

Sri Lanka Institute of Information Technology



4nd Year 2st Semester 2016

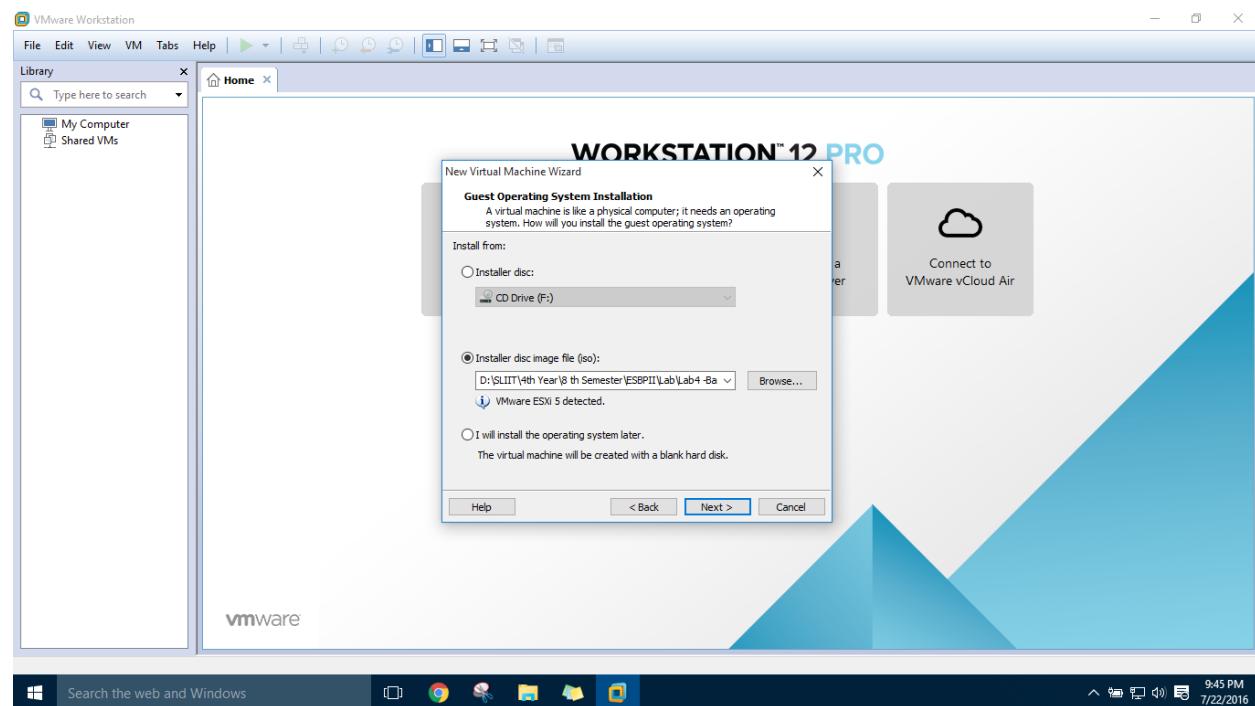
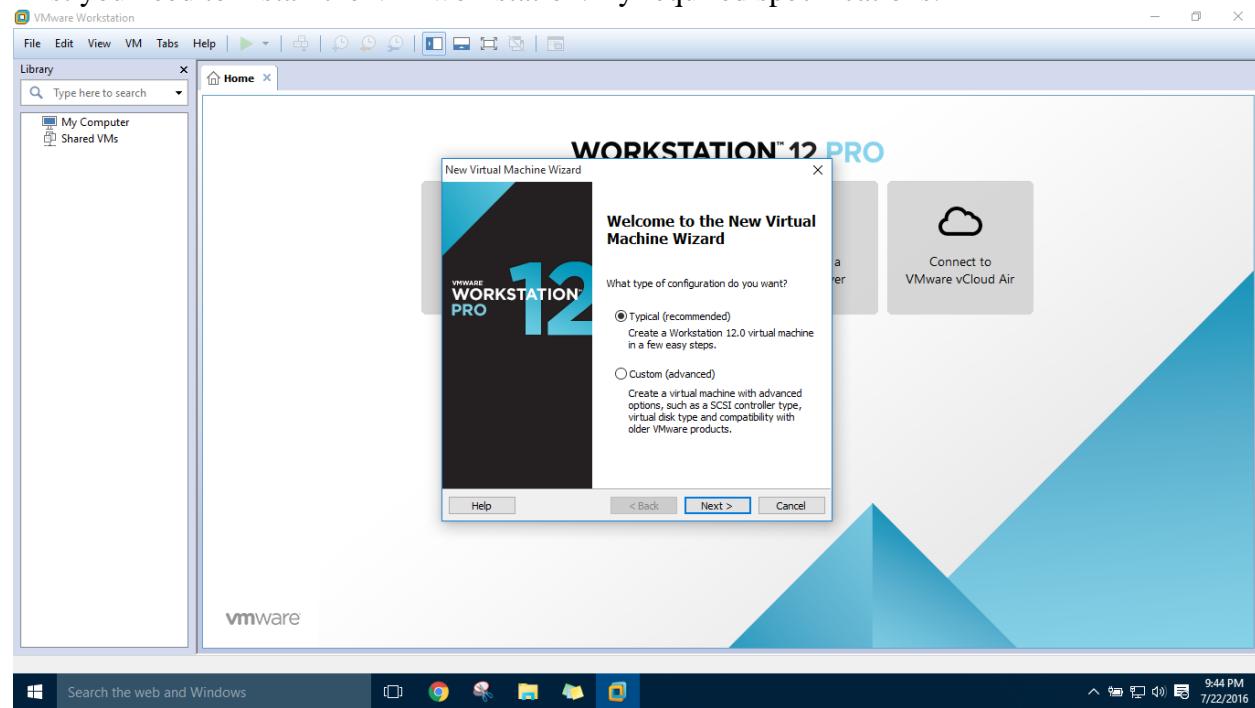
Enterprise Standards and Best Practices for IT Infrastructure

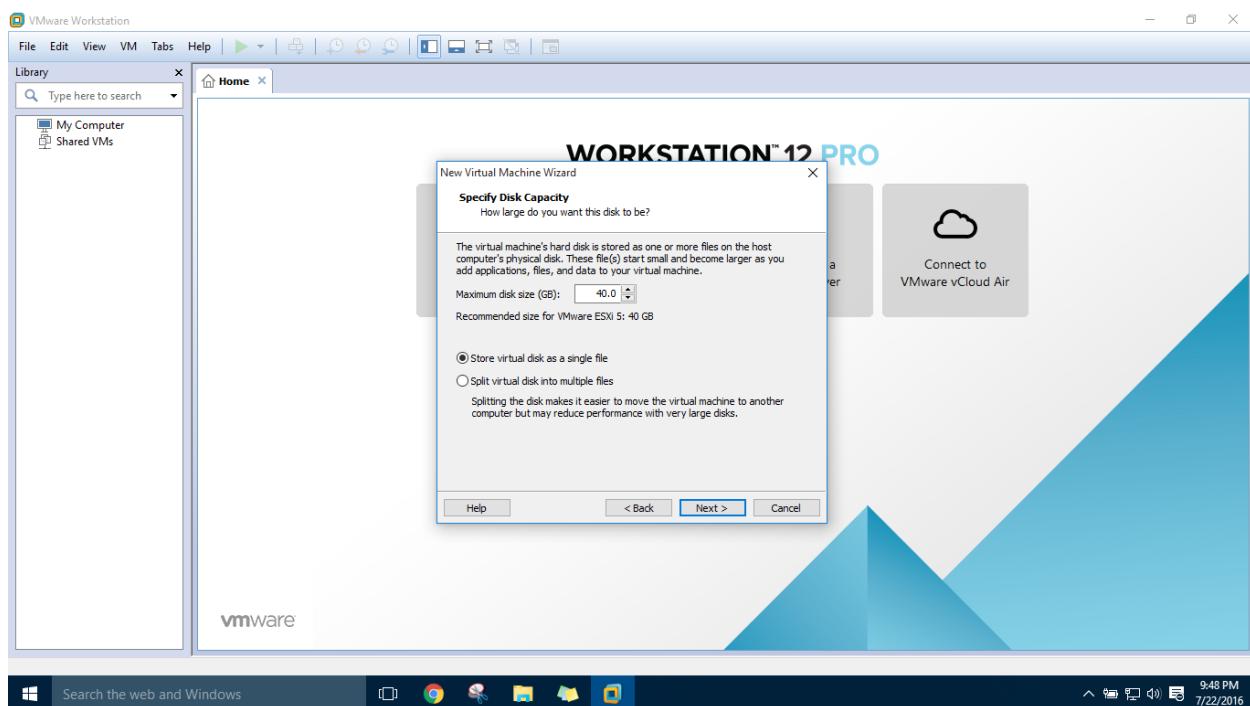
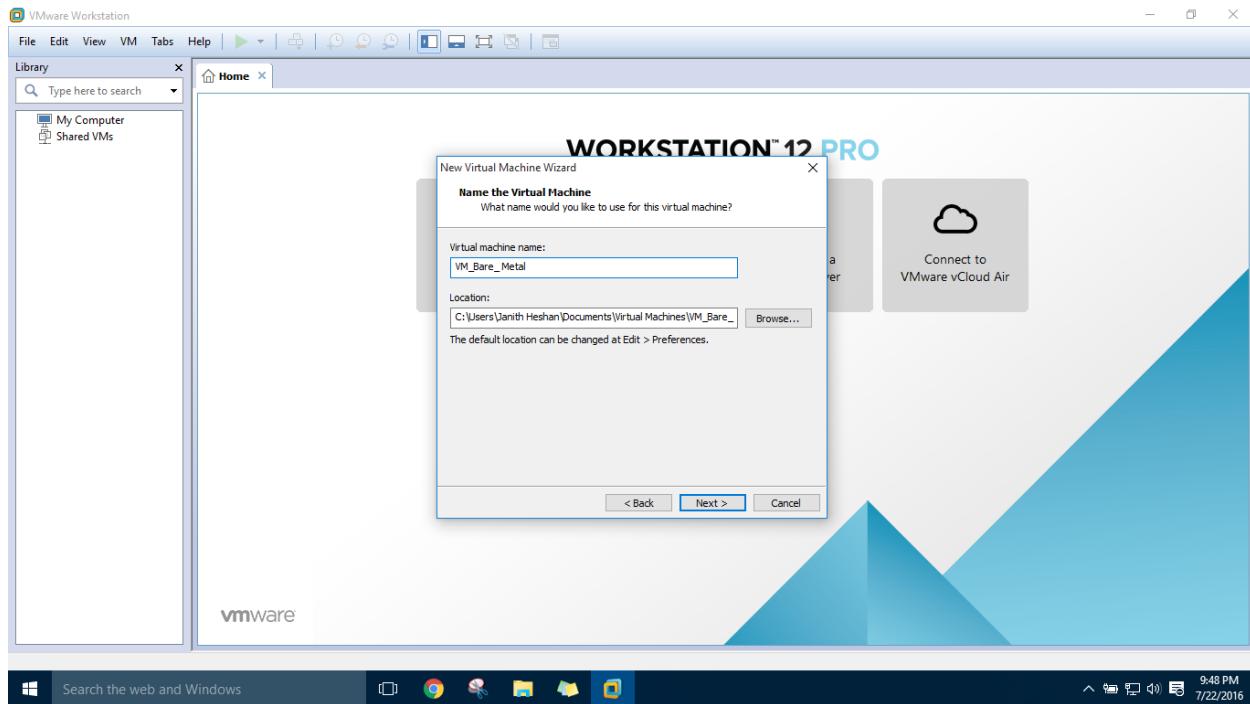
Baremetal Virtual Machine Installation

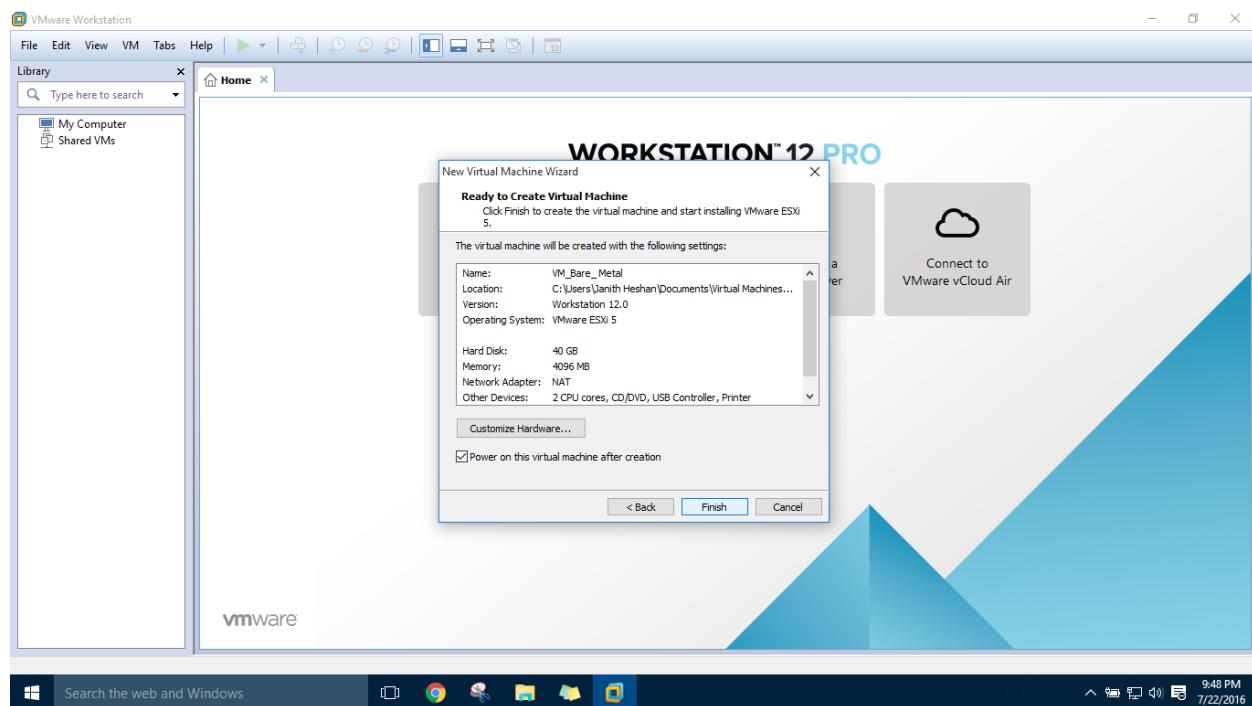
Registration No: **IT 13 003142**

Name: **Gamage K.G.J.H**

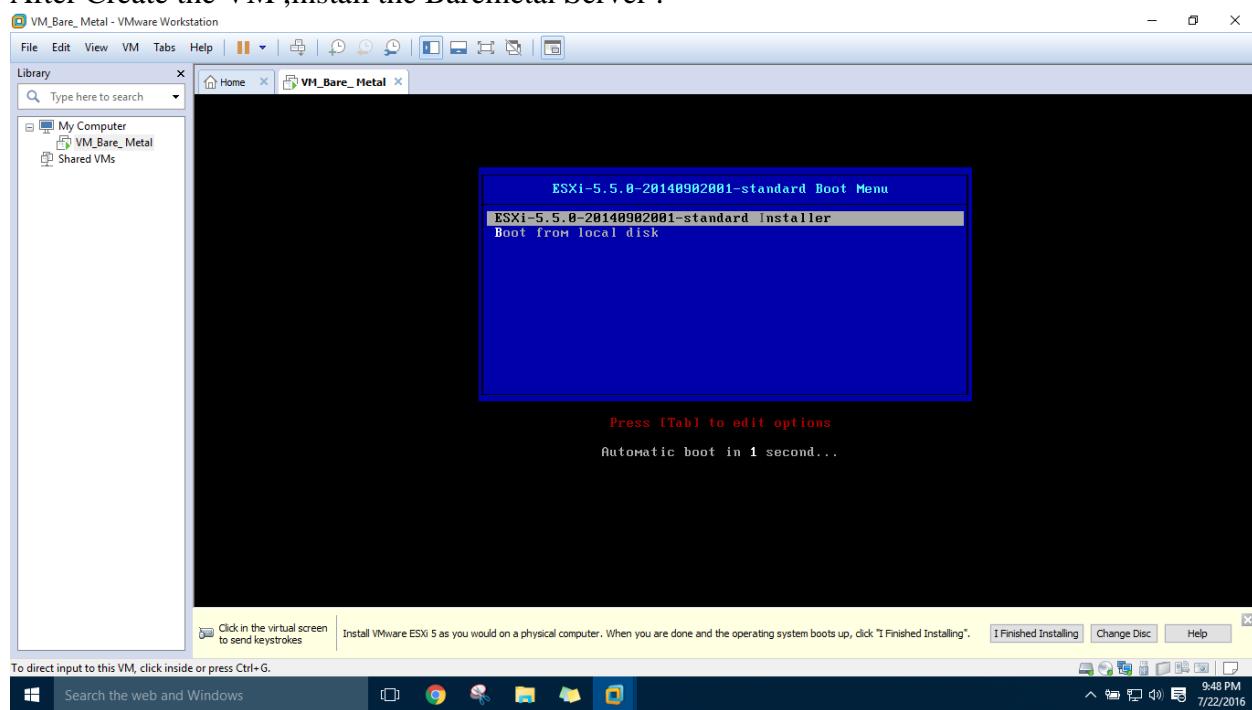
First you need to install the VM workstation. By required specifications.

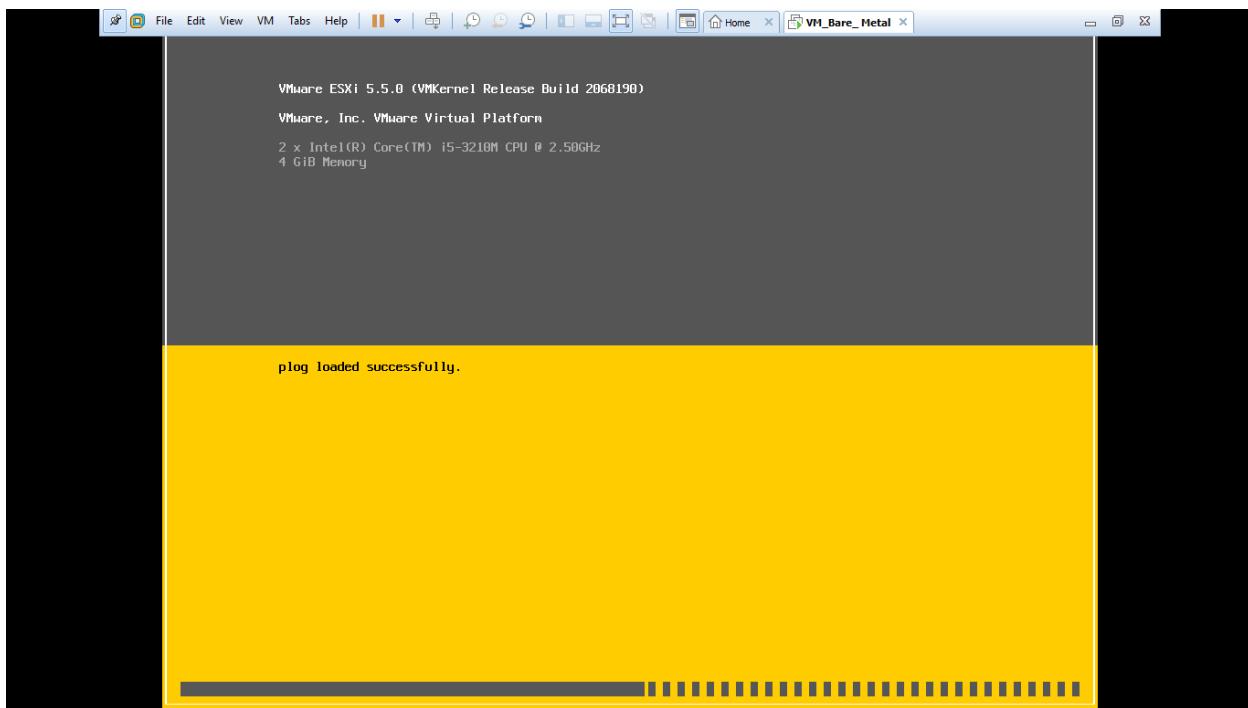
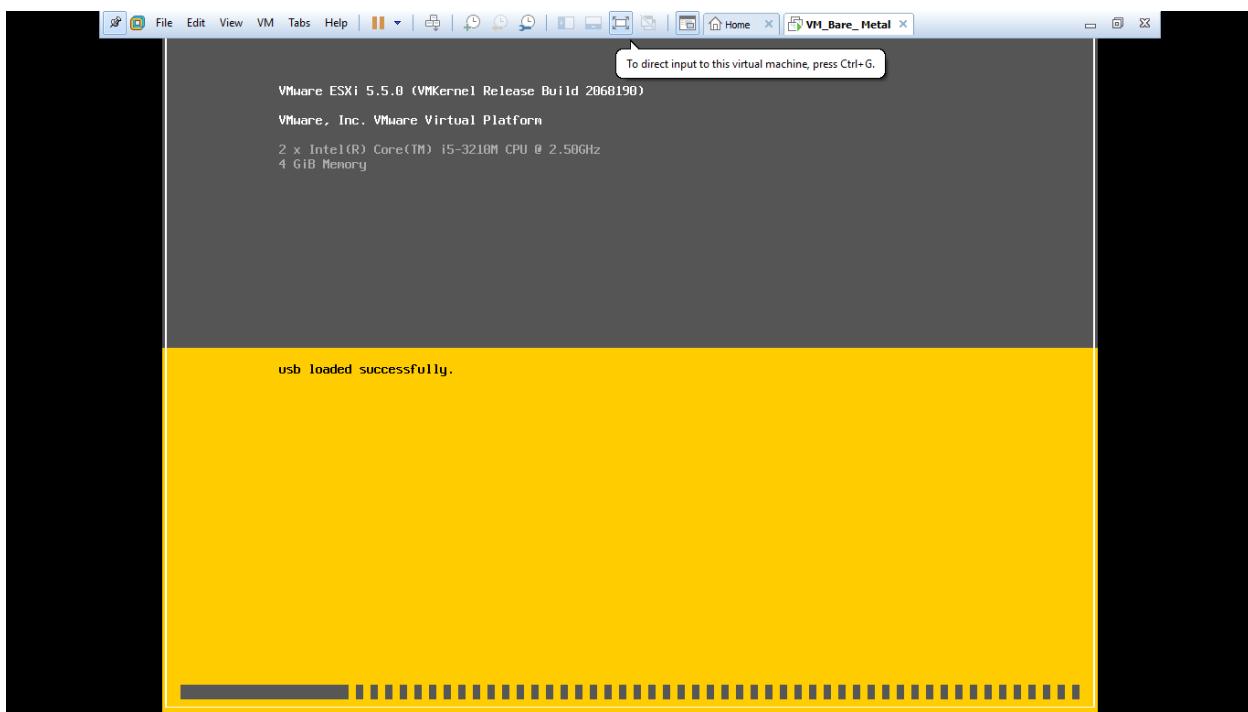


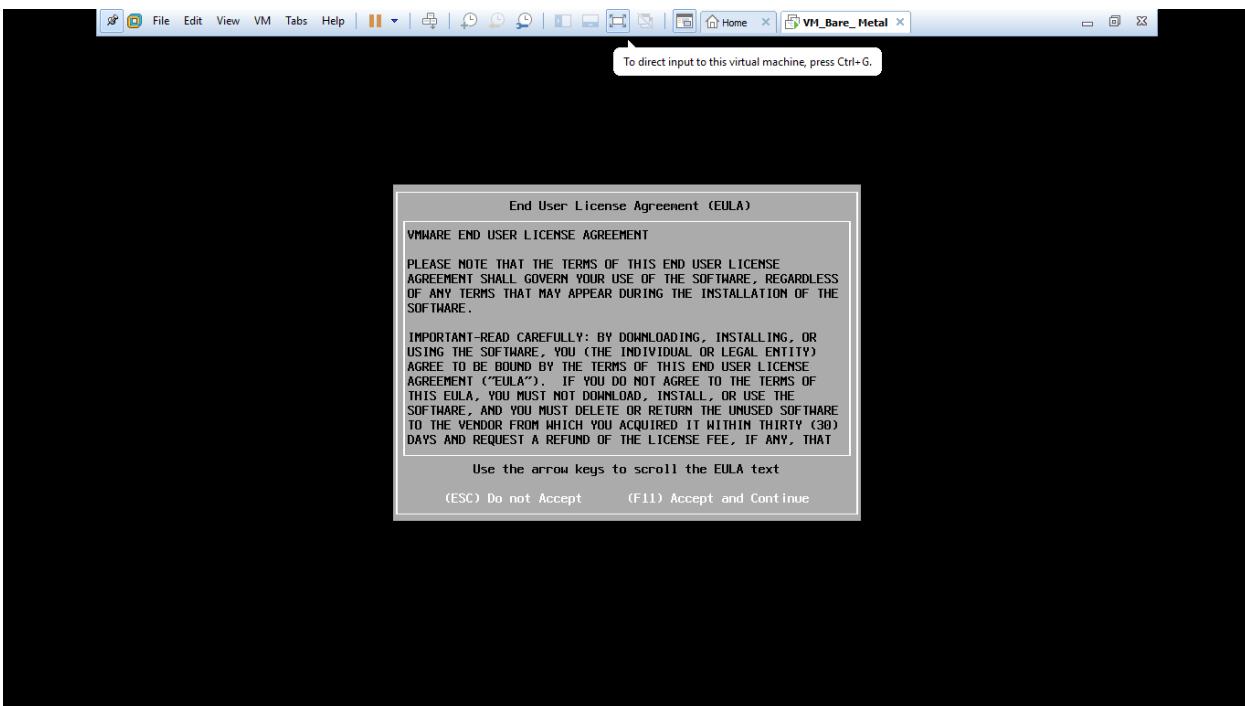
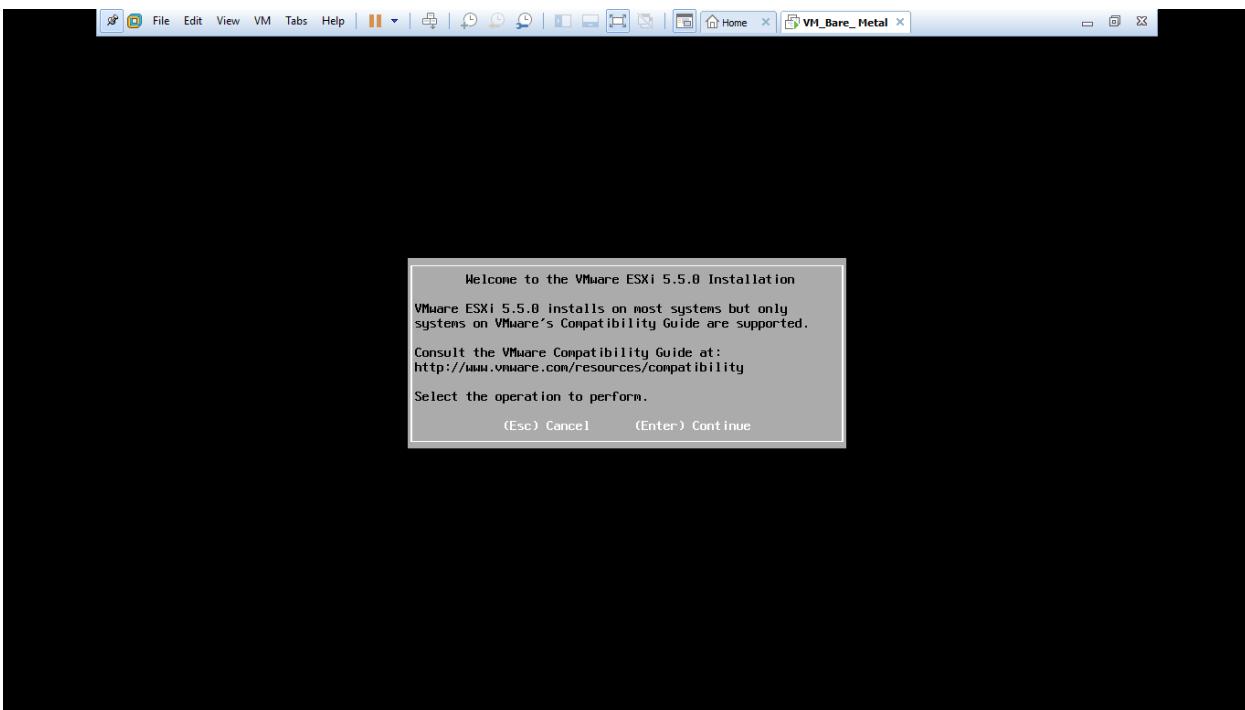


