



SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

Enterprise Standards and Best Practices for IT Infrastructure

4<sup>th</sup> Year 2<sup>nd</sup> Semester 2014

Name: D.C Kahandagamage

SLIIT ID: IT12103782

Group Number:

Practical Session: Weekday(Friday)

Practical Number : 04

Date of Submission: 2016/07/30

Date of Evaluation : \_\_\_\_\_

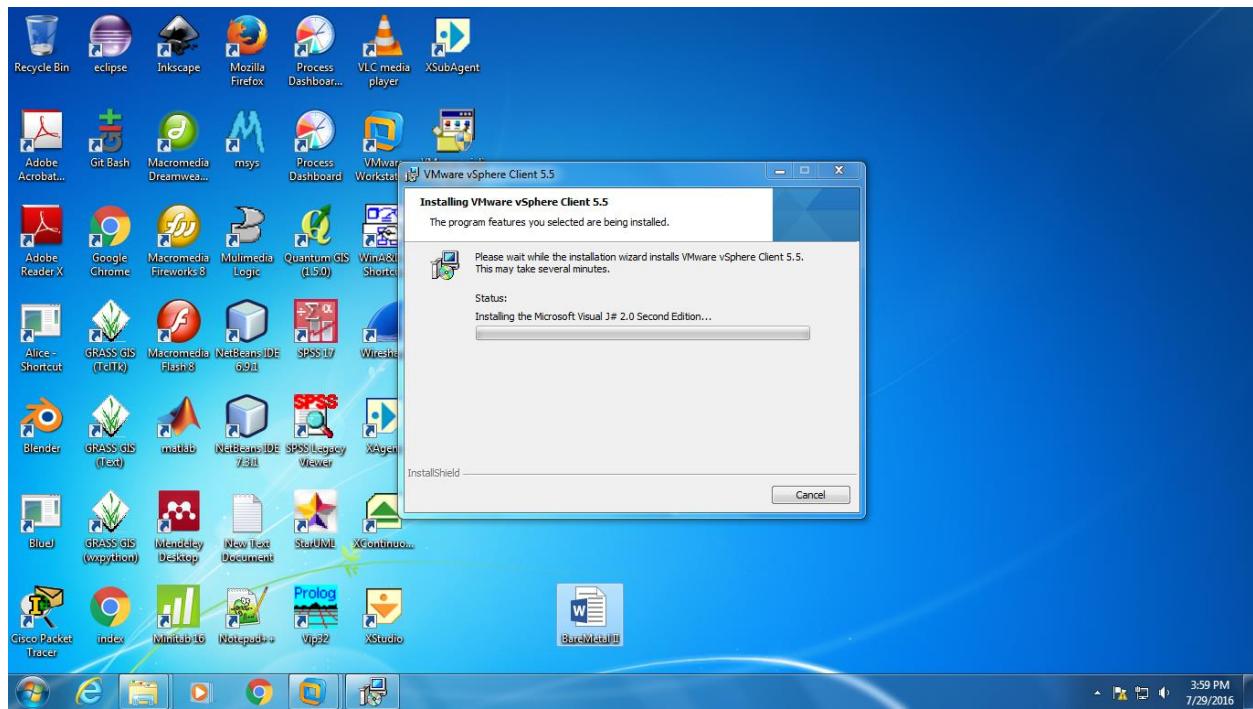
Evaluators Signature : \_\_\_\_\_

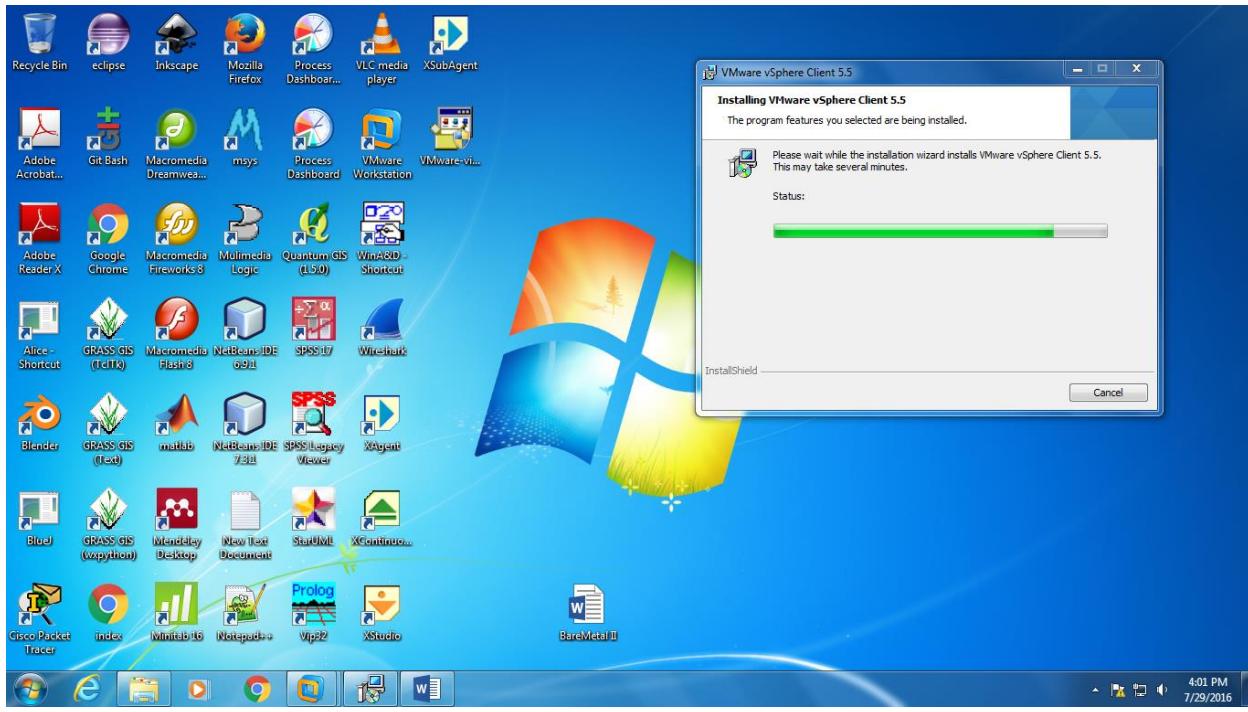
# Database connect with vSphere and installing “Khali linux”

## Pre Requirements:

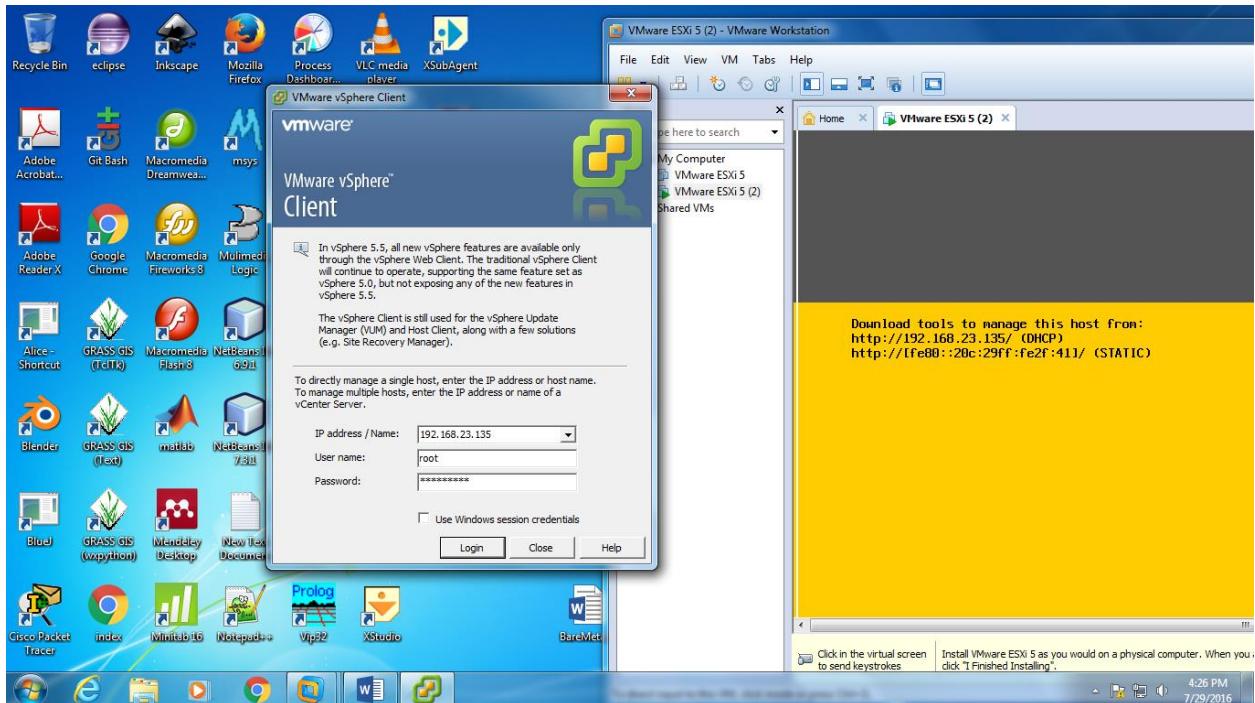
- VMWare vSphere software
- ISO of Khali linux.

