SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

Enterprise Standards and Best Practices for IT Infrastructure

Lab Assignment 05

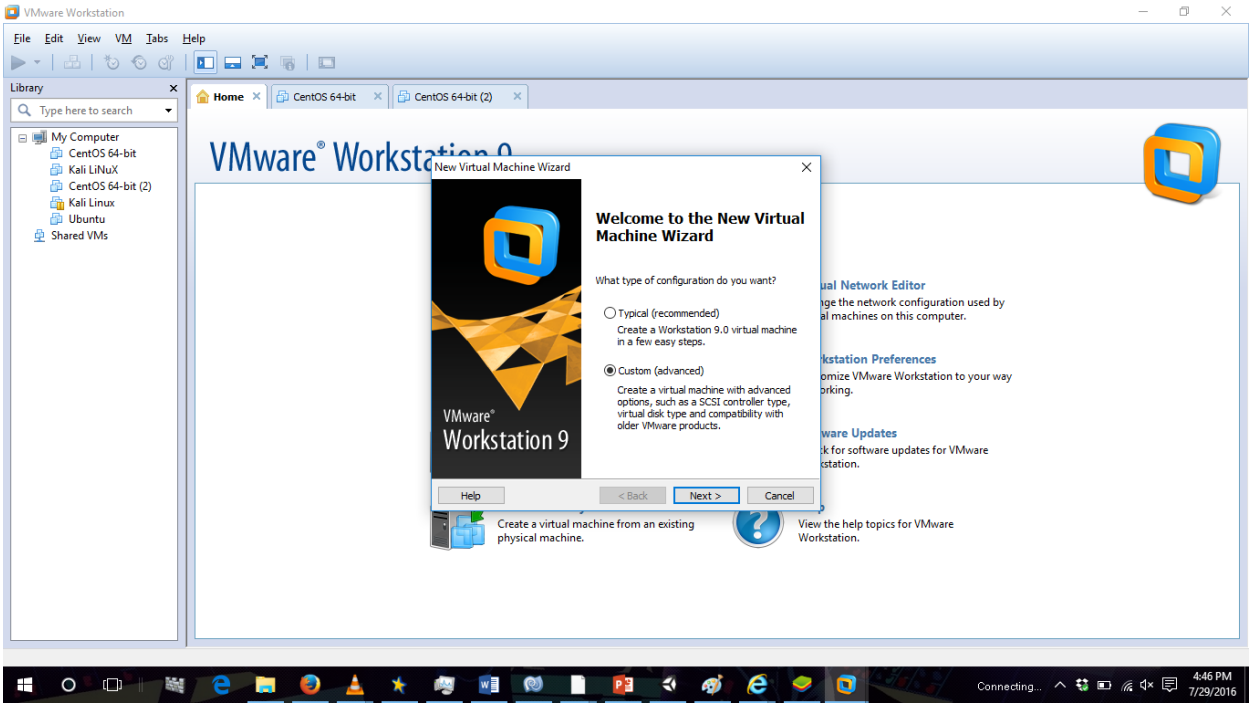
Configuring Kali Linux on Hypervisor

Perera M.A.L.P

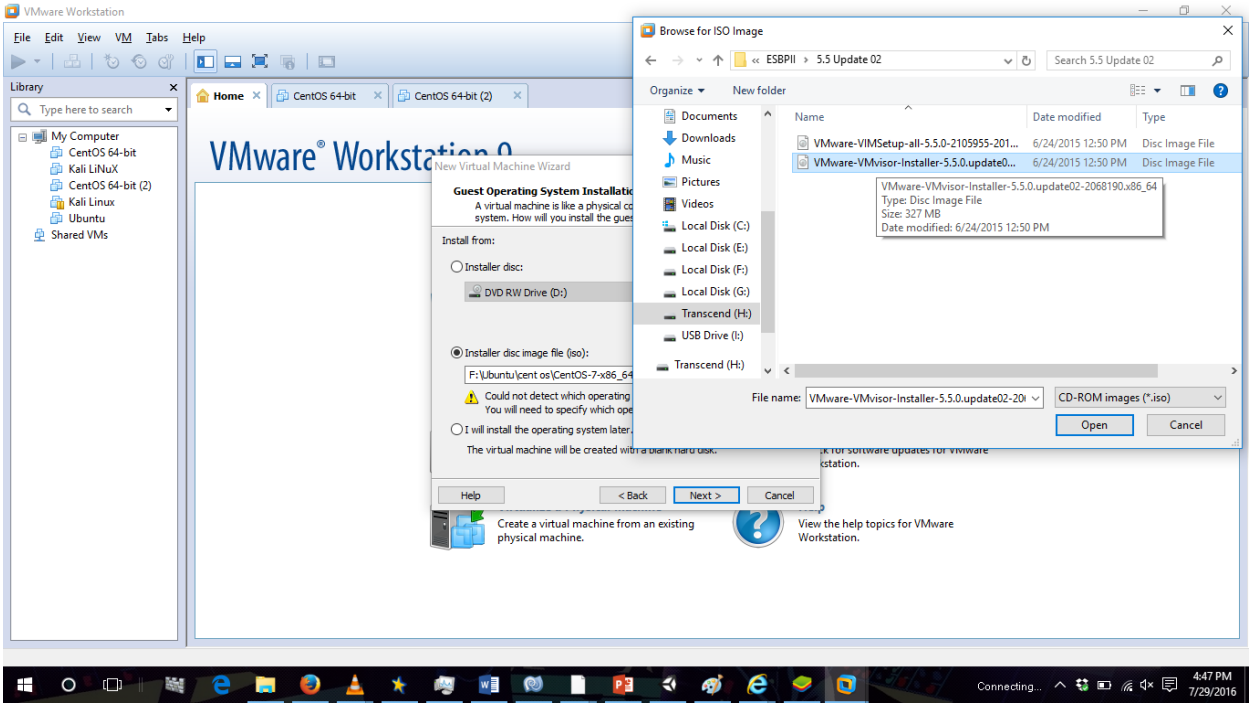
IT13050436

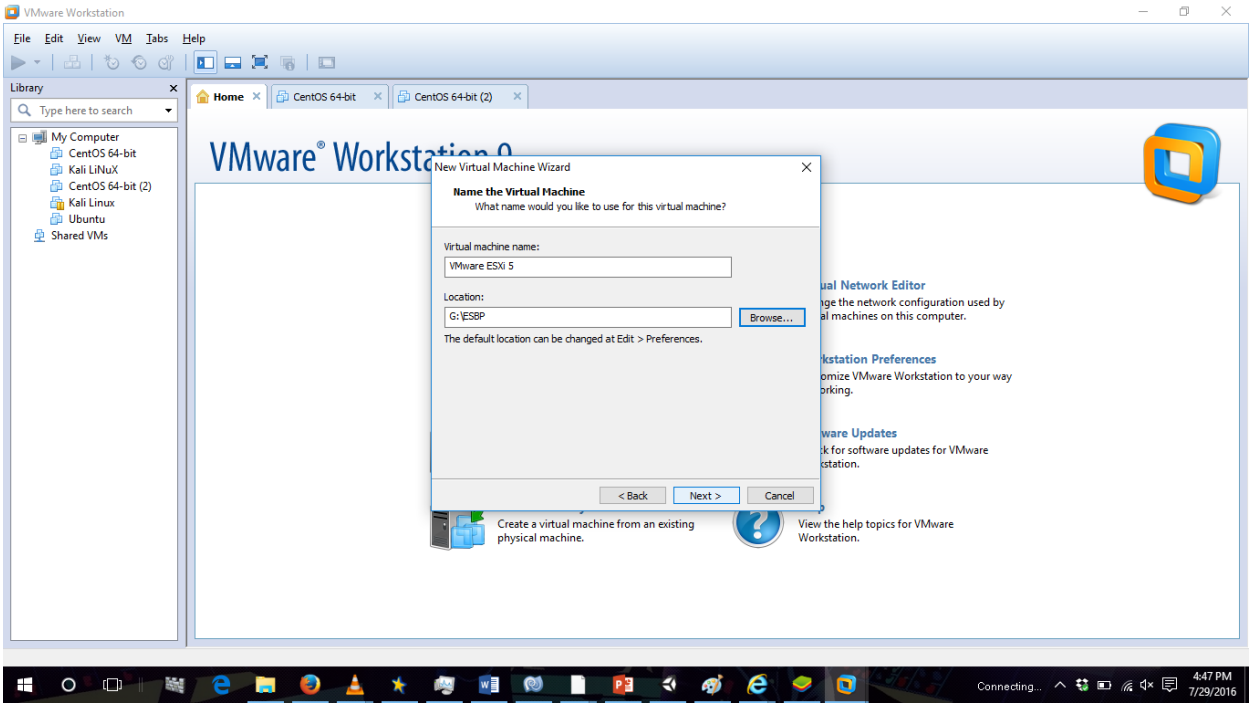
WD

Select “Installer disk image file” and browse for “VMware VMvisor Installer”, and select “Next”.



Give Location and select “Next”.