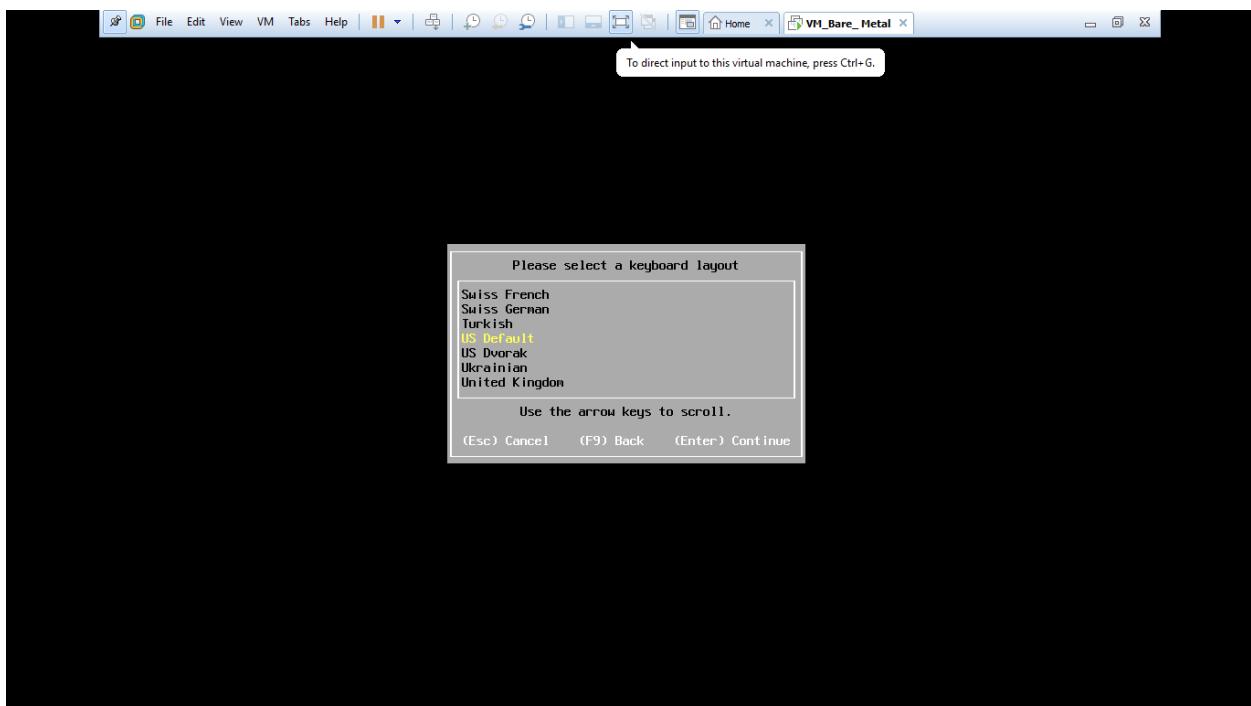
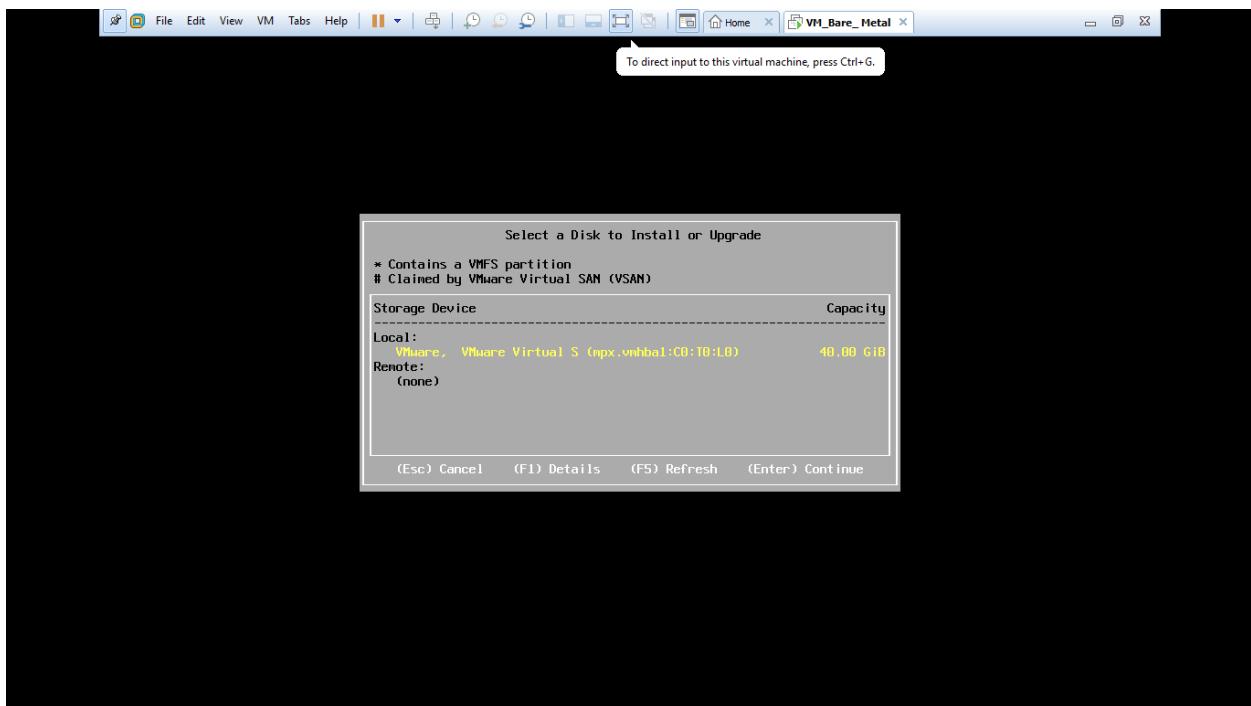


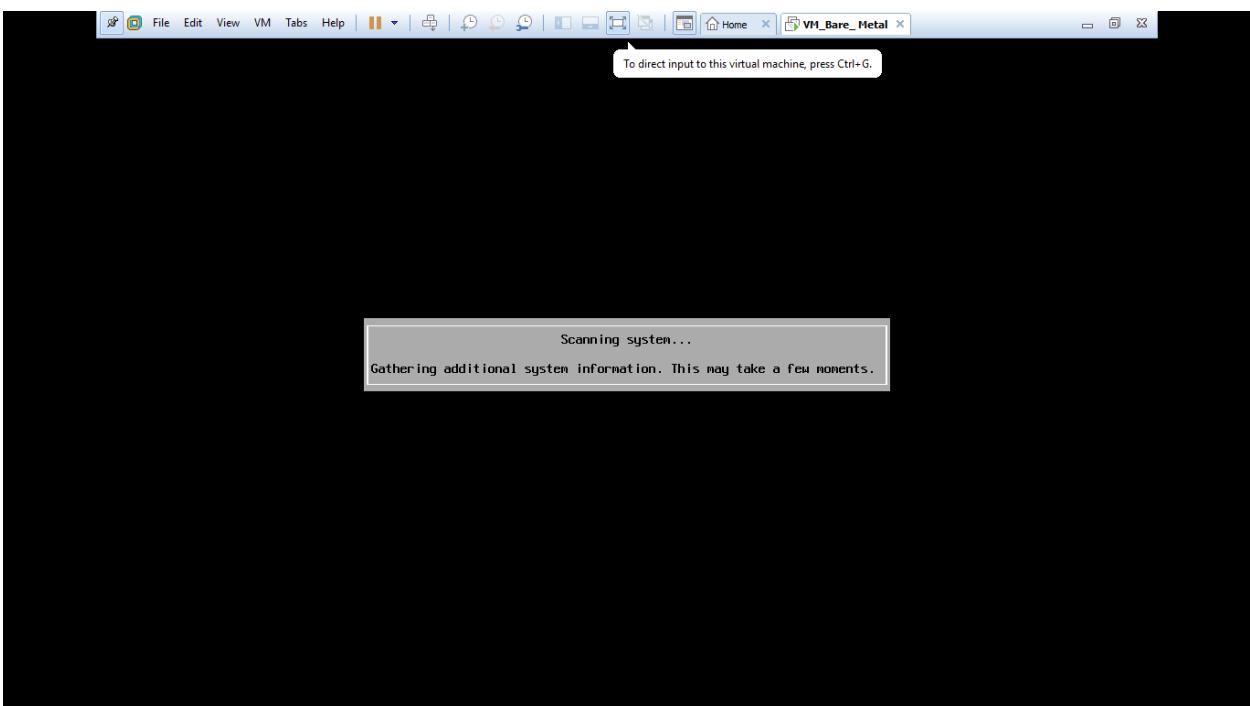
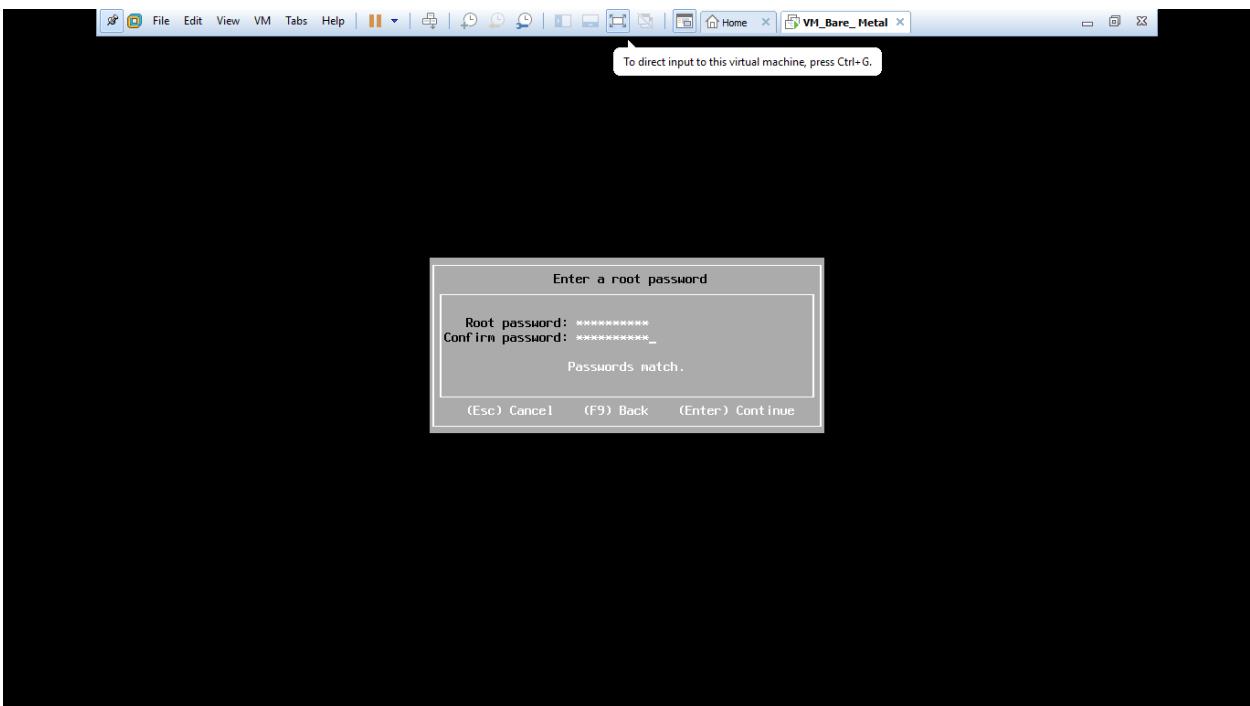
After Create the VM ,install the Baremetal Server .

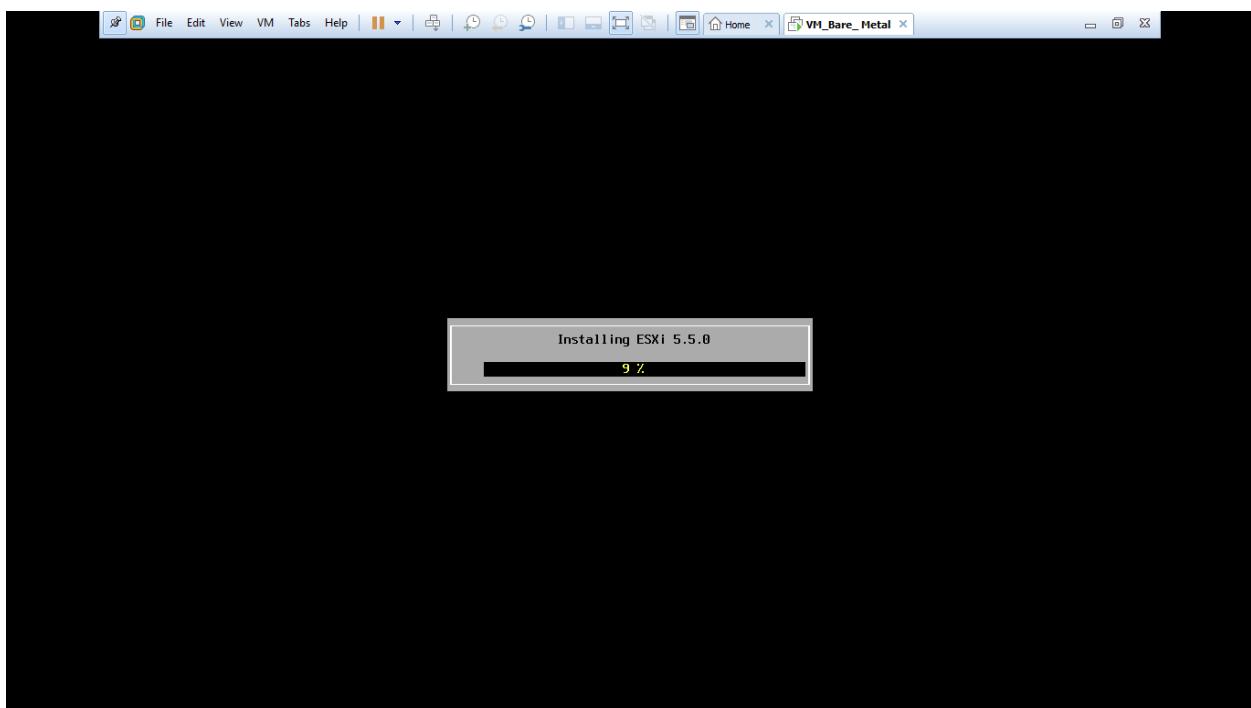
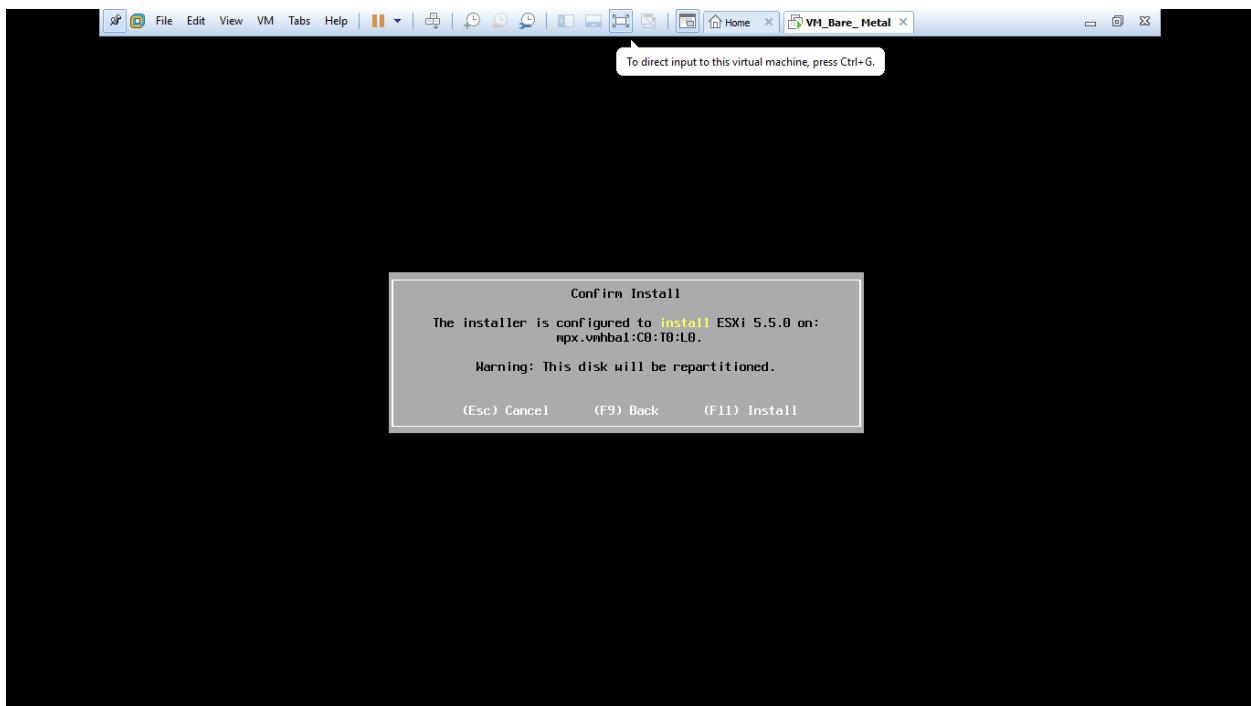


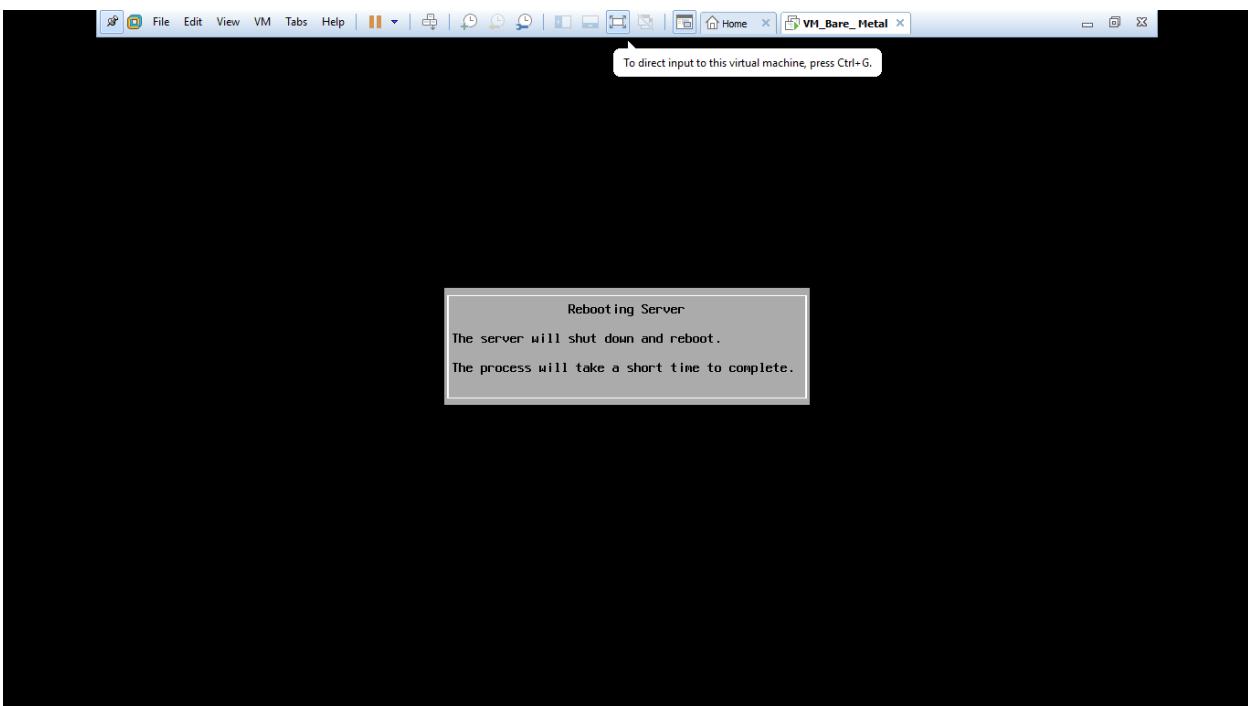
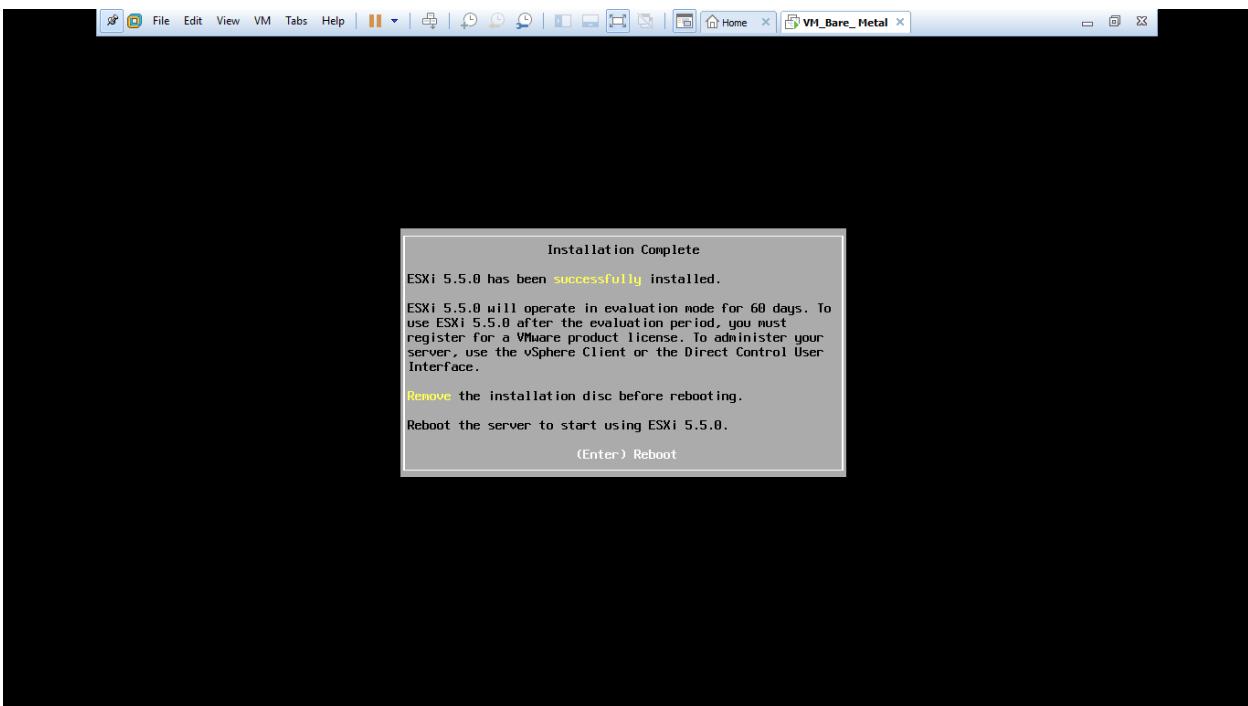


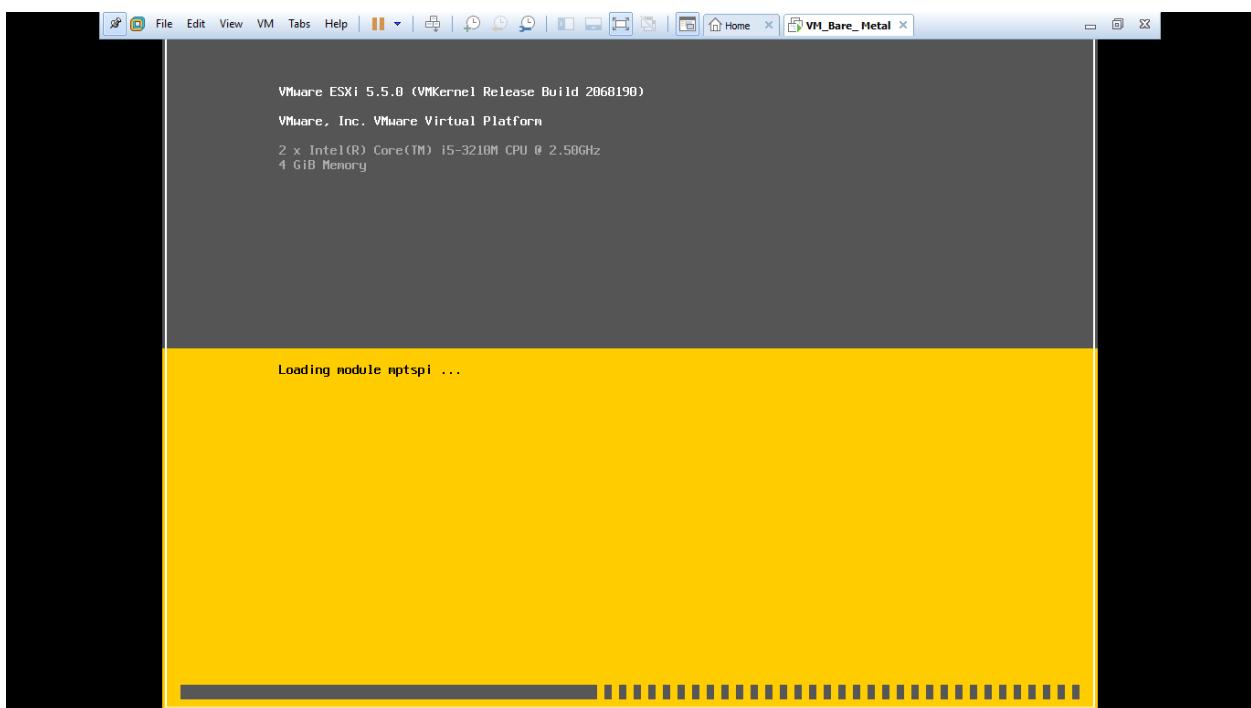
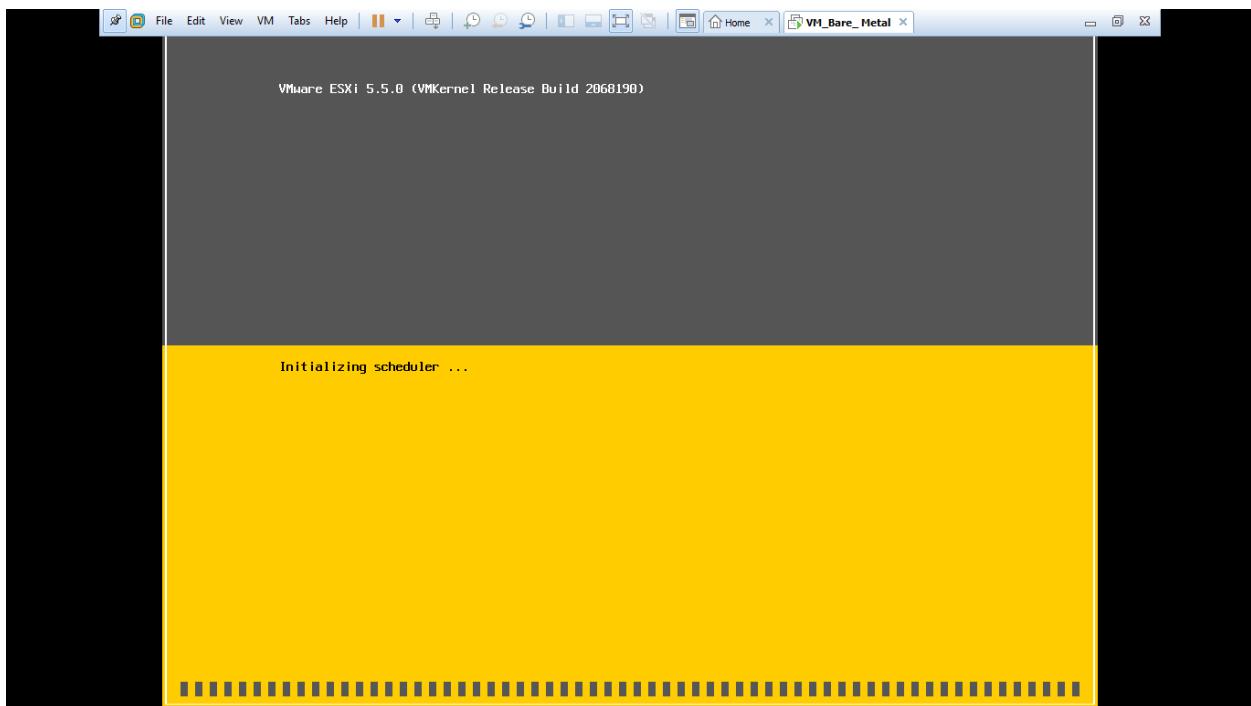


