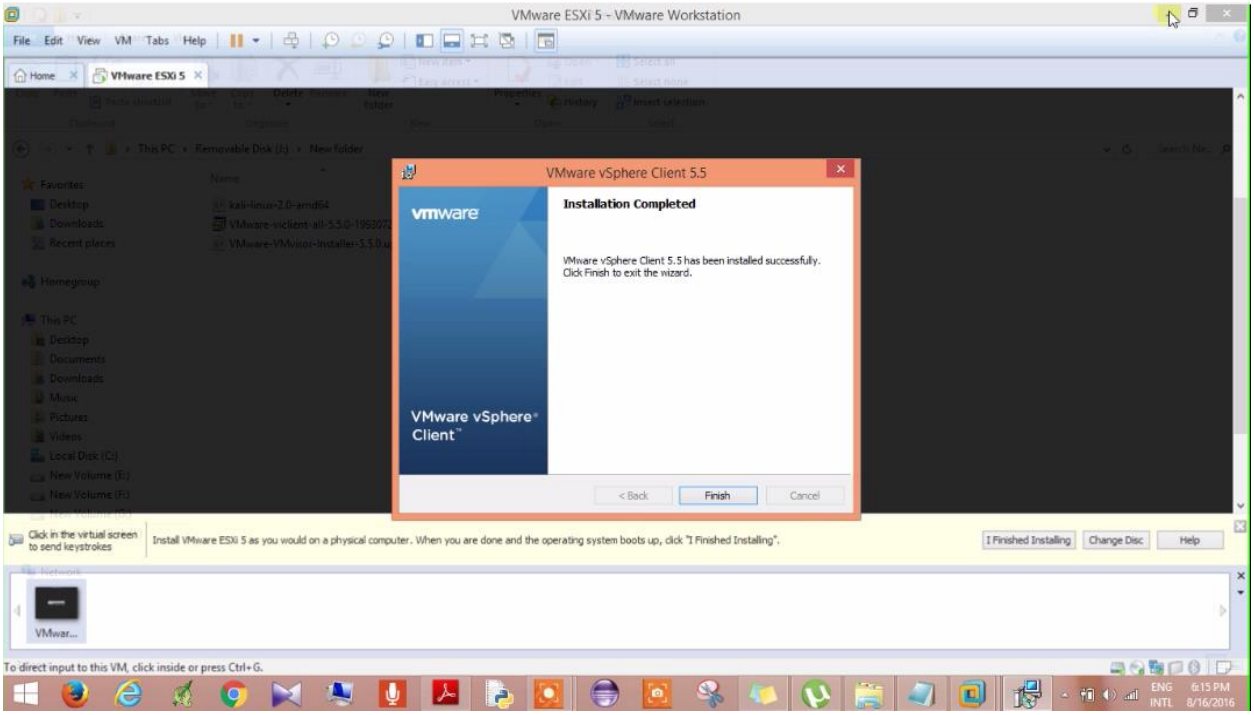


Press “OK”