VMware Workstation
File Edit View VM Tabs Help
Library
Type here to search
My Computer
CentOS 64-bit
Kali LiNuX
CentOS 64-bit (2)
Kali Linux
Ubuntu
Shared VMs
Home
CentOS 64-bit
CentOS 64-bit (2)
VMware® Workstation 0
New Virtual Machine Wizard
Guest Operating System Installatic
A virtual machine is like a physical co
system. How will you install the gues
Install from:
Installer disc:
DVD RW Drive (D:)
Installer disc image file (iso):
F:\Ubuntu\cent os\CentOS-7-x86_64
Could not detect which operating
You will need to specify which ope
I will install the operating system later.
The virtual machine will be created with a blank hard disk.
Help
< Back
Next >
Cancel
Create a virtual machine from an existing physical machine.
View the help topics for VMware Workstation.
Browse for ISO Image
ESBPII › 5.5 Update 02
Search 5.5 Update 02
Organize
New folder
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
Local Disk (E:)
Local Disk (F:)
Local Disk (G:)
Transcend (H:)
USB Drive (I:)
Transcend (H:)
Name
Date modified
Type
VMware-VIMSetup-all-5.5.0-2105955-201...
6/24/2015 12:50 PM
Disc Image File
VMware-VMvisor-Installer-5.5.0.update0...
6/24/2015 12:50 PM
Disc Image File
VMware-VMvisor-Installer-5.5.0.update02-2068190.x86_64
Type: Disc Image File
Size: 327 MB
Date modified: 6/24/2015 12:50 PM
File name:
VMware-VMvisor-Installer-5.5.0.update02-20
CD-ROM images (*.iso)
Open
Cancel
Connecting...
4:47 PM
7/29/2016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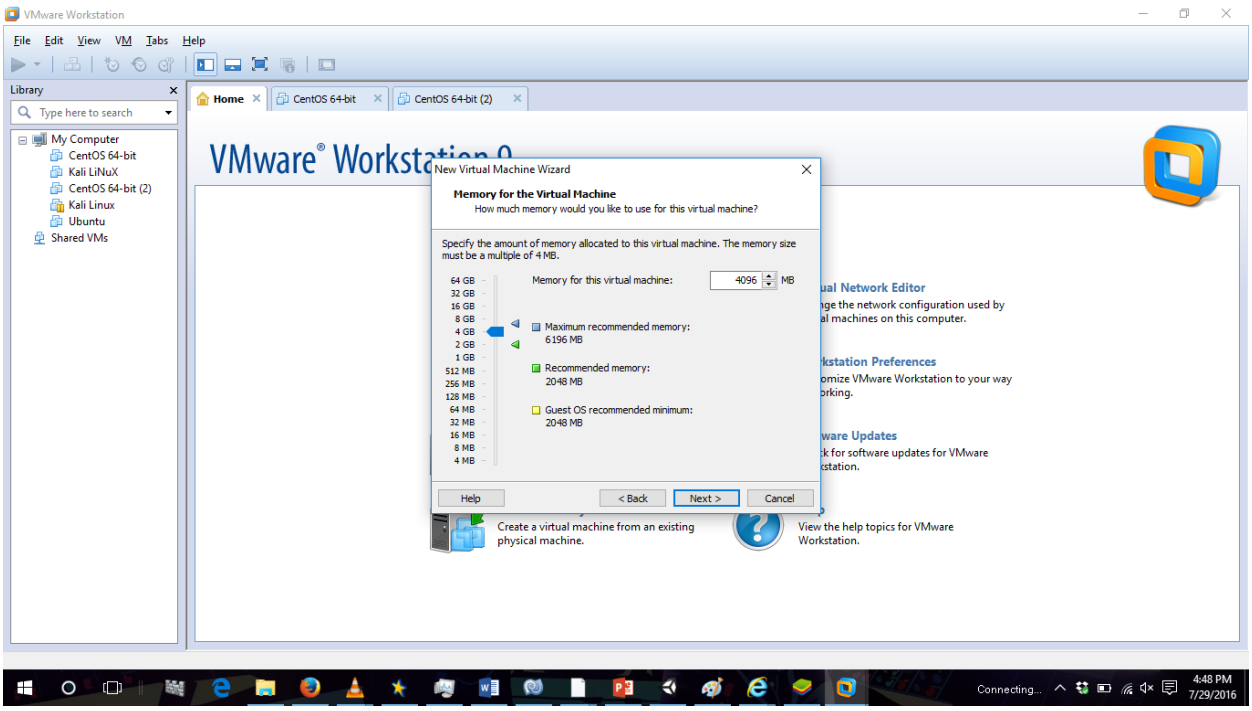
CentOS 64-bit (2)
VMware® Workstation 0
New Virtual Machine Wizard
Name the Virtual Machine
What name would you like to use for this virtual machine?
Virtual machine name:
VMware ESXi 5
Location:
G:\ESBP
Browse...
The default location can be changed at Edit > Preferences.
< Back
Next >
Cancel
Create a virtual machine from an existing physical machine.
View the help topics for VMware Workstation.
Connecting...
4:47 PM
7/29/2016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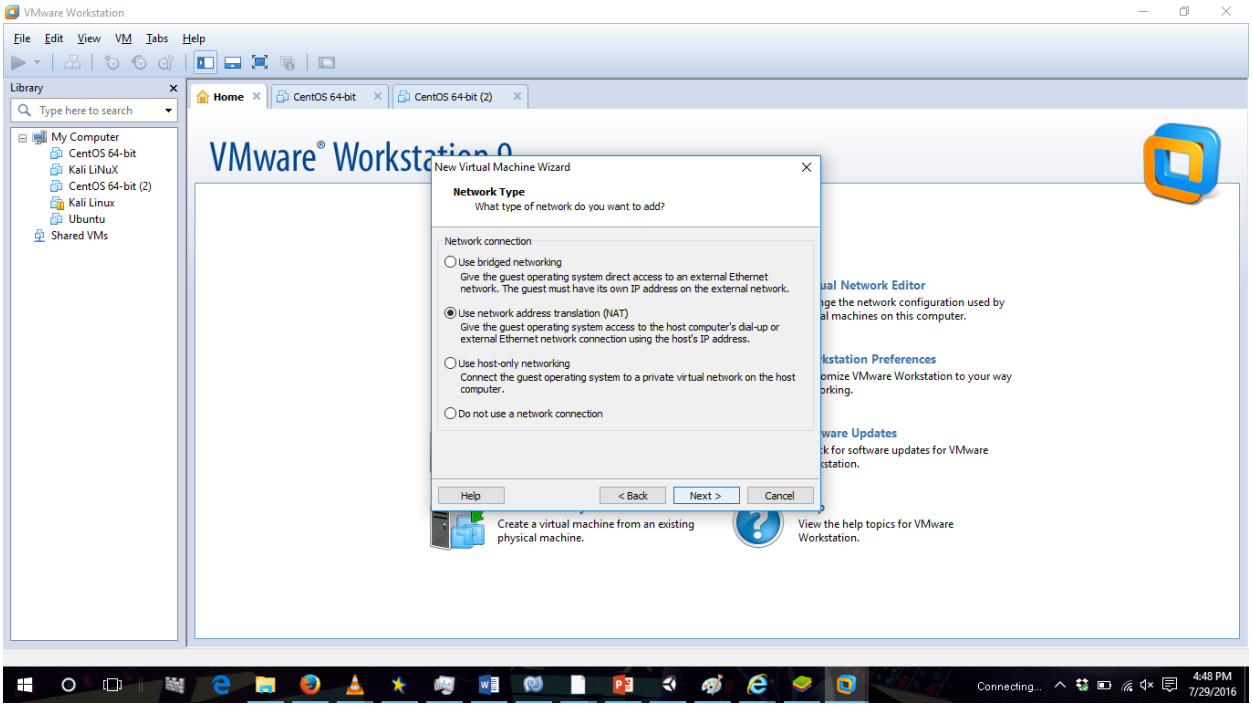
CentOS 64-bit (2)
VMware® Workstation 0
New Virtual Machine Wizard
Memory for the Virtual Machine
How much memory would you like to use for this virtual machine?
Specify the amount of memory allocated to this virtual machine. The memory size must be a multiple of 4 MB.
Memory for this virtual machine:
4096
MB
64 GB
32 GB
16 GB
8 GB
4 GB
2 GB
1 GB
512 MB
256 MB
128 MB
64 MB
32 MB
16 MB
8 MB
4 MB
Maximum recommended memory:
6196 MB
Recommended memory:
2048 MB
Guest OS recommended minimum:
2048 MB
Help
< Back
Next >
Cancel
Create a virtual machine from an existing physical machine.
View the help topics for VMware Workstation.
Connecting...
4:48 PM
7/29/2016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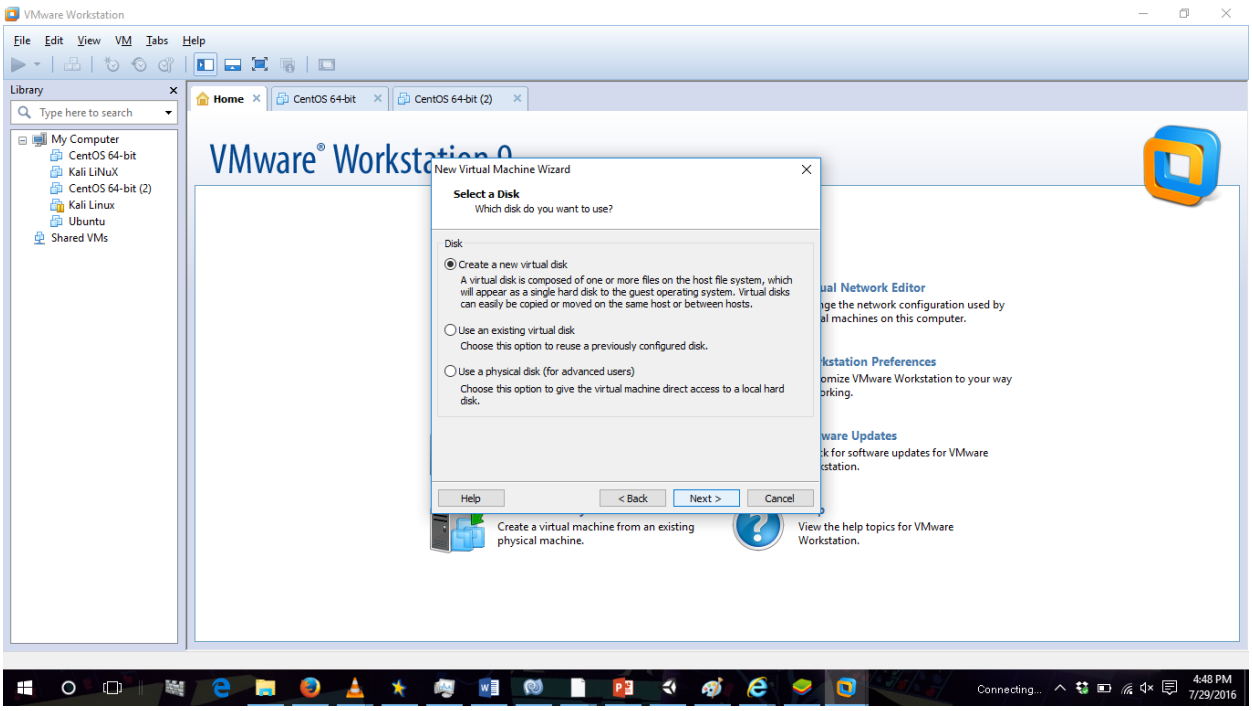
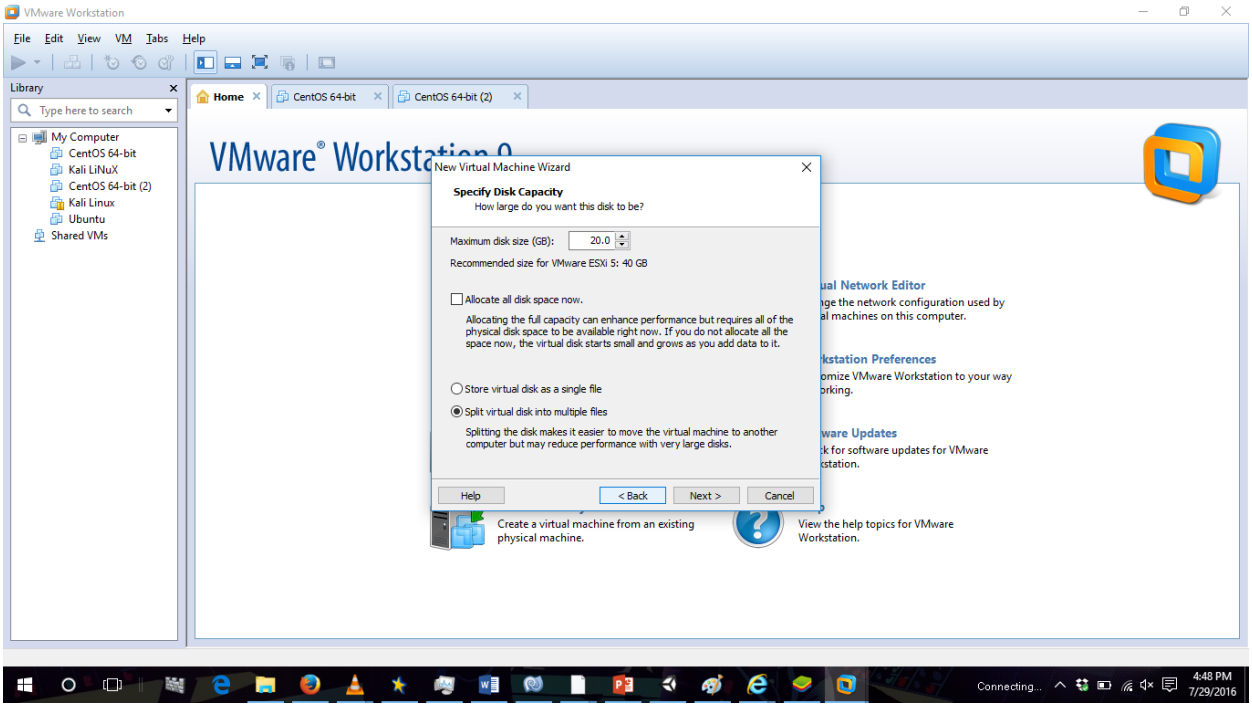
CentOS 64-bit (2)
Kali Linux
Ubuntu
Shared VMs
Home
CentOS 64-bit
CentOS 64-bit (2)
VMware® Workstation 0
New Virtual Machine Wizard
Network Type
What type of network do you want to add?
Network connection
Use bridged networking
Give the guest operating system direct access to an external Ethernet network. The guest must have its own IP address on the external network.
Use network address translation (NAT)
Give the guest operating system access to the host computer's dial-up or external Ethernet network connection using the host's IP address.
Use host-only networking
Connect the guest operating system to a private virtual network on the host computer.
Do not use a network connection
Help
< Back
Next >
Cancel
Create a virtual machine from an existing physical machine.
View the help topics for VMware Workstation.
Connecting...
4:48 PM
7/29/2016