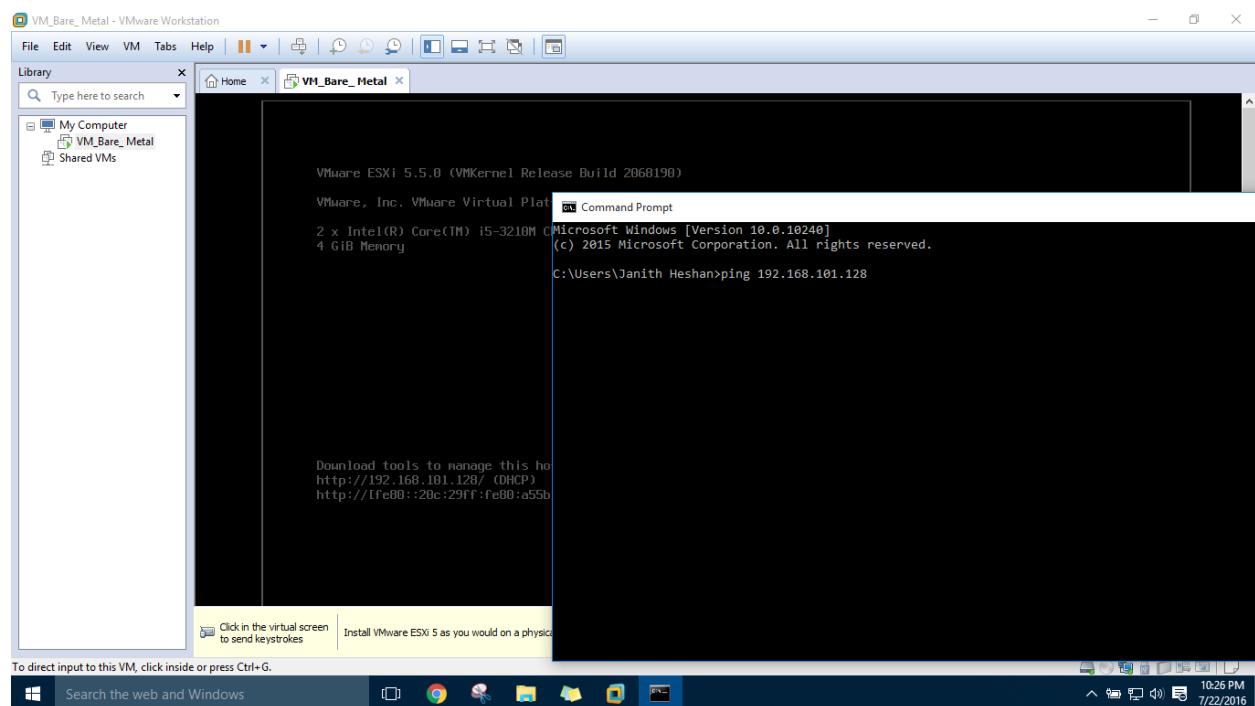
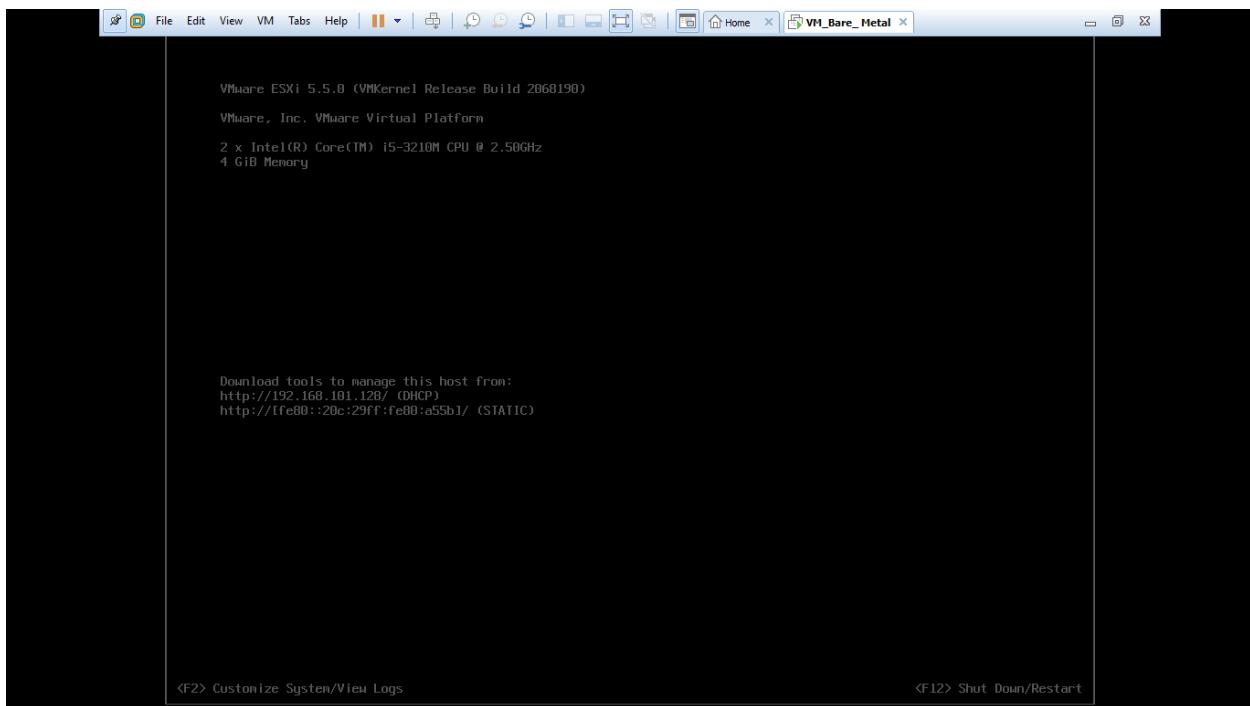


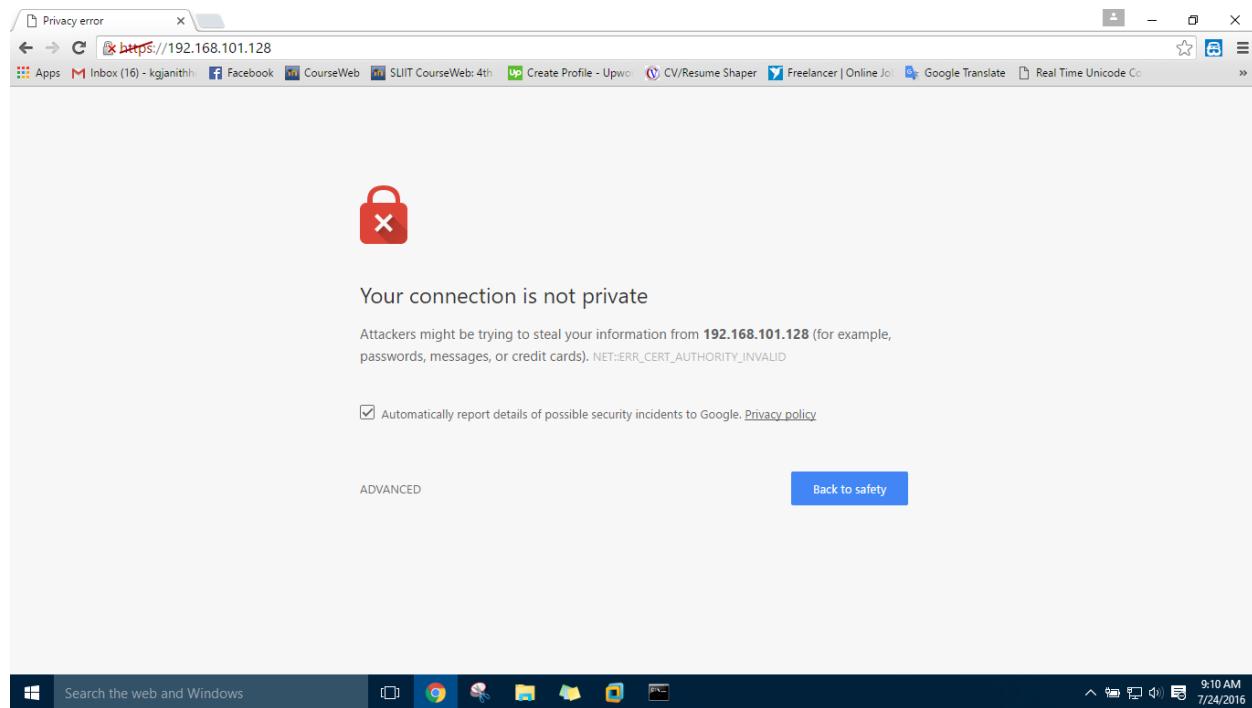
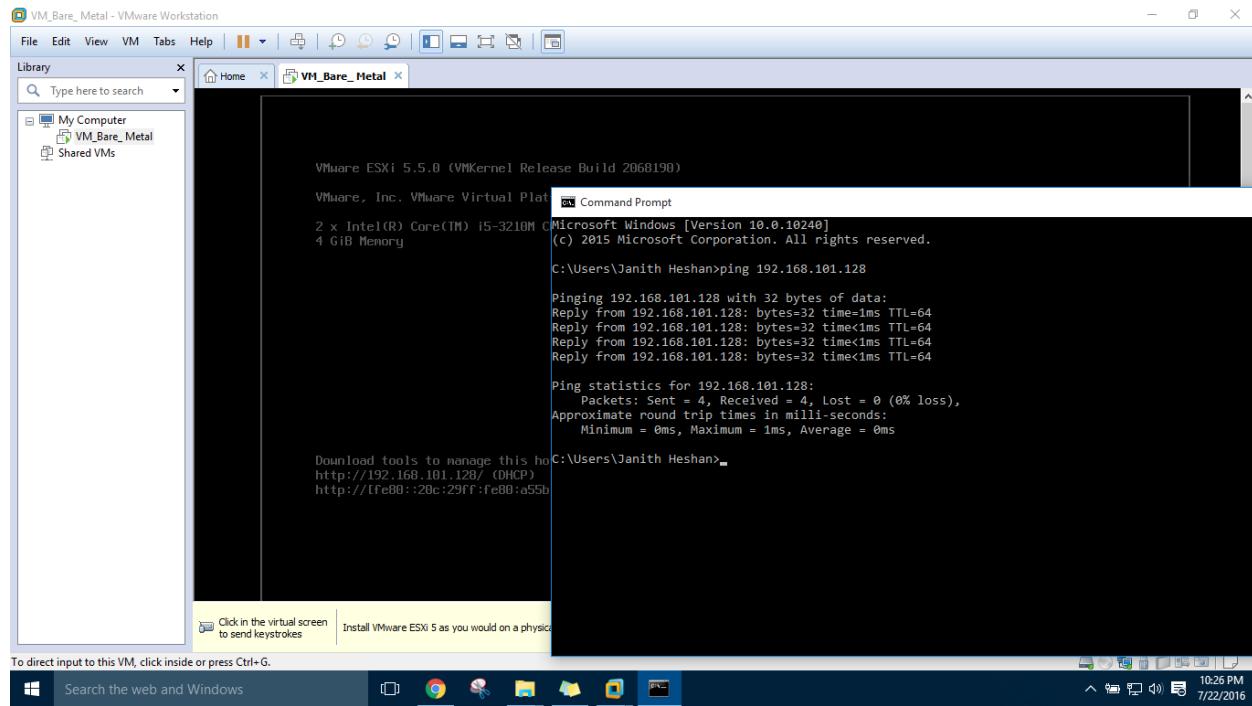


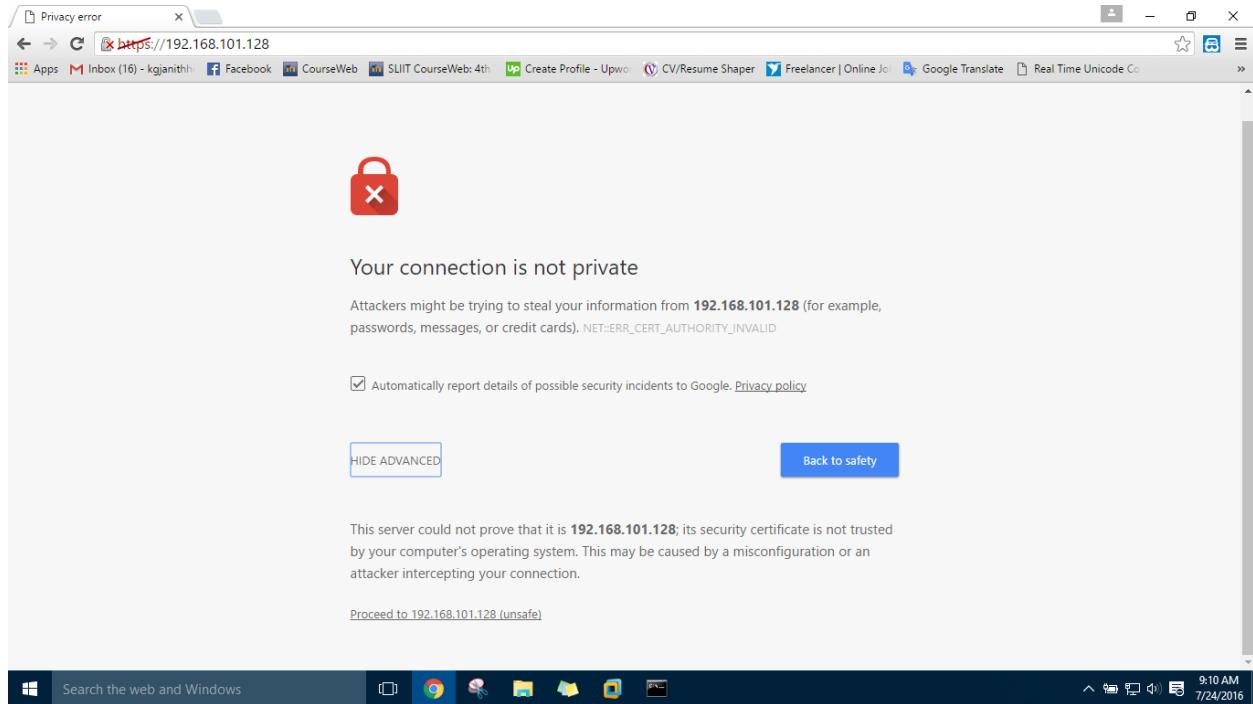




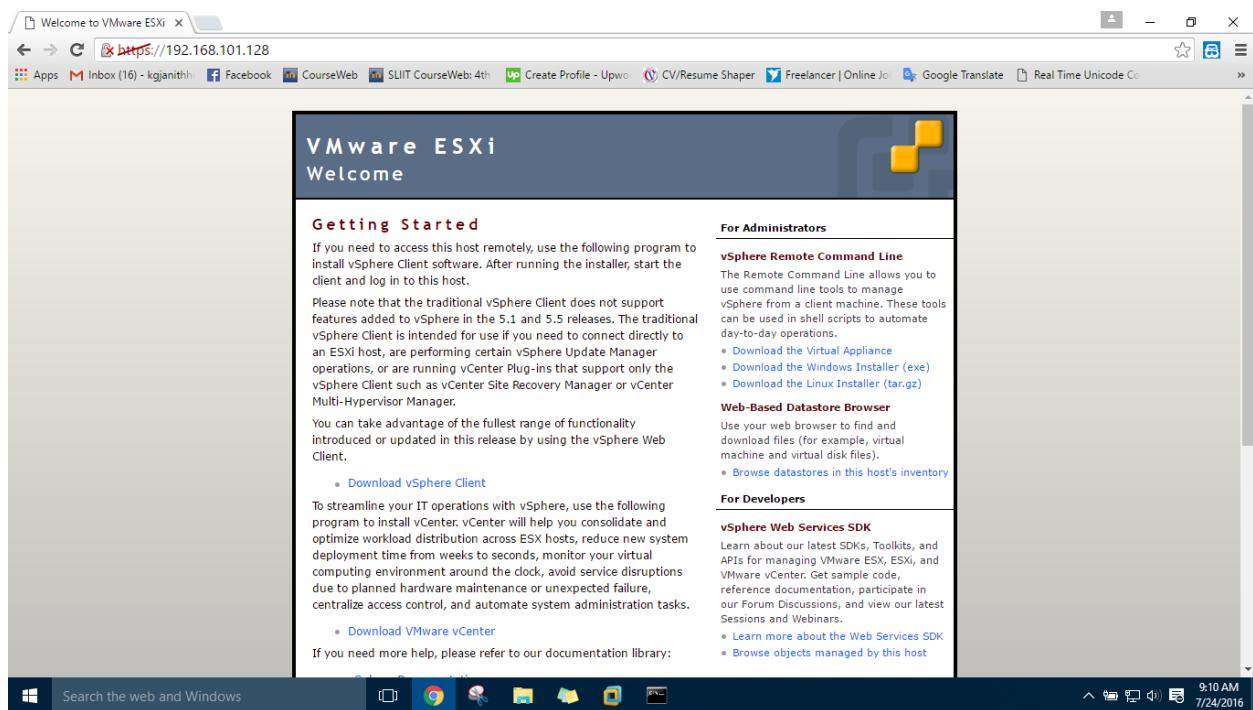




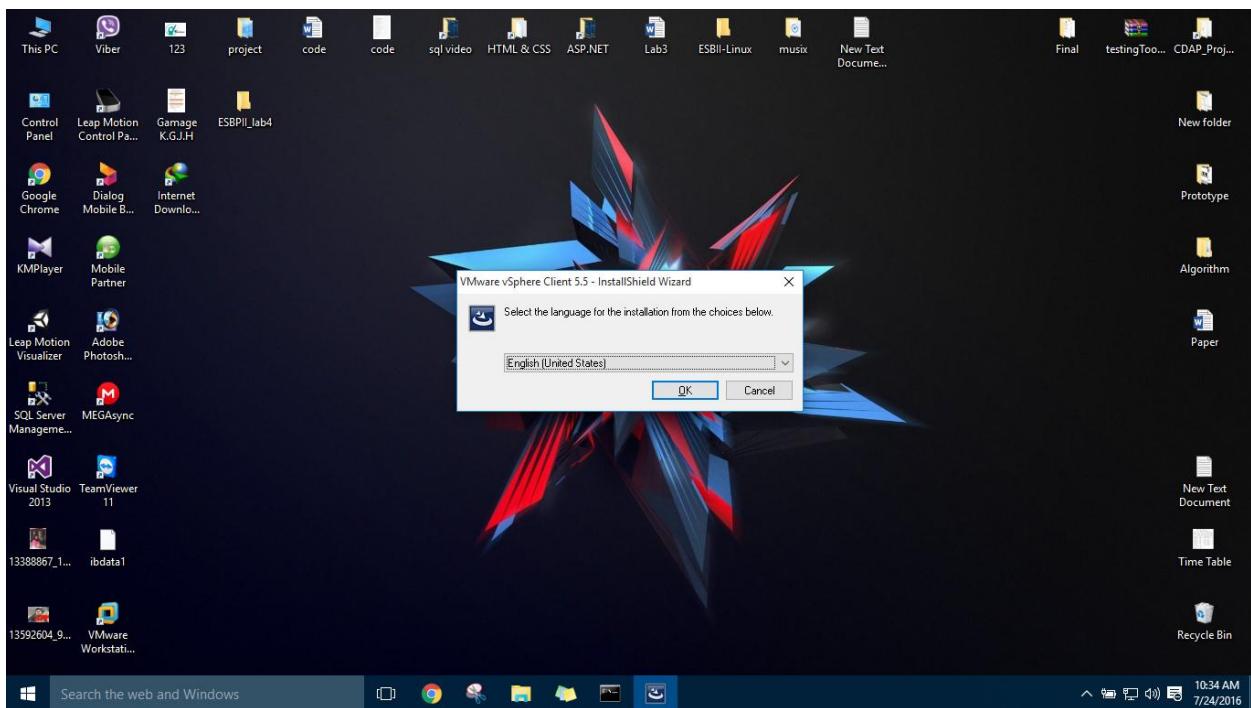
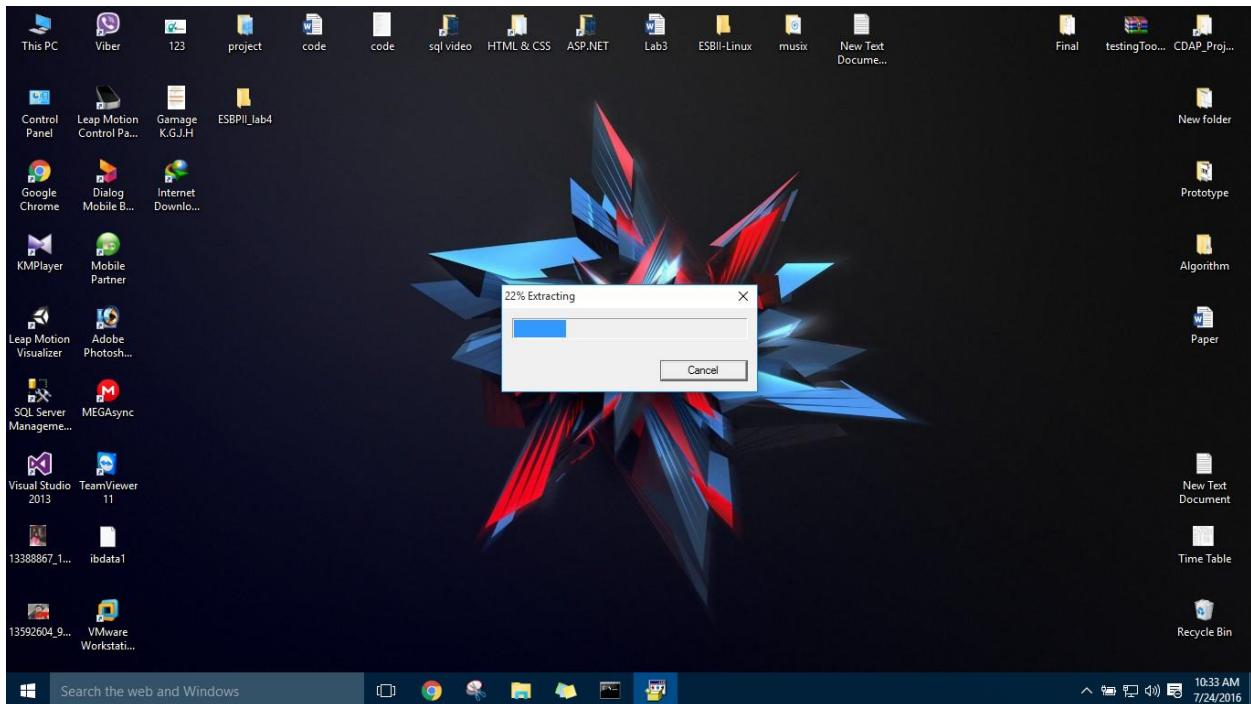