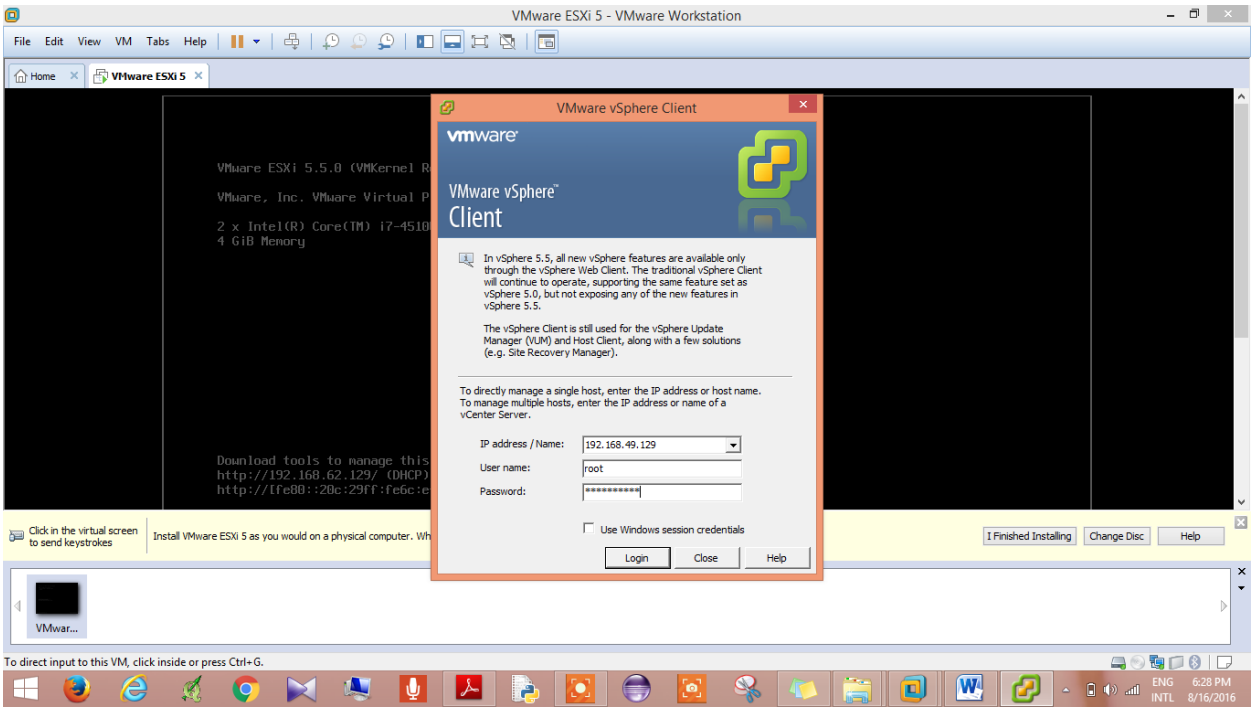




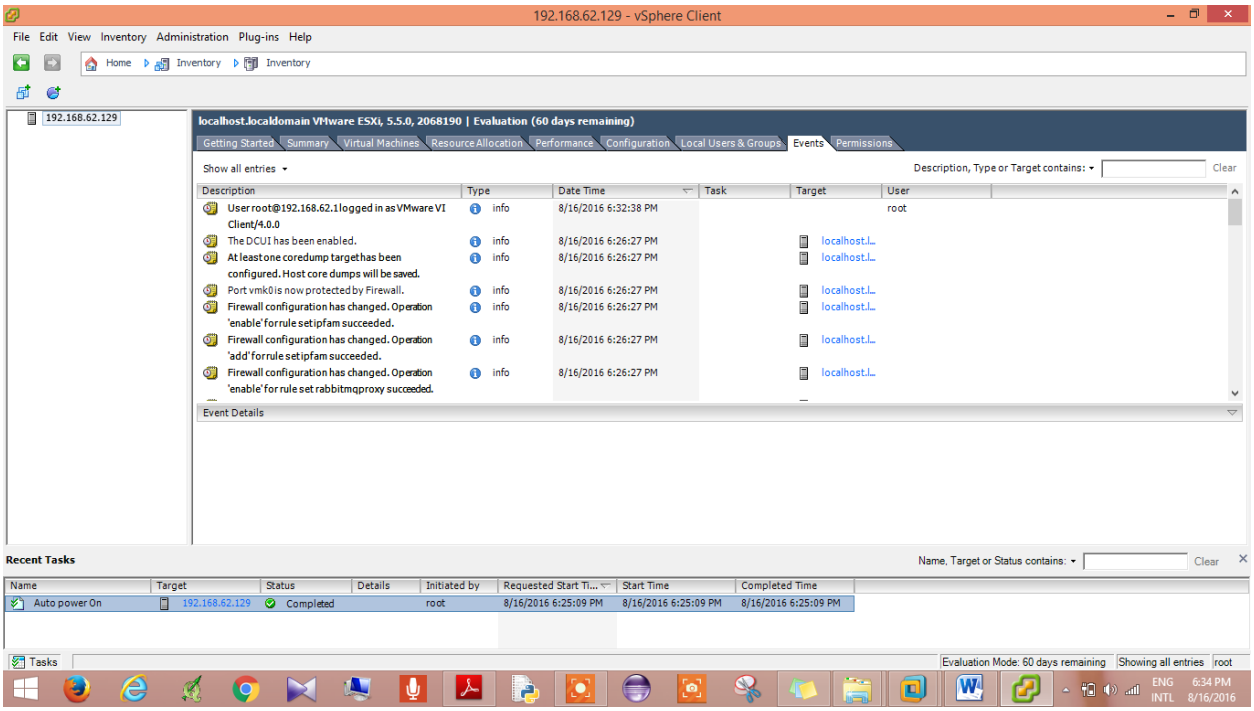
Press “Finish”. Vmware vSphere now on desktop

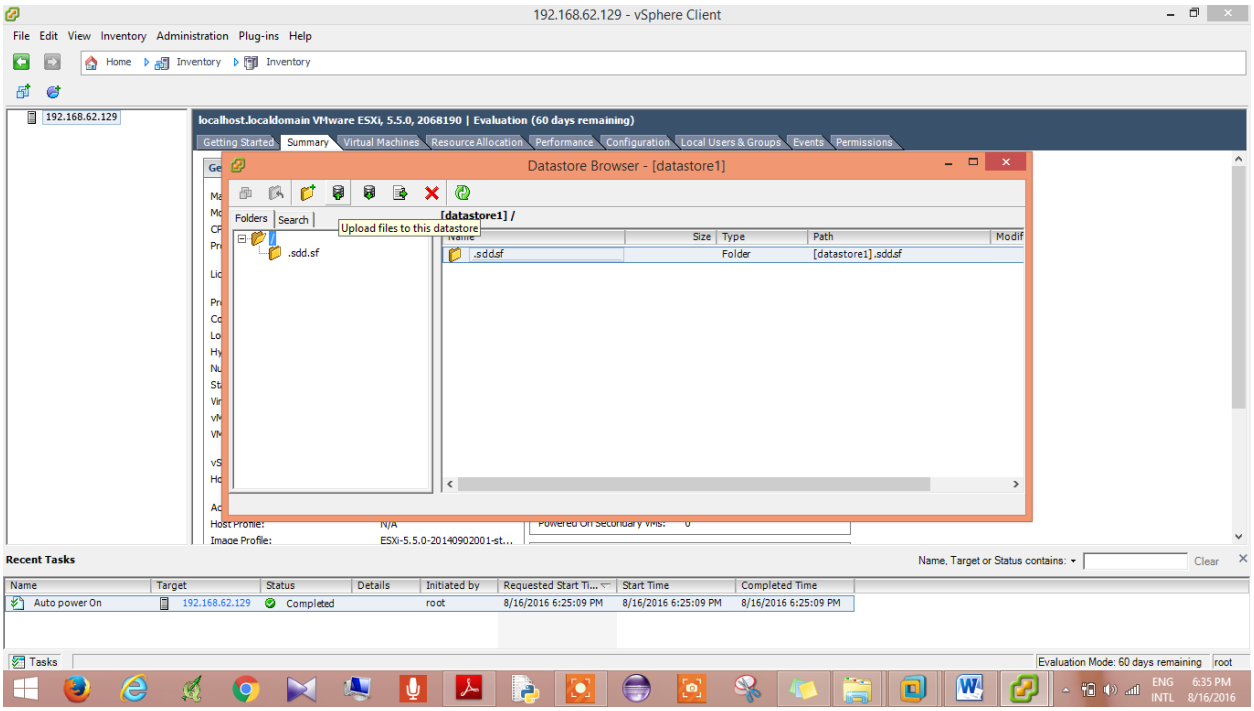


Provide IP address which is in Download tools manage link. Give user name as “root” and provide the password given previously