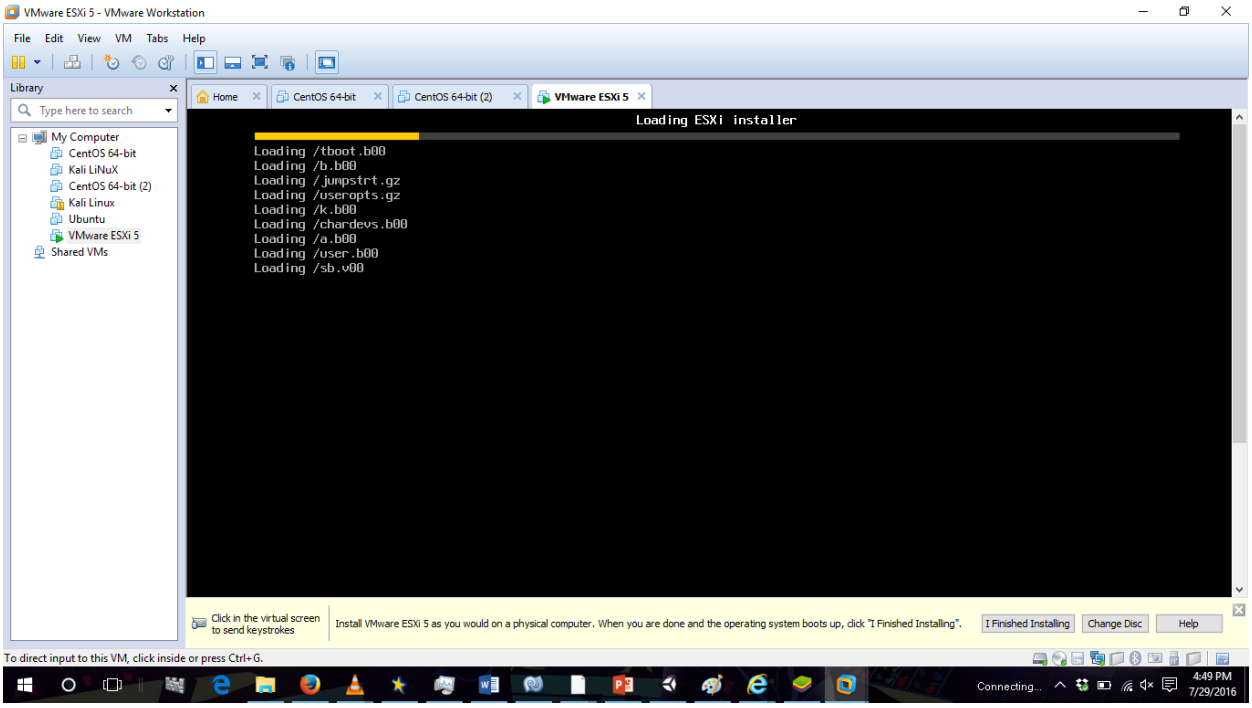
Click Next.

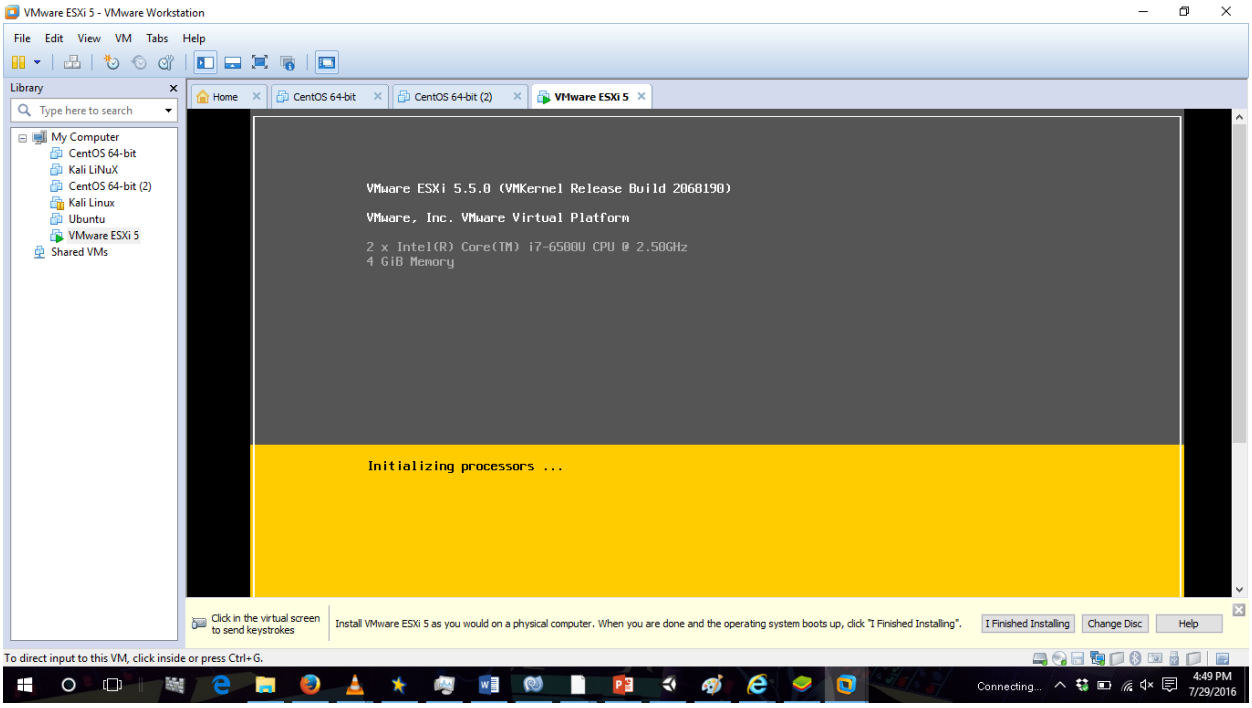


Select “Store virtual disk as an image file” and click “Next”. Click Finish.



Click Power On in VMware.


VMware ESXi 5 - VMware Workstation
File Edit View VM Tabs Help
Library
Type here to search
My Computer
CentOS 64-bit
Kali LiNuX
CentOS 64-bit (2)
Kali Linux
Ubuntu
VMware ESXi 5
Shared VMs
Home
CentOS 64-bit
CentOS 64-bit (2)
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
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
To direct input to this VM, click inside or press Ctrl+G.
Connecting...
4:49 PM
7/29/2016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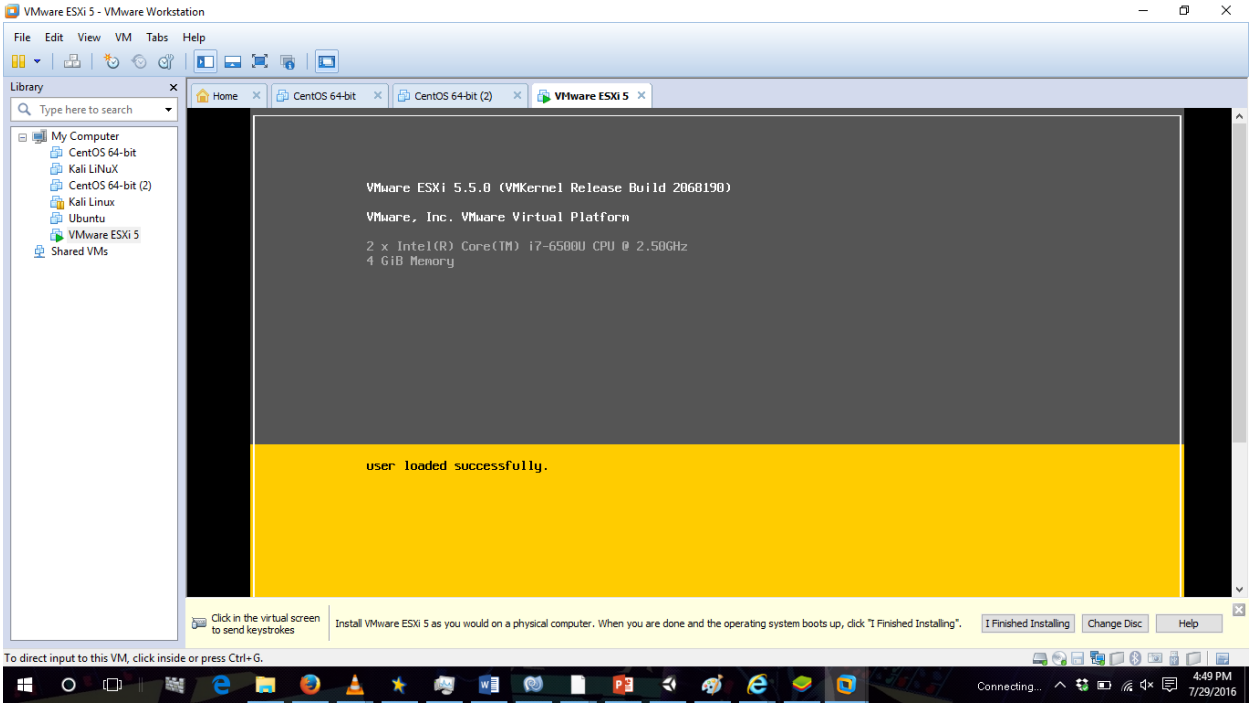
CentOS 64-bit
CentOS 64-bit (2)
VMware ESXi 5
VMware ESXi 5.5.0 (VMKernel Release Build 2068190)
VMware, Inc. VMware Virtual Platform
2 x Intel(R) Core(TM) i7-6500U CPU @ 2.50GHz
4 GiB Memory
Initializing processors ...
Click in the virtual screen to send keystrokes
Install VMware ESXi 5 as you would on a physical computer. When you are done and the operating system boots up, click "I Finished Installing".
I Finished Installing
Change Disc
Help
To direct input to this VM, click inside or press Ctrl+G.
Connecting...
4:49 PM
7/29/2016