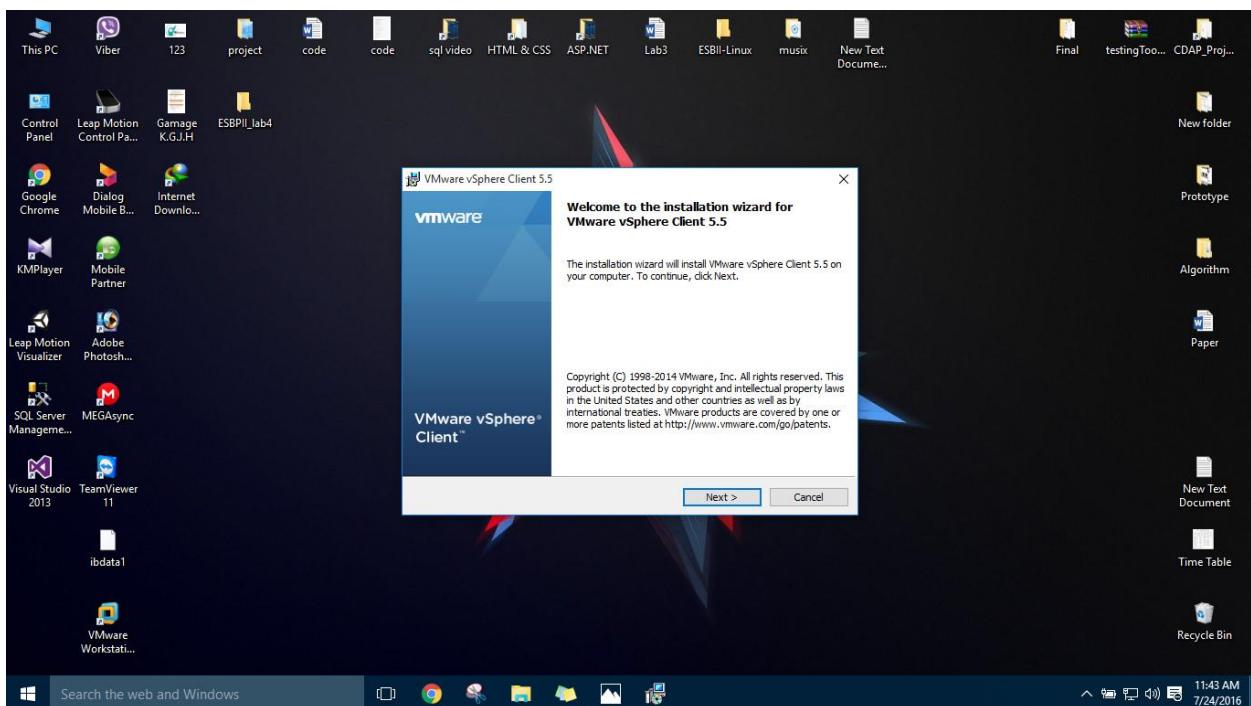
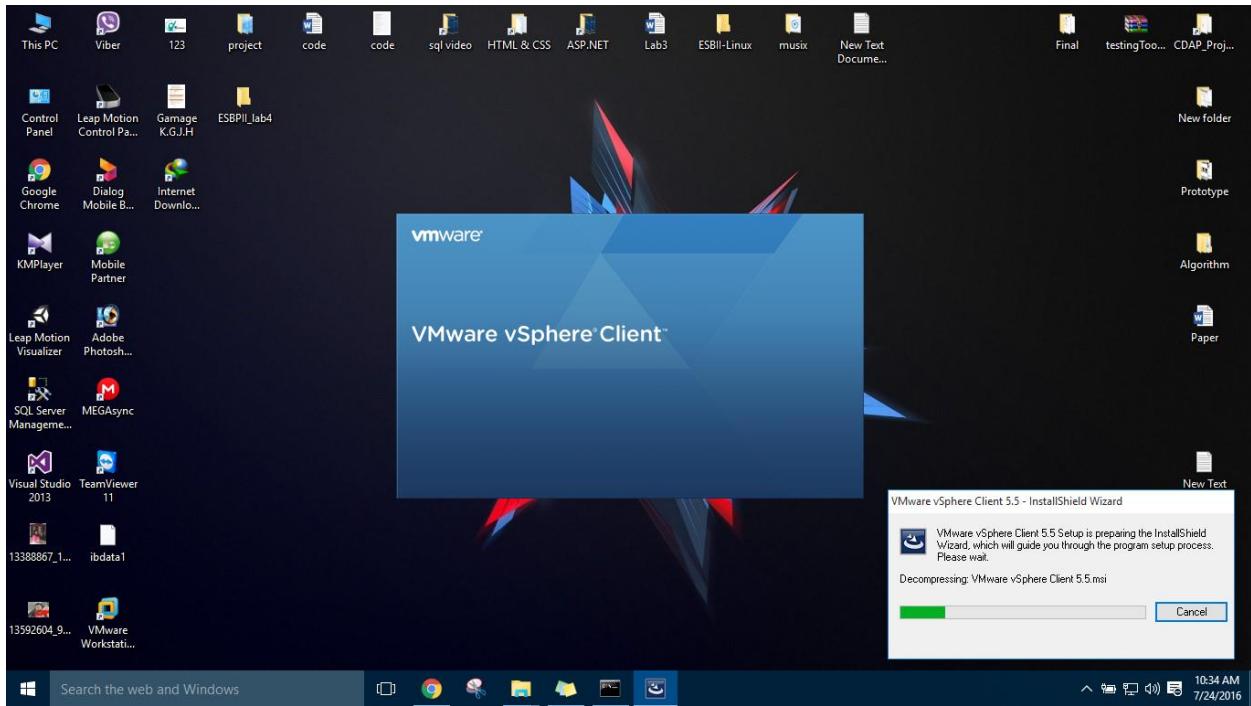


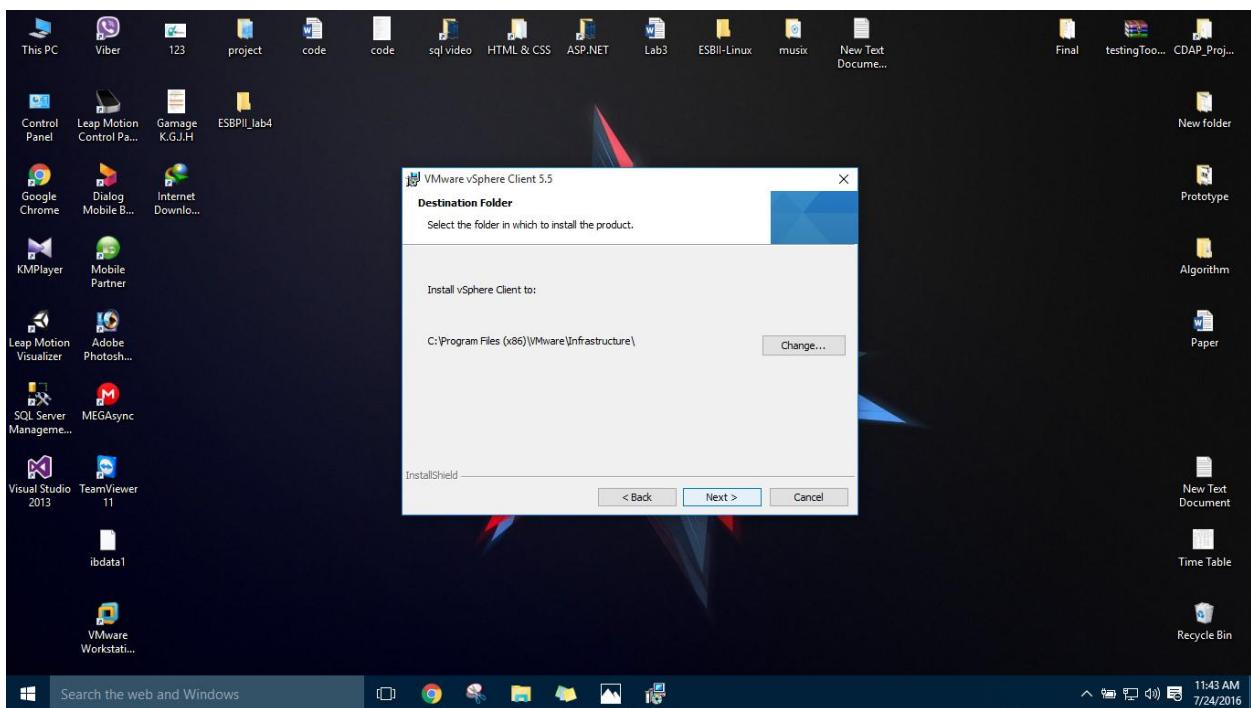
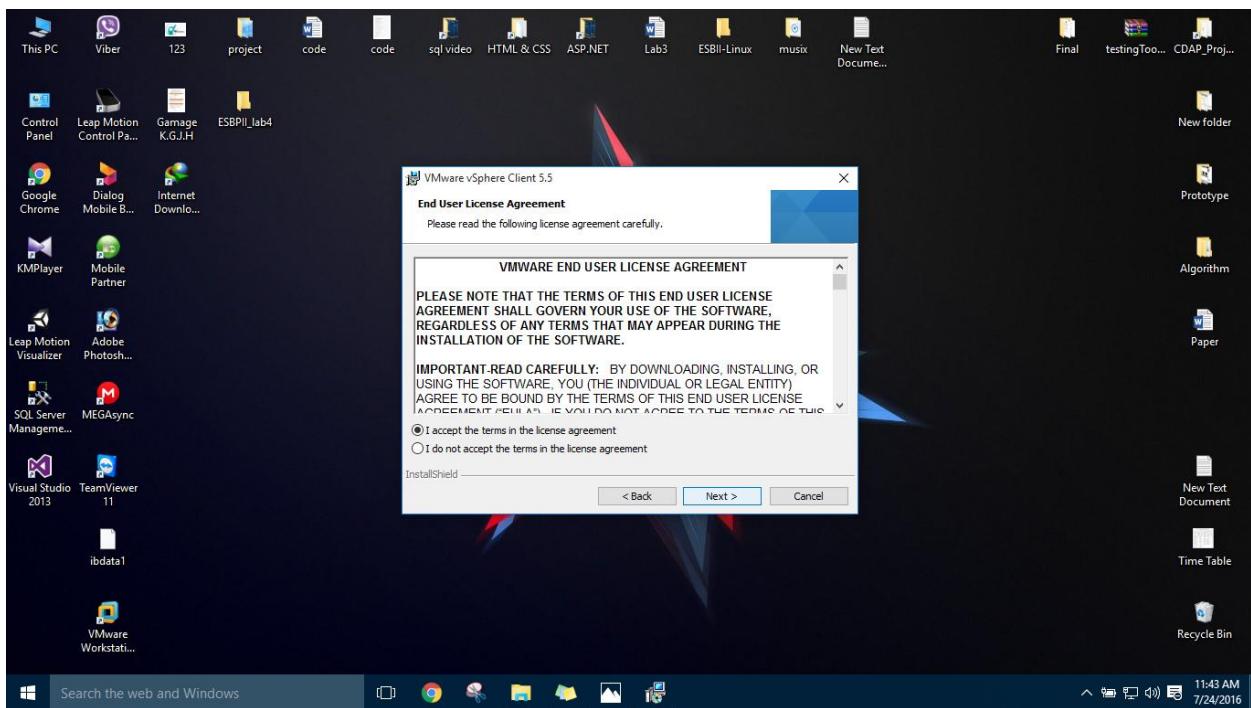
Now we created the Server side

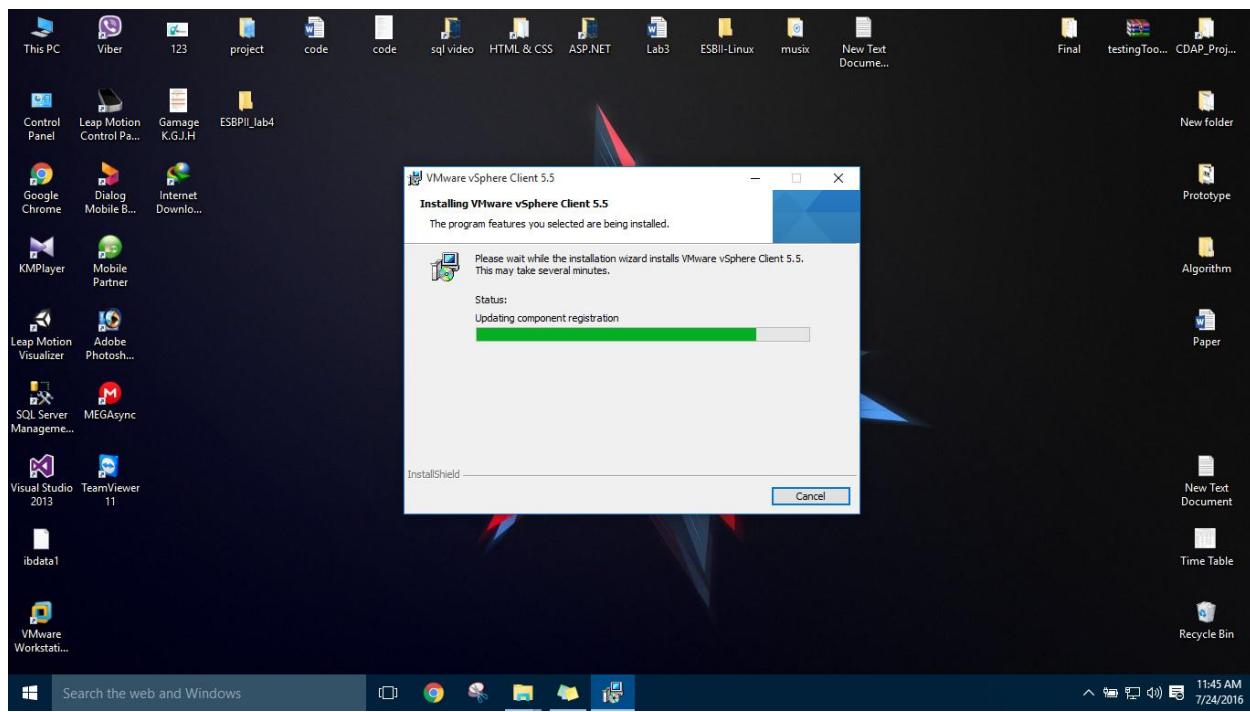
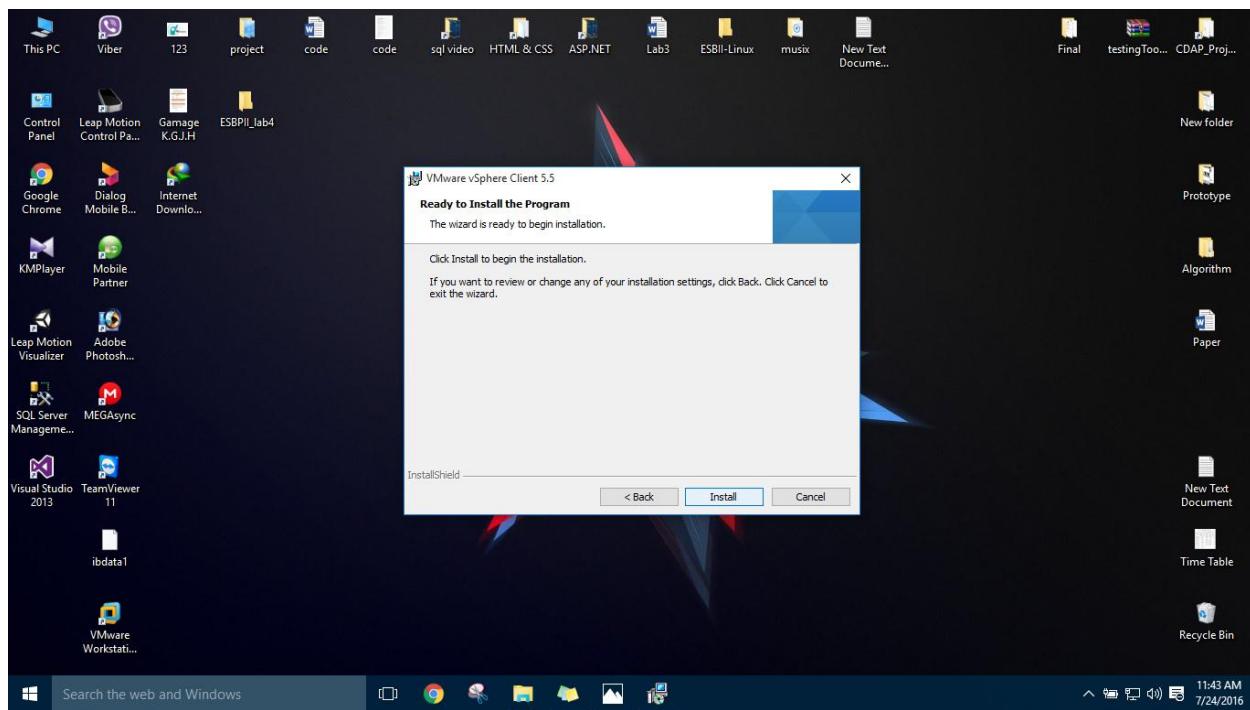


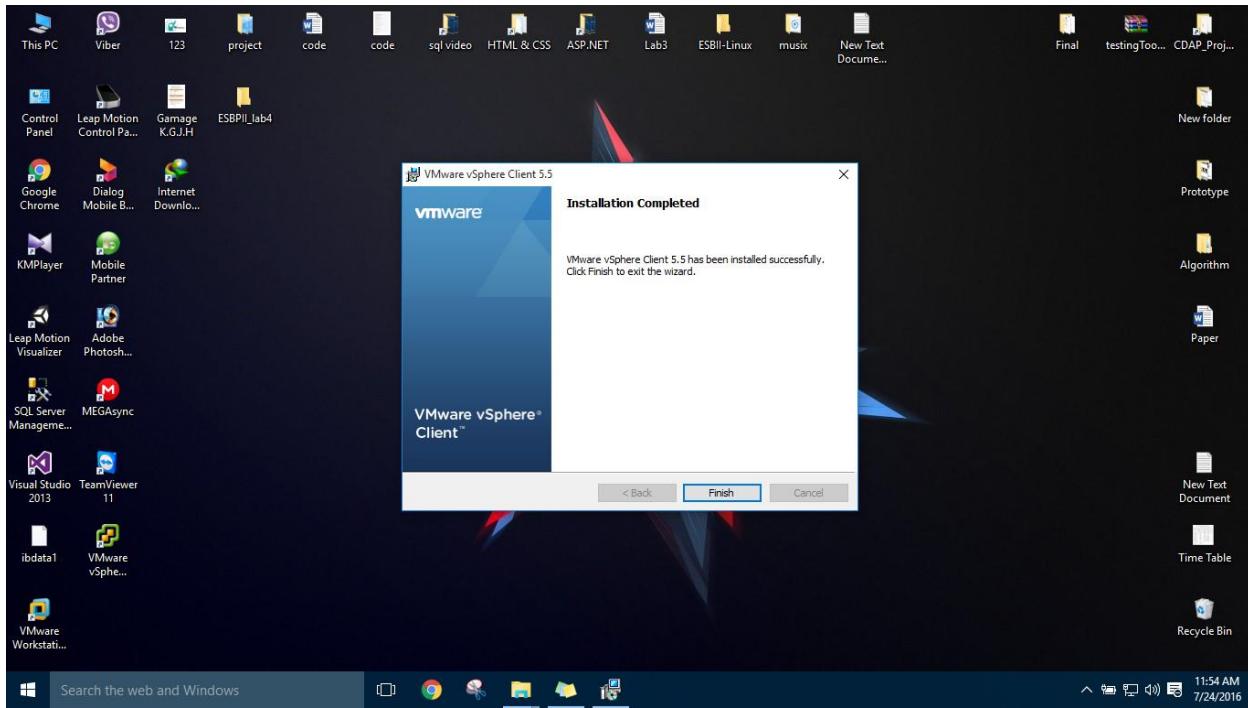
Then We need to install VM ware viCleant . This is use client connect to server



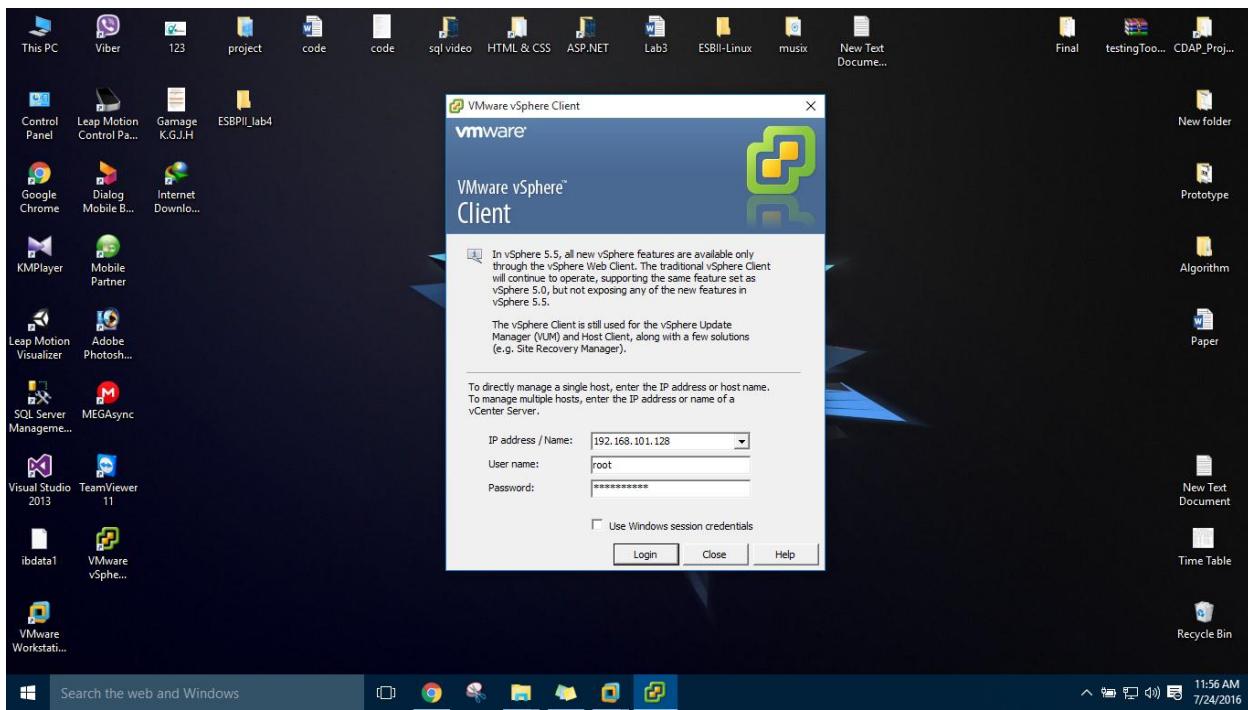


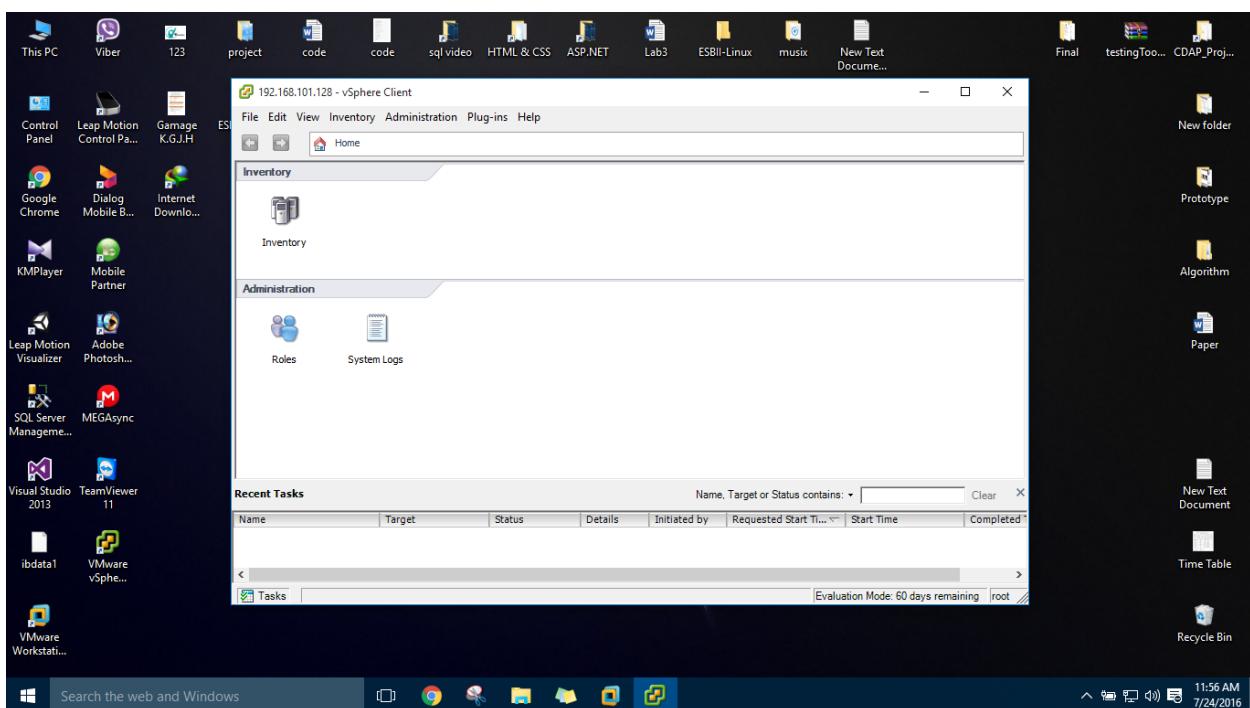
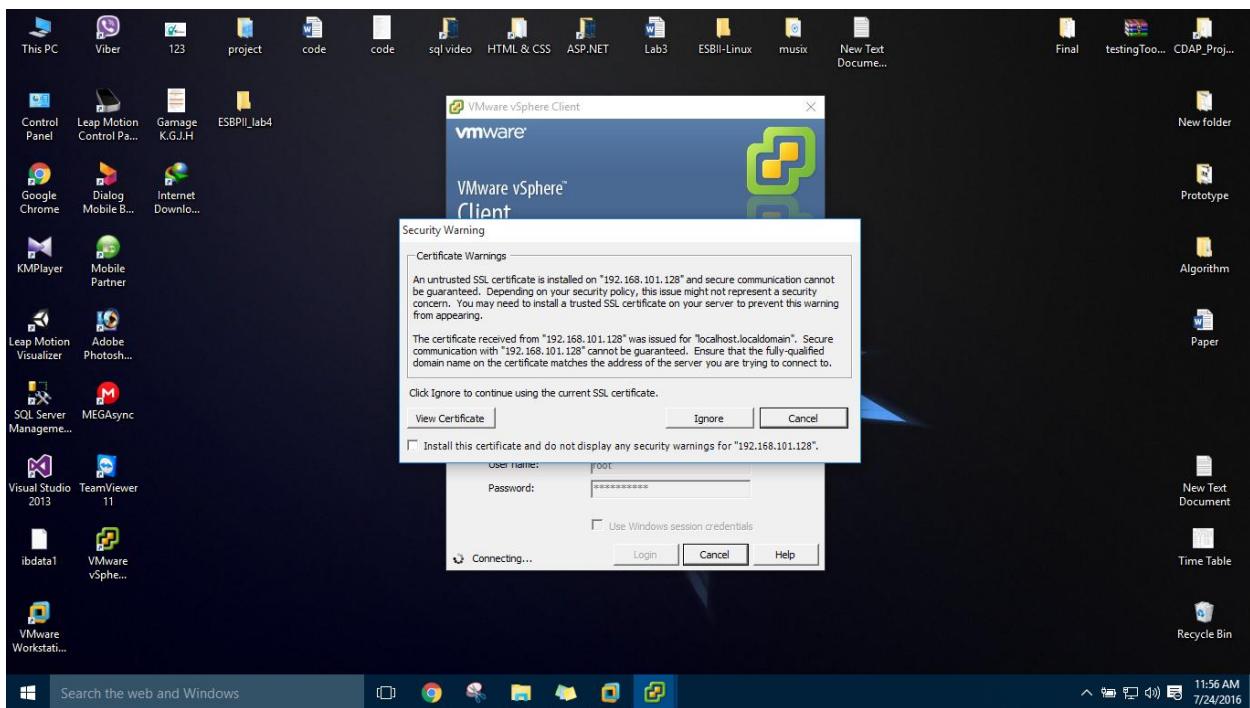