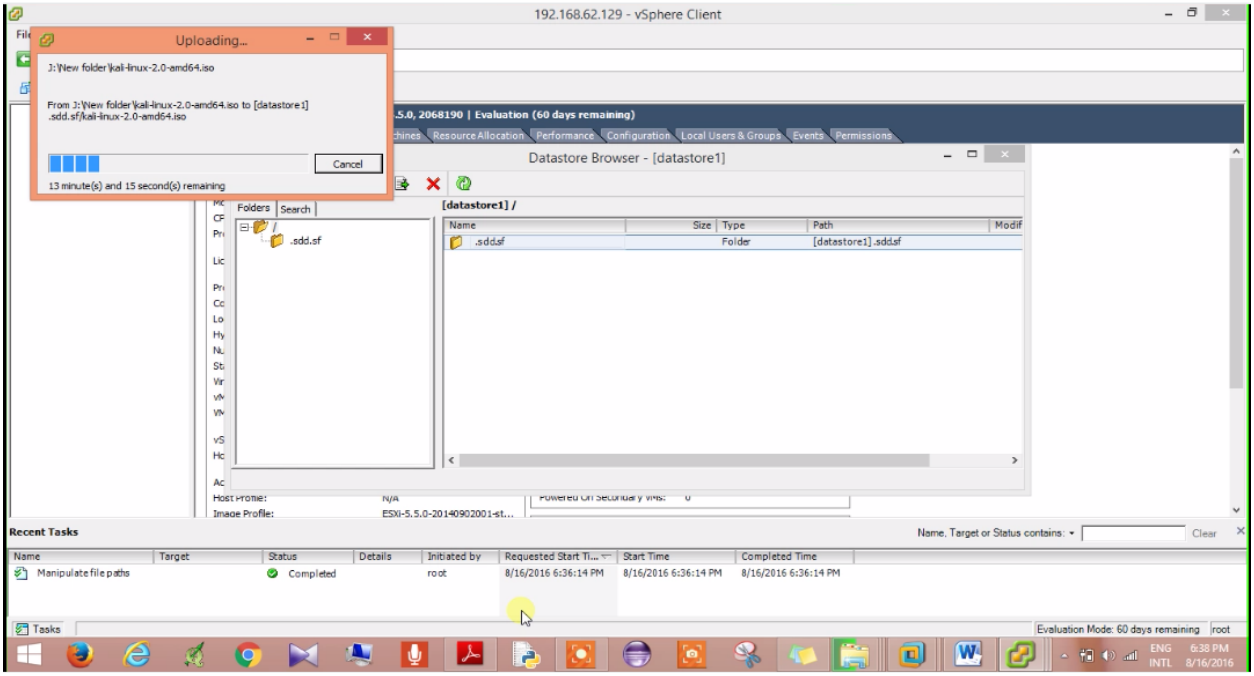


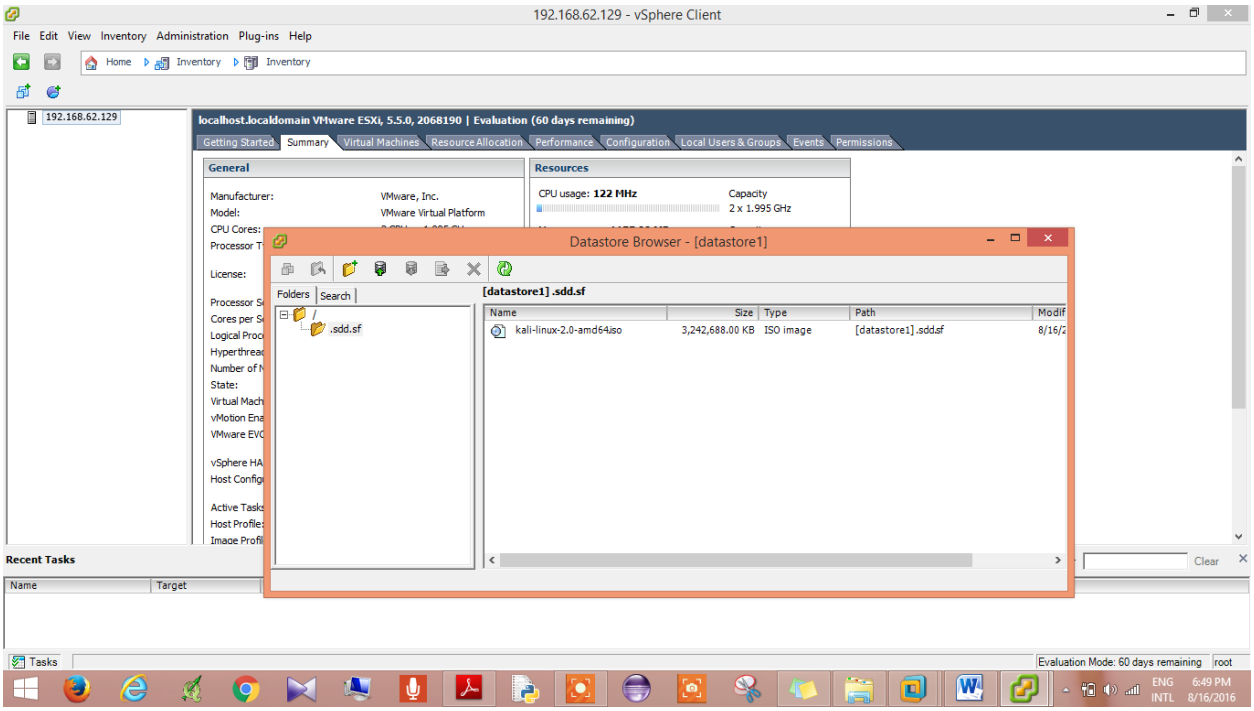
Right click database and select Browse Database