VMware ESXi 5 - VMware Workstation
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My Computer
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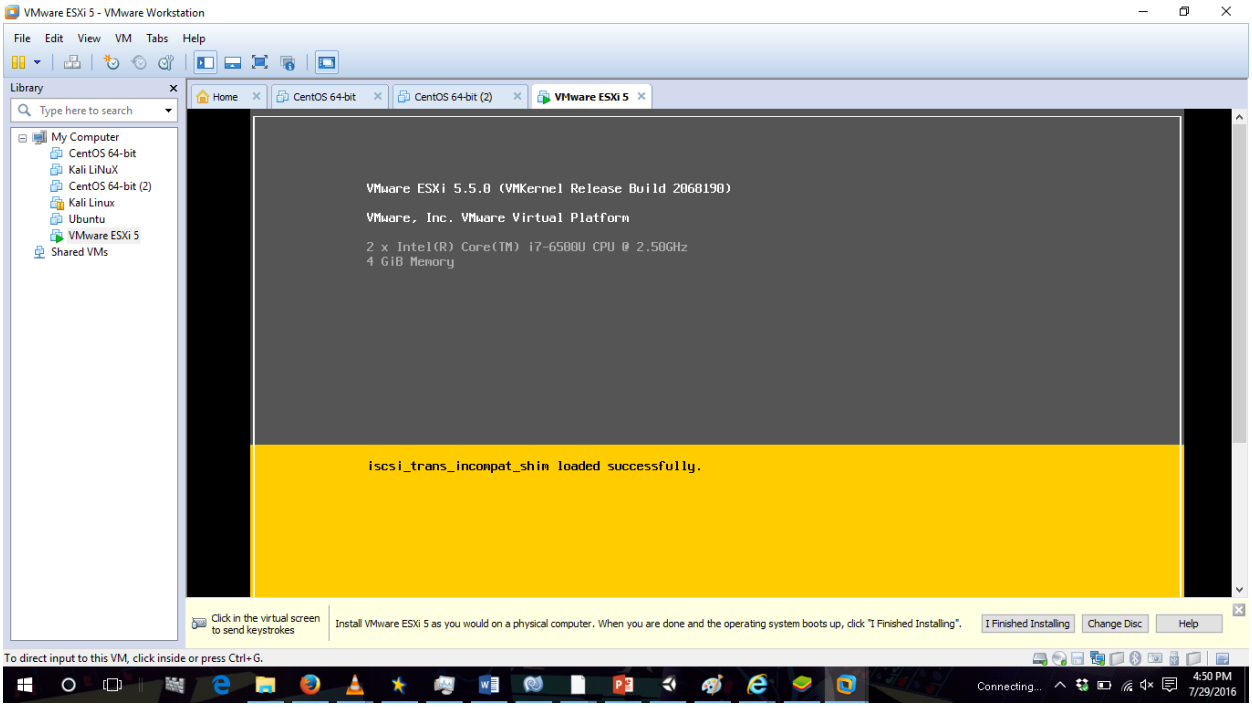
VMware ESXi 5
VMware ESXi 5.5.0 (VMKernel Release Build 2068190)
VMware, Inc. VMware Virtual Platform
2 x Intel(R) Core(TM) i7-6500U CPU @ 2.50GHz
4 GiB Memory
user loaded successfully.
Click in the virtual screen to send keystrokes
Install VMware ESXi 5 as you would on a physical computer. When you are done and the operating system boots up, click "I Finished Installing".
I Finished Installing
Change Disc
Help
To direct input to this VM, click inside or press Ctrl+G.
Connecting...
4:49 PM
7/29/2016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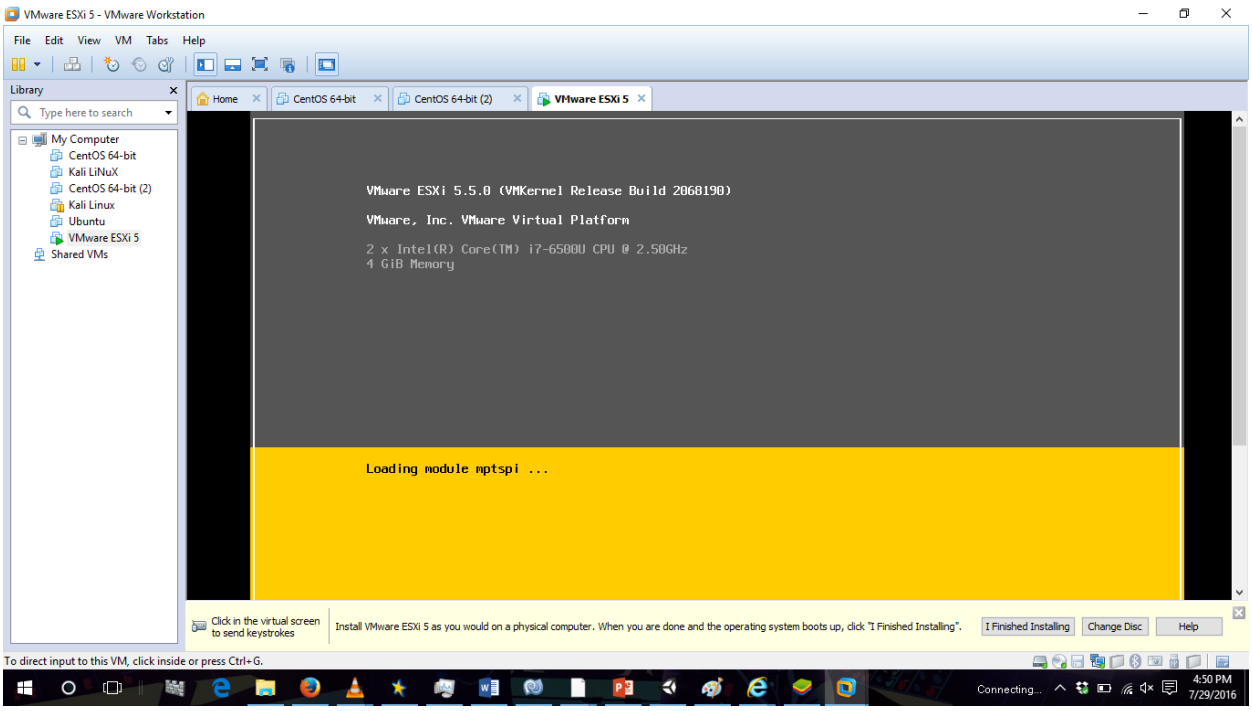
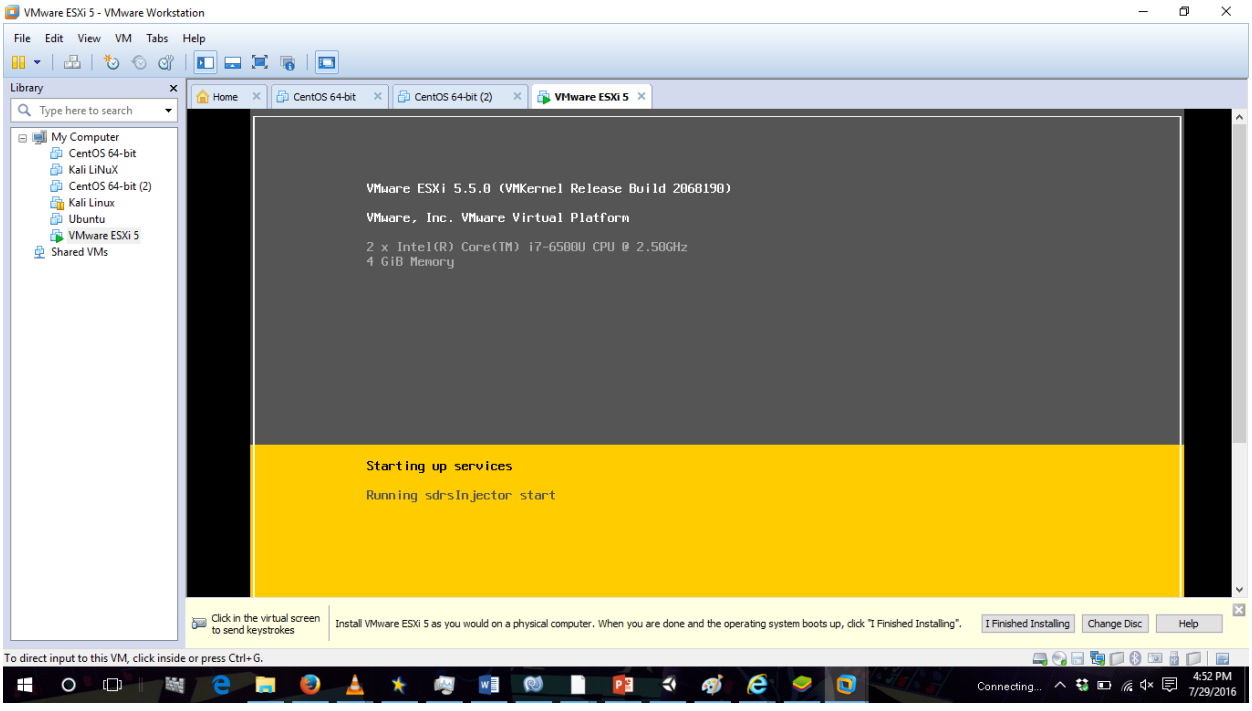
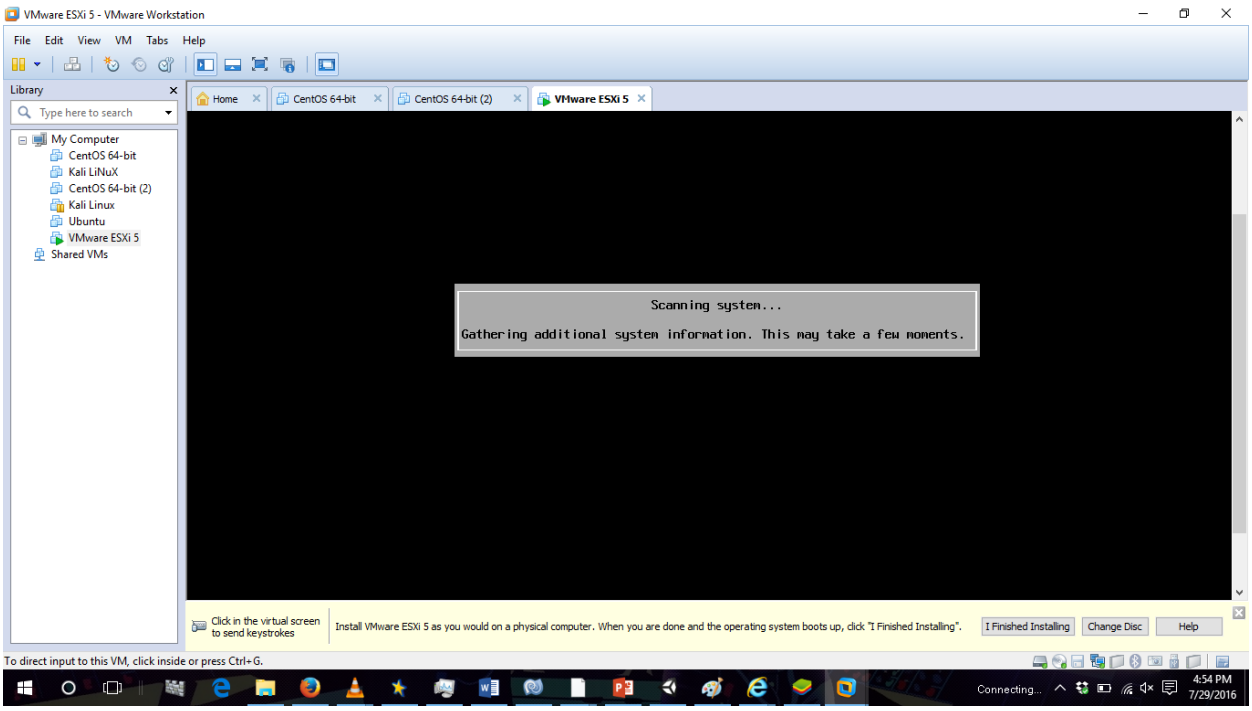
VMware ESXi 5
VMware ESXi 5.5.0 (VMKernel Release Build 2068190)
VMware, Inc. VMware Virtual Platform
2 x Intel(R) Core(TM) i7-6500U CPU @ 2.50GHz
4 GiB Memory
iscsi_trans_incompat_shim loaded successfully.
Click in the virtual screen to send keystrokes
Install VMware ESXi 5 as you would on a physical computer. When you are done and the operating system boots up, click "I Finished Installing".
I Finished Installing
Change Disc
Help
To direct input to this VM, click inside or press Ctrl+G.
Connecting...
4:50 PM
7/29/2016