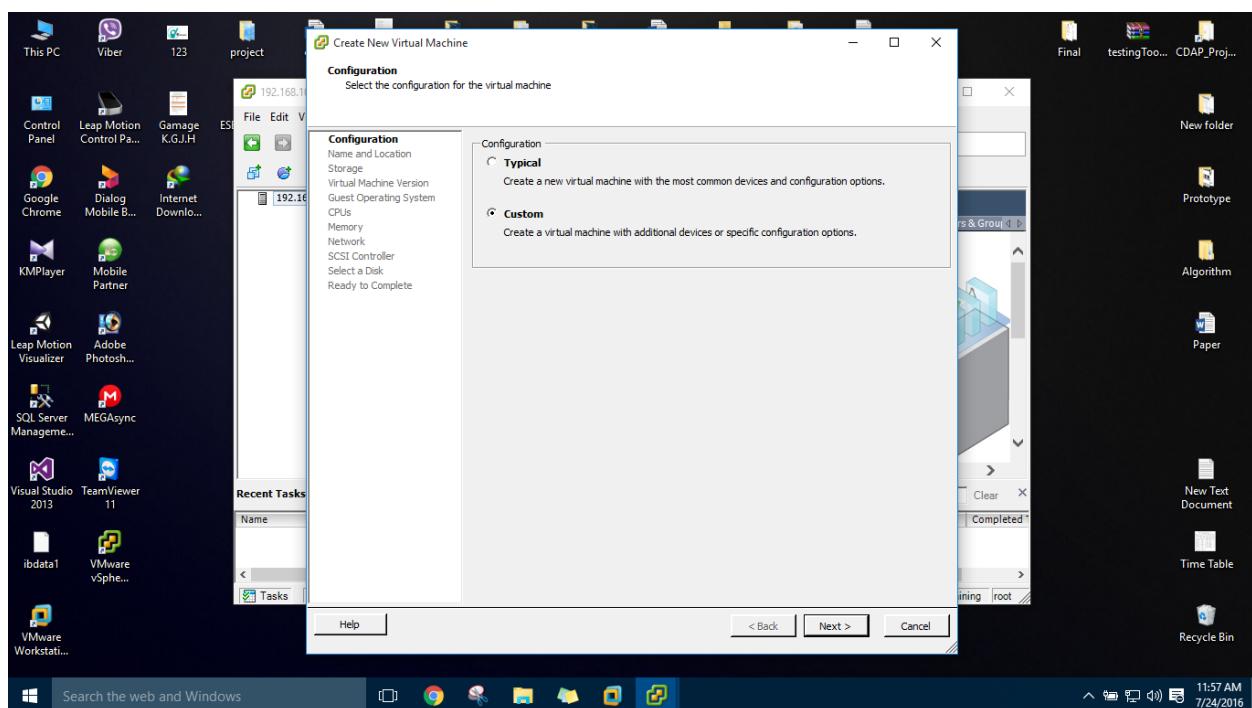
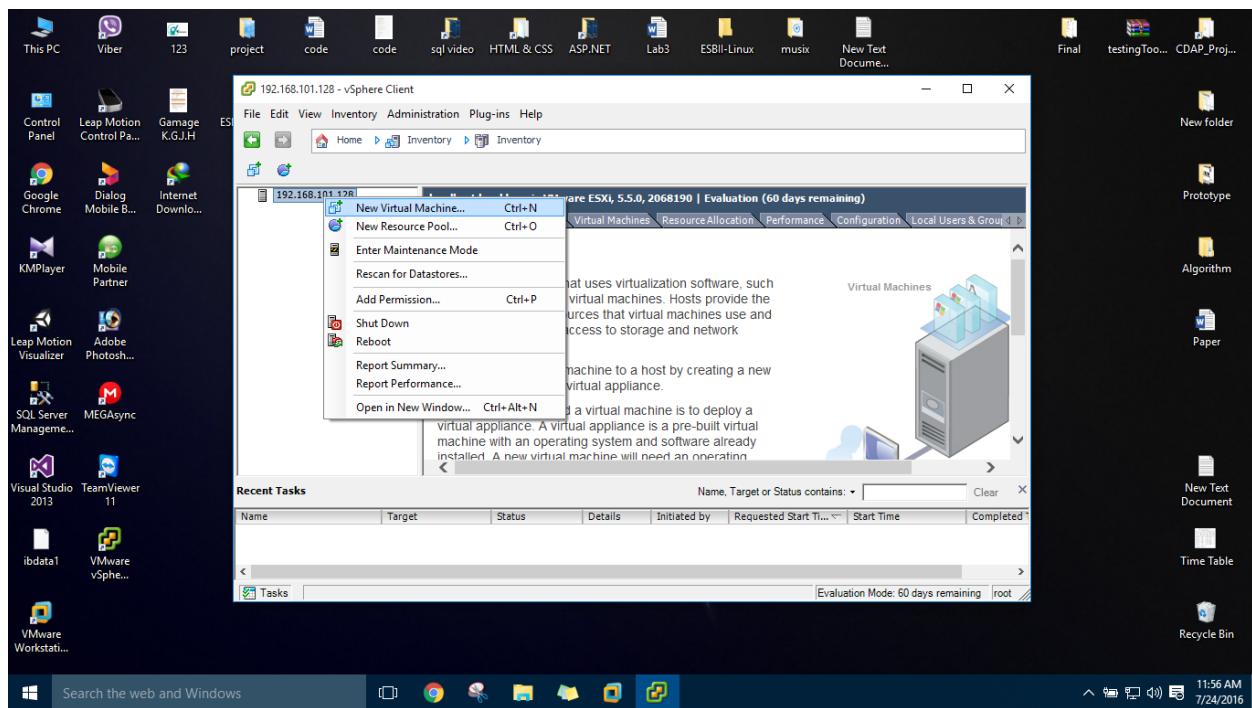




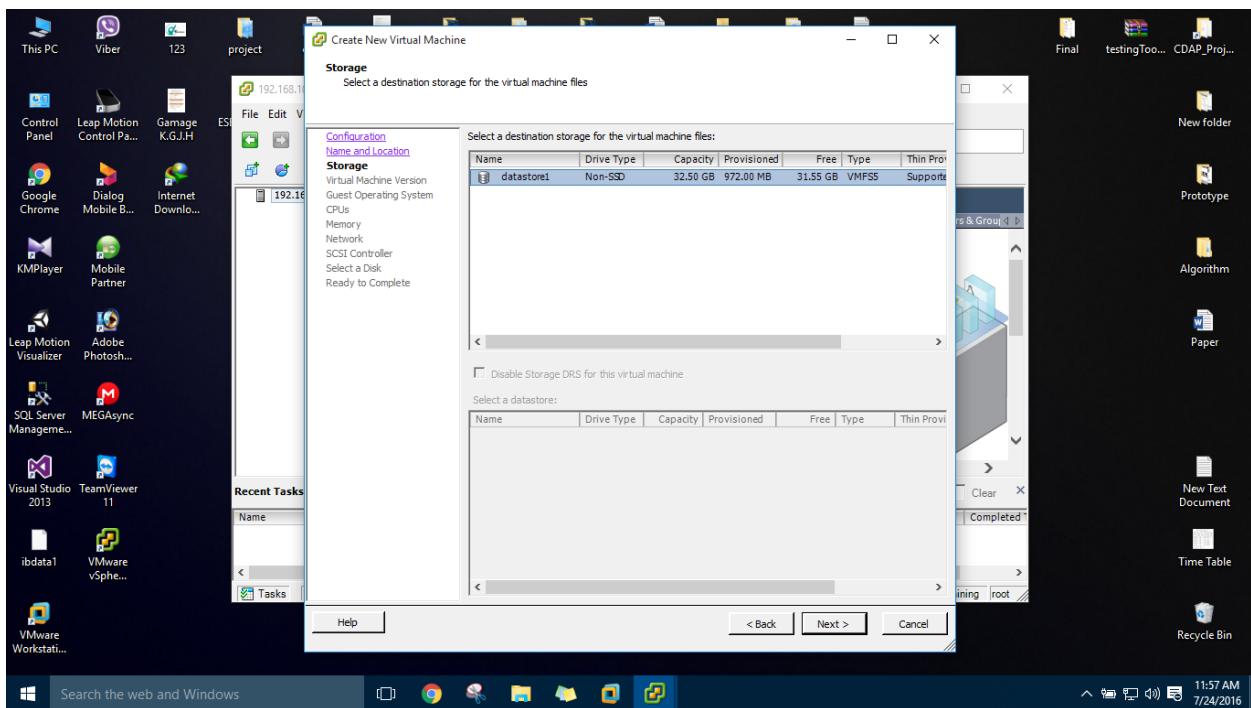
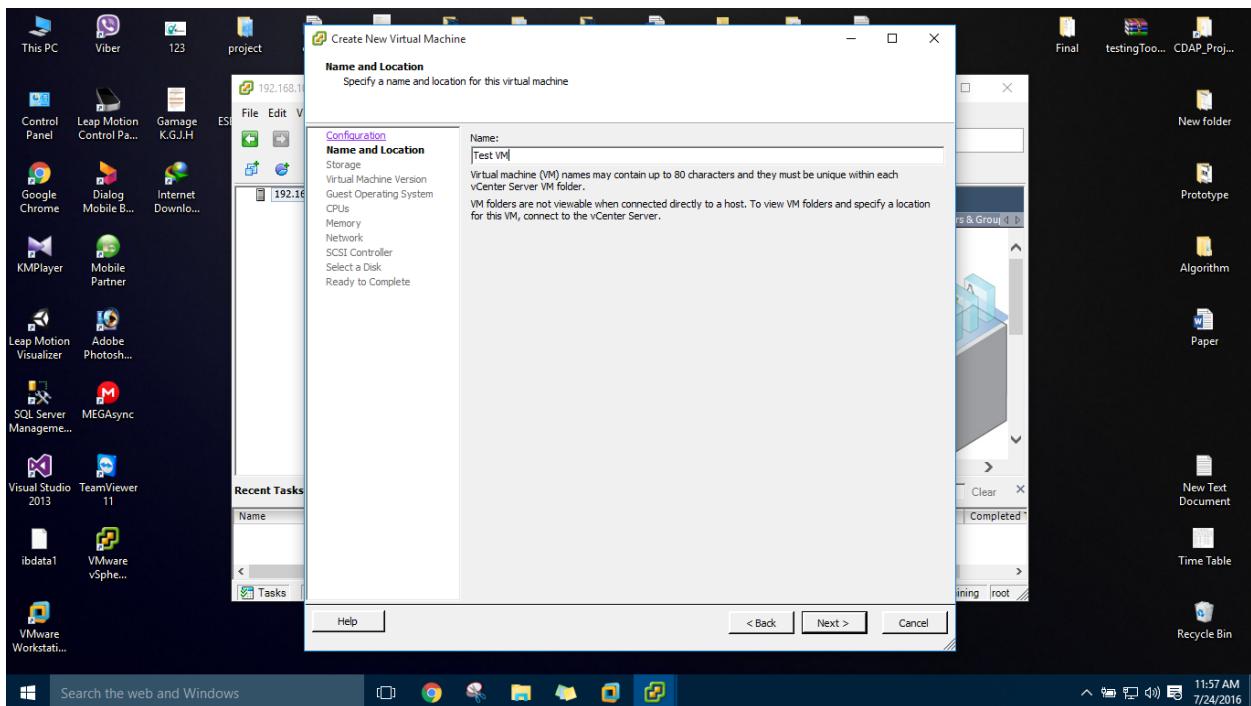
Now we can connect to the Server by using username and password.

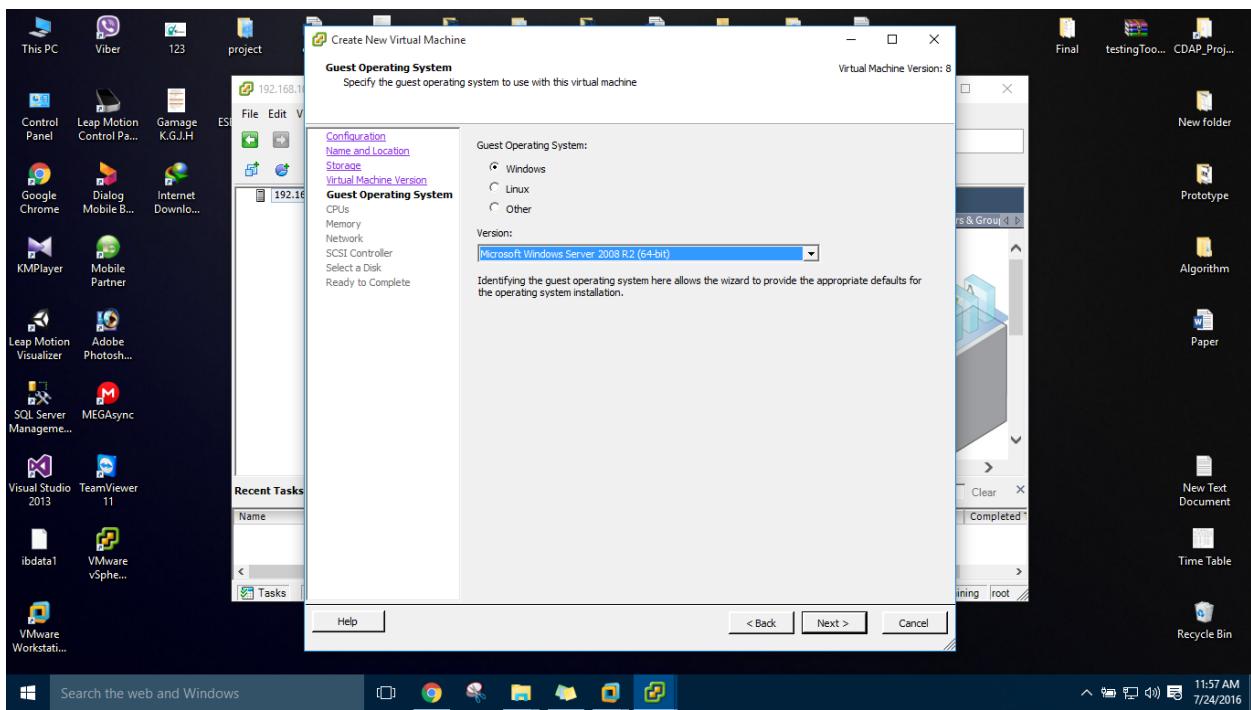
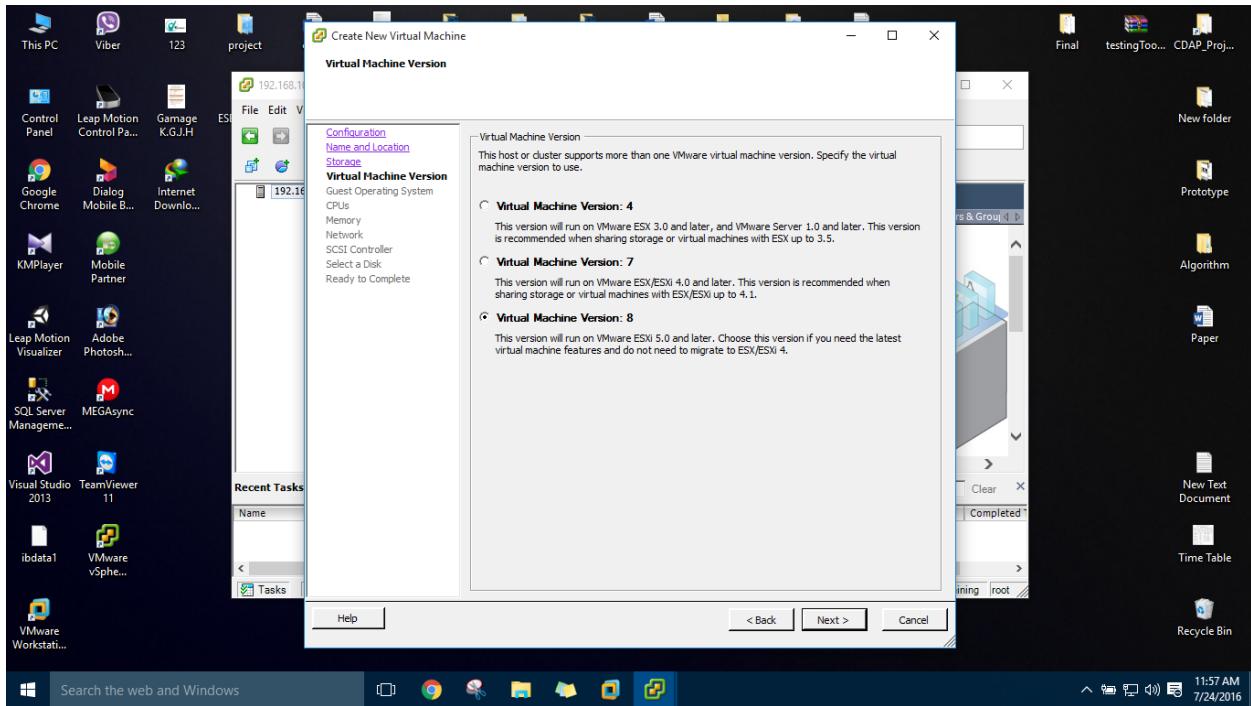


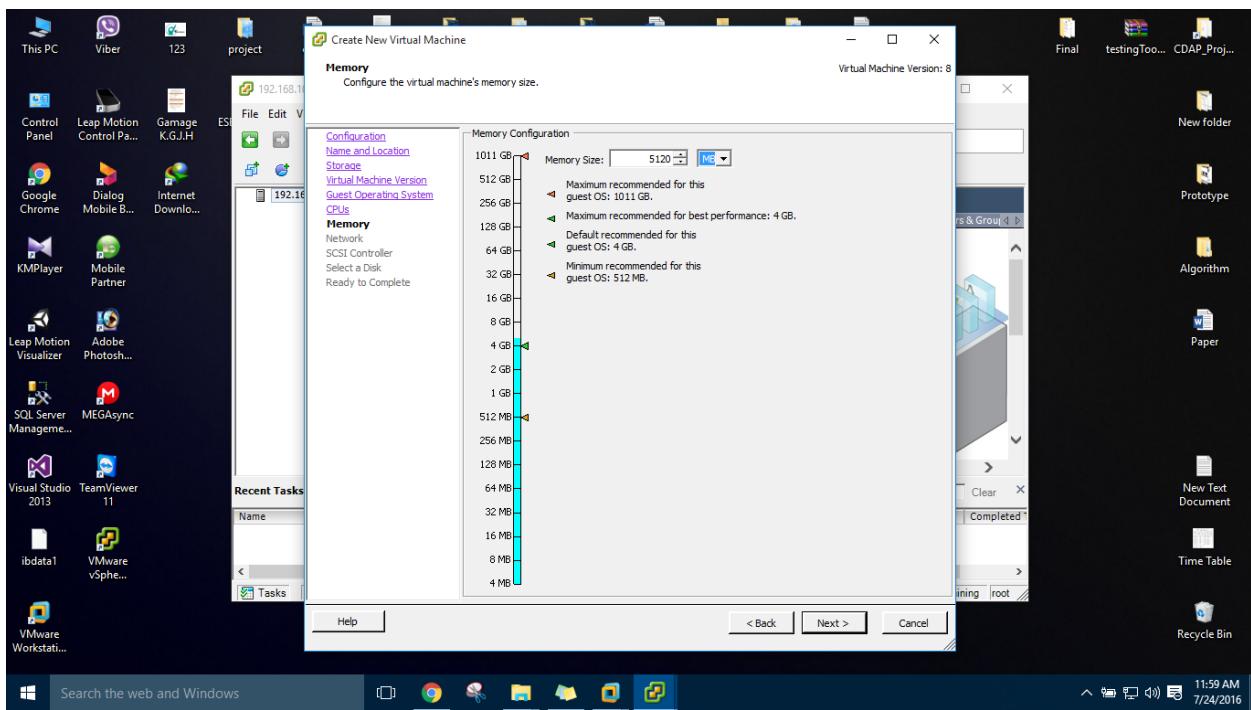
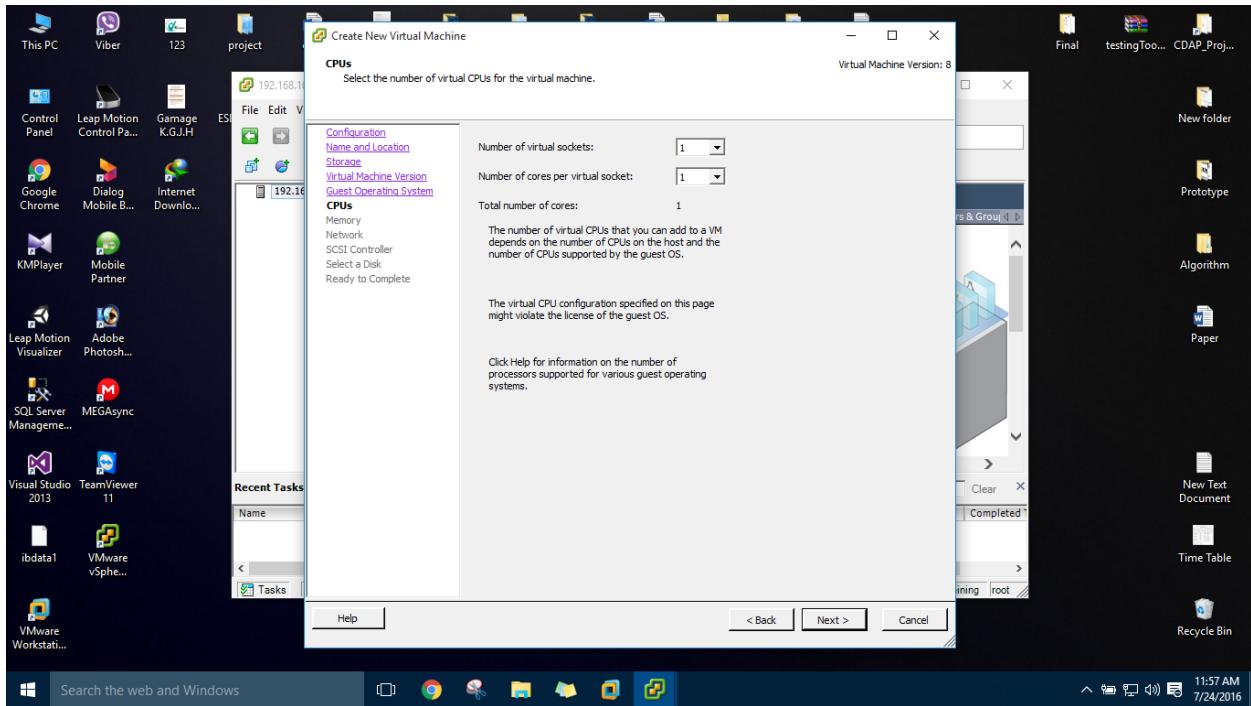


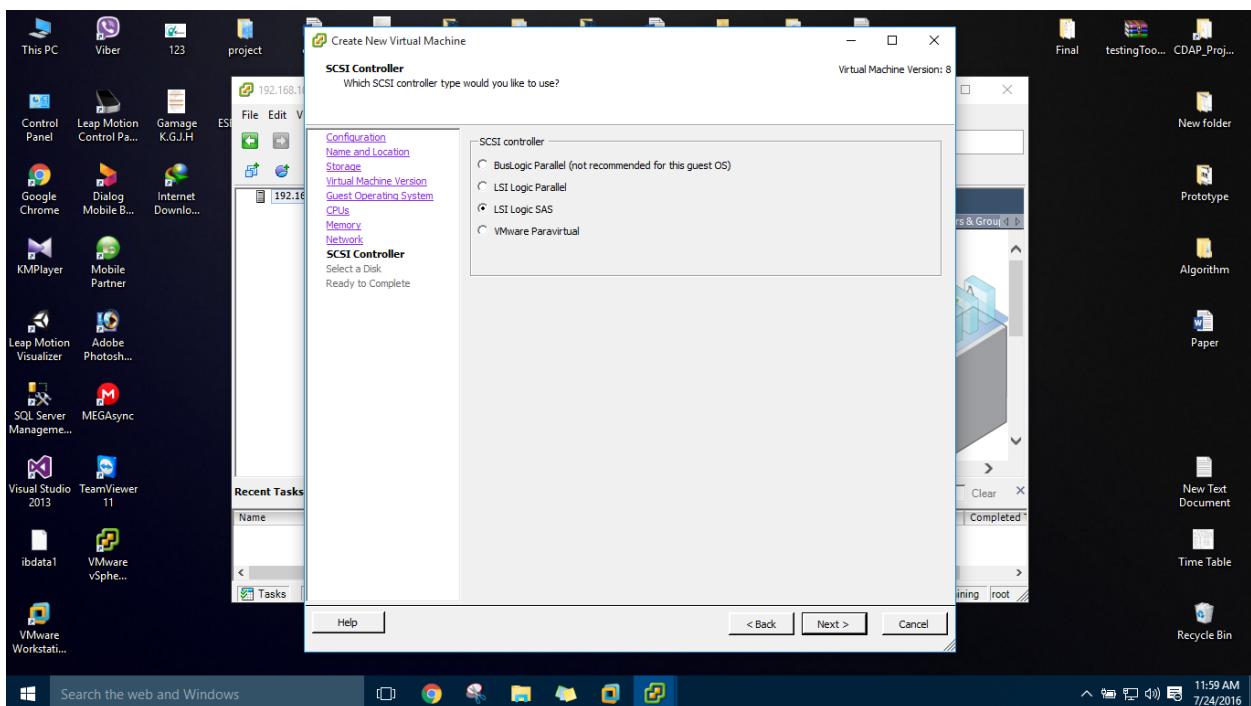
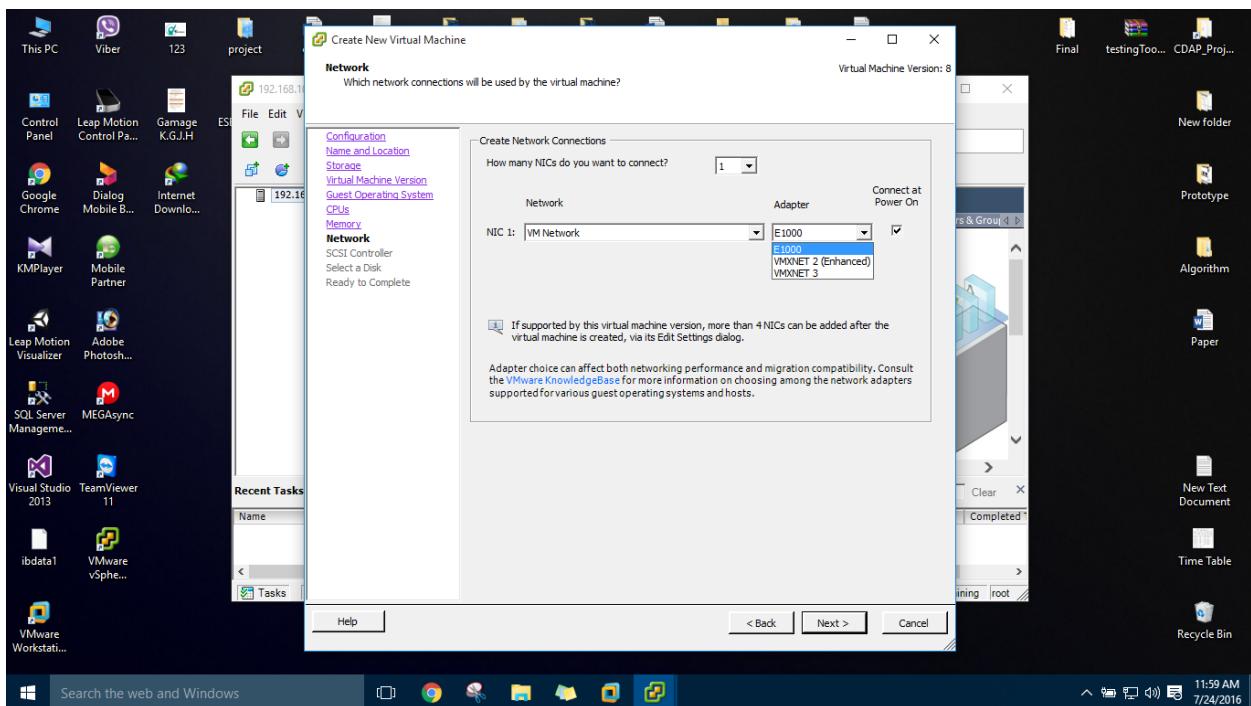