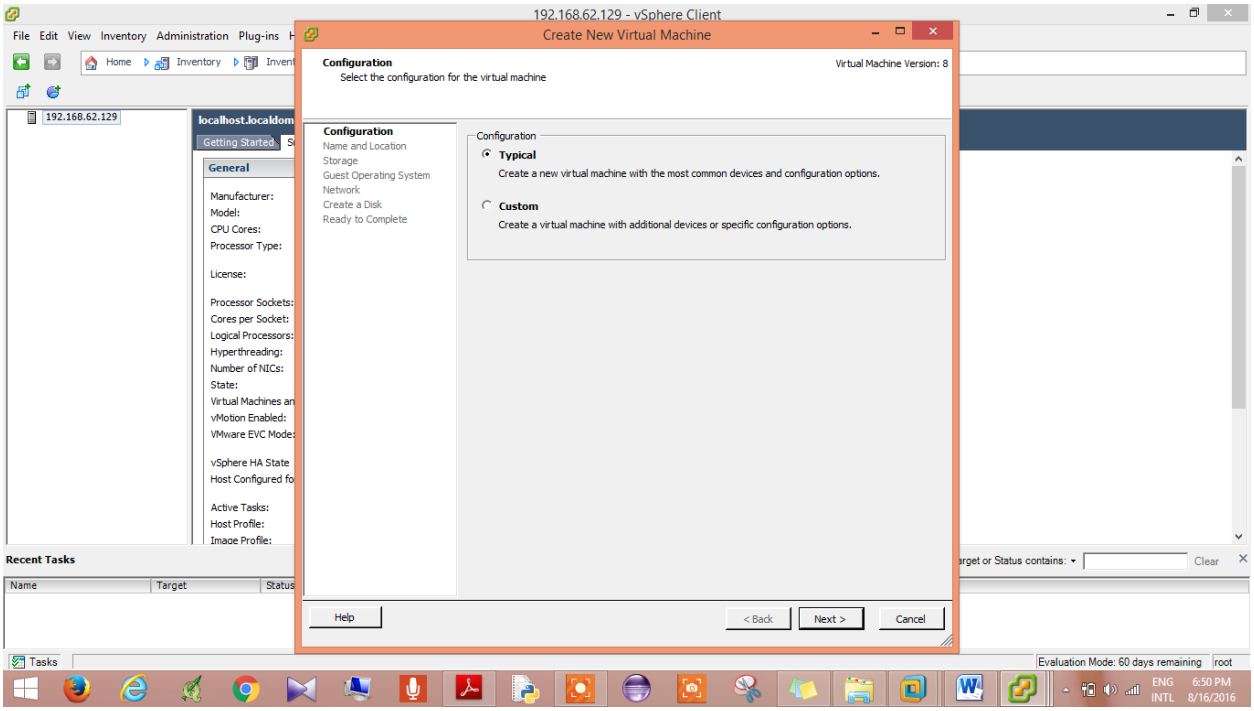


Select “upload file” and browse for “Kali Linux”. Add “Kali Linux” into data store