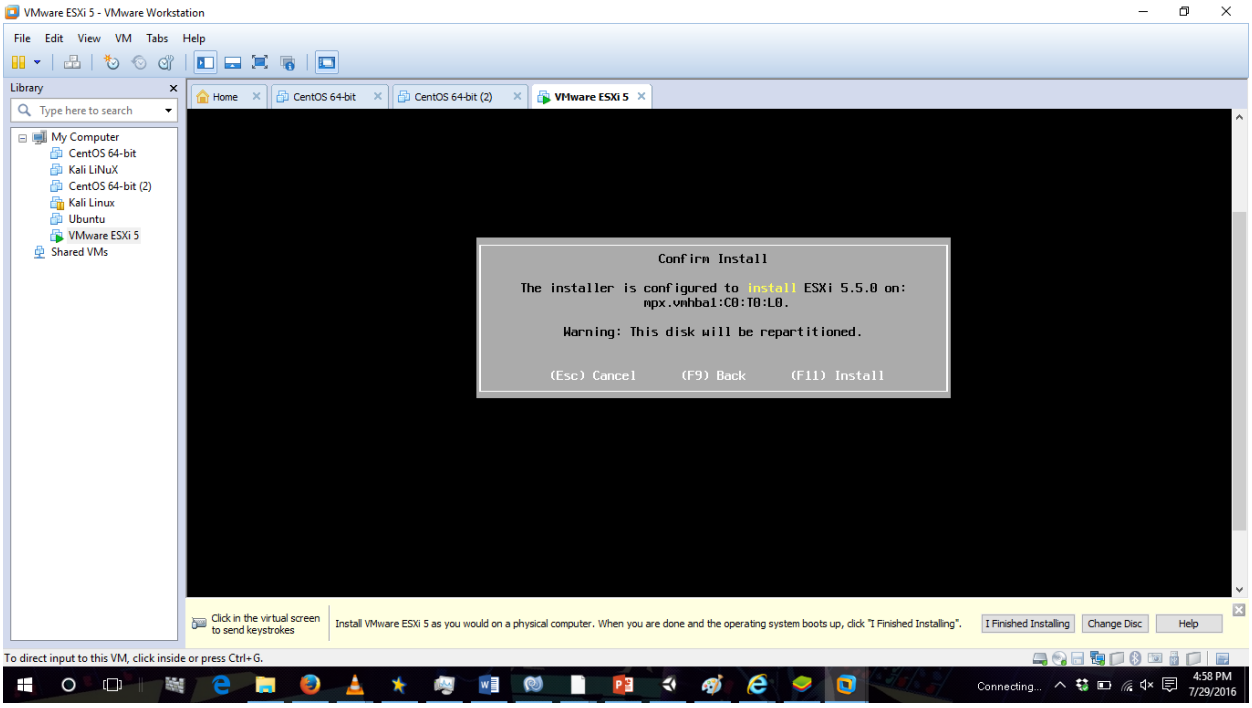




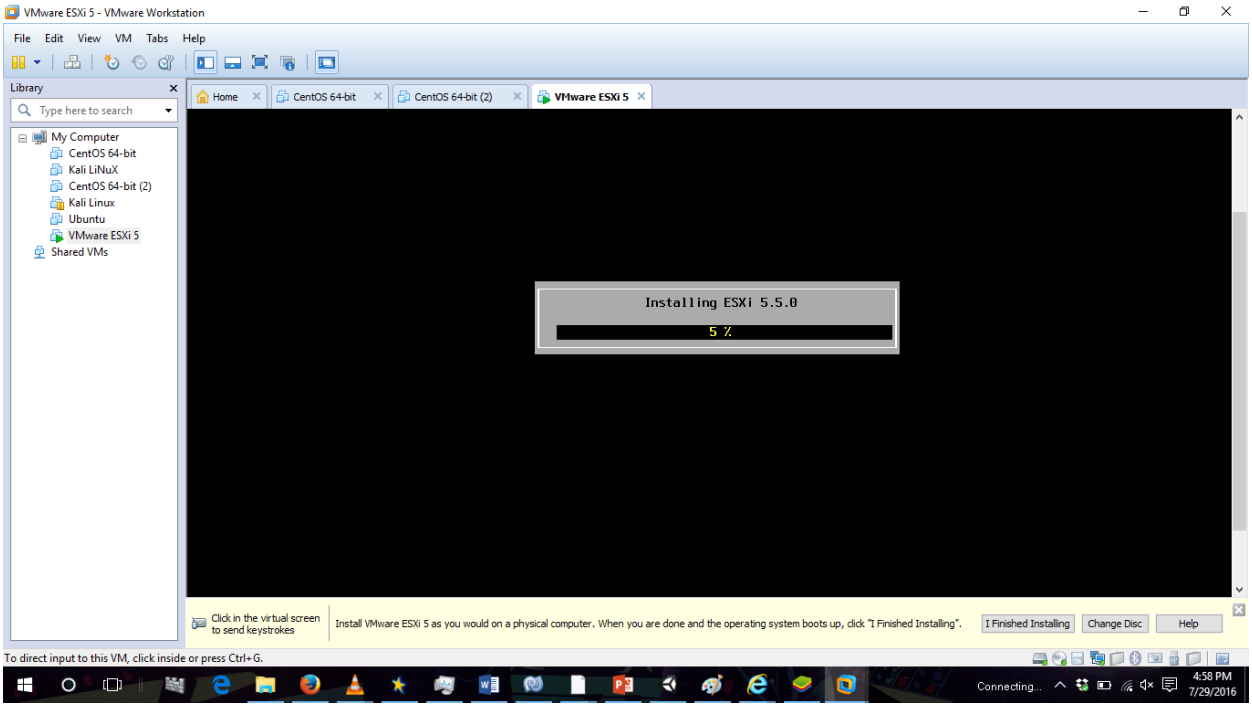
Scanning System.



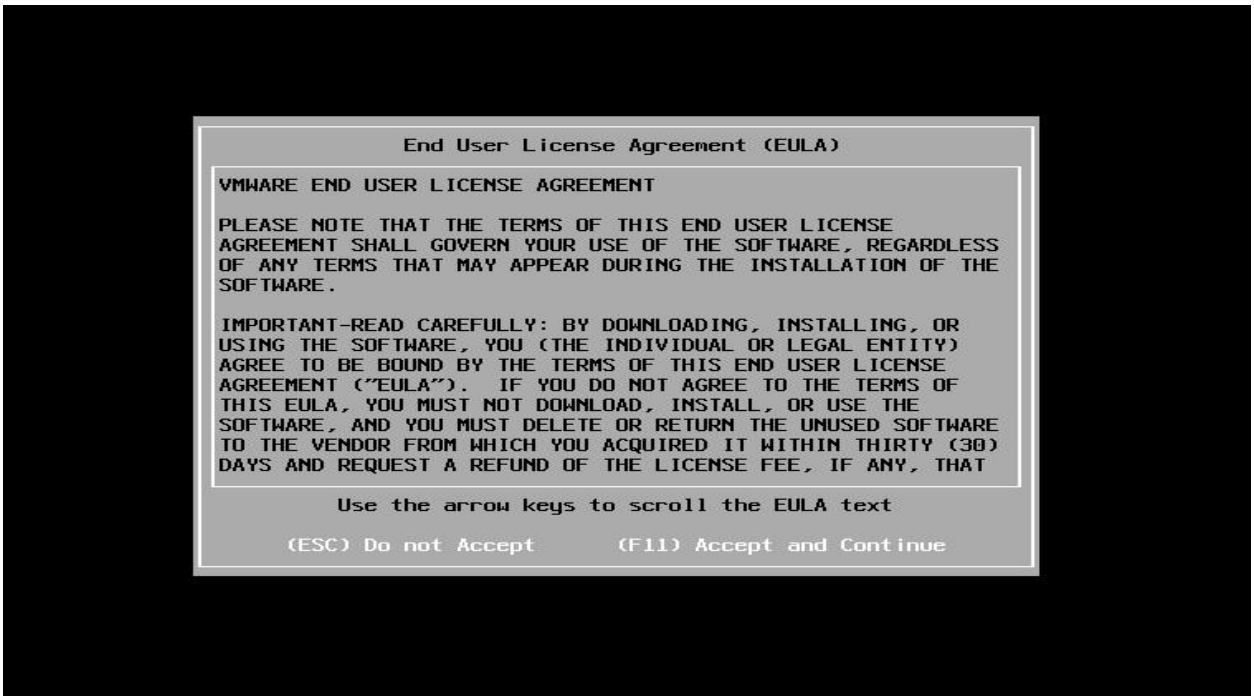
Press F11 to Confirm and Install.



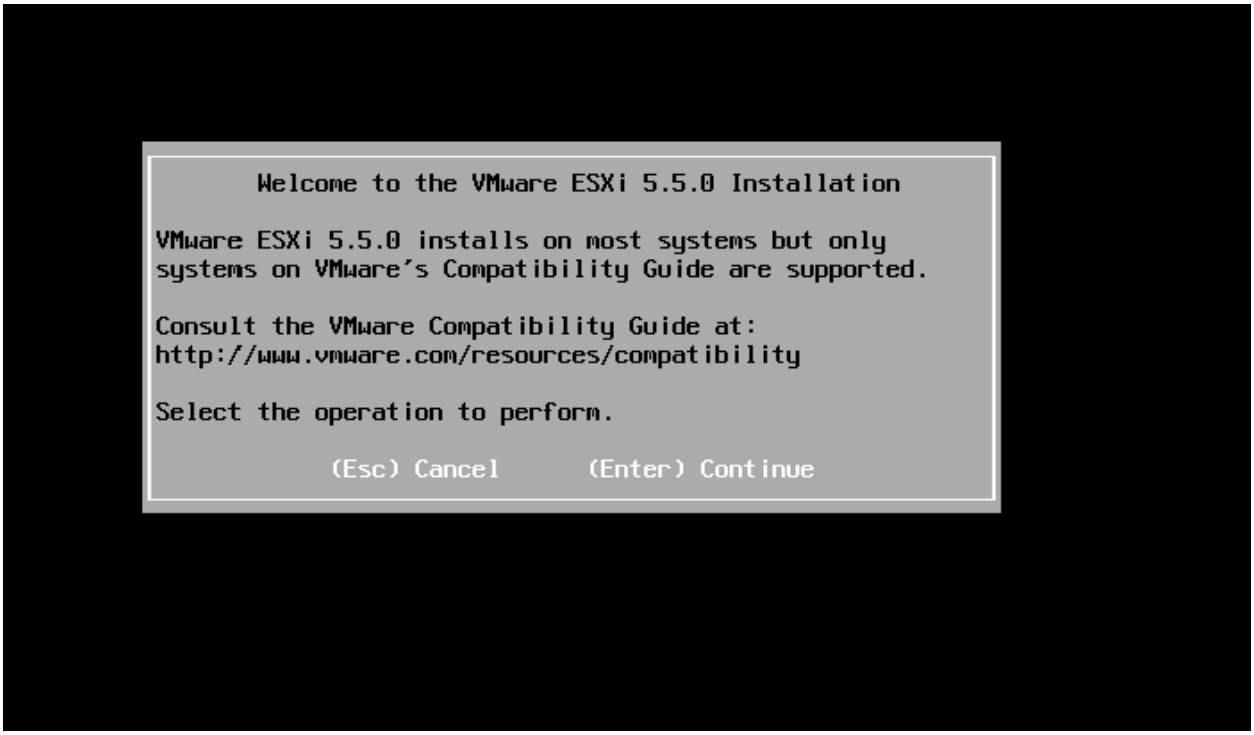
Installing in Progress.



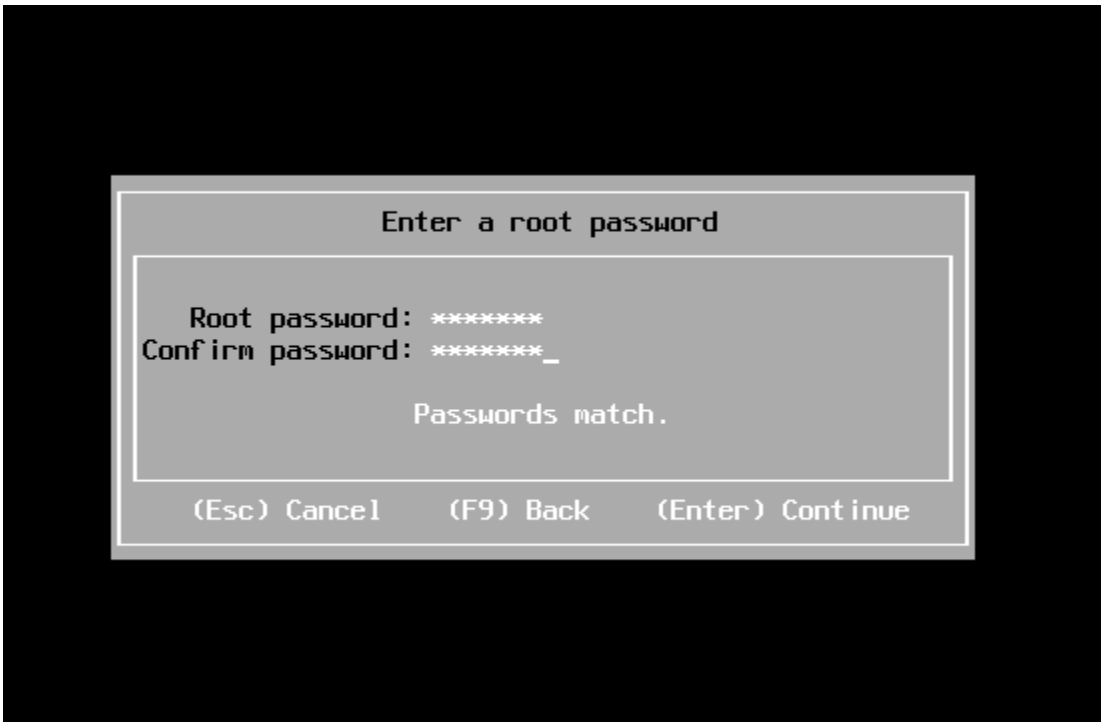
Press F11 to Accept and Continue.



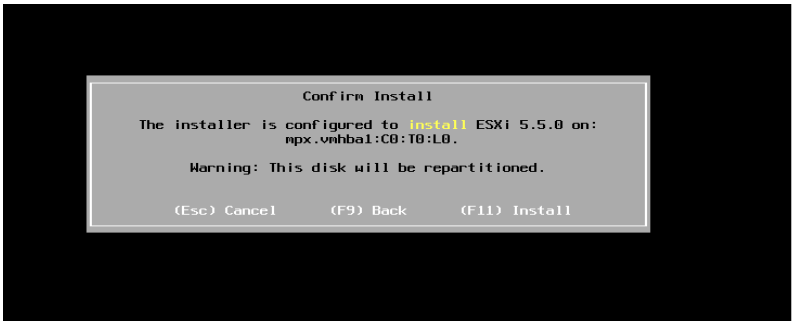
Enter Continue.