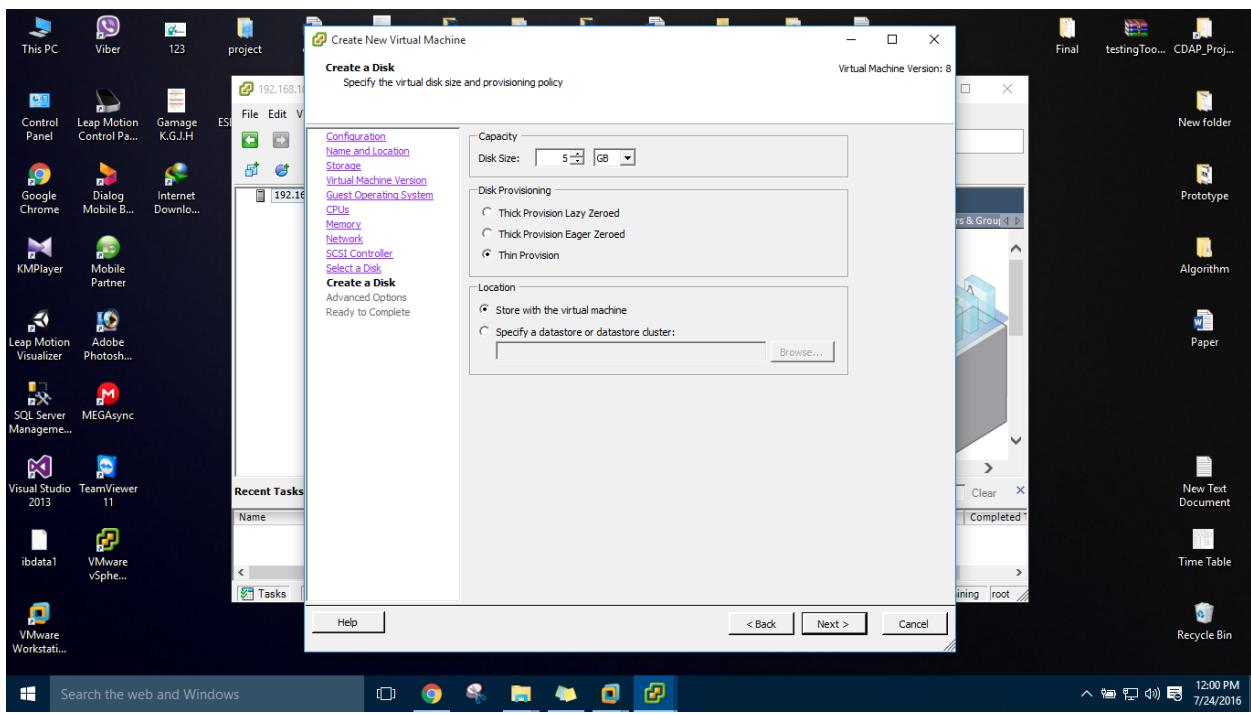
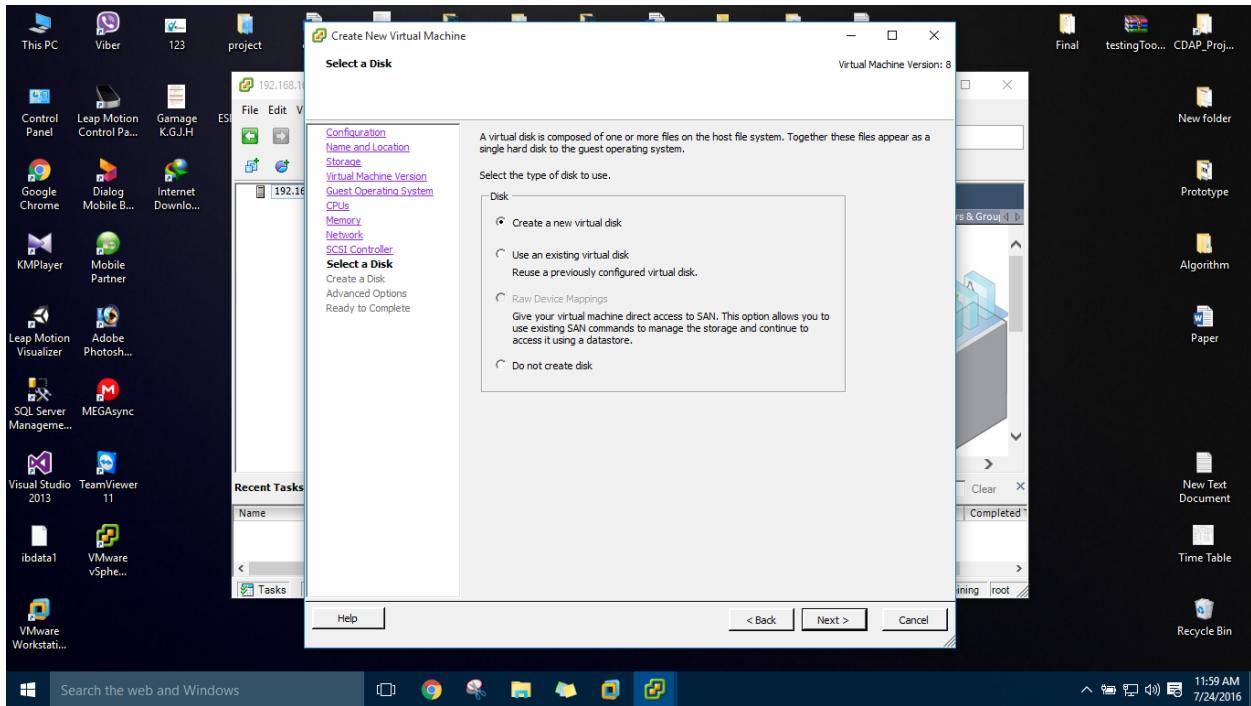
Then we create the New virtual machine

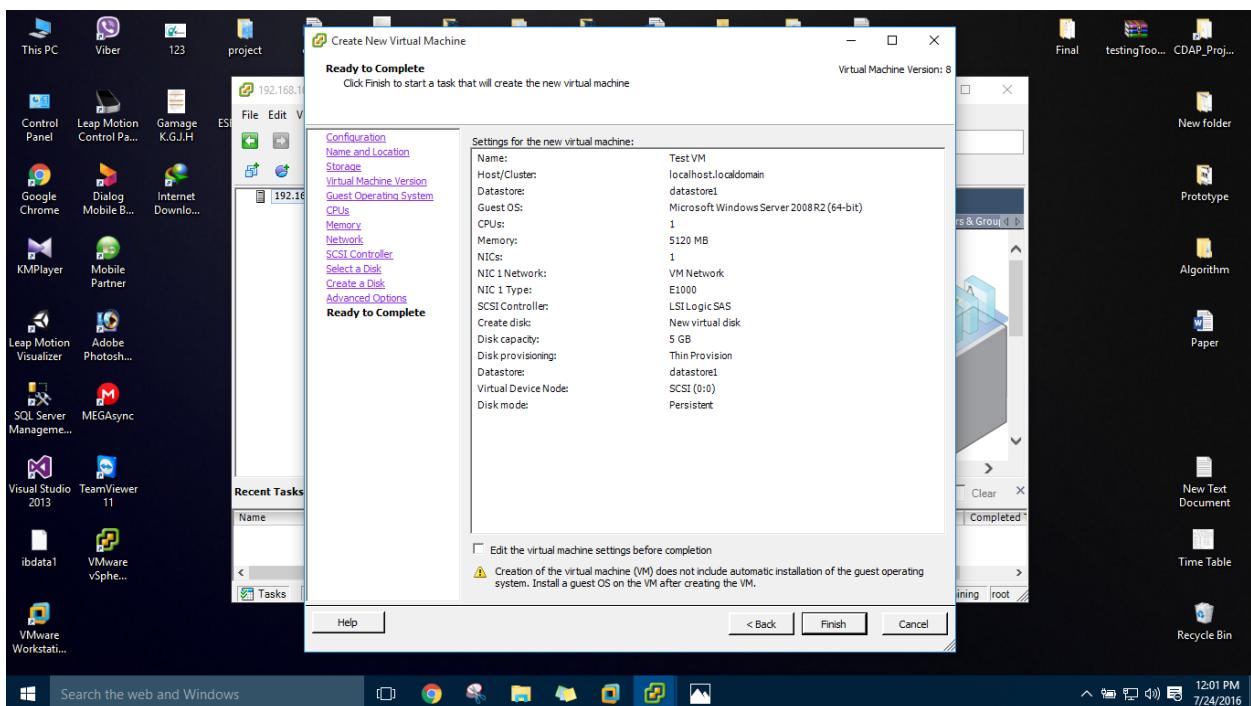
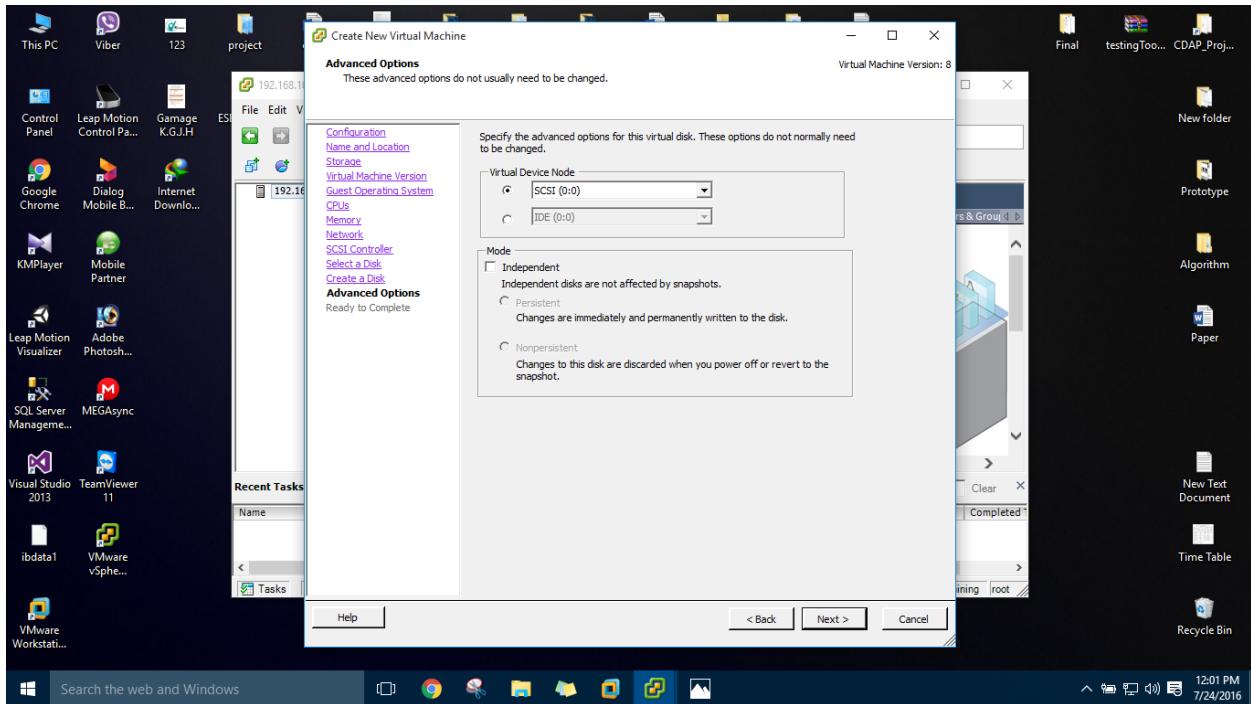


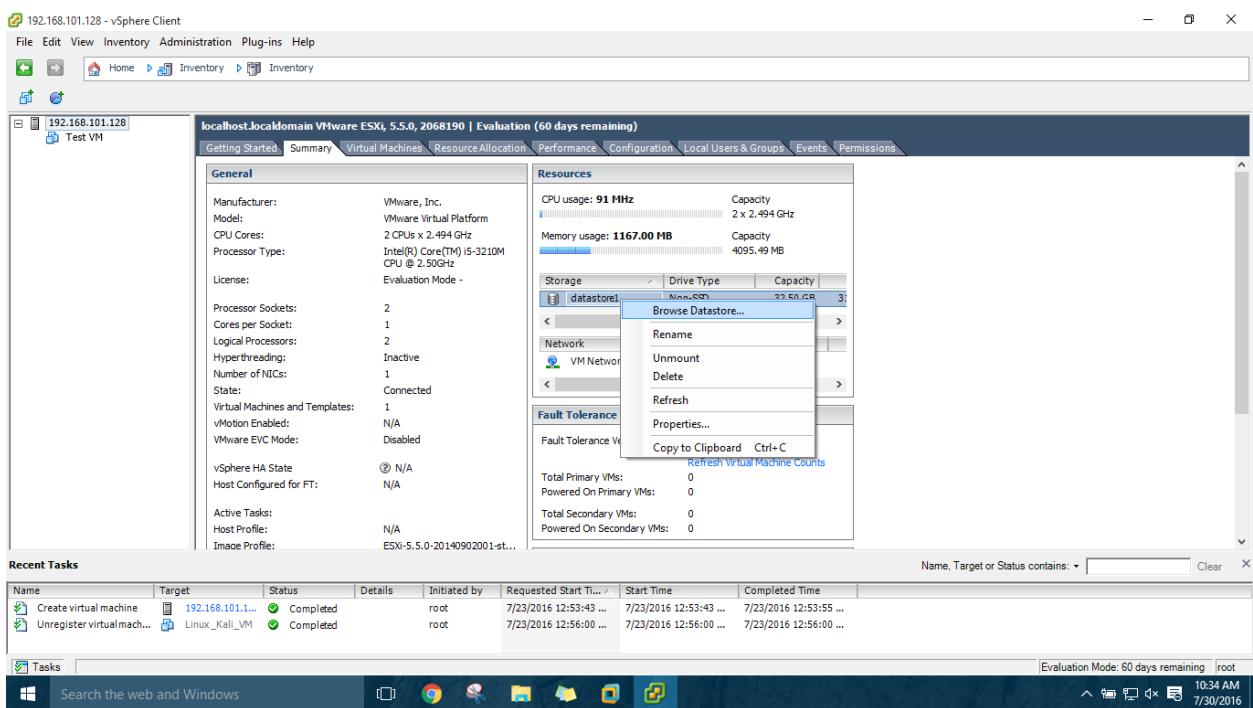
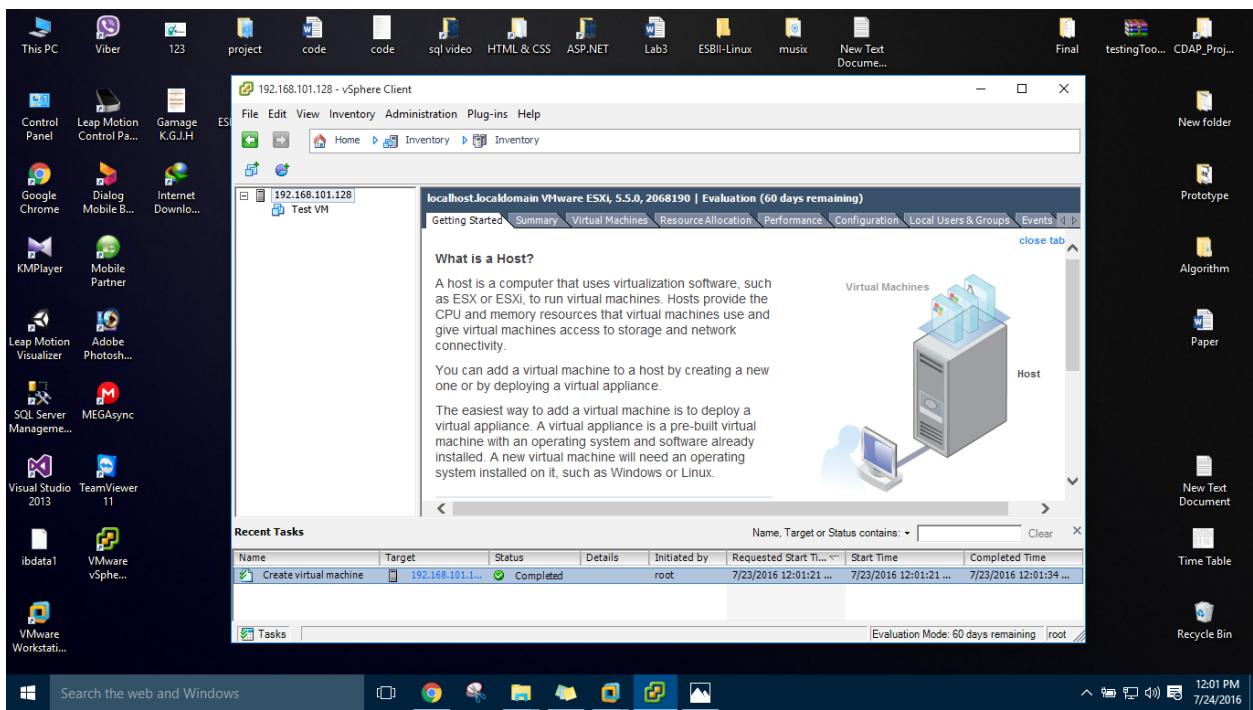


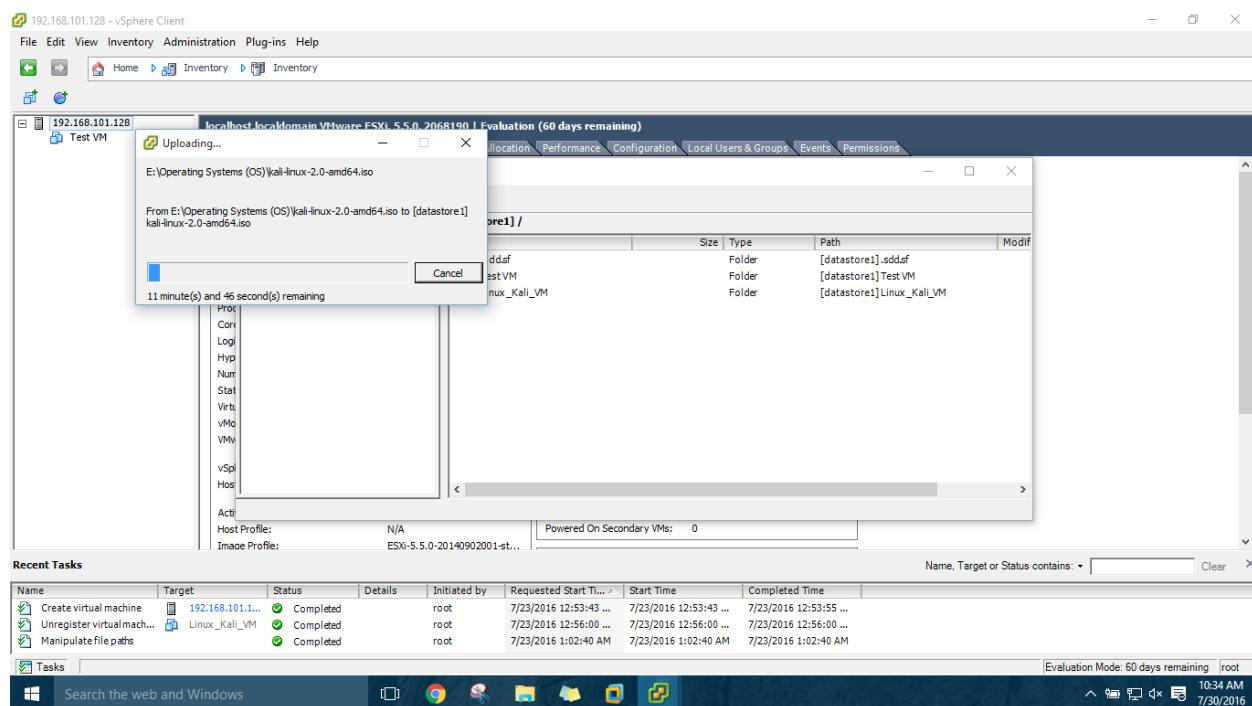
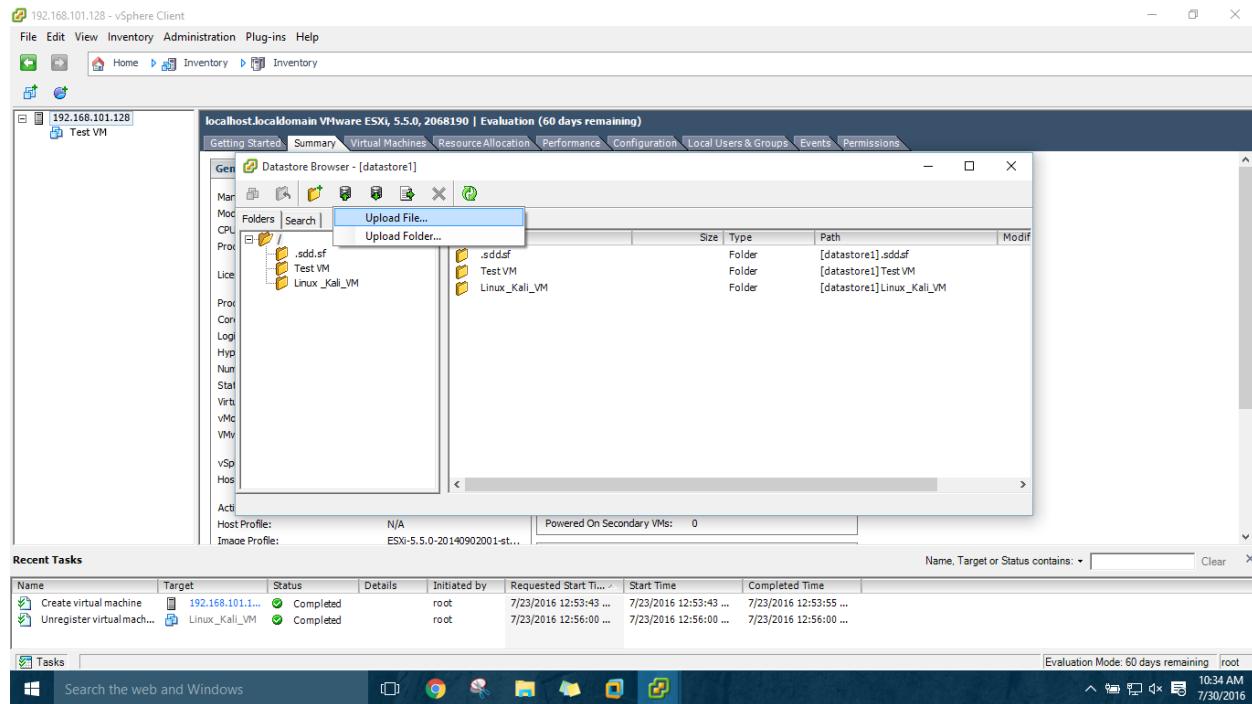


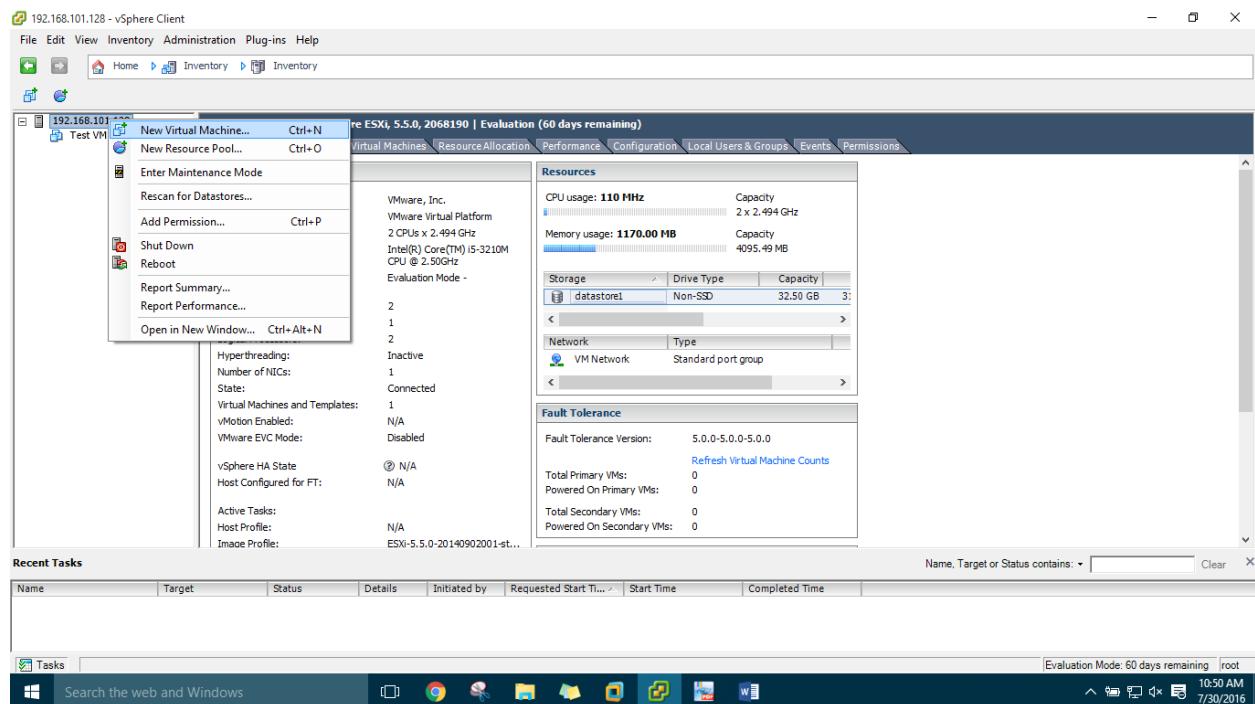
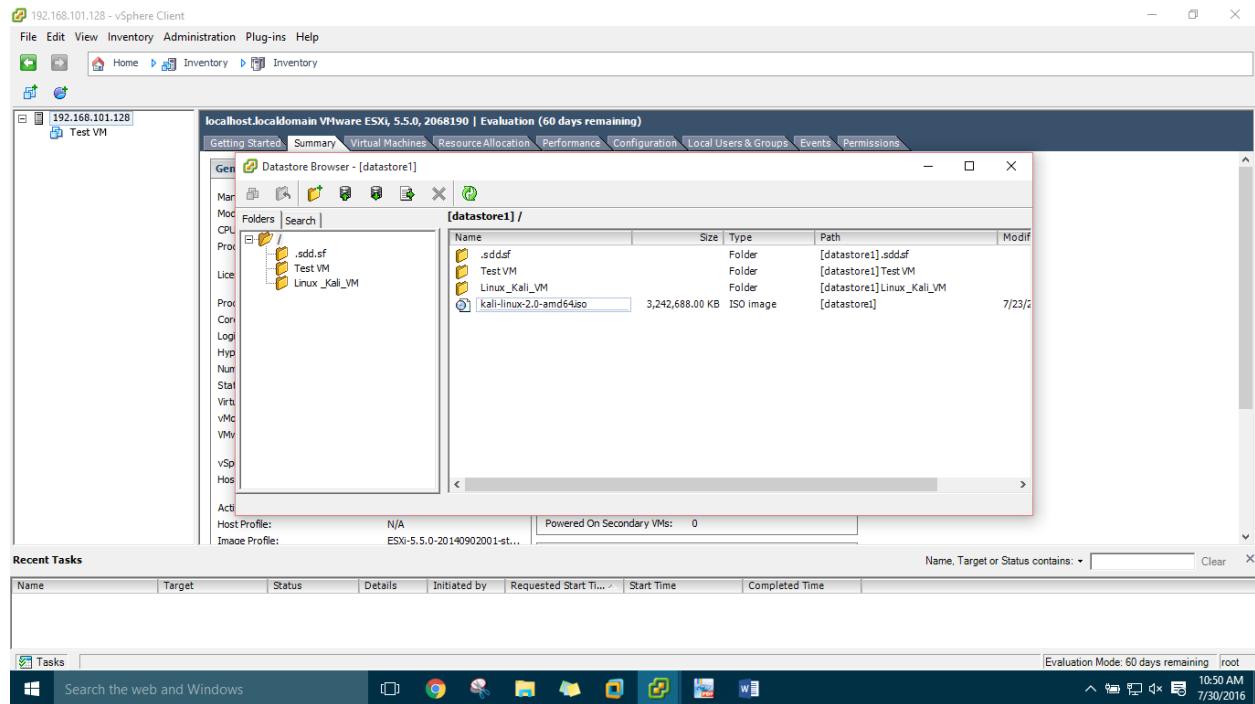