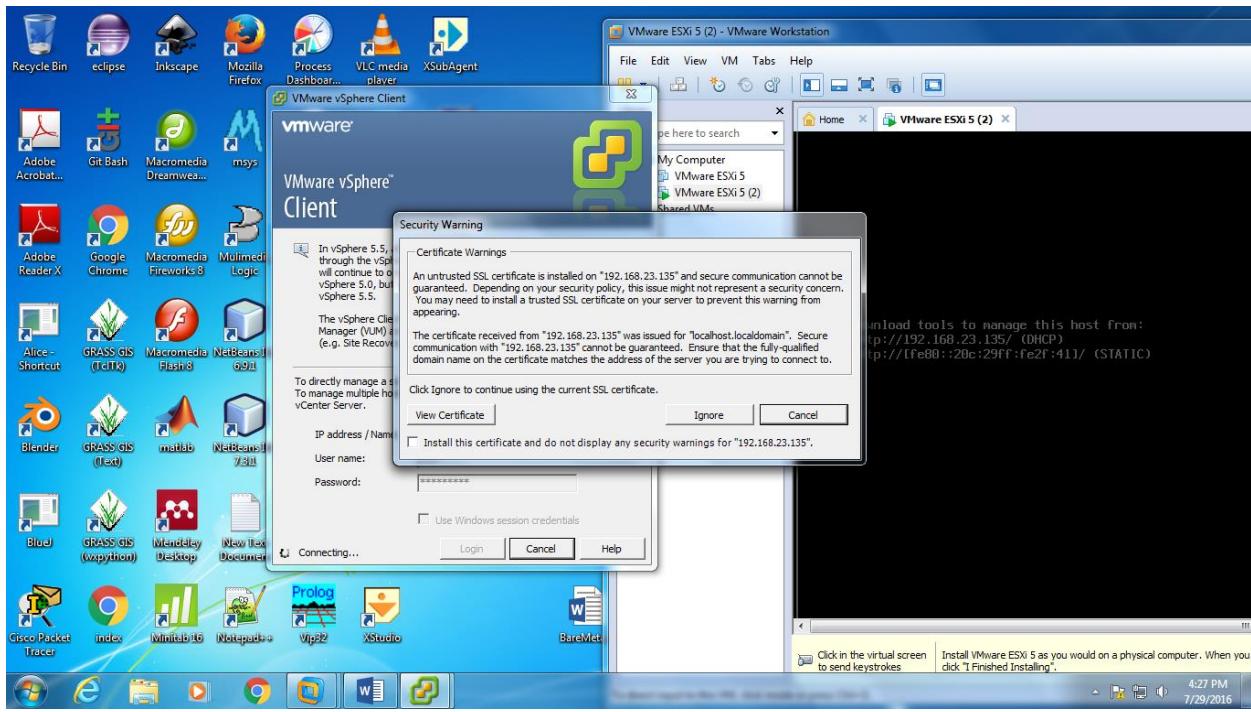
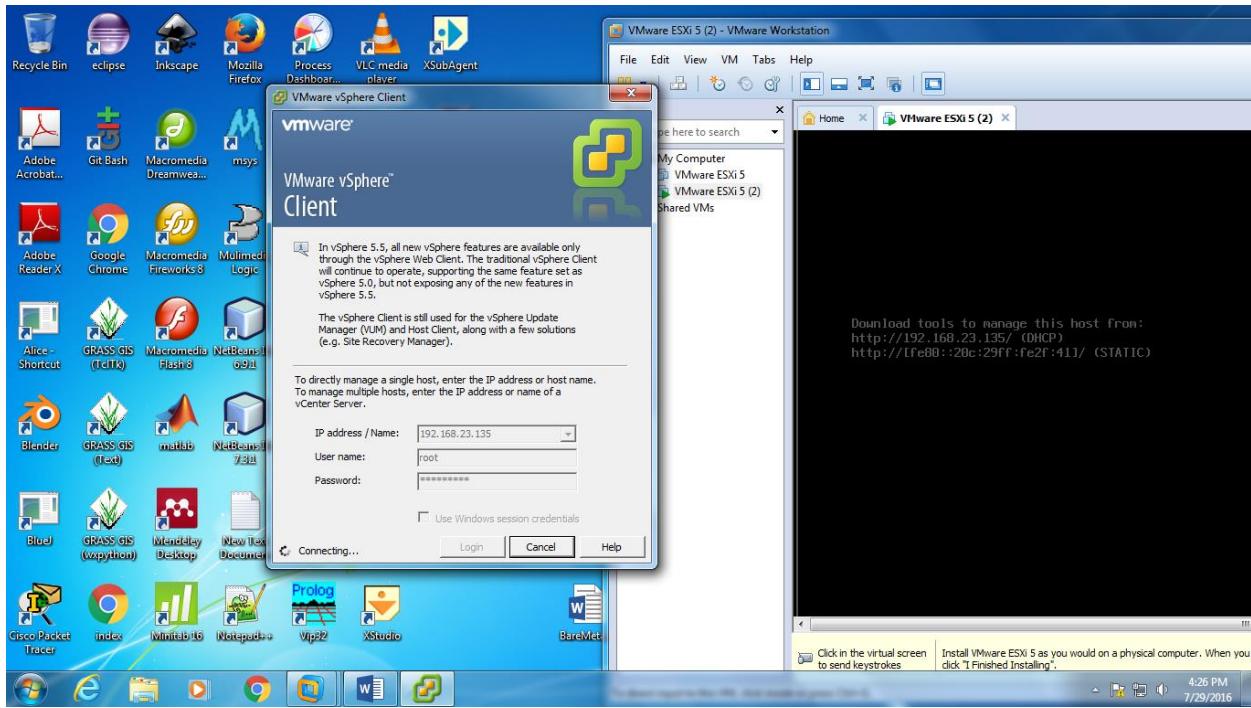
First install VMWare vSphere.



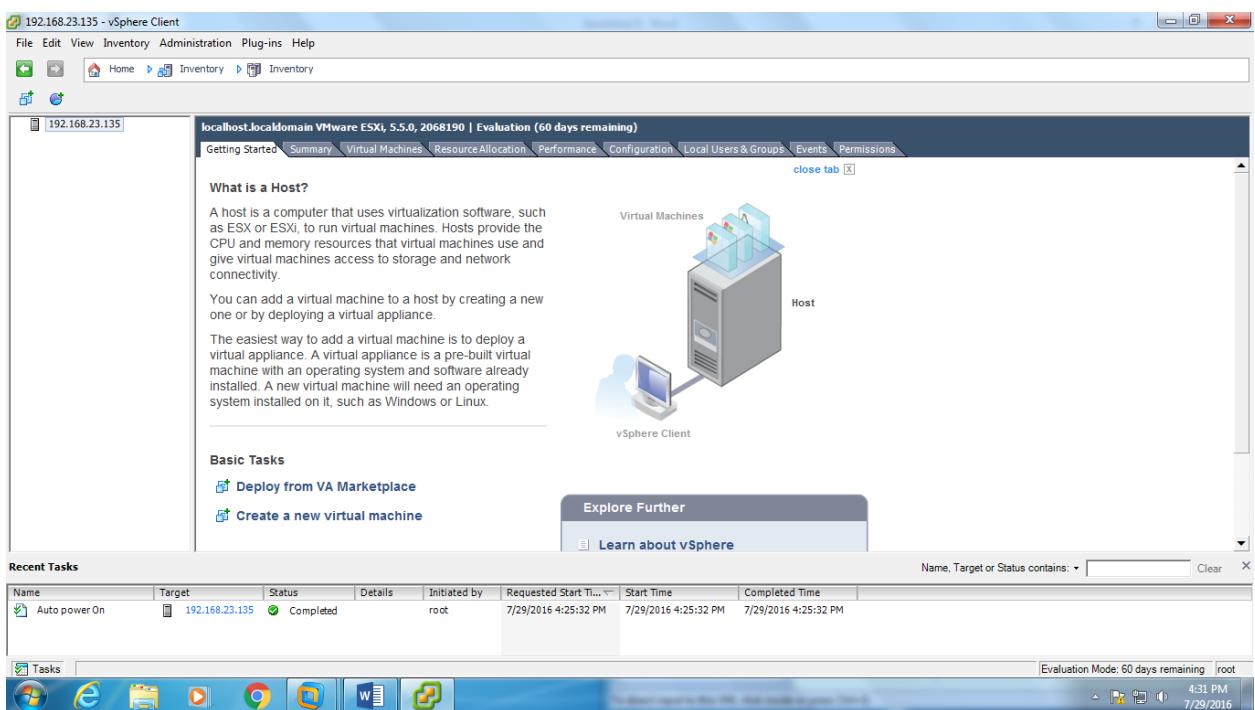
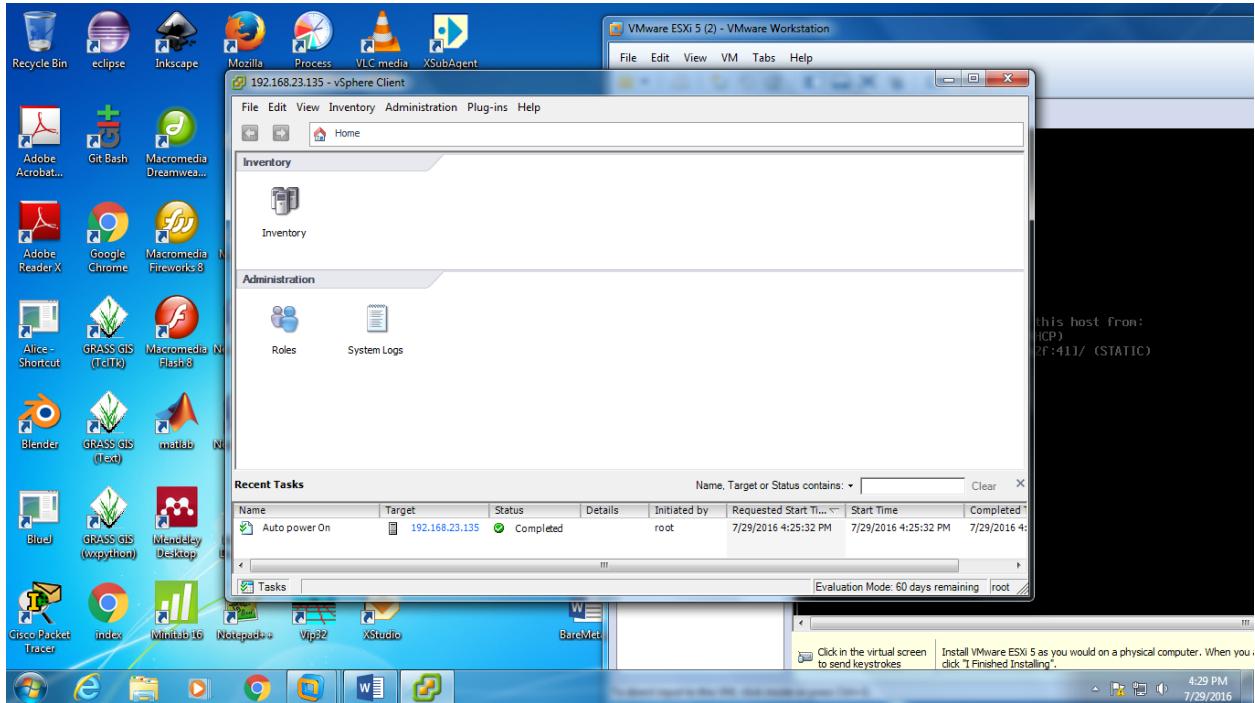