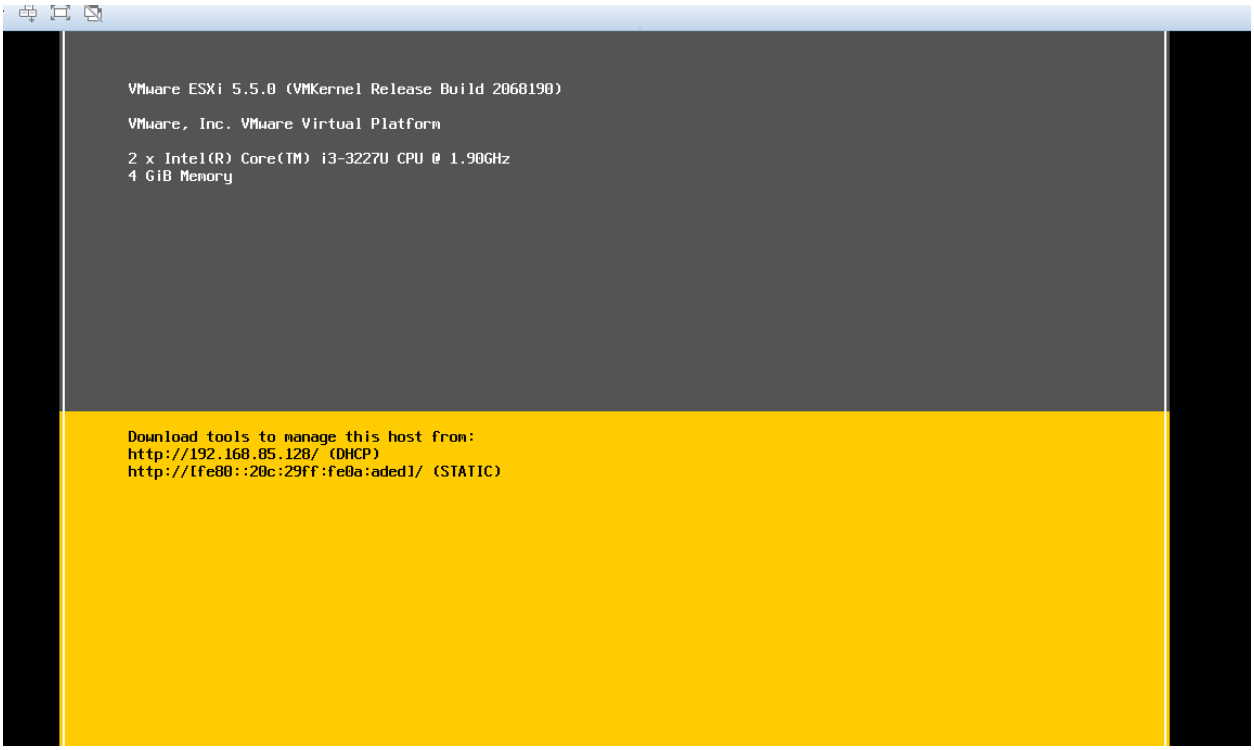
Give a password for "Root password" then confirm it and press "Enter".



Press F11 to Install.



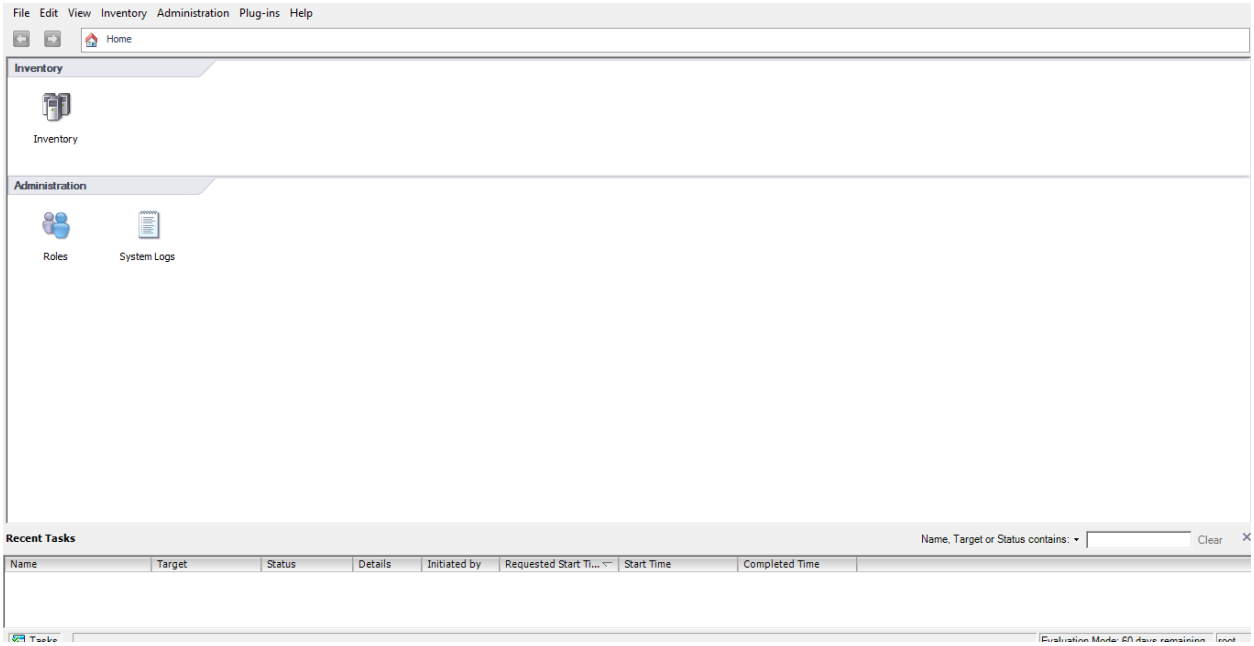
Host IP address is given below. Select that link and download “VMware VClient”.



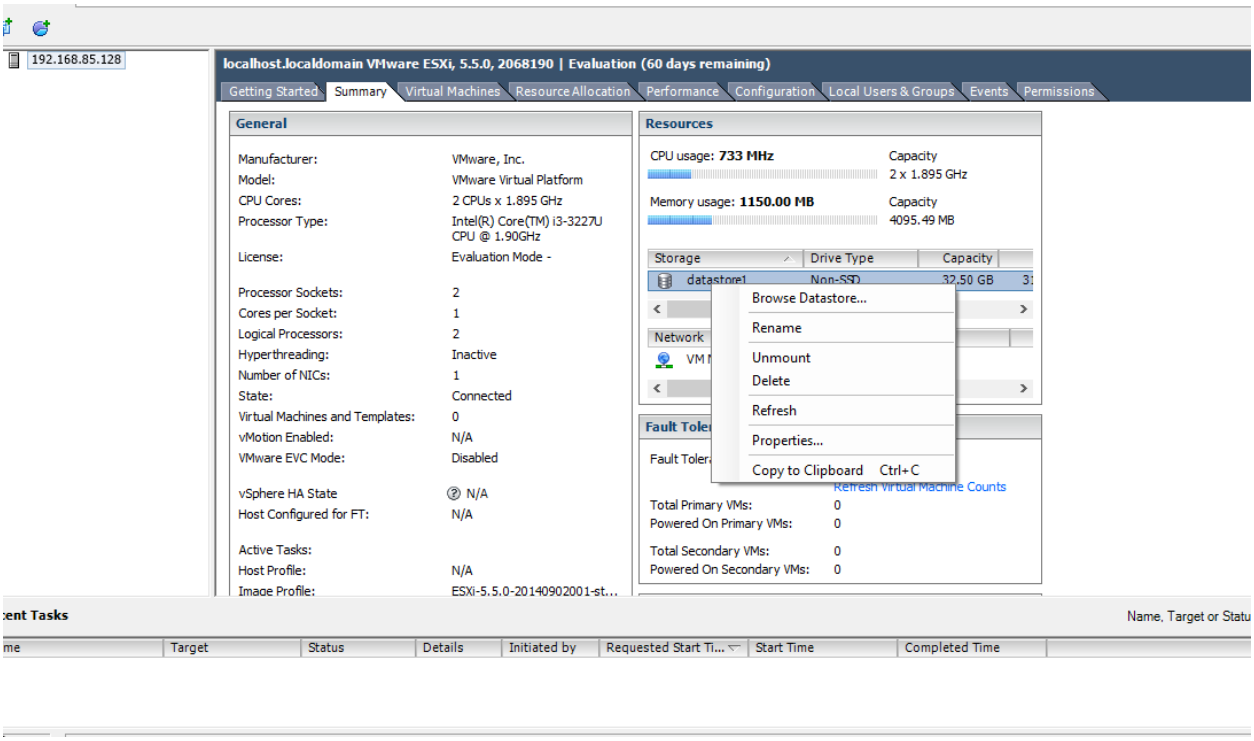
Now go to that downloaded file and run it. Install that VMware vSphere.

After installed, run it. This Window will Display. Provide host IP address previously shown and fill username as “root” and fill the password previously given. Click “Login”.

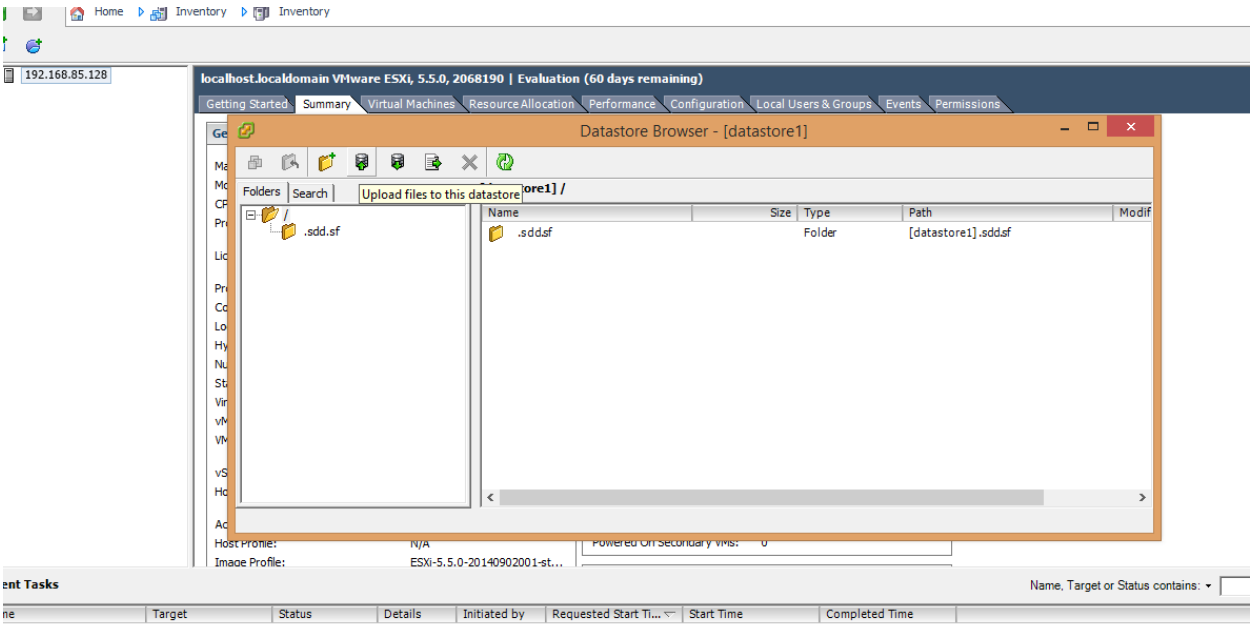
This Window will Display.



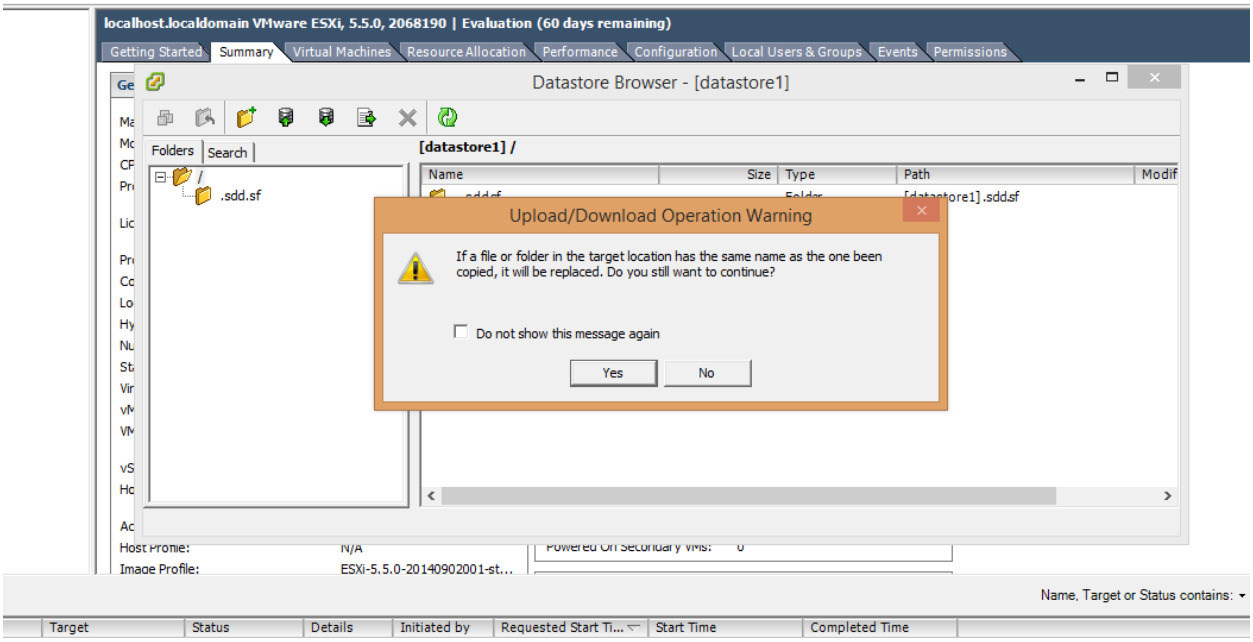
Right click “databases” and select “Browse Database”.