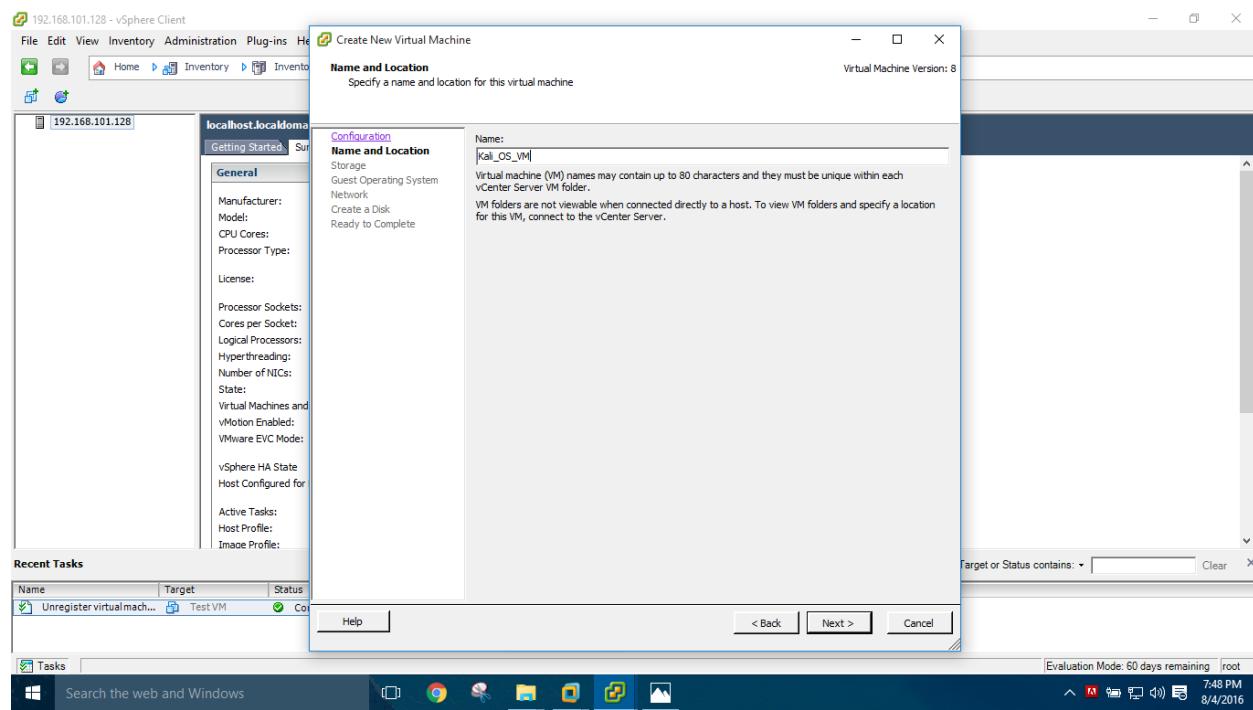
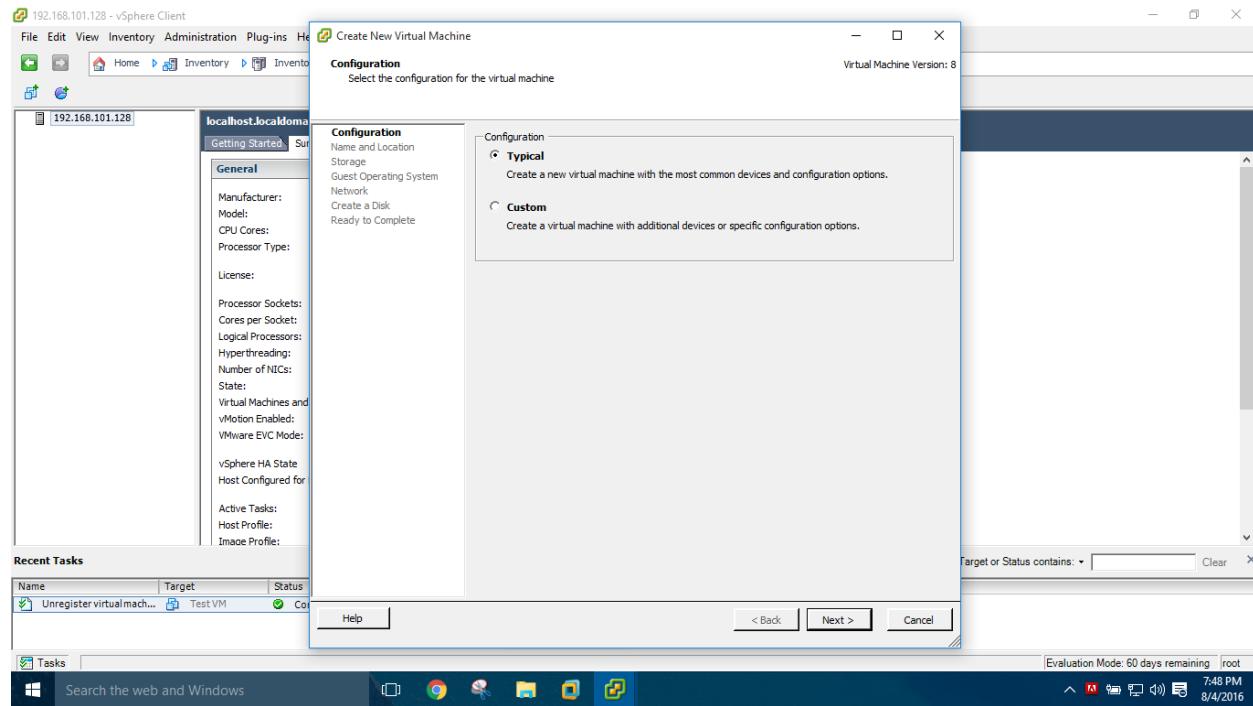


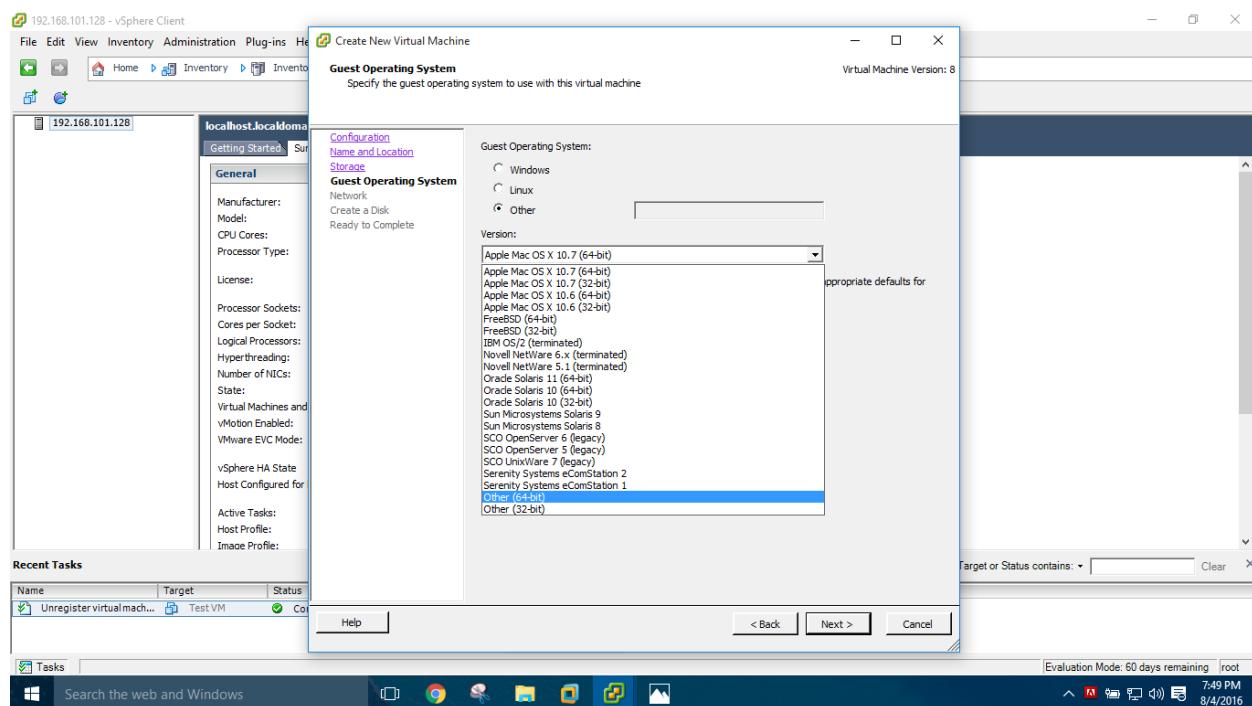
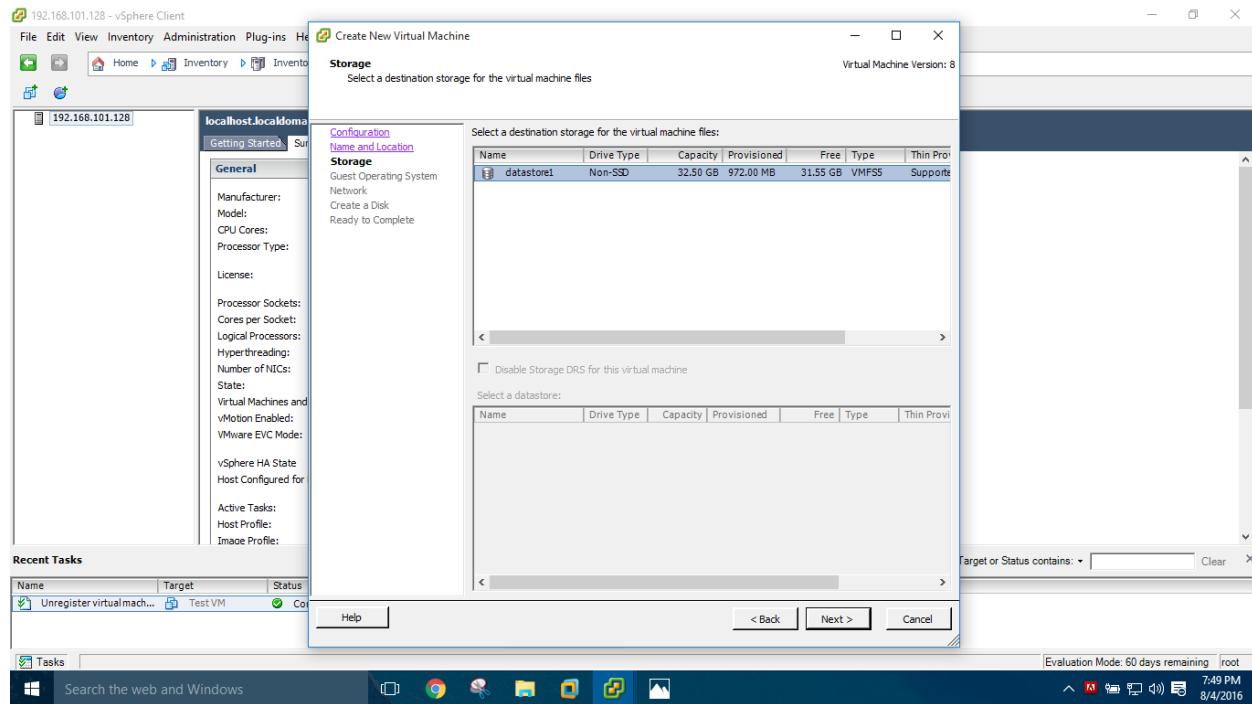


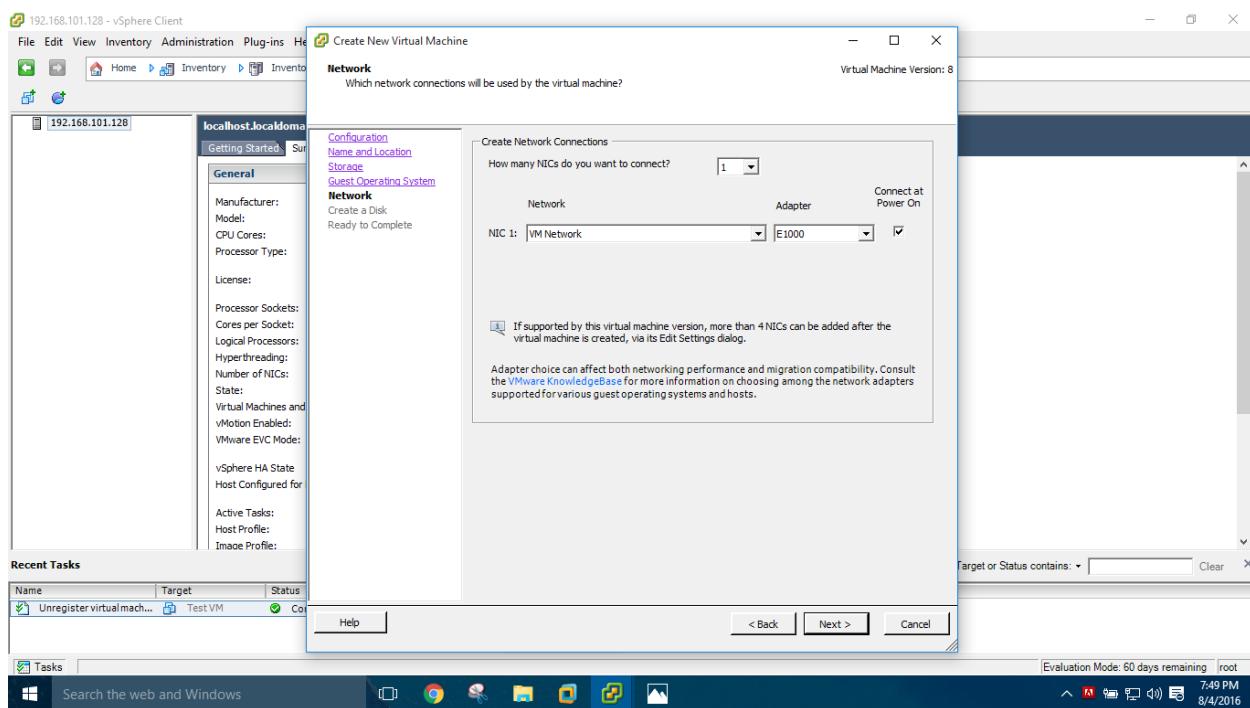
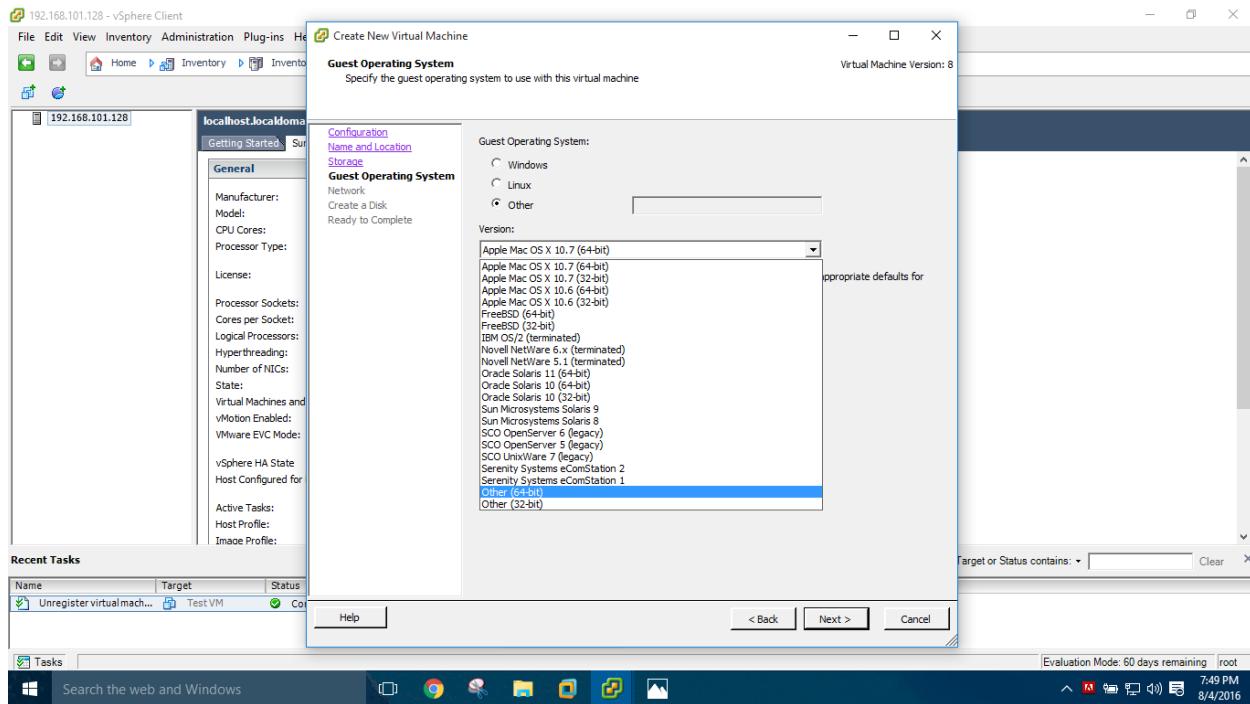


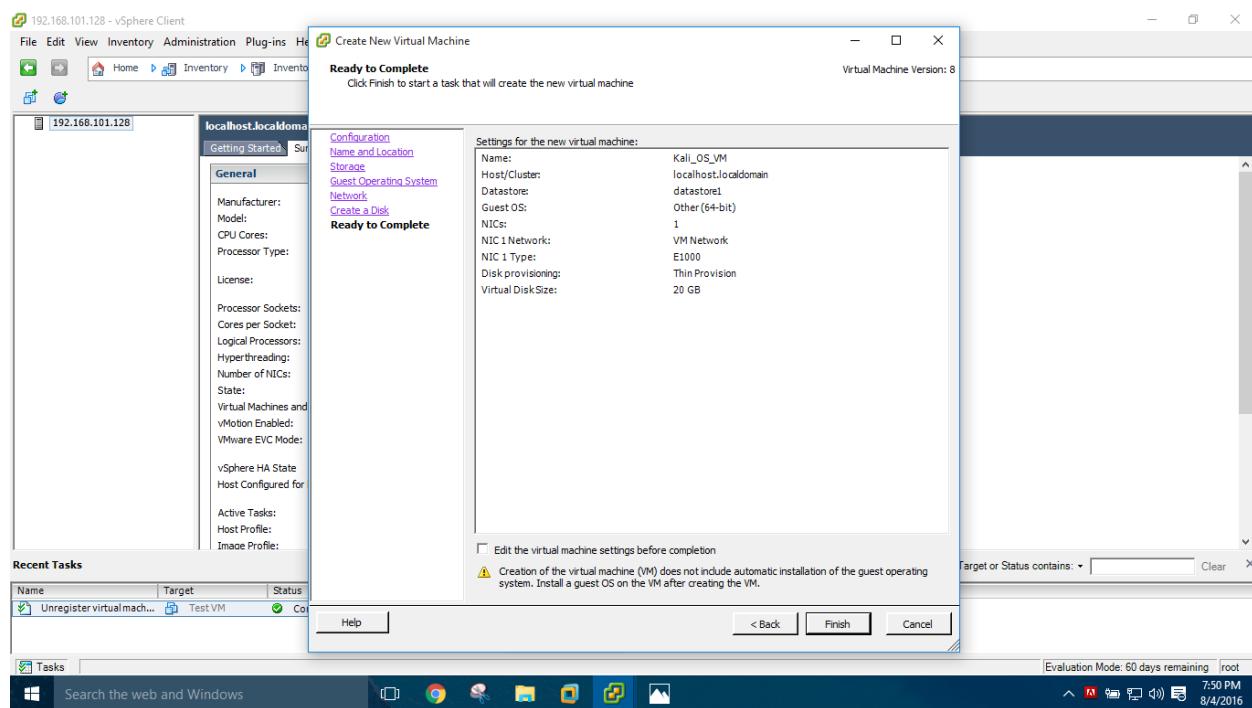
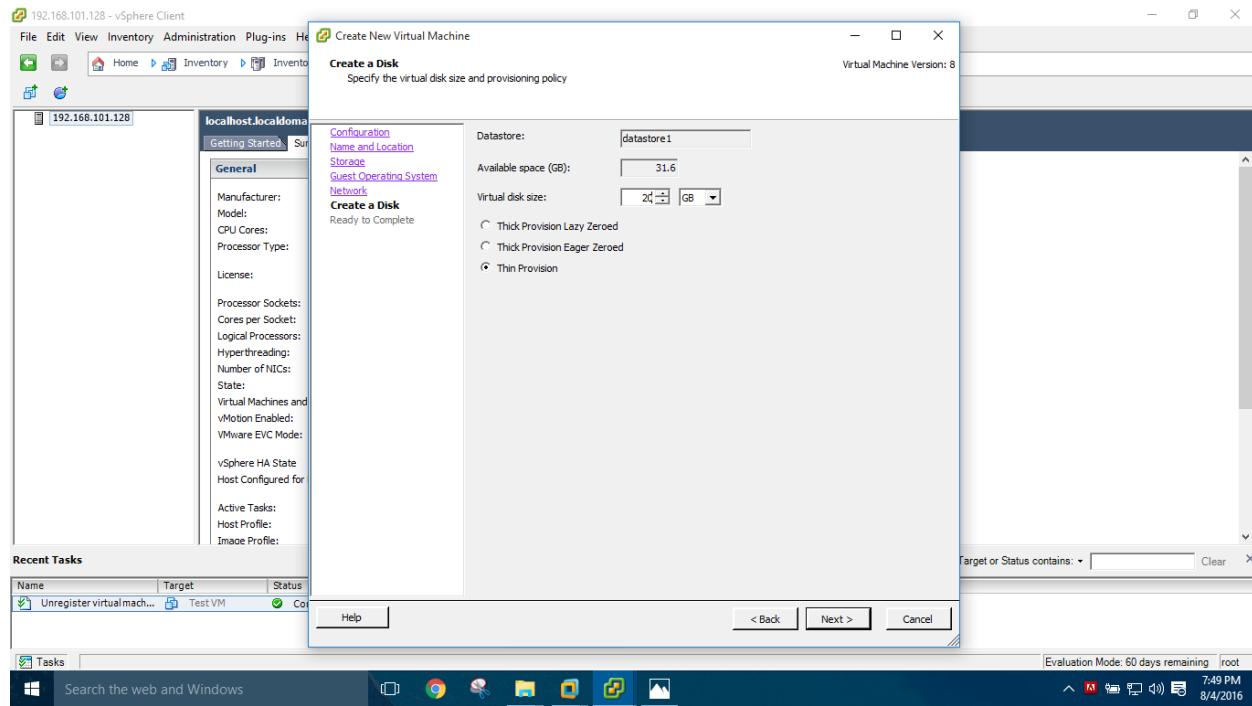












192.168.101.128 - vSphere Client

File Edit View Inventory Administration Plug-ins Help

Home Inventory Inventory

localhost.localdomain VMware ESXi, 5.5.0, 2068190 | Evaluation (60 days remaining)

Getting Started Summary Virtual Machines Resource Allocation Performance Configuration Local Users & Groups Events Permissions

General

Manufacturer:	VMware, Inc.
Model:	VMware Virtual Platform
CPU Cores:	2 CPUs x 2.494 GHz
Processor Type:	Intel(R) Core(TM) i5-3210M CPU @ 2.50GHz
License:	Evaluation Mode
Processor Sockets:	2
Cores per Socket:	1
Logical Processors:	2
Hyperthreading:	Inactive
Number of NICs:	1
State:	Connected
Virtual Machines and Templates:	1
vMotion Enabled:	N/A
VMware EVC Mode:	Disabled
vSphere HA State:	② N/A
Host Configured for FT:	N/A
Active Tasks:	
Host Profile:	N/A
Image Profile:	ESXi-5.5.0-20140902001-st...

Resources

Storage	Drive Type	Capacity
datastore1	Non-SSD	32.50 GB 2/2

Fault Tolerance

Fault Tolerance Version:	5.0.0-5.0.0-5.0.0
Total Primary VMs:	0
Powered On Primary VMs:	0
Total Secondary VMs:	0
Powered On Secondary VMs:	0

Recent Tasks

Name	Target	Status	Details	Initiated by	Requested Start Ti...	Start Time	Completed Time
>Create virtual machine	192.168.101.1...	Completed		root	7/23/2016 1:25:05 AM	7/23/2016 1:25:05 AM	7/23/2016 1:25:16 AM
Unregister virtual mach...	Test VM	Completed		root	7/23/2016 1:21:27 AM	7/23/2016 1:21:27 AM	7/23/2016 1:21:27 AM

Tasks Search the web and Windows 7:50 PM 8/4/2016

192.168.101.128 - vSphere Client

File Edit View Inventory Administration Plug-ins Help

Home Inventory Inventory

Kali_OS_VM - Virtual Machine Properties

Hardware Options Resources

Virtual Machine Version: 8

What is a Virtual Machine? A virtual machine is a computer application that runs on a physical computer system. It allows you to run multiple virtual machines on a single physical machine. Because every virtual machine has its own environment, you can work on multiple projects simultaneously without consolidating servers or virtual machines.

Basic Tasks Power on the VM Edit virtual machine

Memory (edited) 4096 MB

Memory Configuration

Memory Size: 4 GB

1011 GB Maximum recommended for this guest OS: 1011 GB.
512 GB Maximum recommended for best performance: 512 MB.
256 GB Default recommended for this guest OS: 512 MB.
128 GB Minimum recommended for this guest OS: 64 MB.