When the VMware vSphere install completed open it and enter the BareMetal provided IP address and the password. The user name is "root".

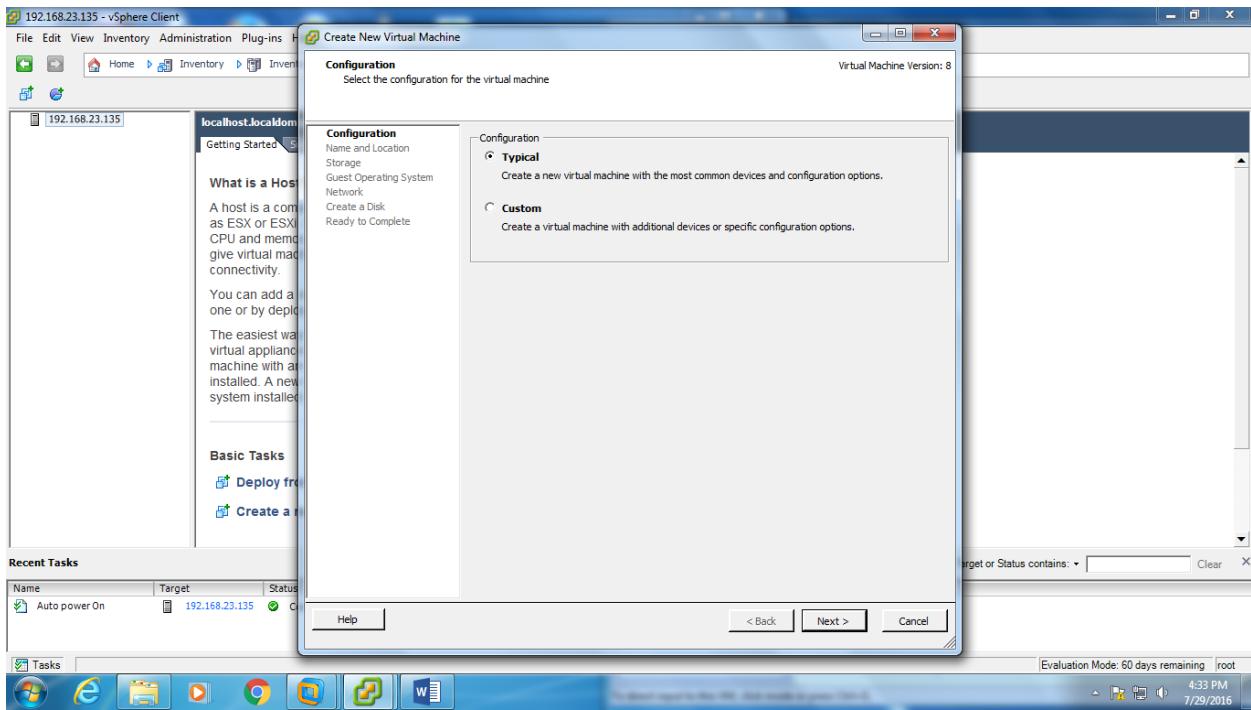




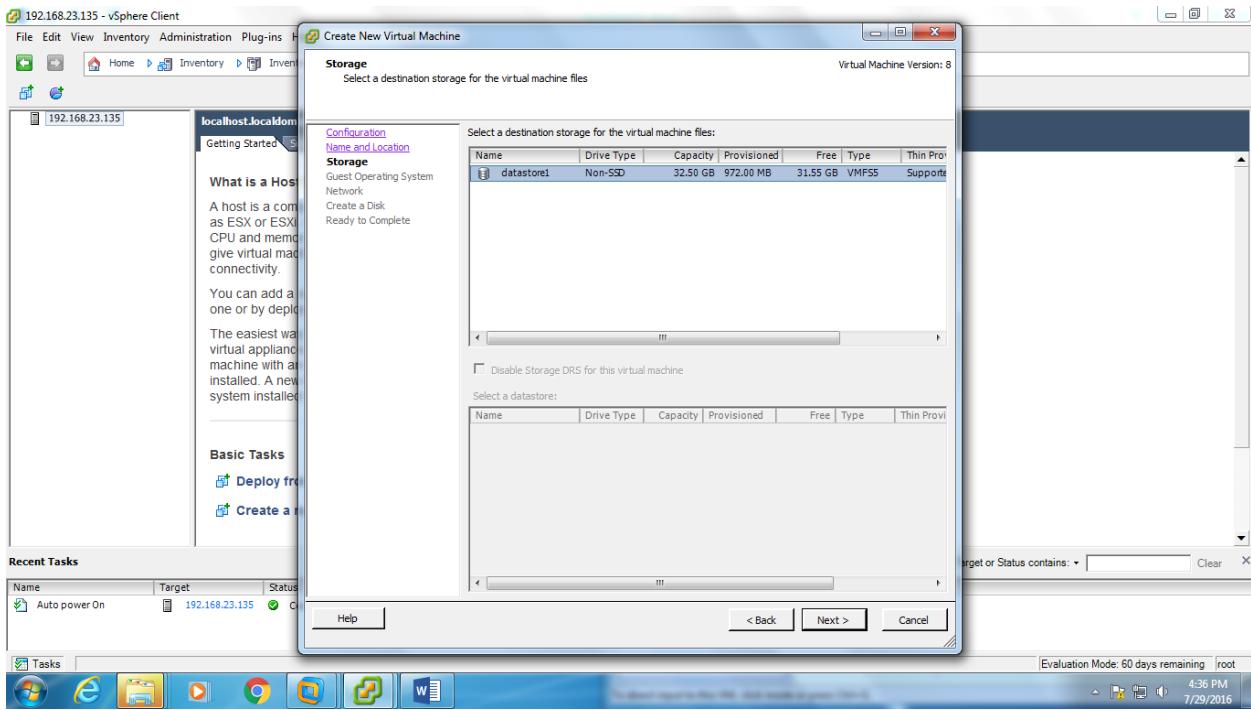
If the provided details are correct user can display this window. Select the target down below "Recent task".