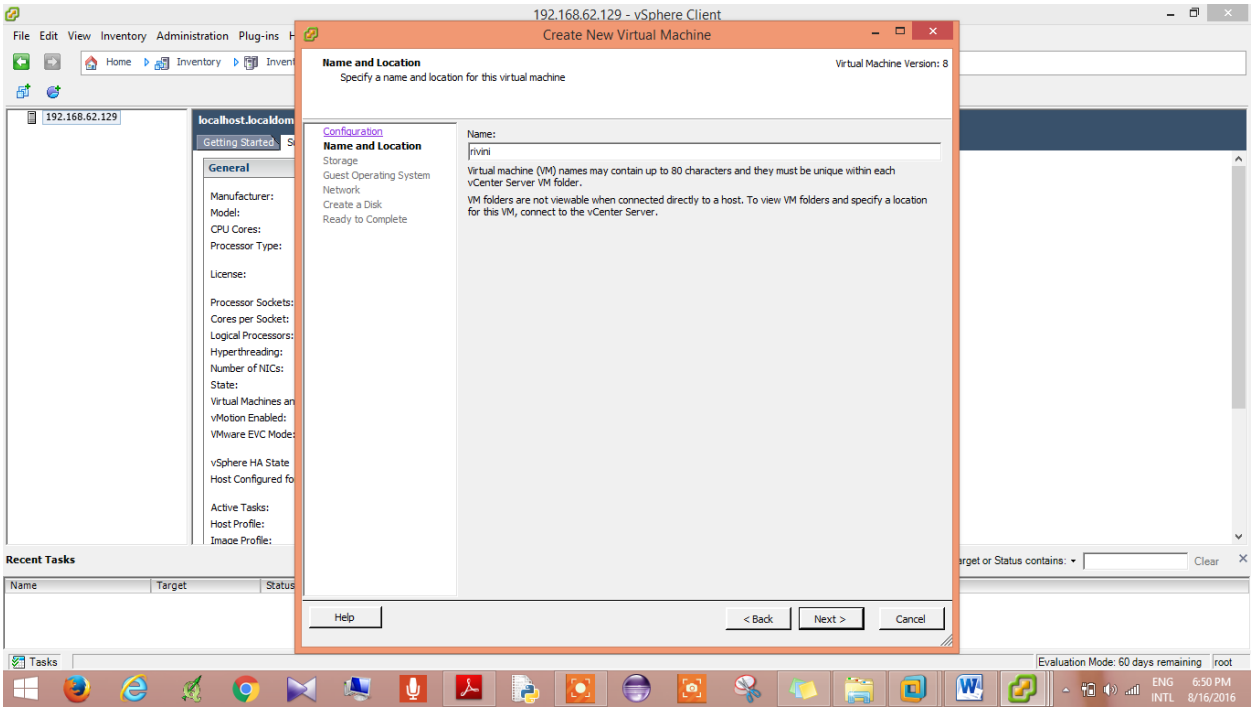




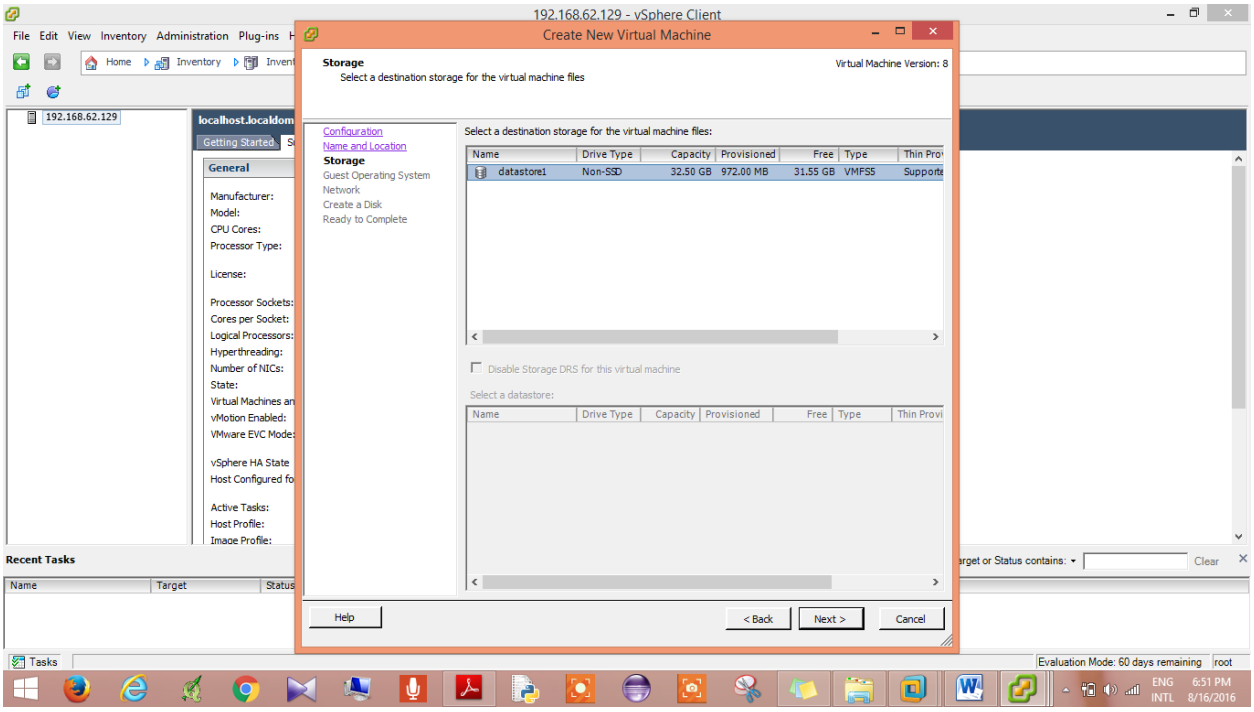
Go to the created vSphere Client .Right click and create new virtual machine. Configure as follows



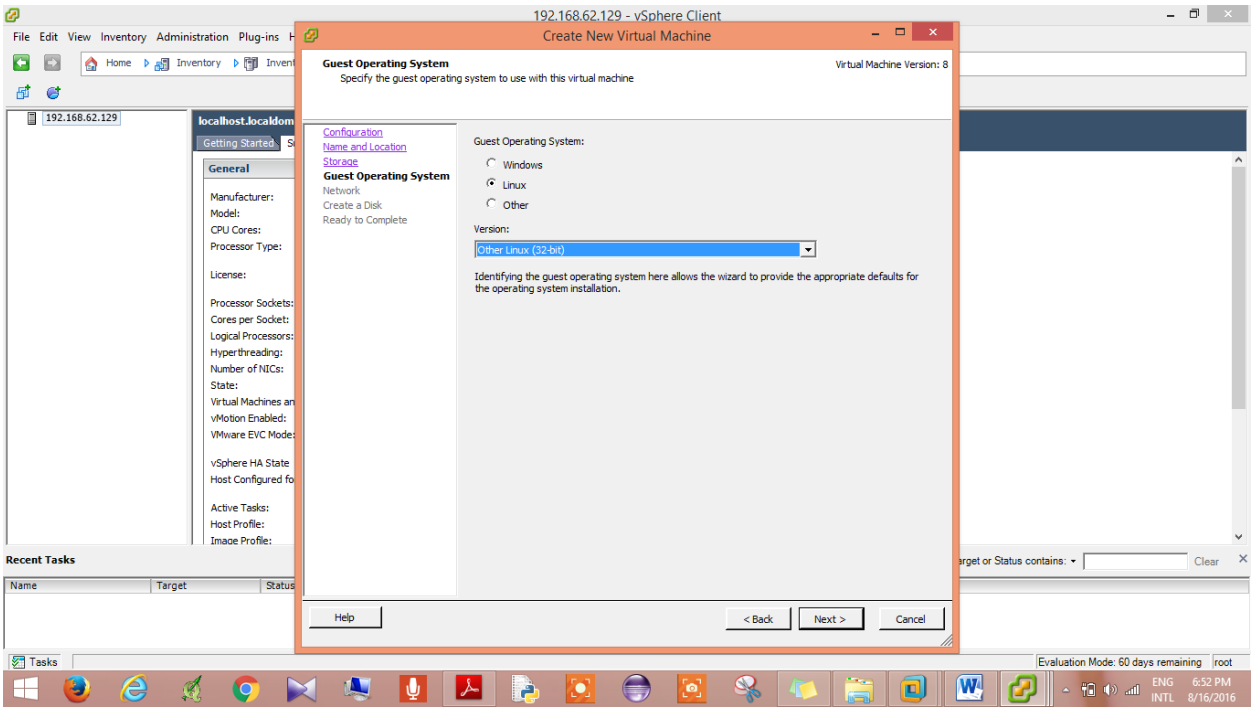
Rename new Virtual Machine and click next



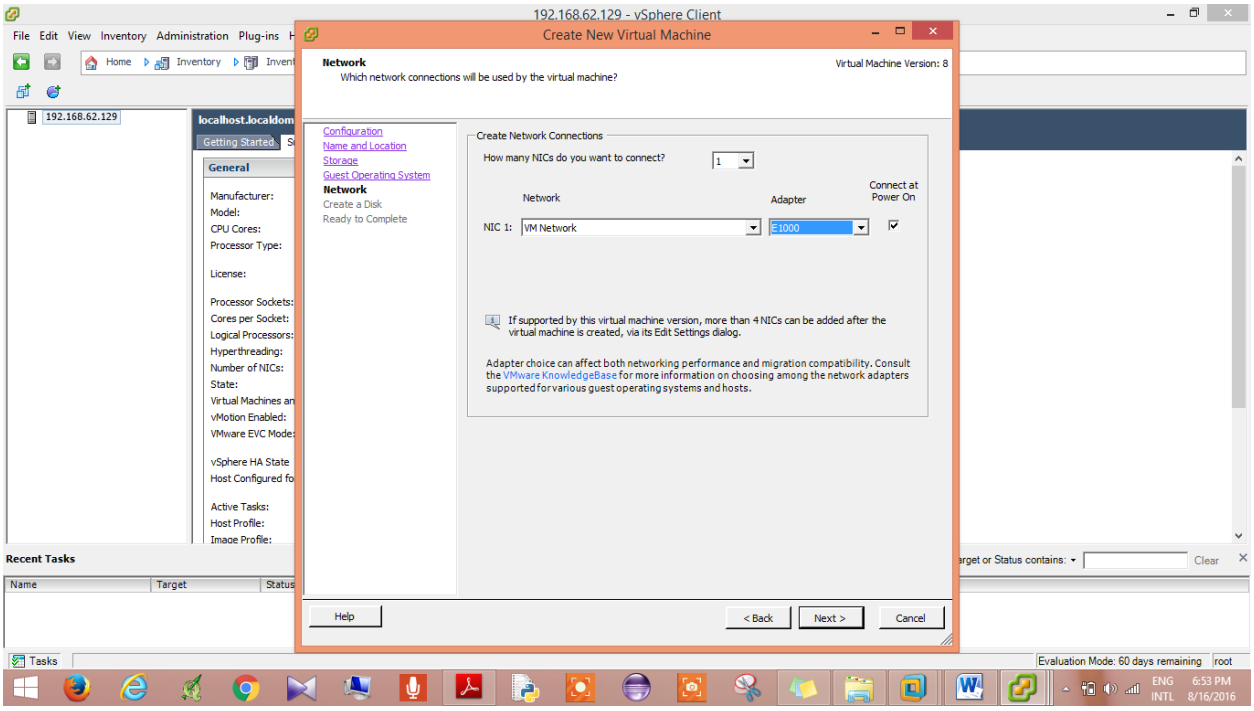
Click “Next”



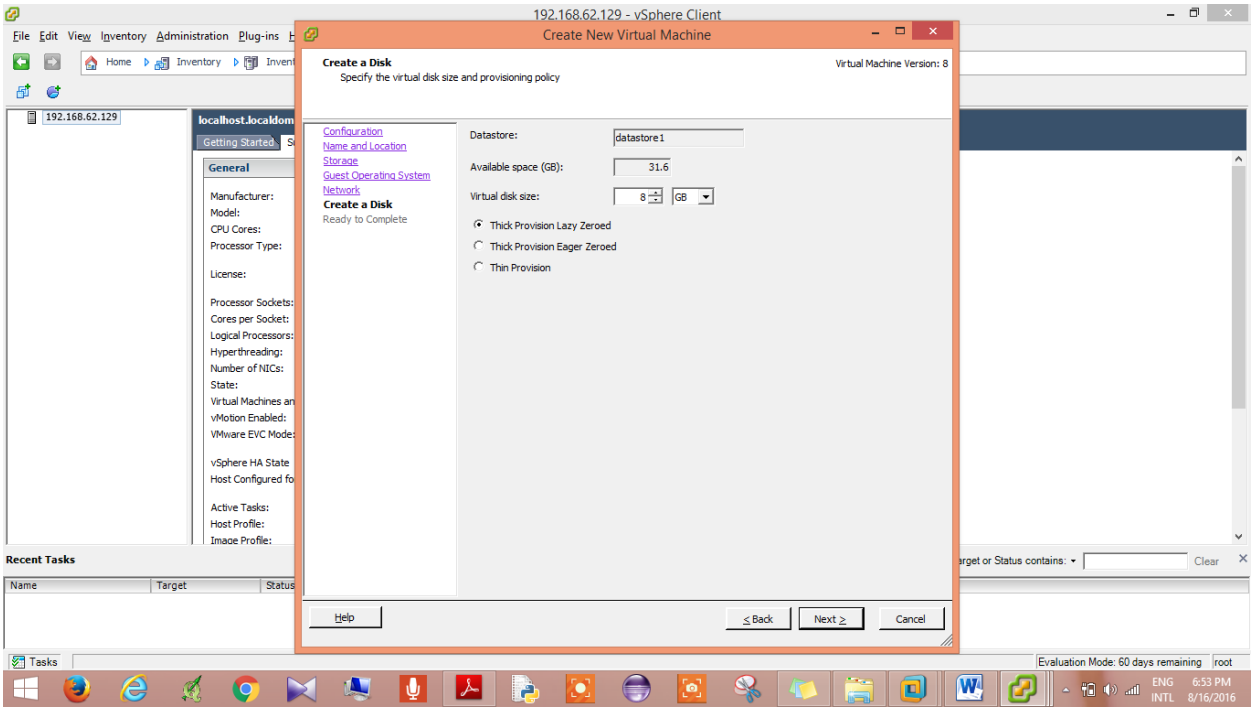
Select Guest Operating System as Linux and select version as “ Other Linux (32 bits)”