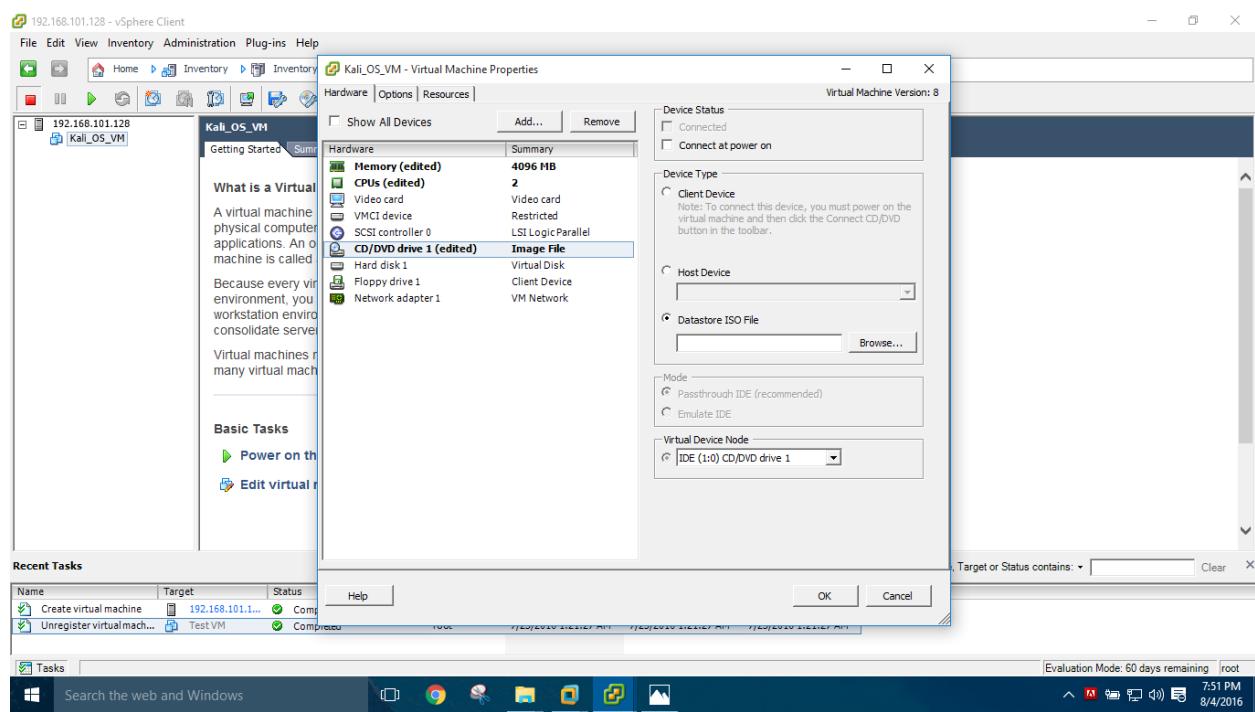
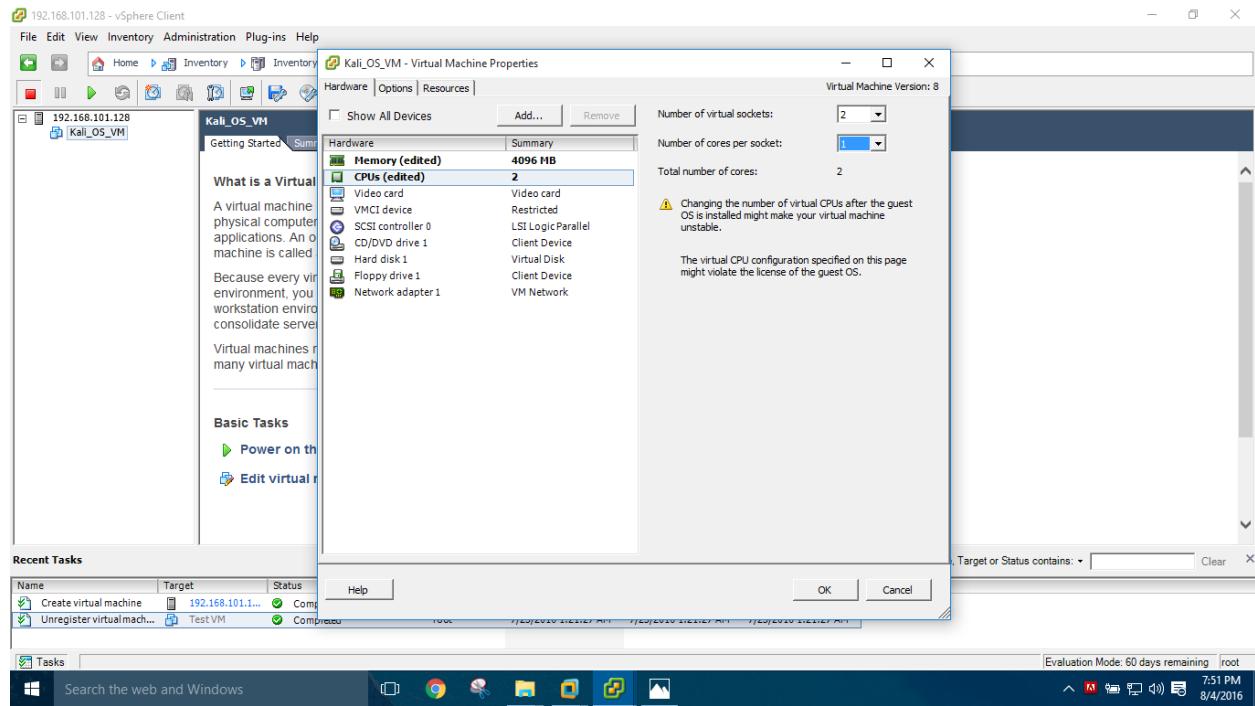
64 GB
32 GB
16 GB
8 GB
4 GB
2 GB
1 GB
512 MB
256 MB
128 MB
64 MB
32 MB
16 MB
8 MB
4 MB

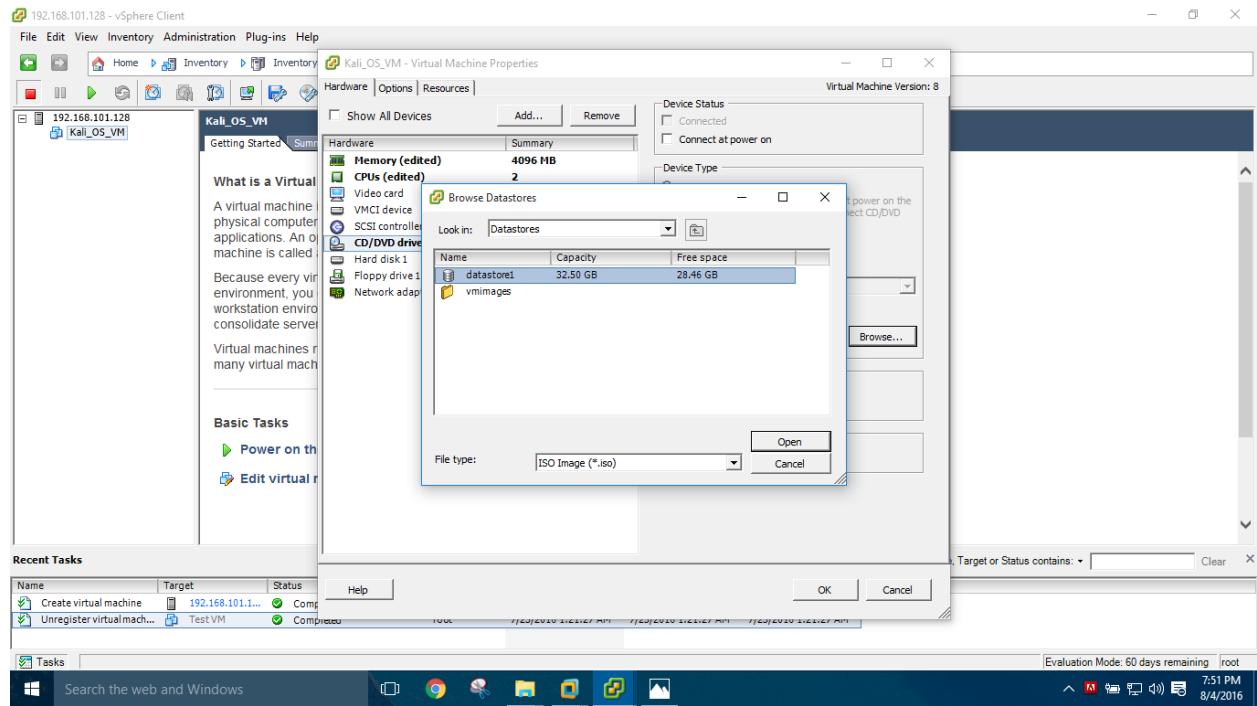
OK Cancel

Recent Tasks

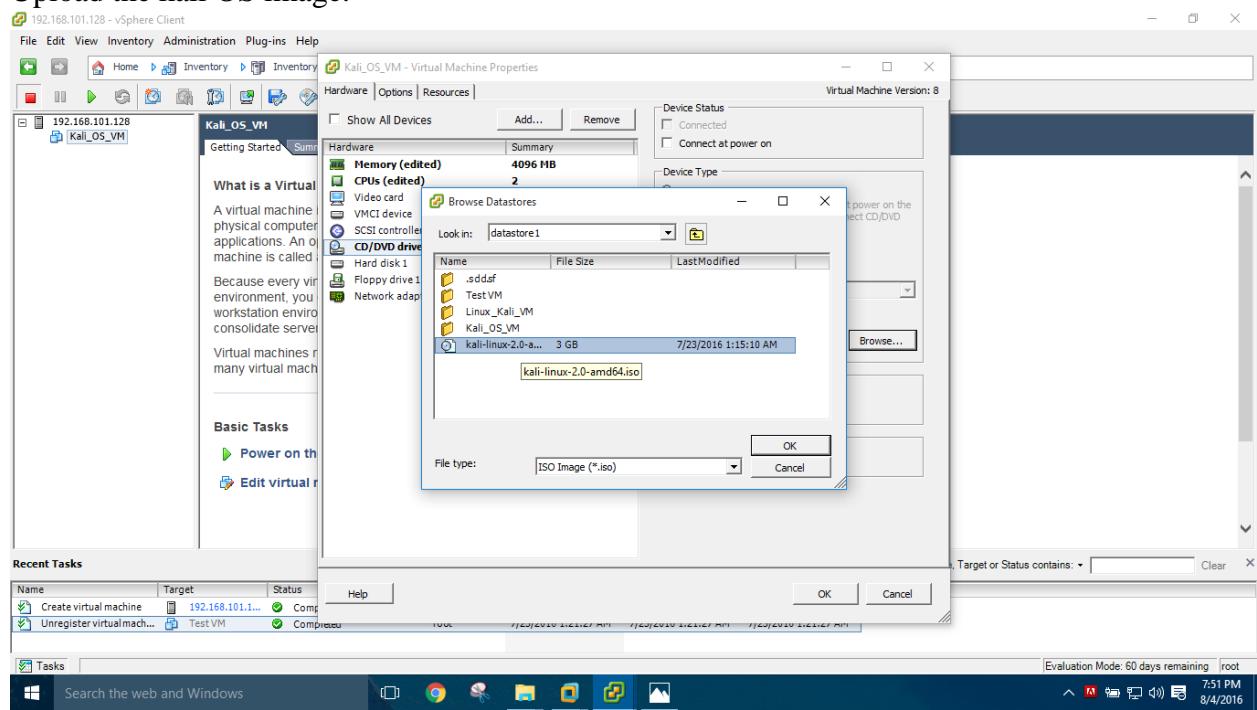
Name	Target	Status
Create virtual machine	192.168.101.1...	Completed
Unregister virtual mach...	Test VM	Completed

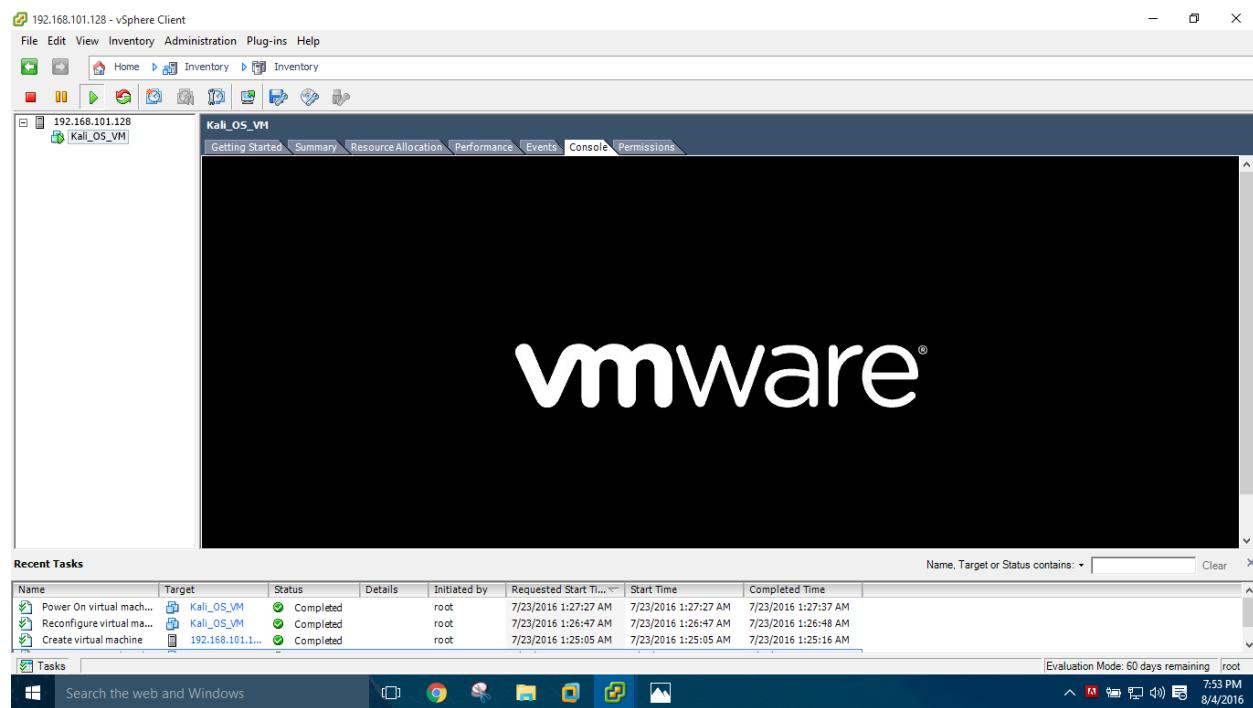
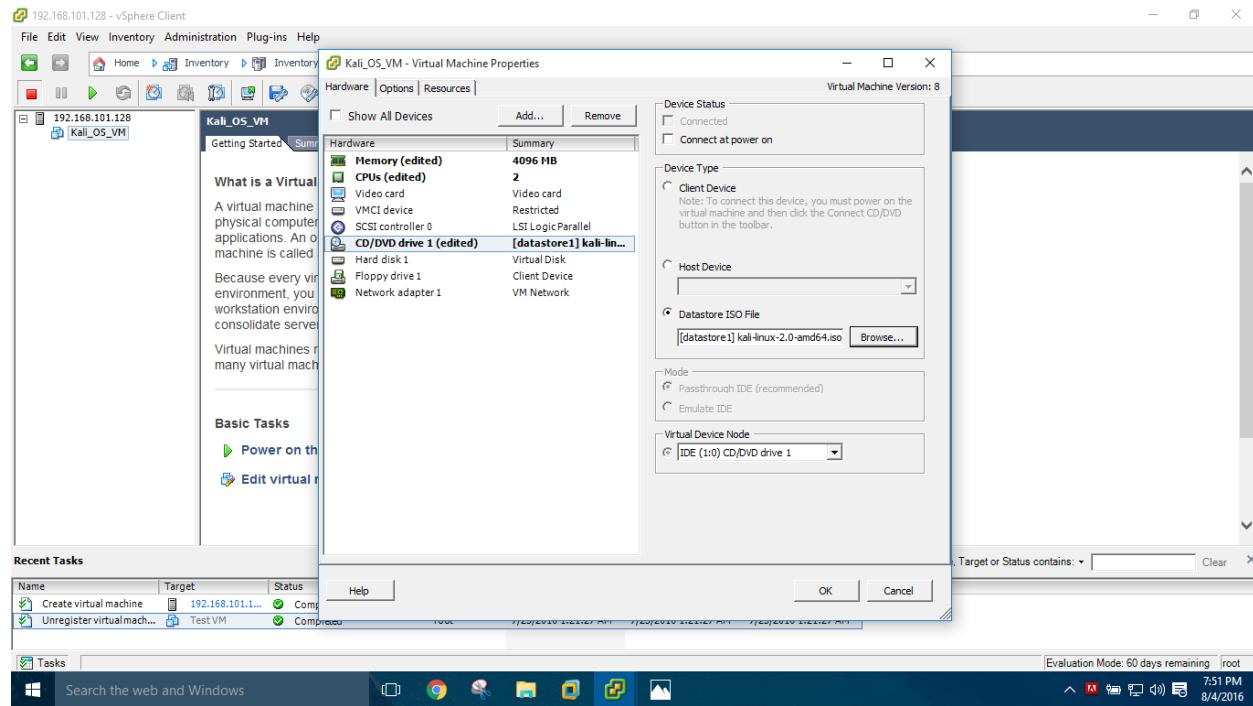
Tasks Search the web and Windows 7:50 PM 8/4/2016

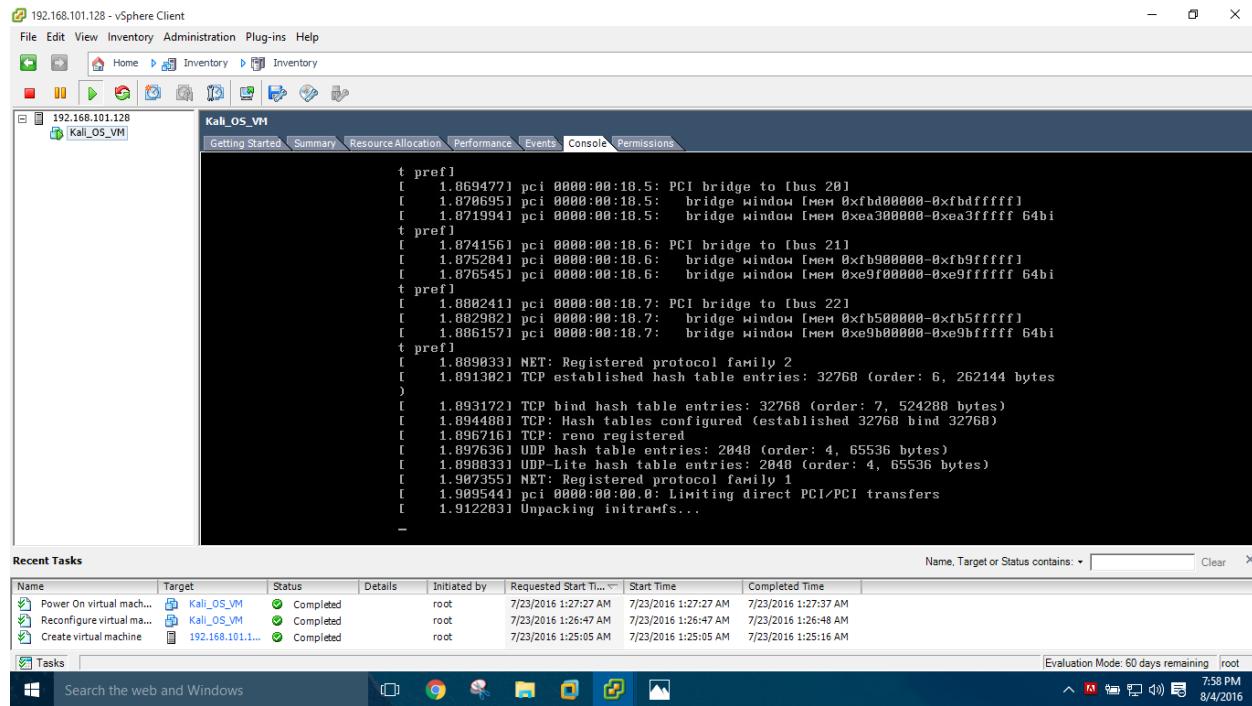
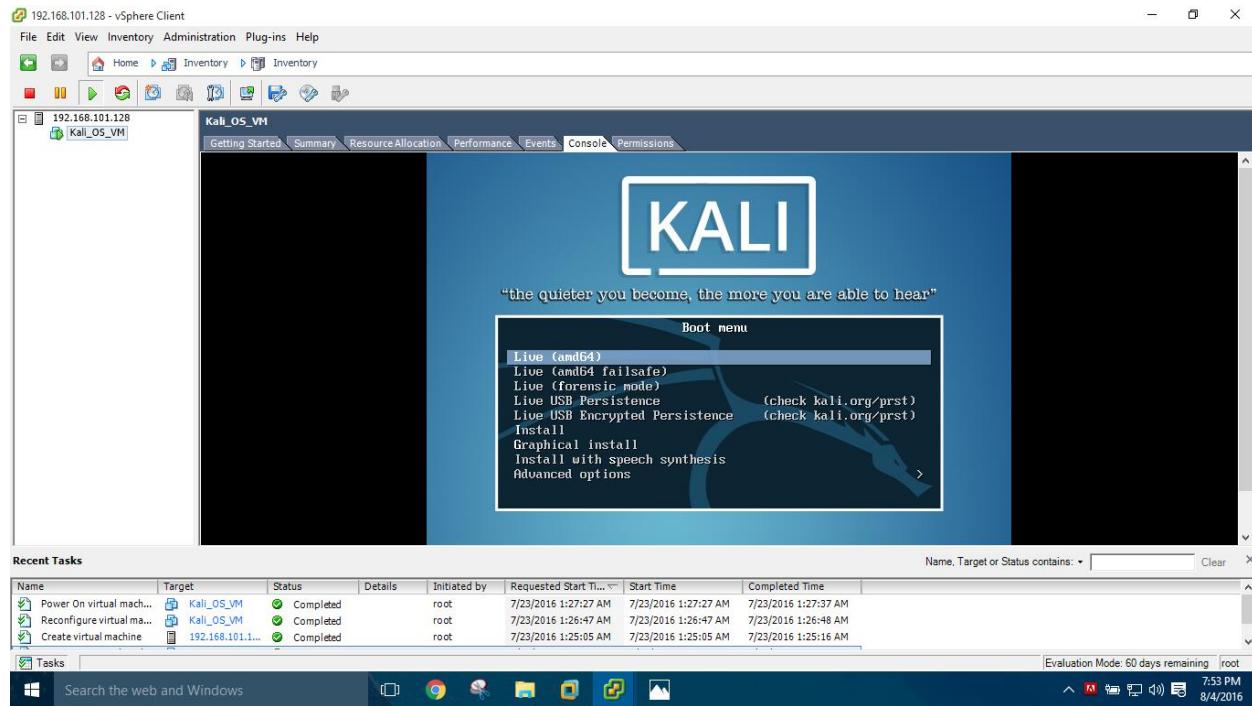


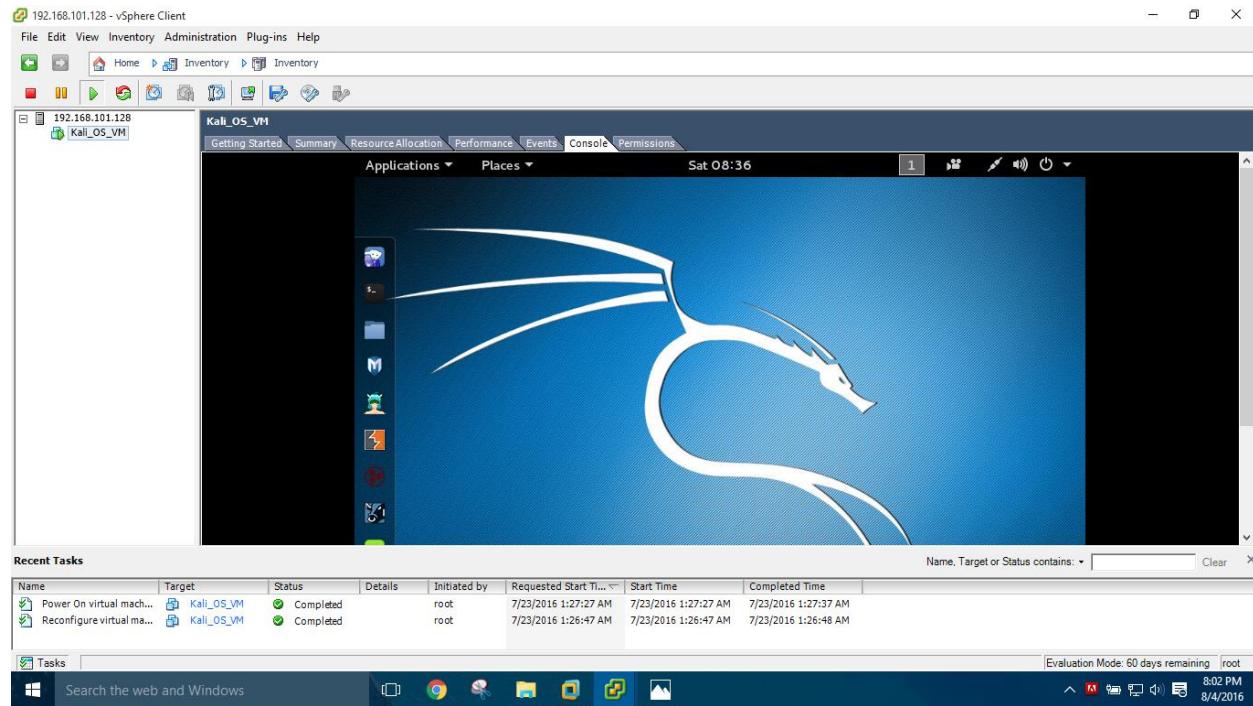


Upload the kali OS image.

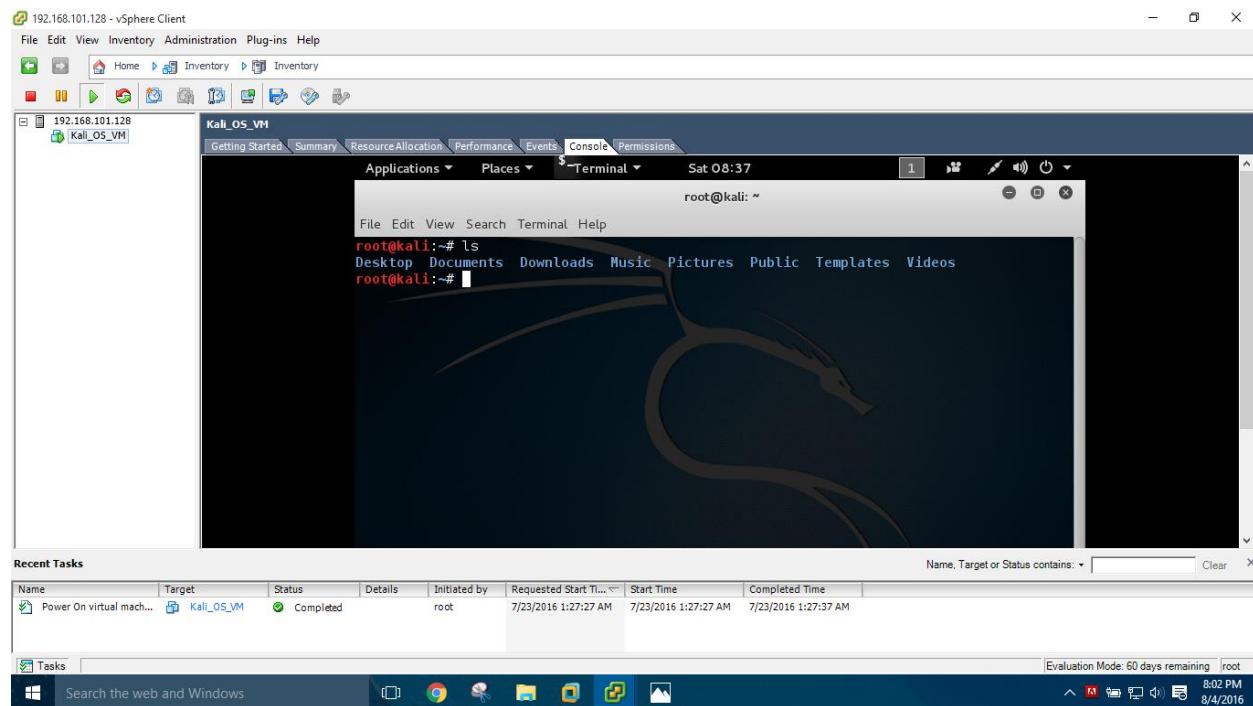








Now you can see the kali OS in the VM .



*****END*****