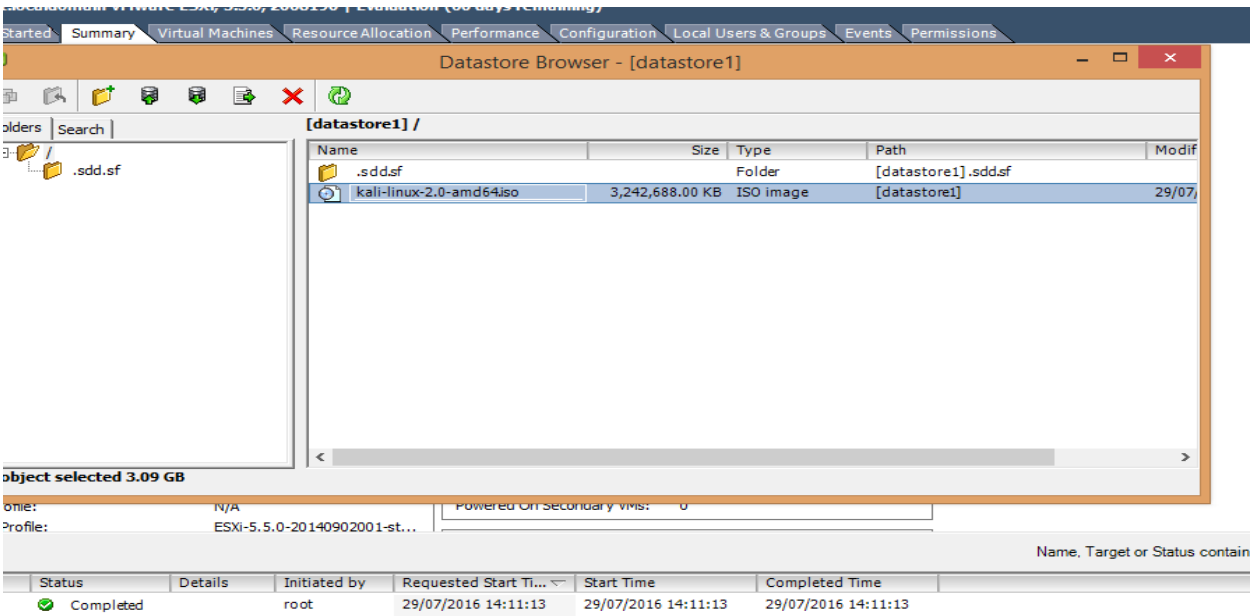
As shown below select “Upload File” and browse for “Kali Linux”.



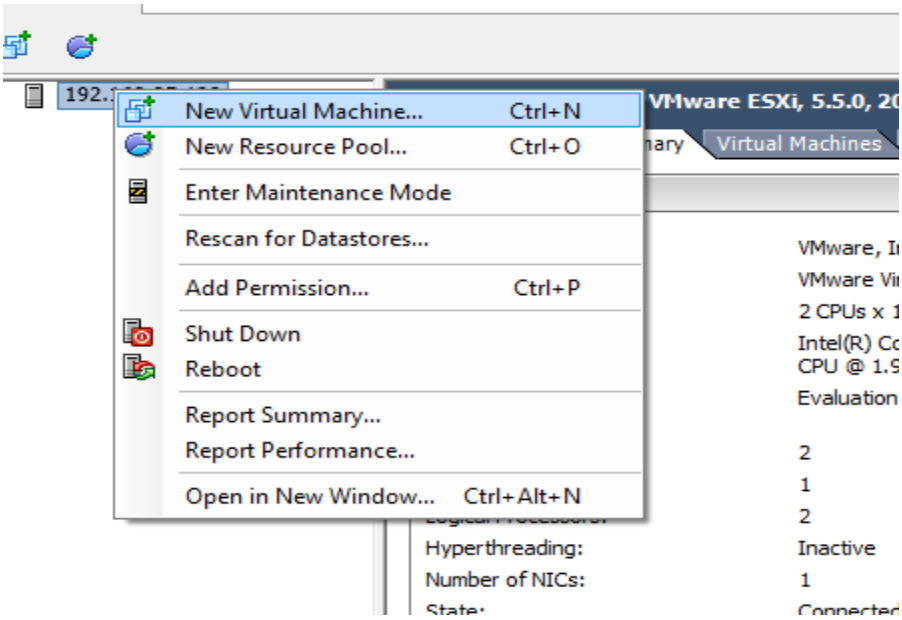
Select “Yes”.



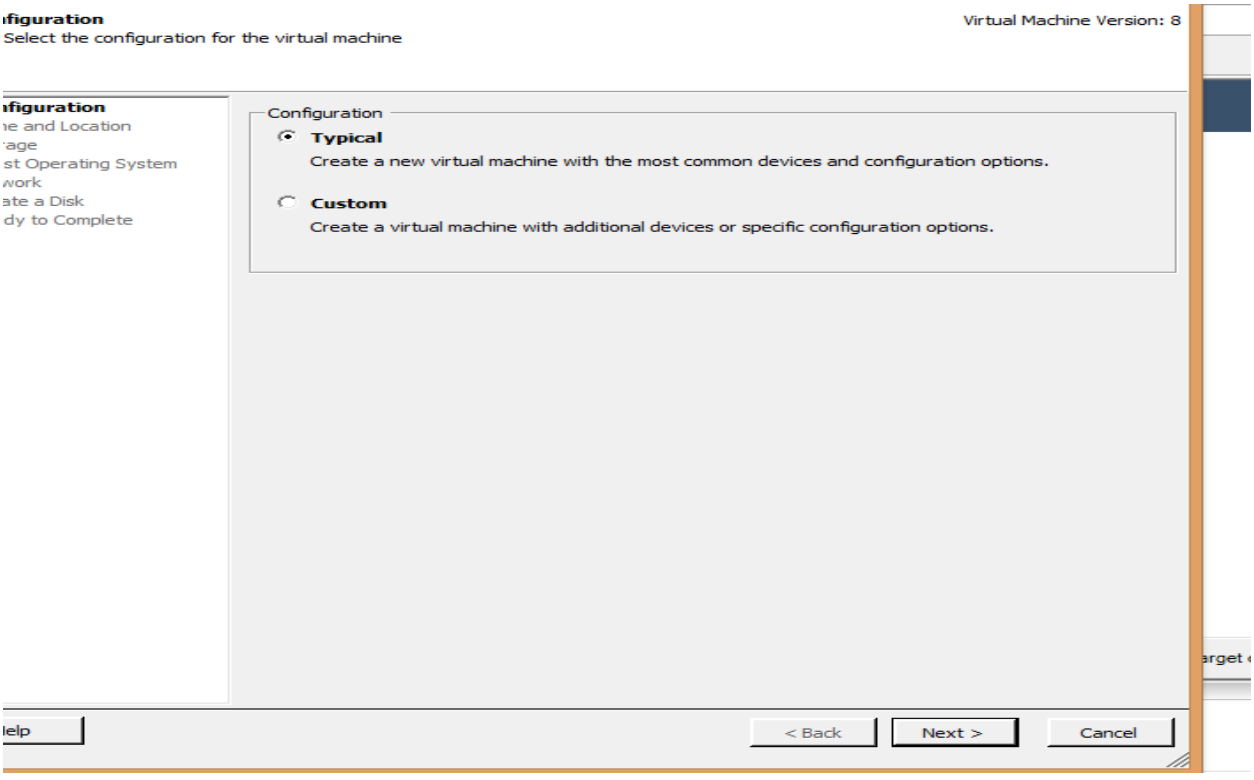
Linux will display here.



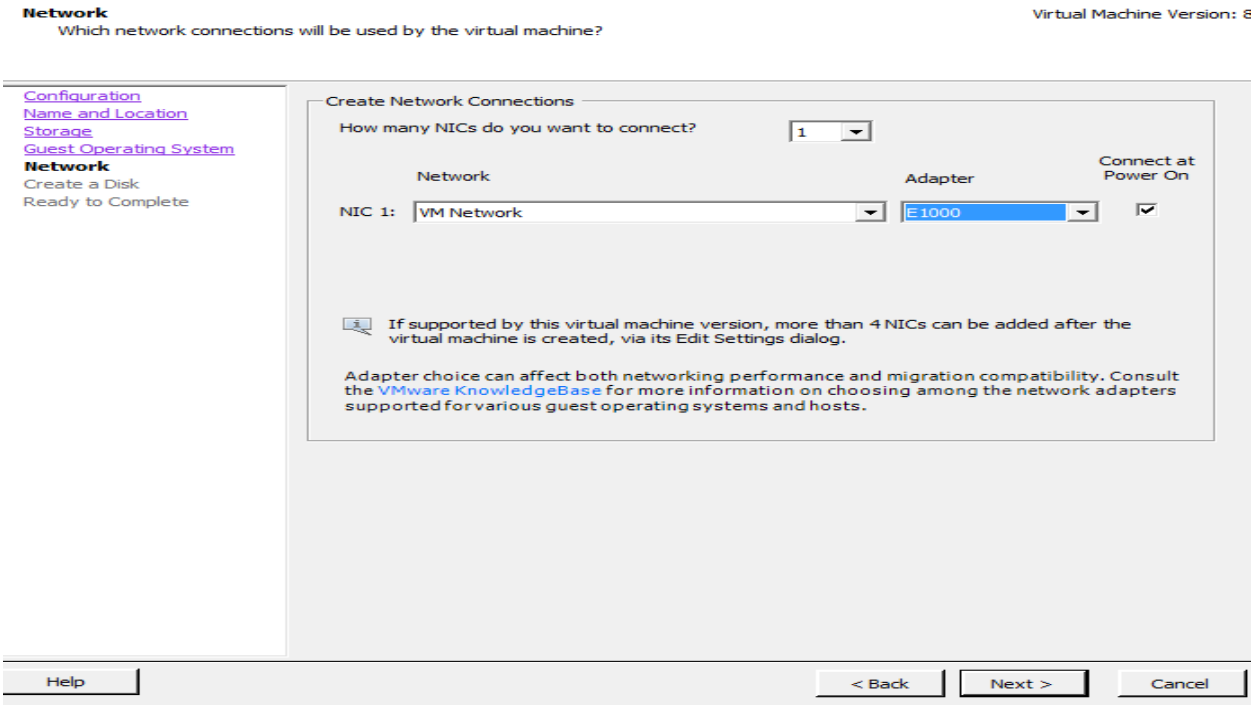
Go to the IP address shown on and right click then select “New Virtual Machine”.