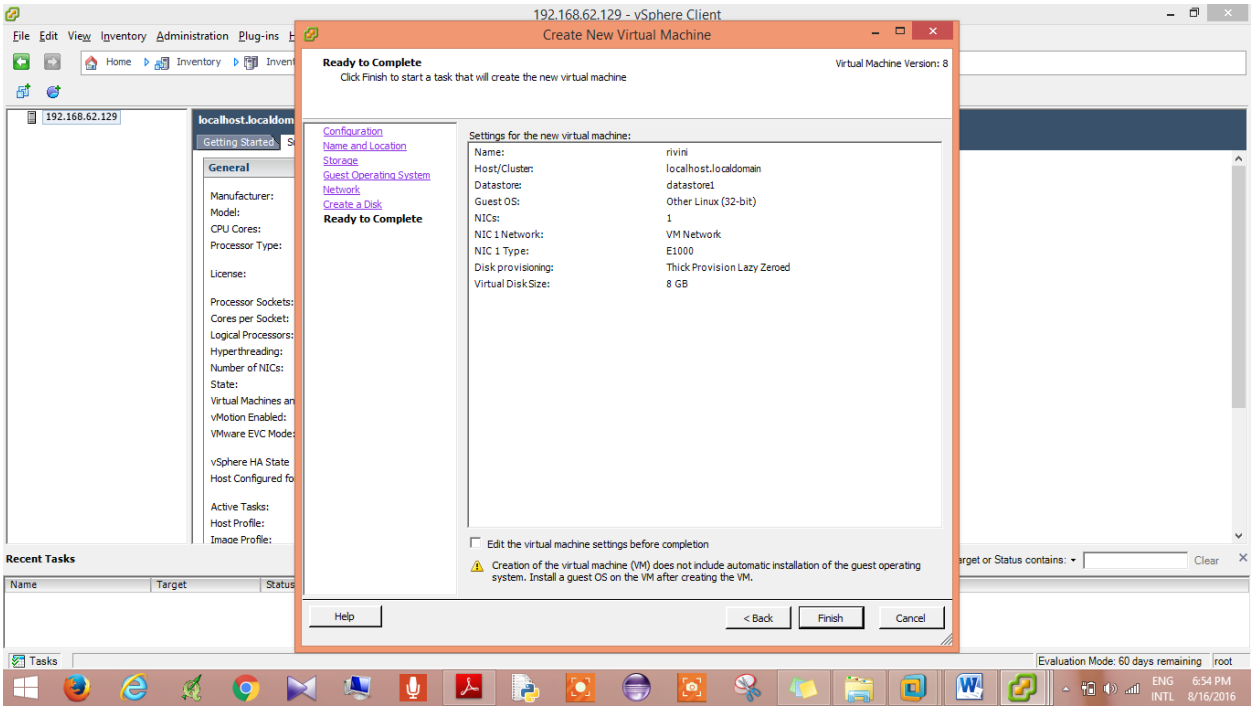
Create Network connection and set adapter as “E100”. Click Next



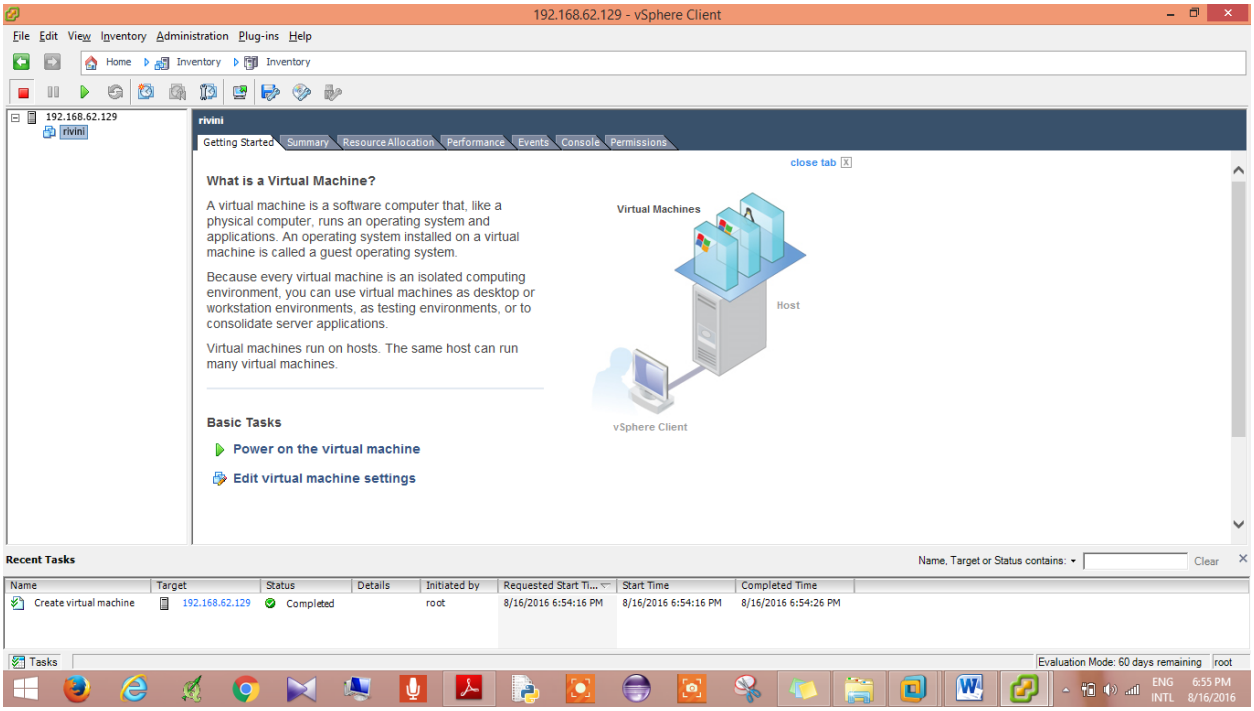
Click Next



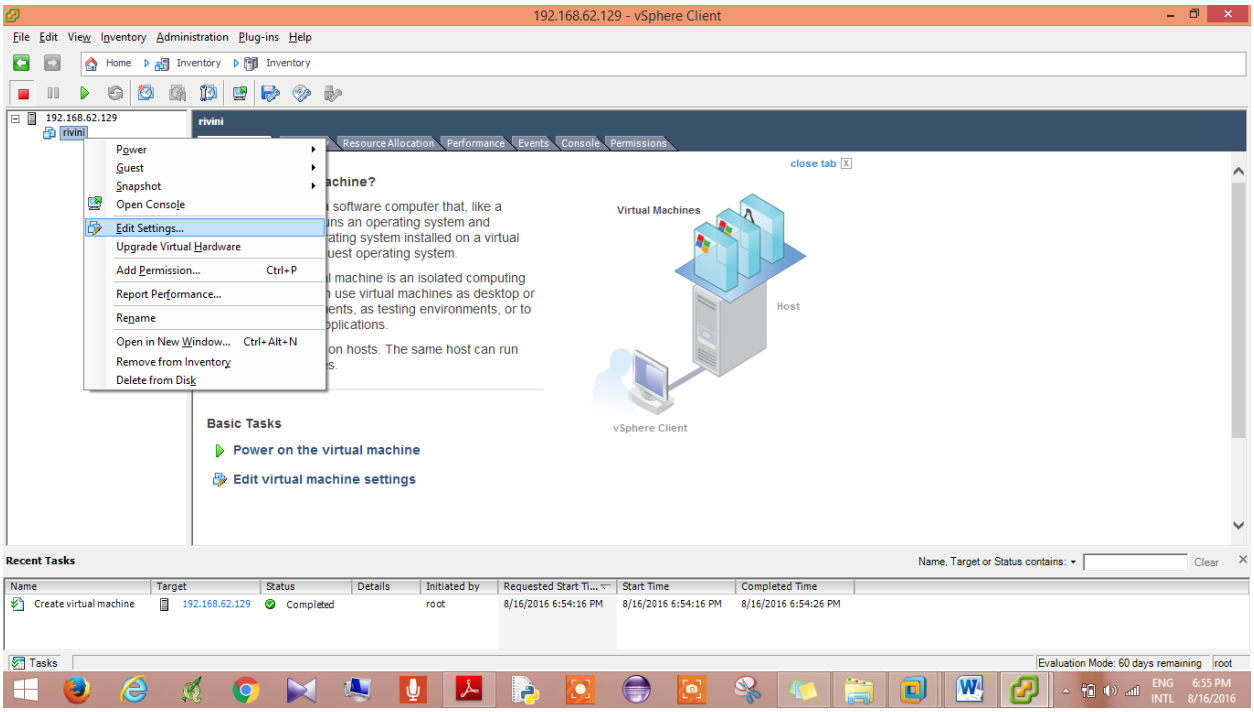
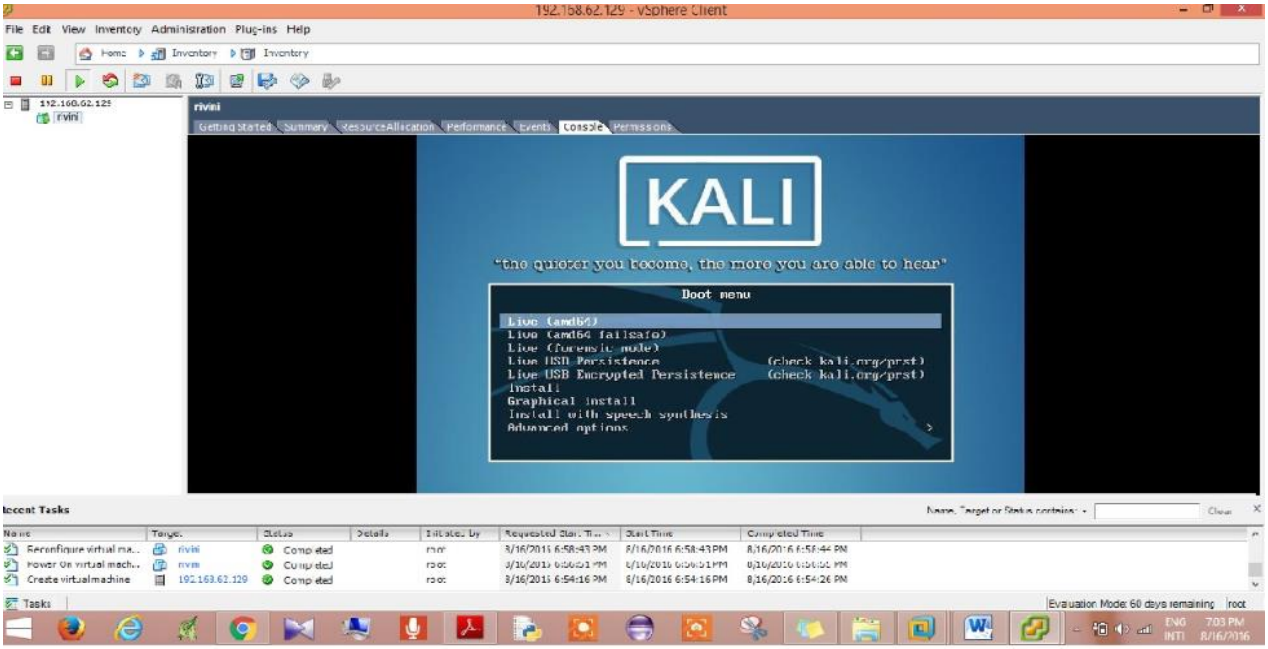
Click "Finish"



Now can see the newly created virtual machine



Right click virtual machine and edit settings



In the console can see Kali Linux is runing