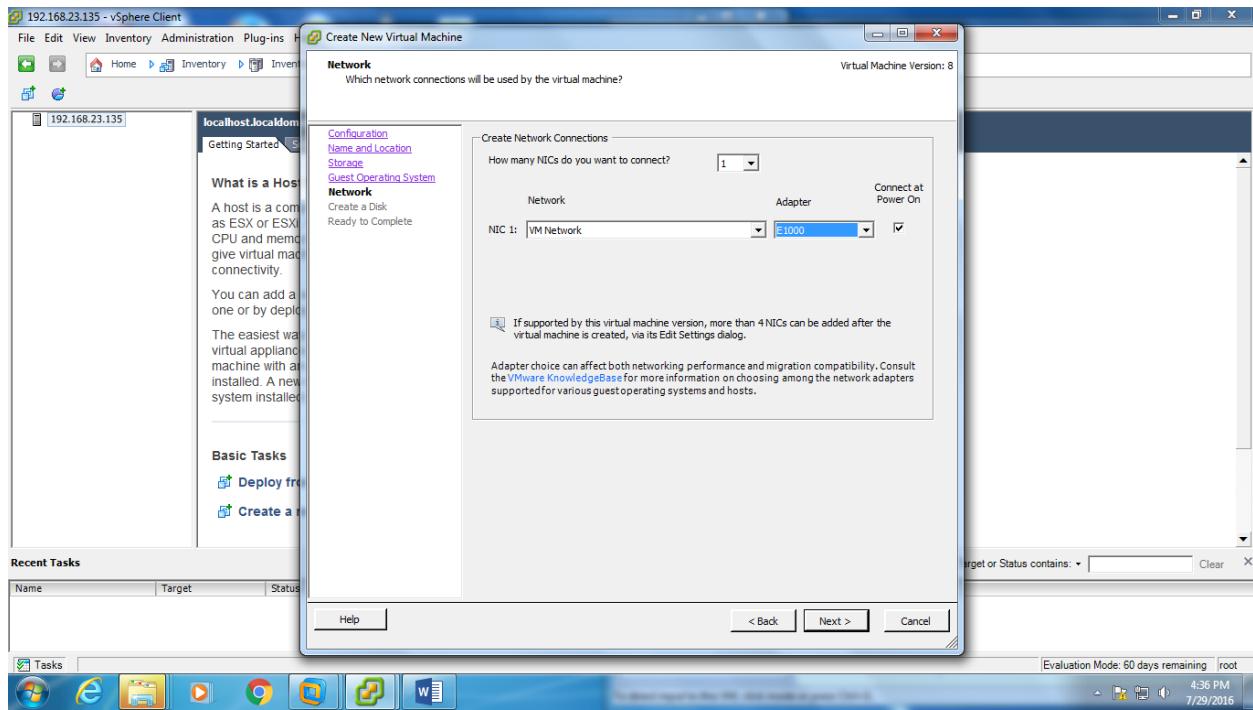


Create new virtual machine and select option “typical” and next

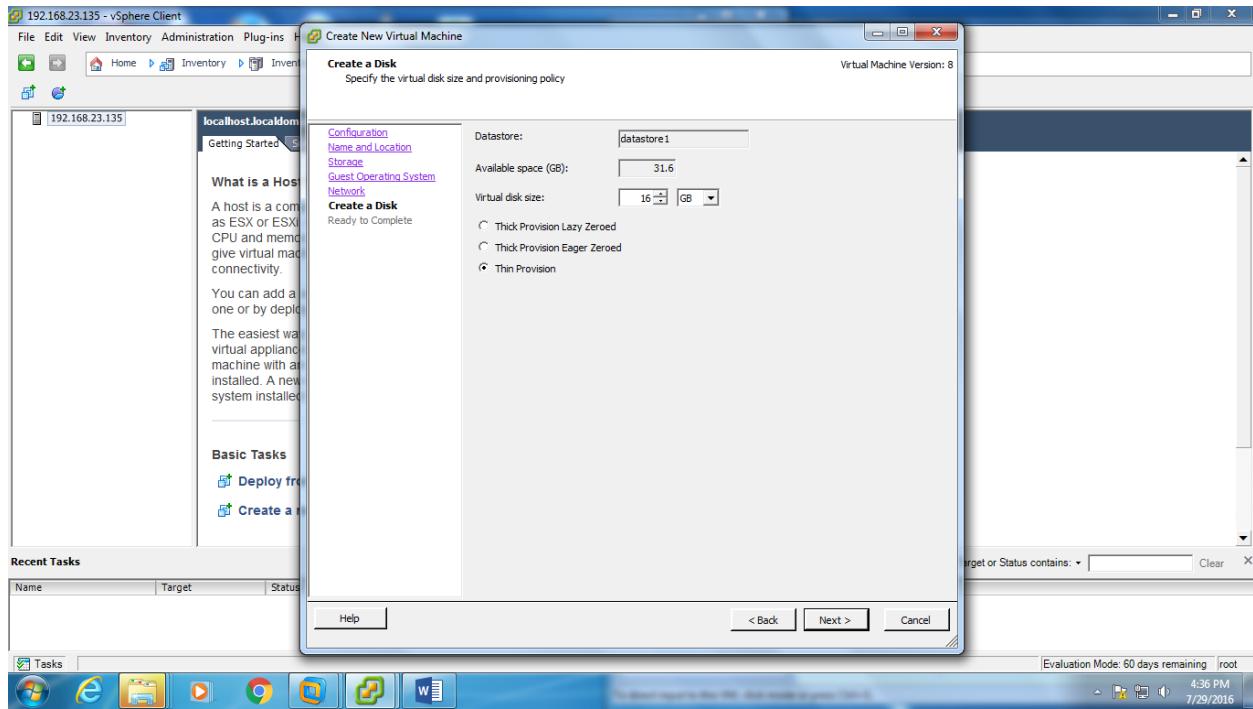


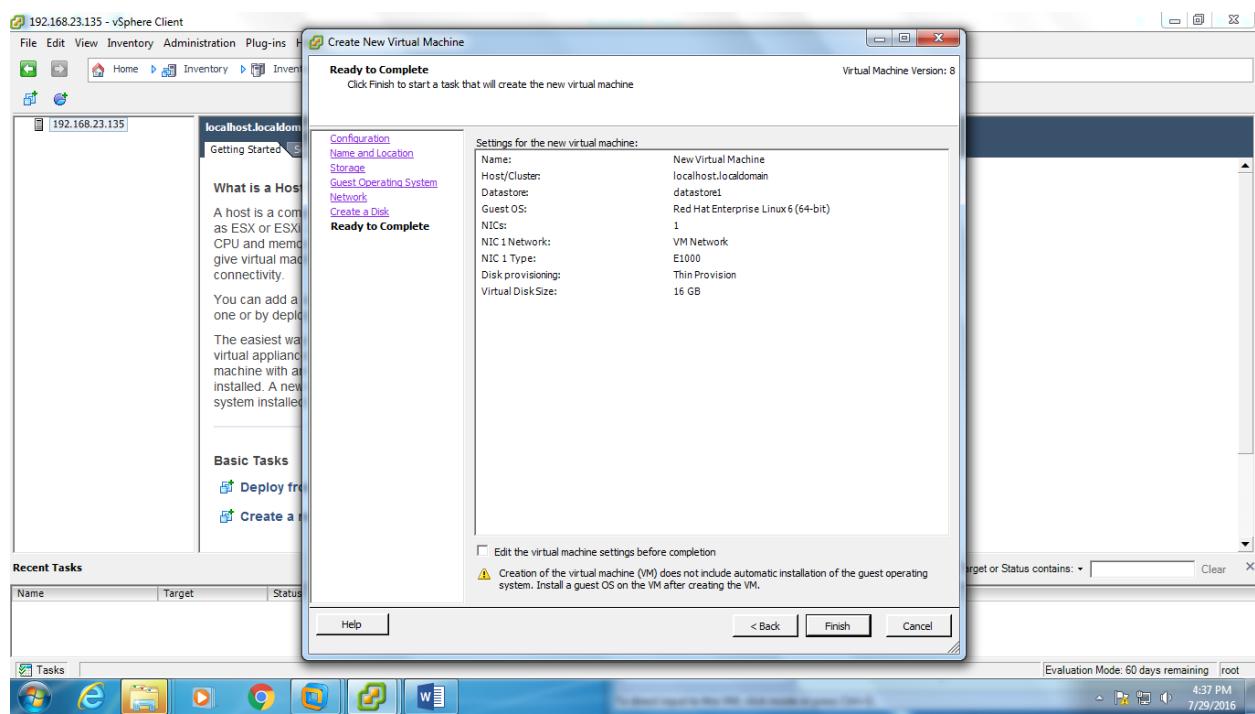
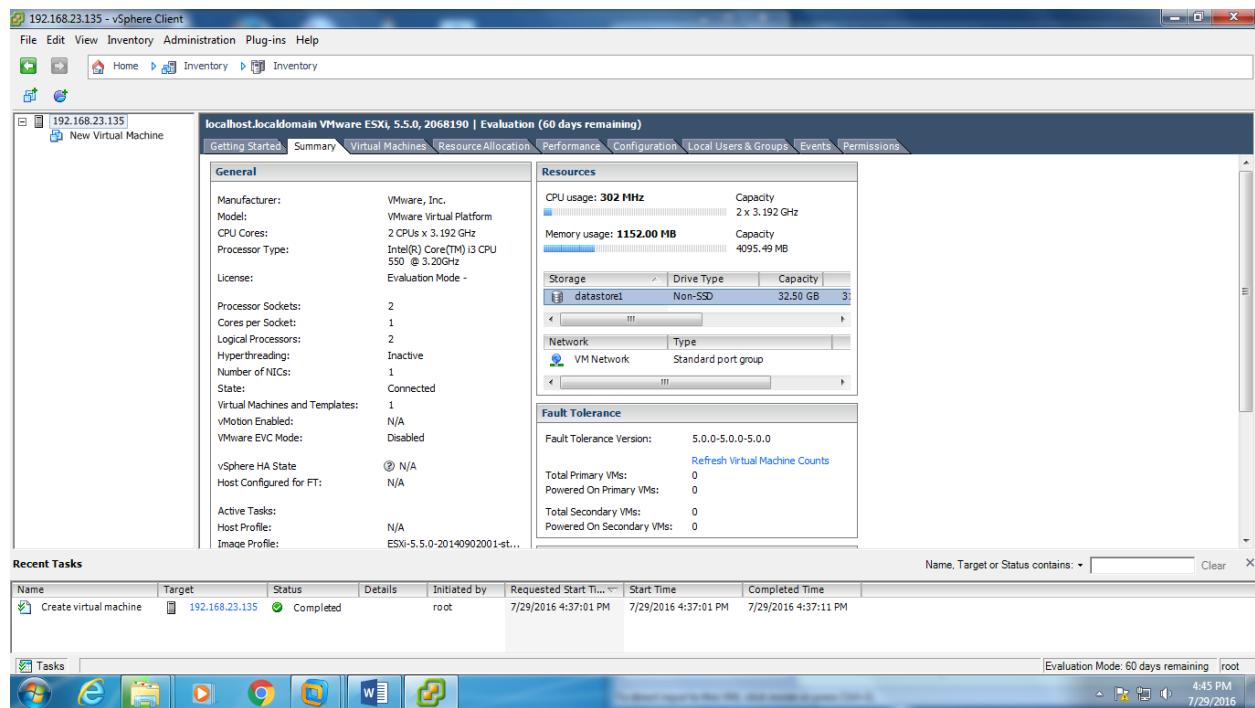
Then select the virtual machine and click next.



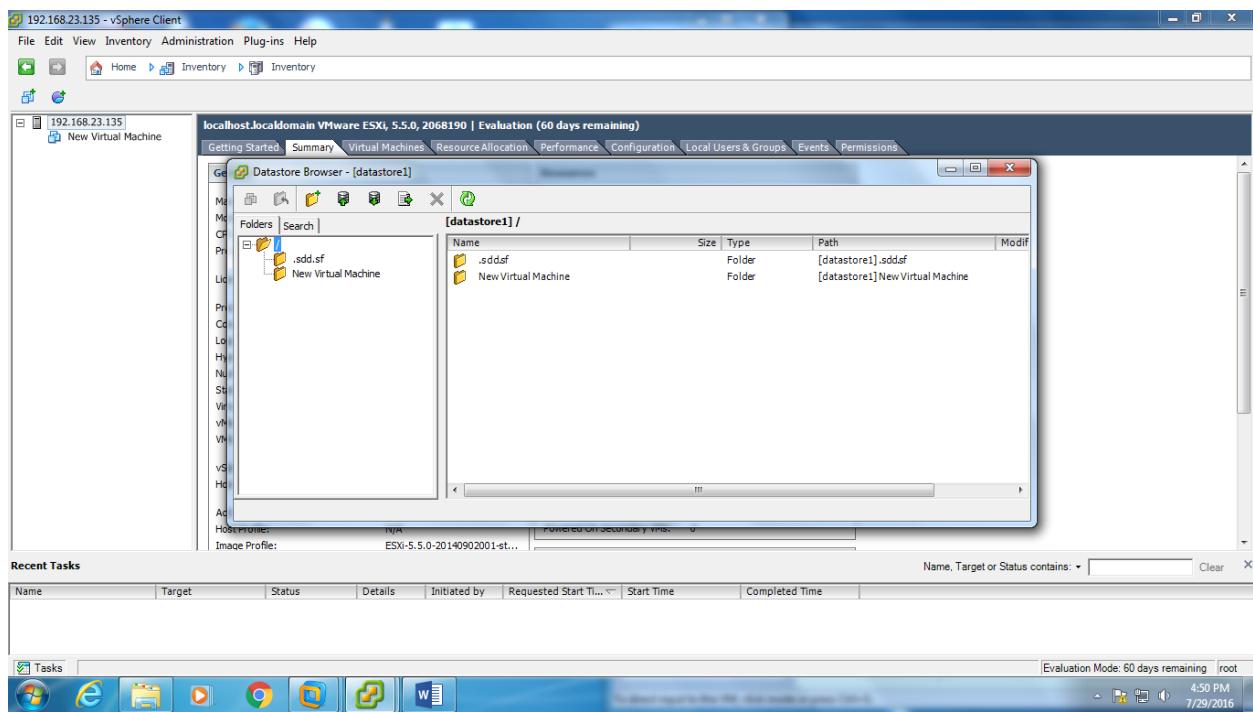
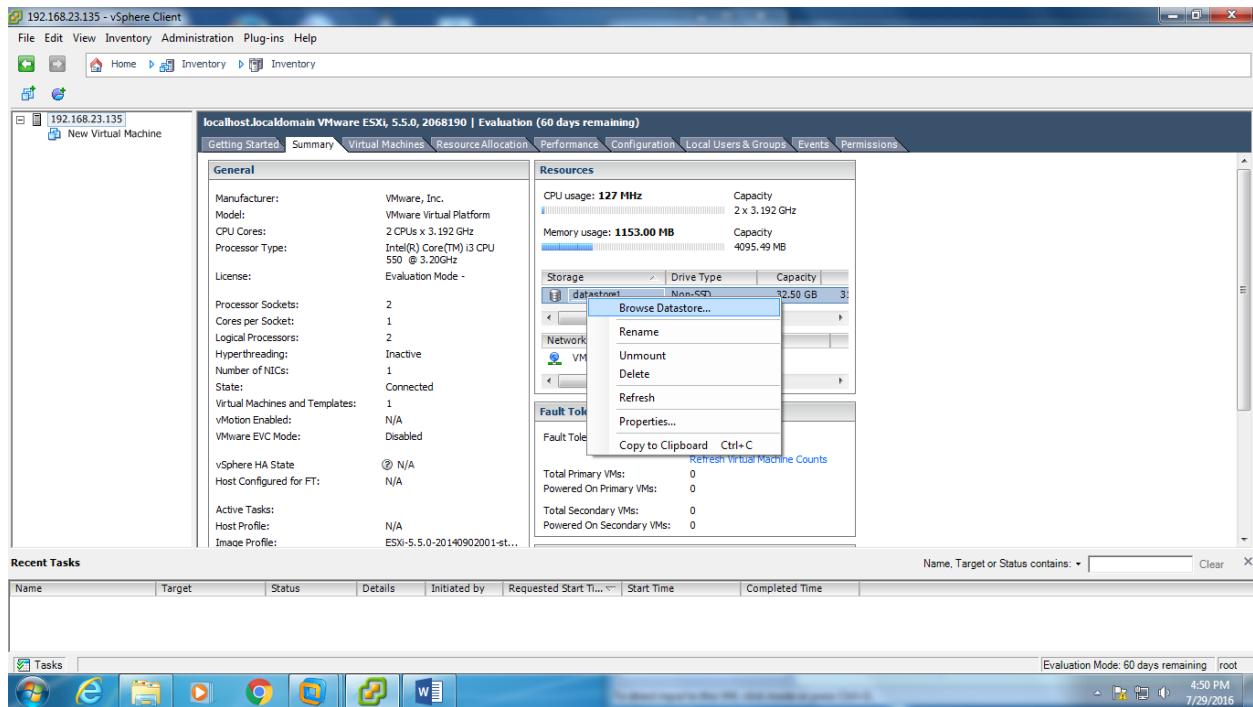


Select the disk size. user required

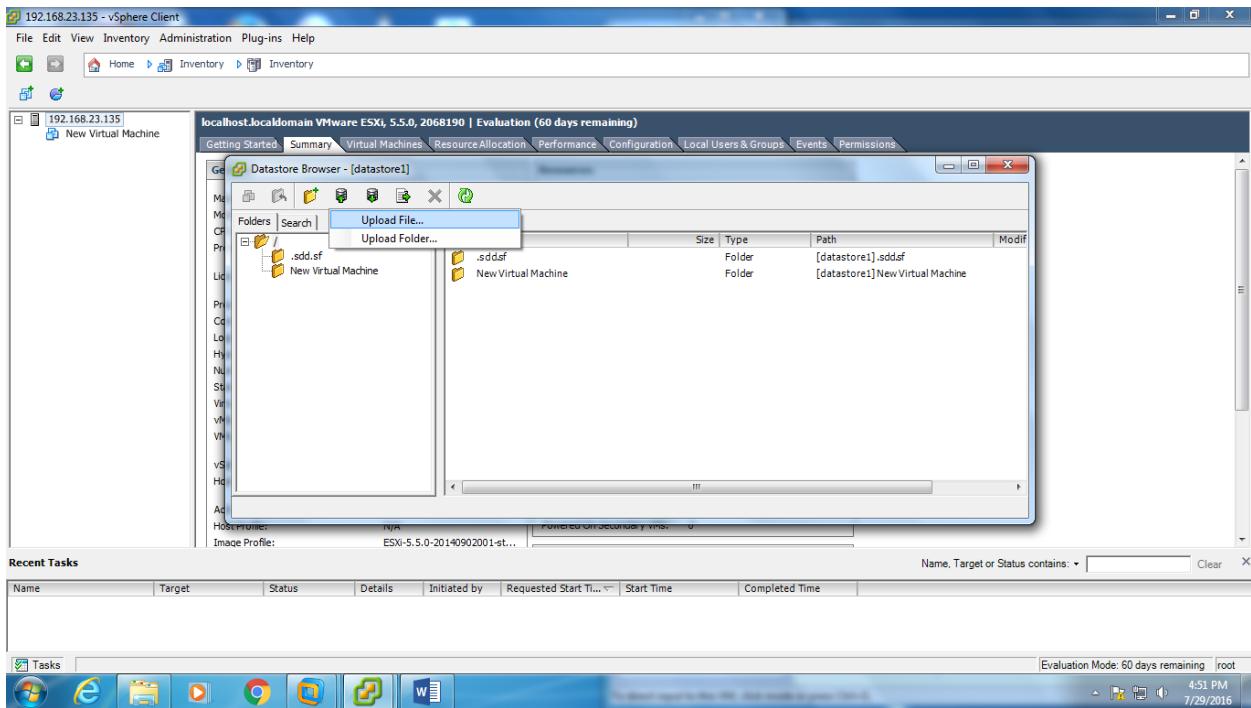




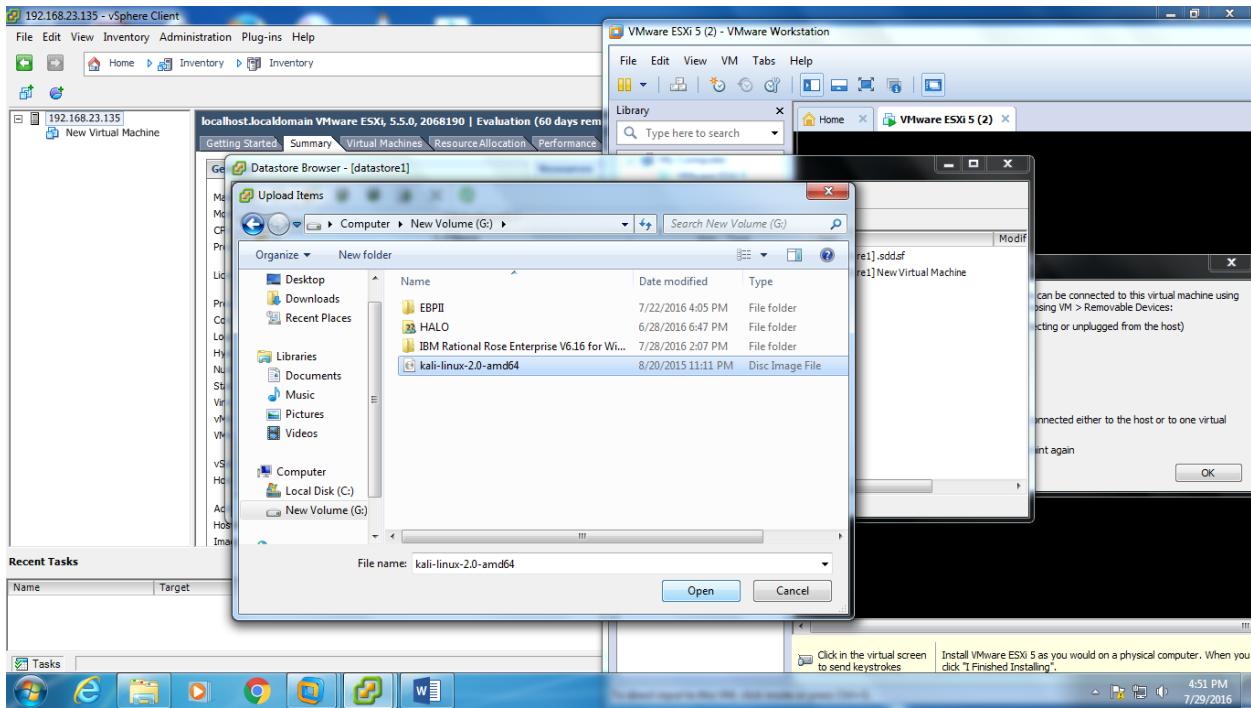
Select “Browse Datastore”.

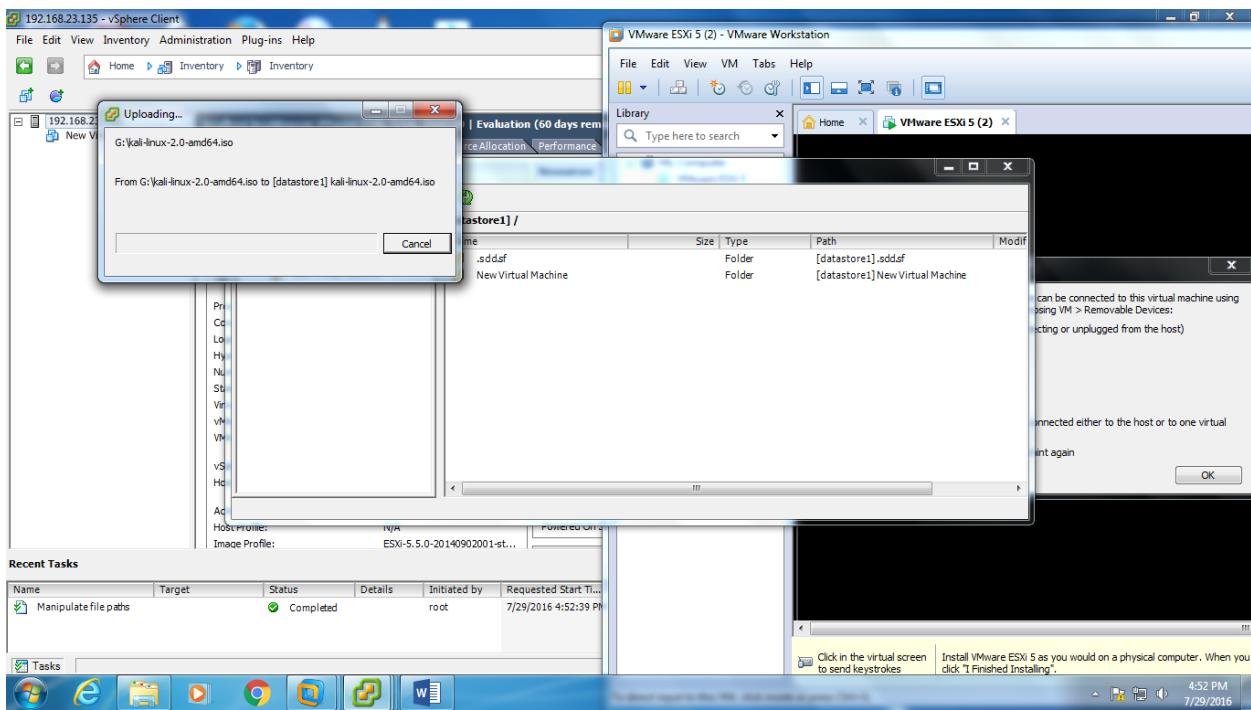


Select ->Upload file..

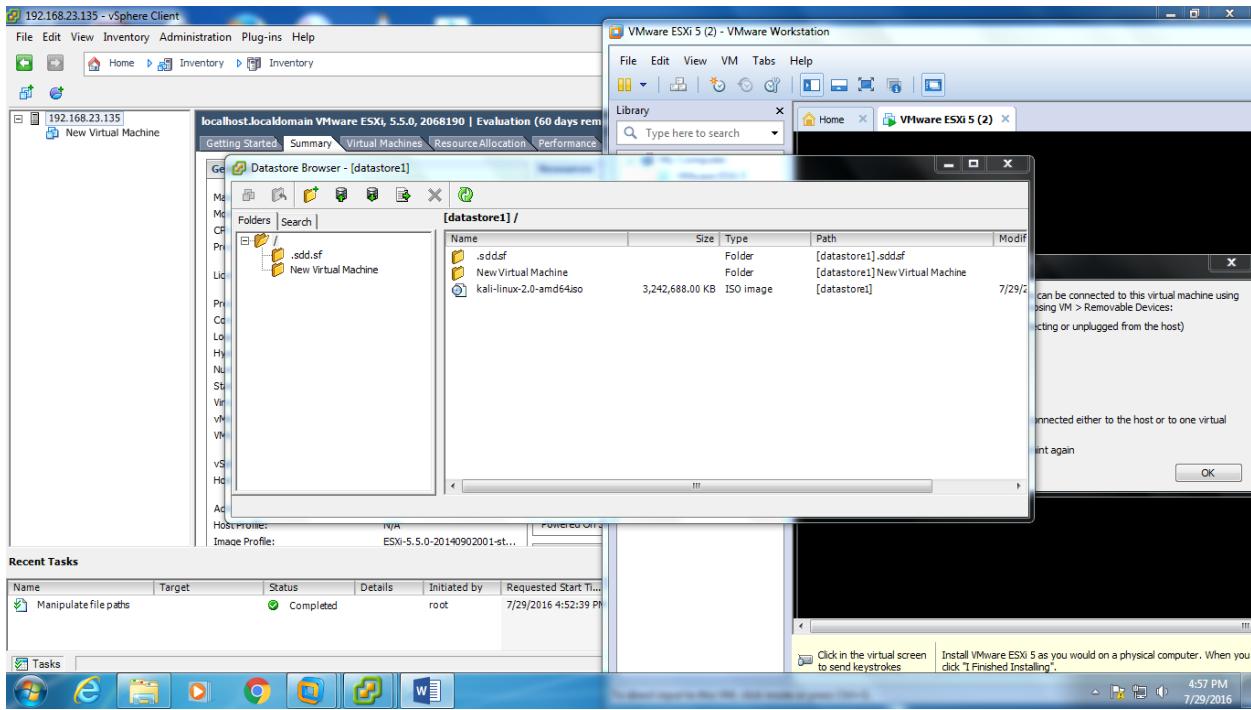


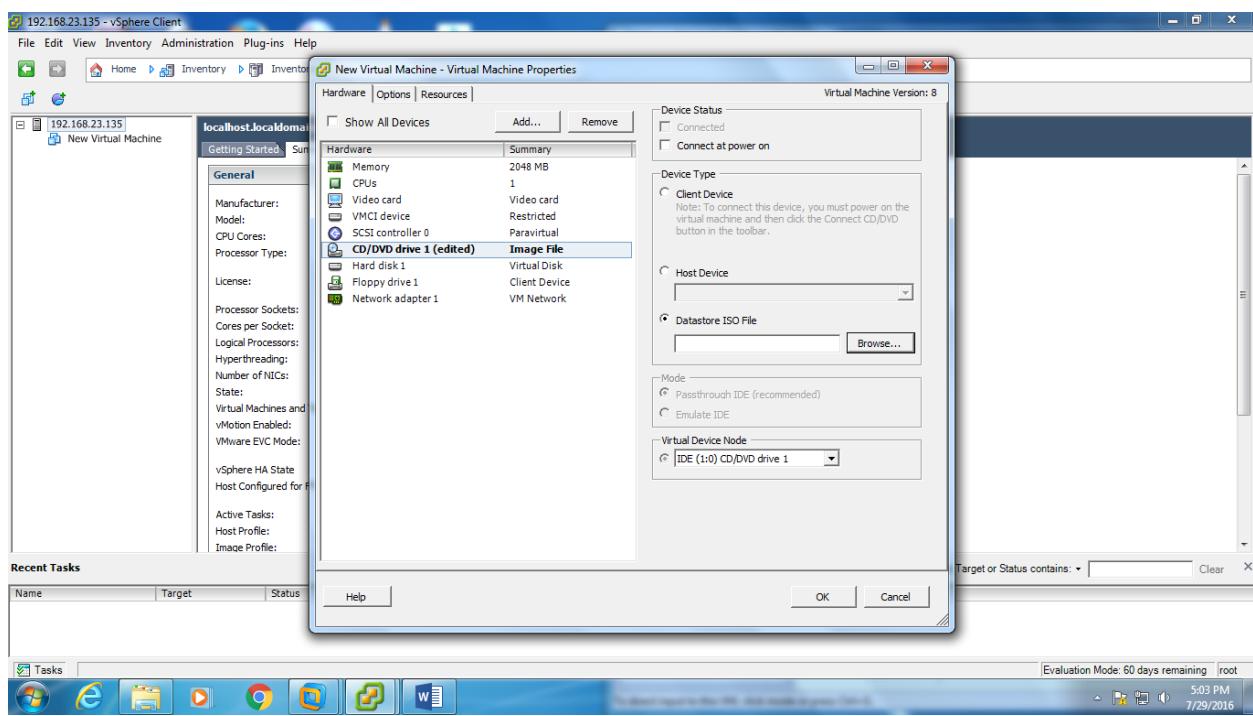
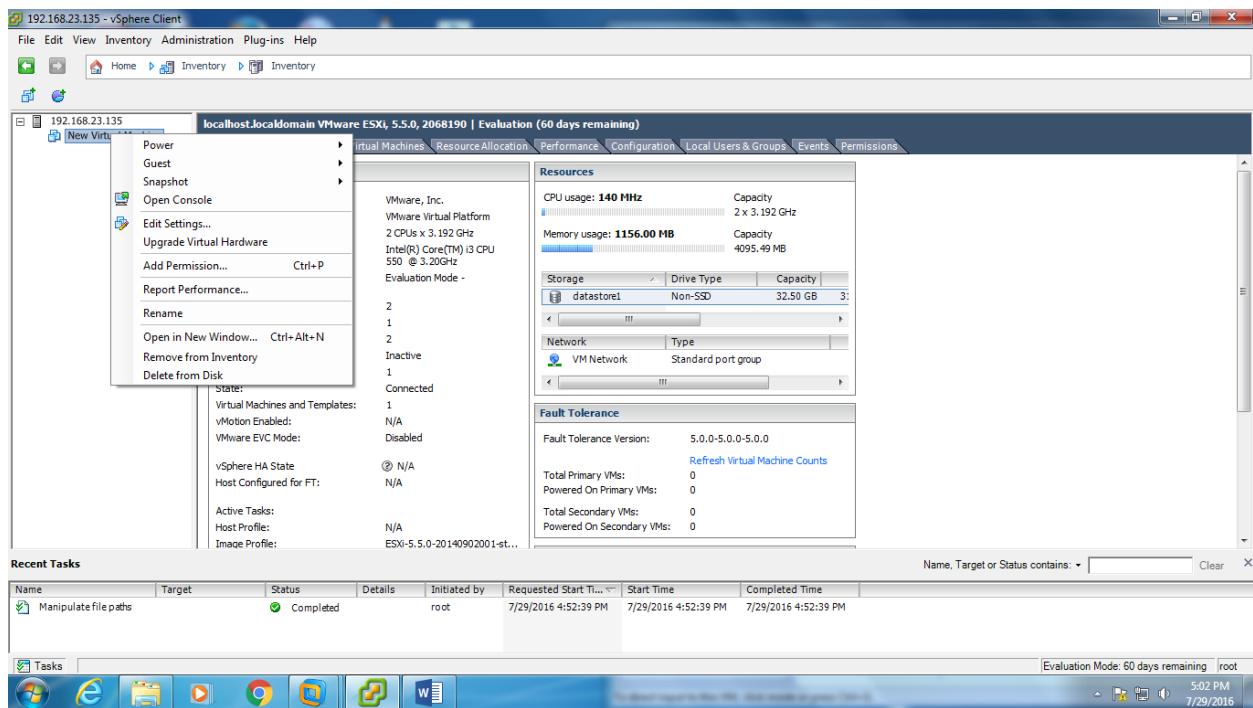
Browse the “Kali linux ” ISO.

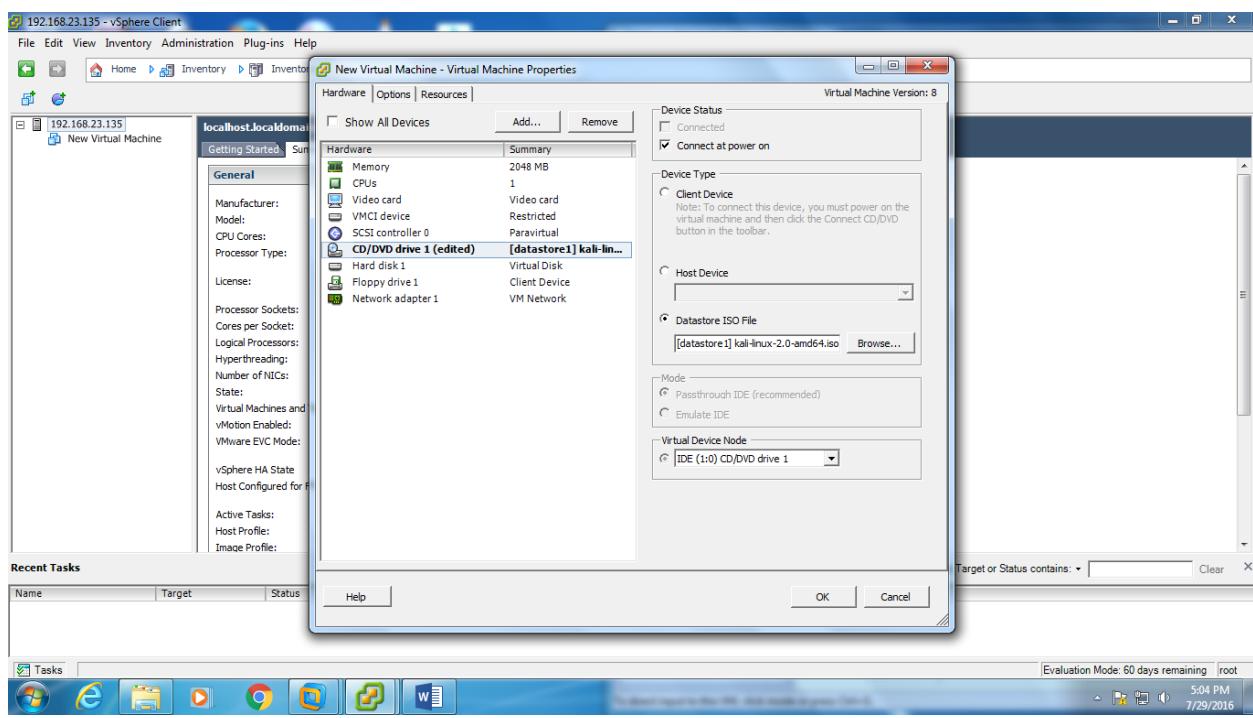
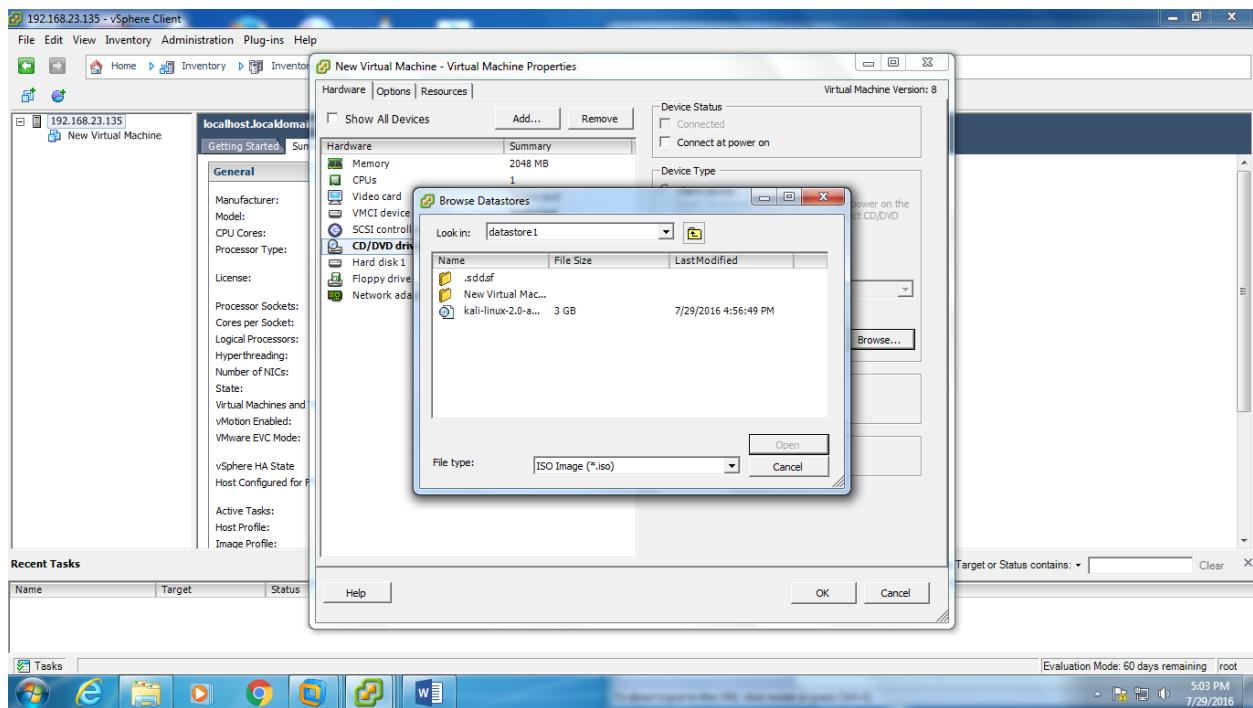


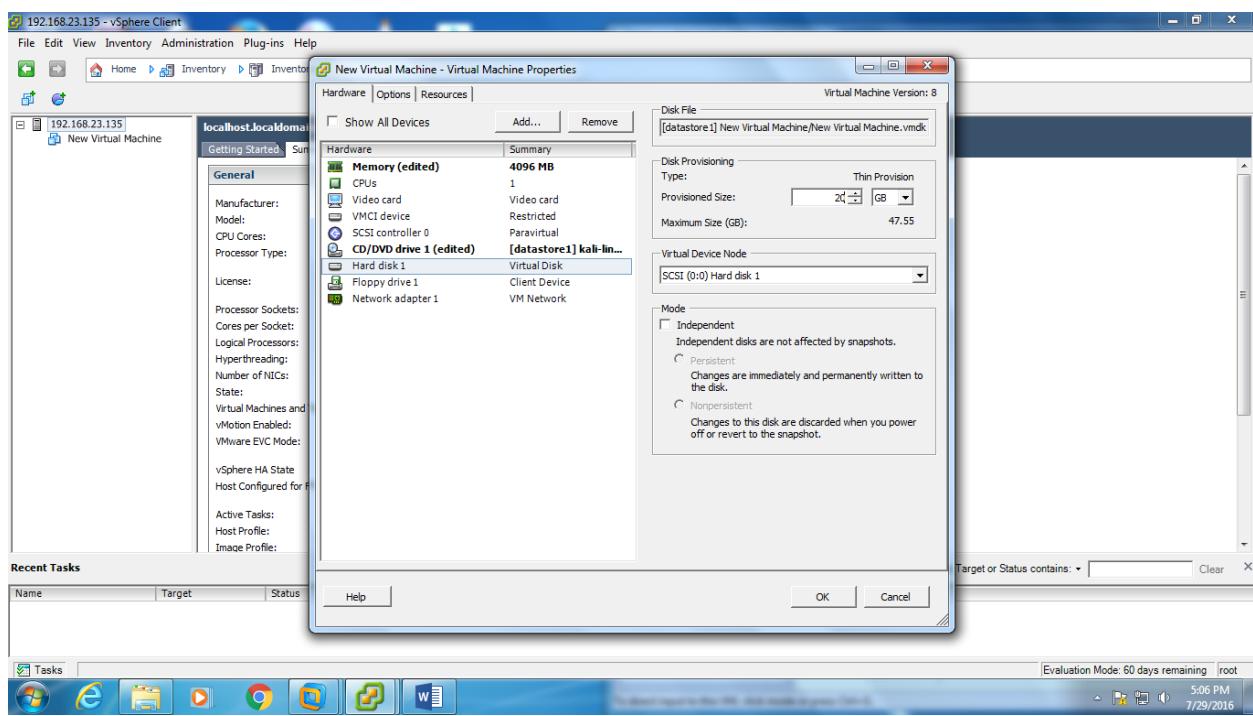
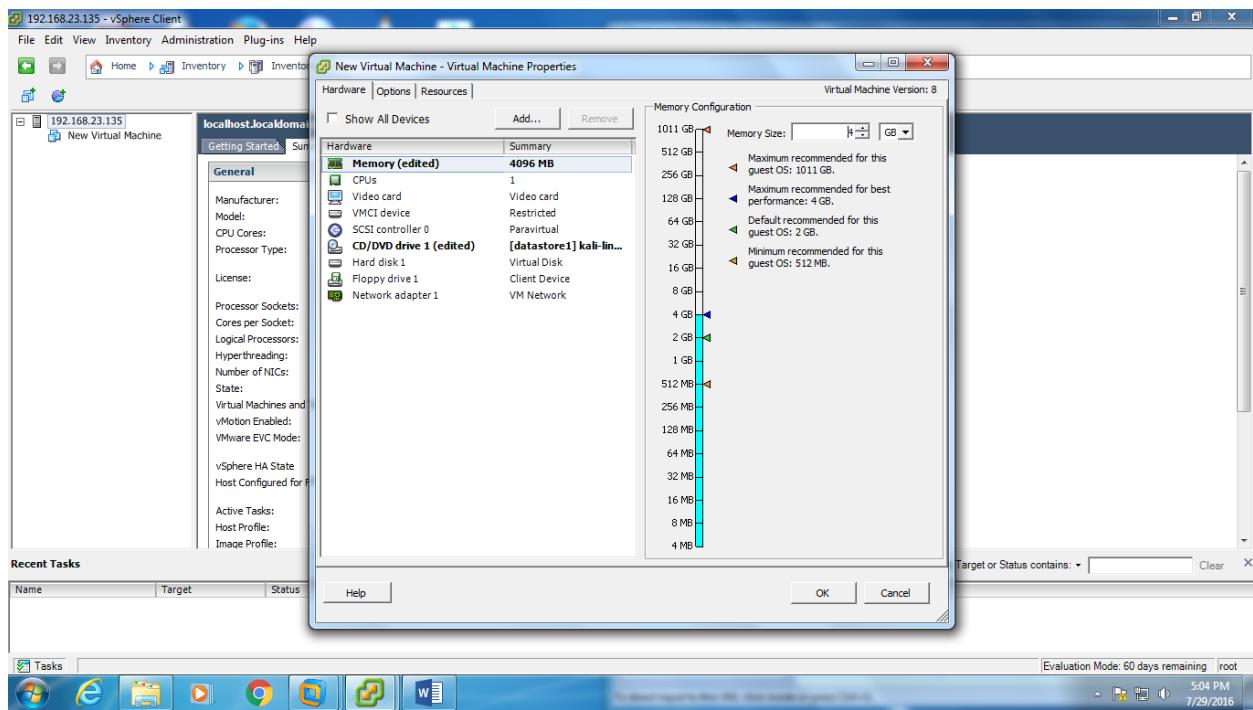


If the process is completed. The “Kali linux” file will appear right side of the table.









192.168.23.135 - vSphere Client

File Edit View Inventory Administration Plug-ins Help

Home Inventory Inventory

Power On Ctrl+B Power Off Ctrl+E Suspend Ctrl+Z Reset Ctrl+T Shut Down Guest Ctrl+D Restart Guest Ctrl+R

**Resources**

CPU usage: 368 MHz Capacity 2 x 3.192 GHz  
Memory usage: 1158.00 MB Capacity 4095.49 MB

Storage Drive Type Capacity datastore Non-SSD 32.50 GB 2t

Network Type VM Network Standard port group

**Fault Tolerance**

Fault Tolerance Version: 5.0.0-5.0.0-5.0.0 Refresh Virtual Machine Counts

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
Reconfigure virtual ma...	New Virtual M...	Completed		root	7/29/2016 5:07:03 PM	7/29/2016 5:07:03 PM	7/29/2016 5:07:04 PM

Evaluation Mode: 60 days remaining root

Tasks

5:07 PM 7/29/2016

192.168.23.135 - vSphere Client

File Edit View Inventory Administration Plug-ins Help

Home Inventory Inventory

New Virtual Machine

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 3.192 GHz  
Processor Type: Intel(R) Core(TM) i3 CPU 550 @ 3.20GHz  
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: N/A Host Configured for FT: N/A

Active Tasks: Host Profile: N/A Image Profile: ESXi-5.5.0-20140902001-st...

**Resources**

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Memory usage: 1188.00 MB Capacity 4095.49 MB

Storage Drive Type Capacity datastore Non-SSD 32.50 GB 2t

Network Type VM Network Standard port group

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Reconfigure virtual ma...	New Virtual M...	Completed		root	7/29/2016 5:07:03 PM	7/29/2016 5:07:03 PM	7/29/2016 5:07:04 PM

Evaluation Mode: 60 days remaining root

Tasks

5:07 PM 7/29/2016