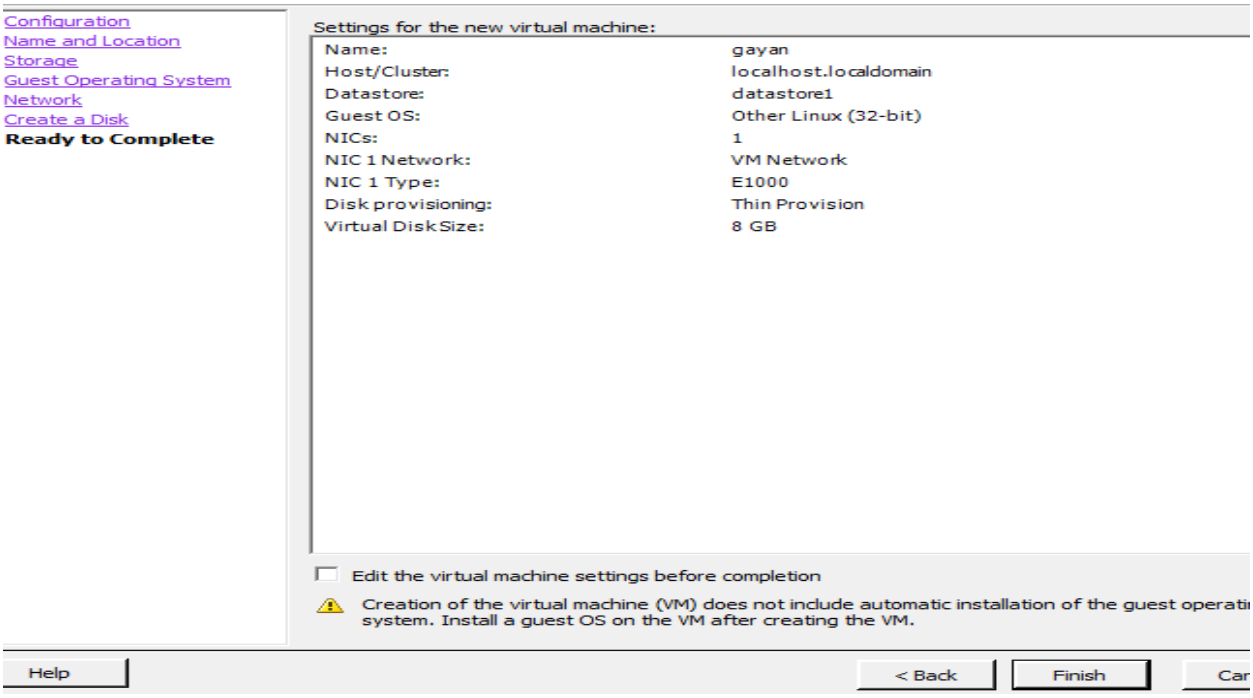
Select “Typical” and then click “Next”.



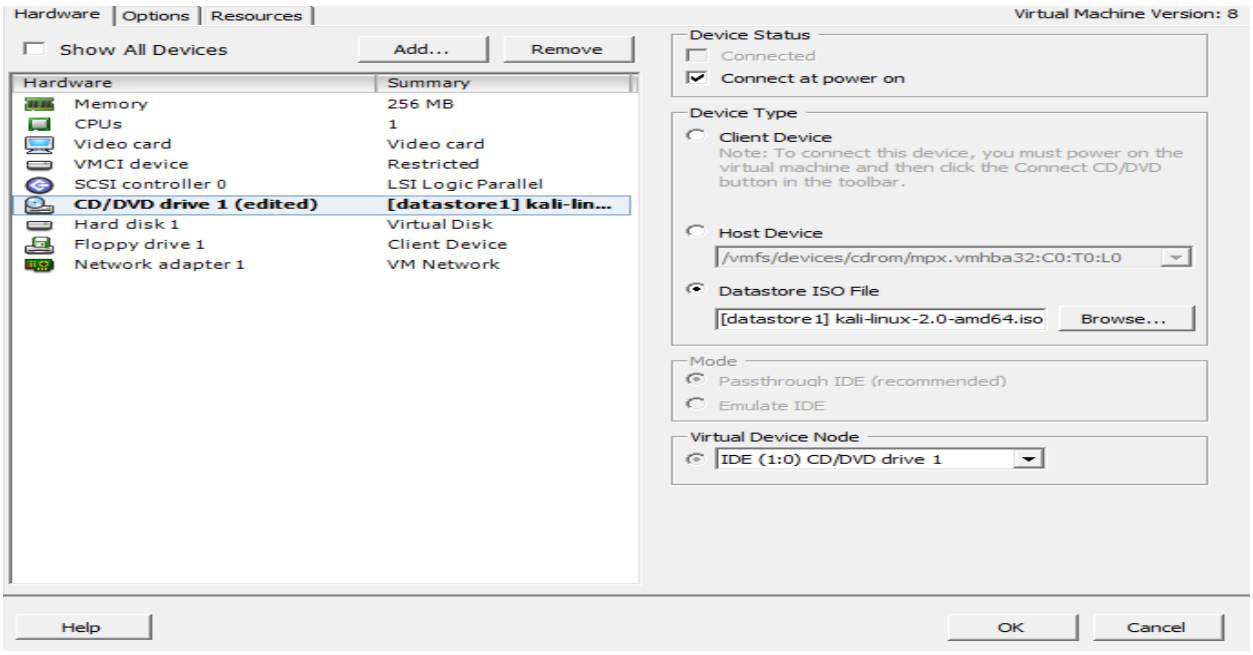
Select “Linux” and from the dropdown list select “Other Linux (32 bit)”. Select “E100” as Adapter and click “Next”.



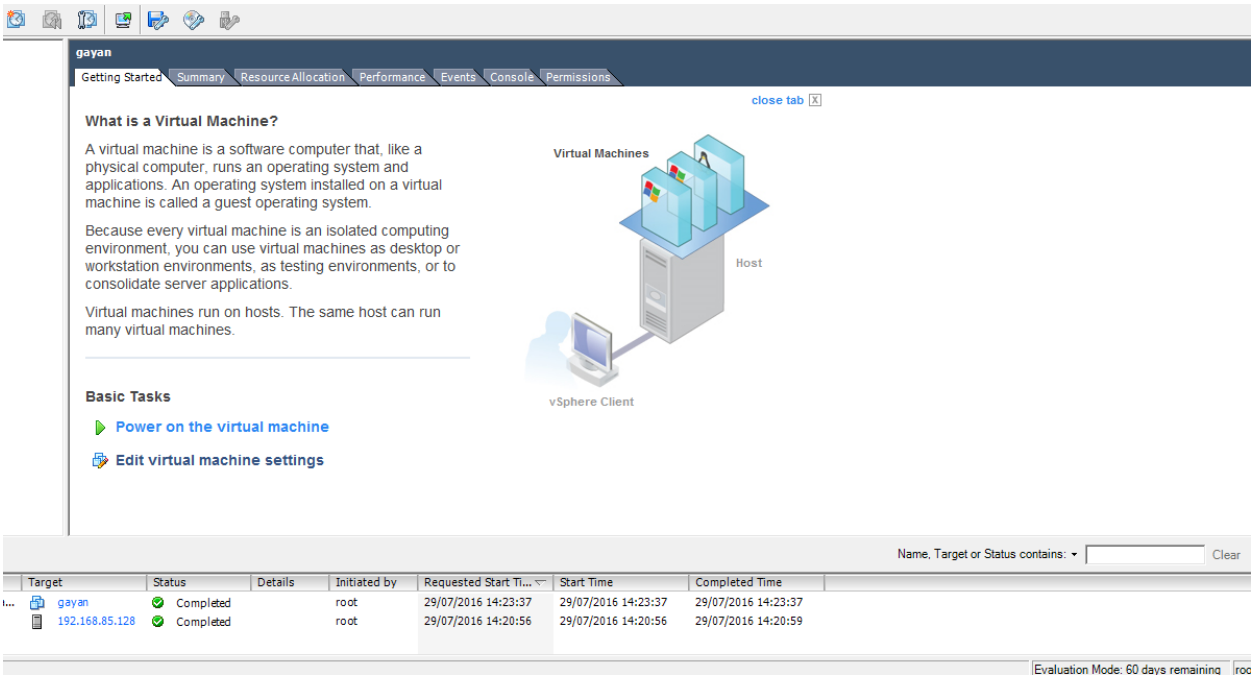
Select “Finish”.



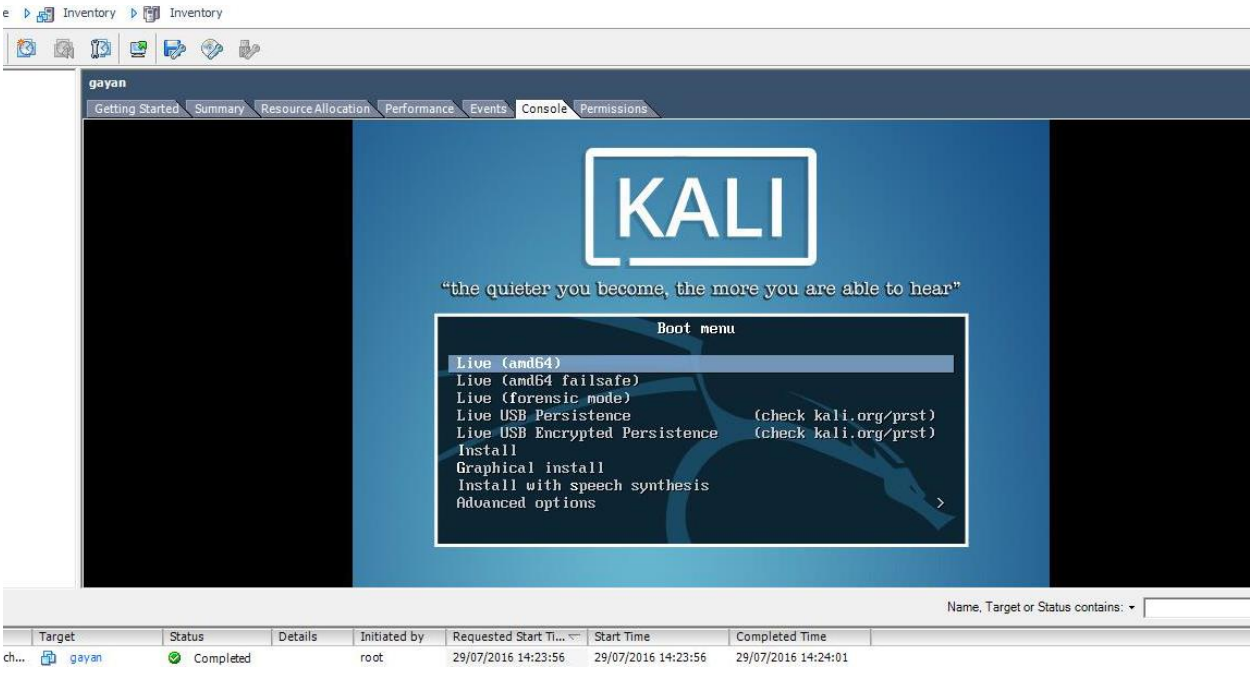
Select “CD/DVD drive 1” and browse Data store ISO file, then click “Host Device”.



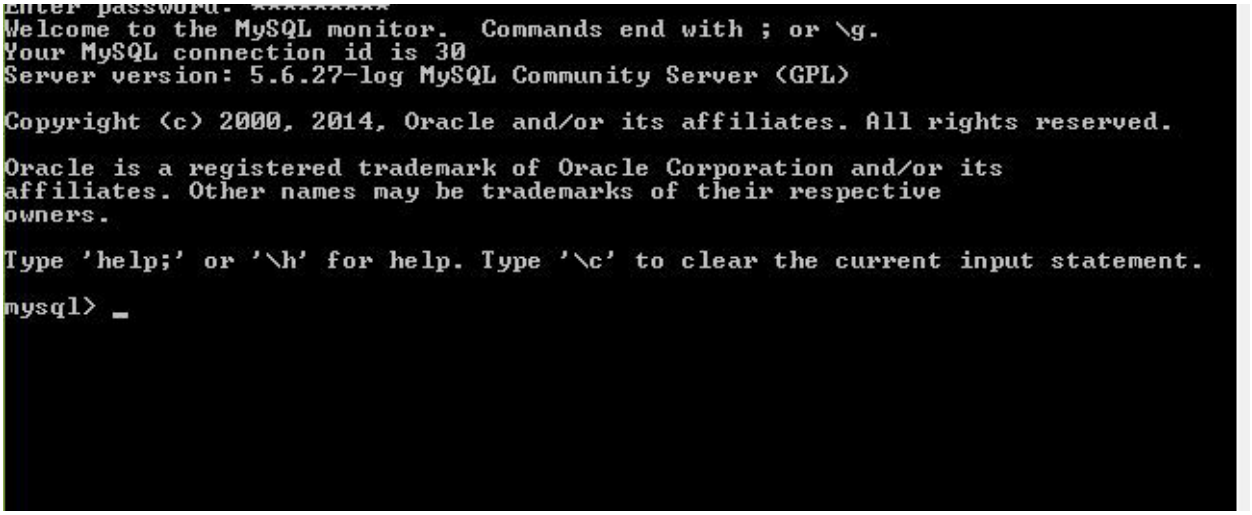
Now it has been installed successfully. Click “Power on the virtual machine”.



Go to the console you can see Kali Linux is running.



Final Window.


Enter password: **********
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 30
Server version: 5.6.27-log MySQL Community Server (GPL)
Copyright (c) 2000, 2014, Oracle and/or its affiliates. All rights reserved.
Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql>