



SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

Enterprise Standards and Best Practices for IT Infrastructure

4th Year 2nd Semester 2016

Name: THAMARA NIRANJA ATHAUDA

SLIIT ID: IT13136352

Group Number:

Practical Session: WD

Practical Number : Lab 4

Date of Submission: 2016-08-16

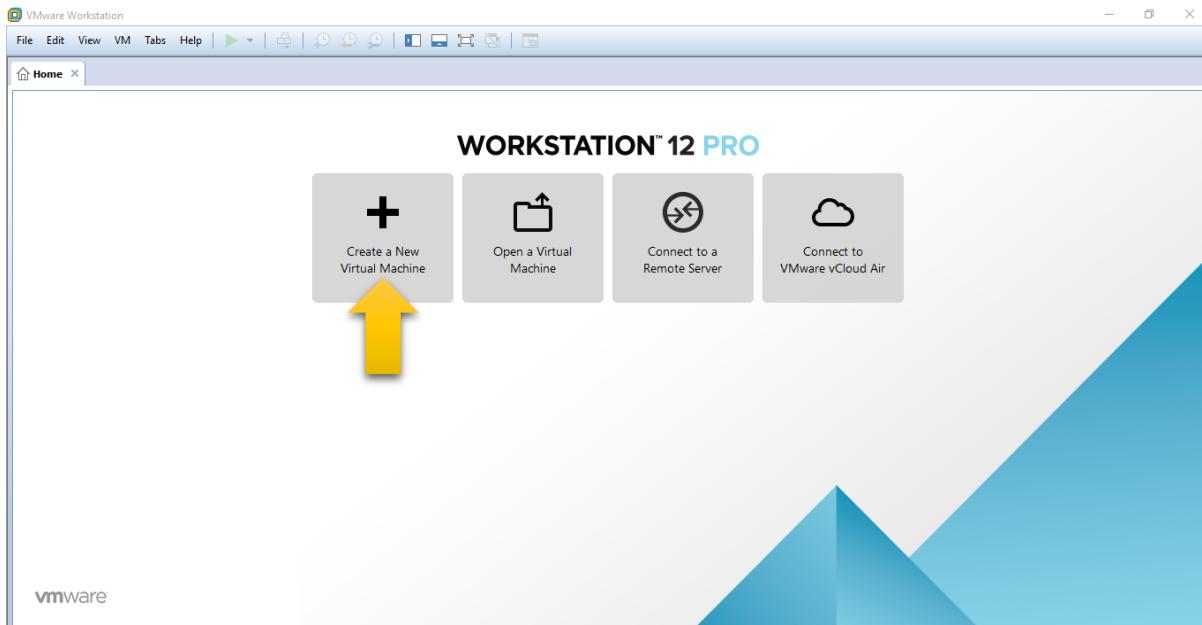
Date of Evaluation : _____

Evaluators : _____

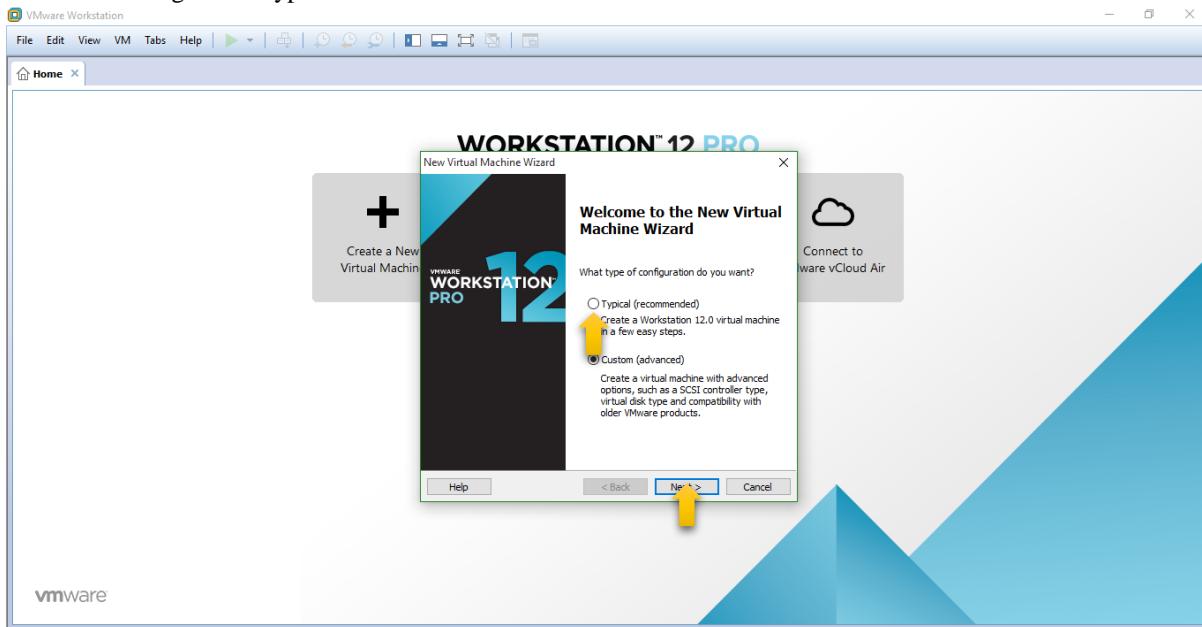
Baremetal Virtual machine Installation

- **Beremetal Installation process**

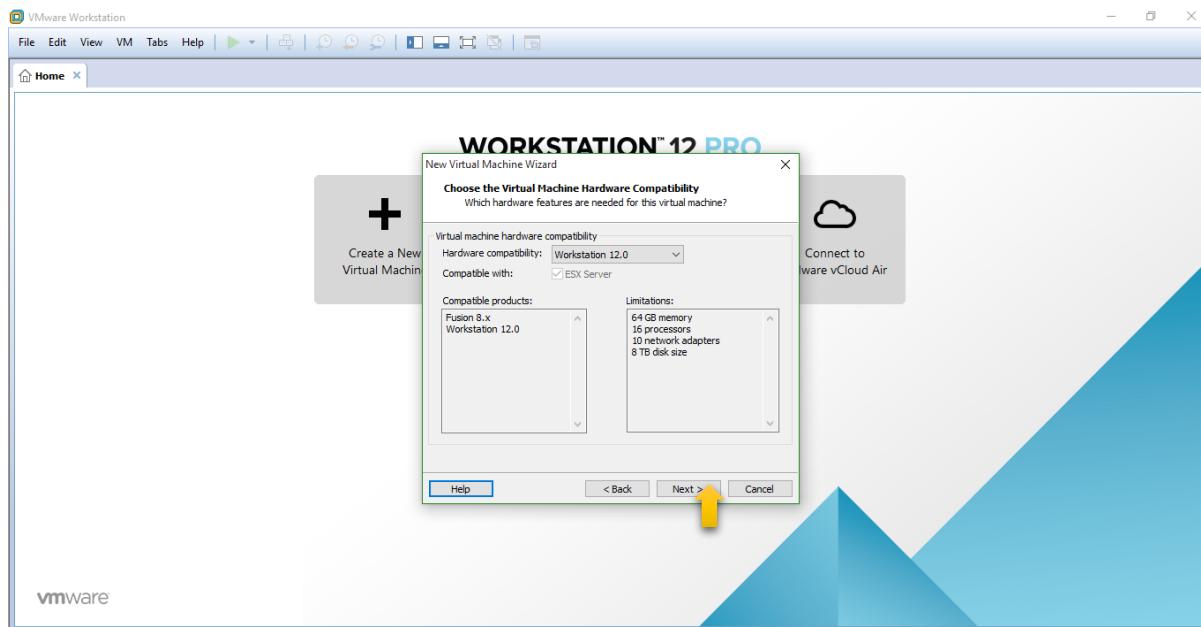
Open VMWare(To create the server)



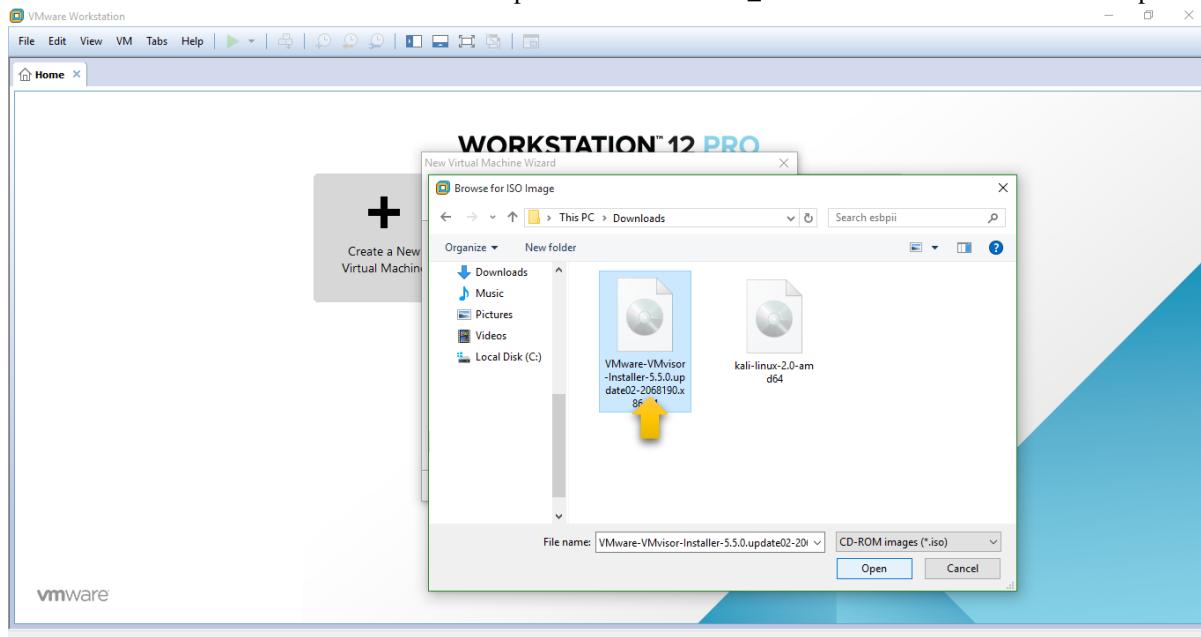
Select the configuration type as custom and select next.

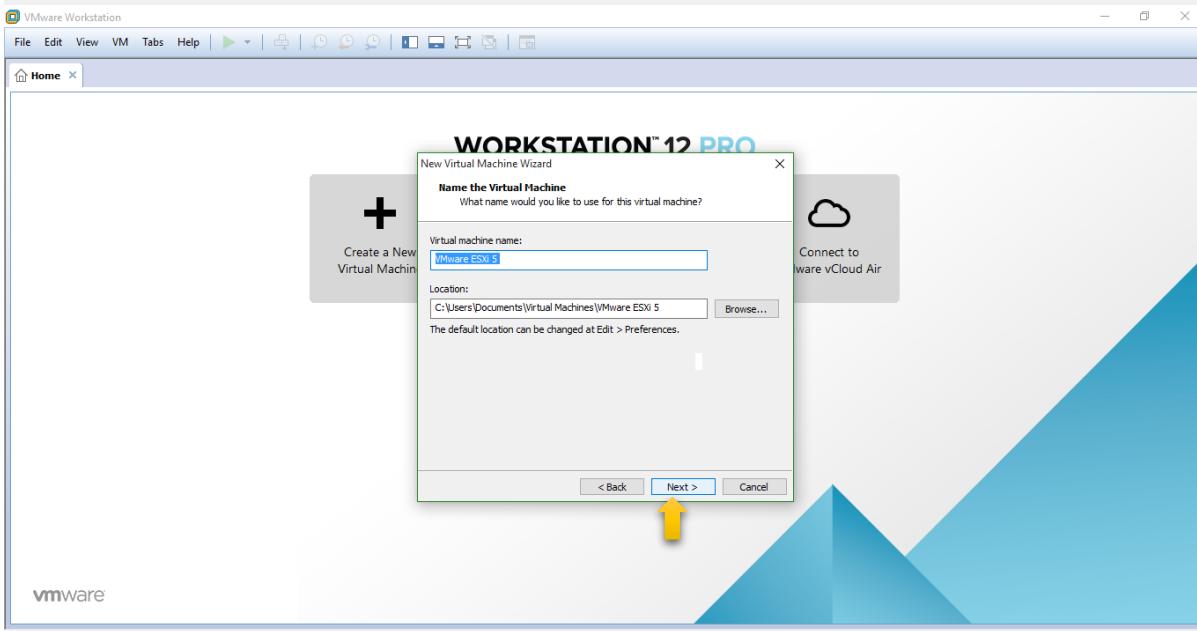
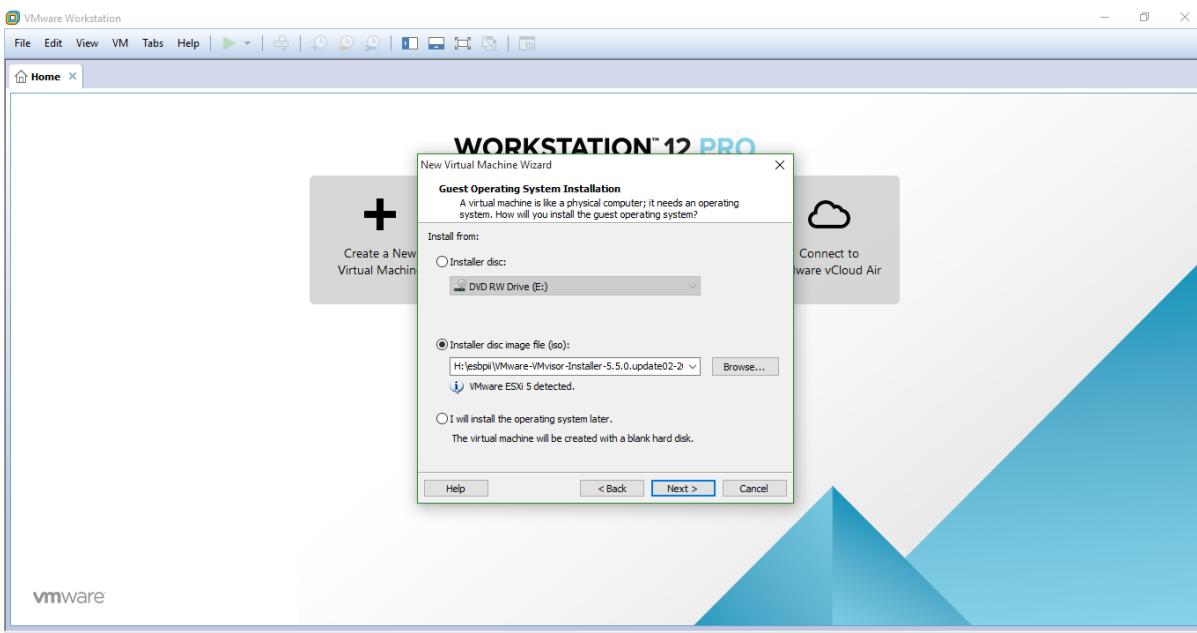


Choose the virtual machine compatibility as the figure and click next

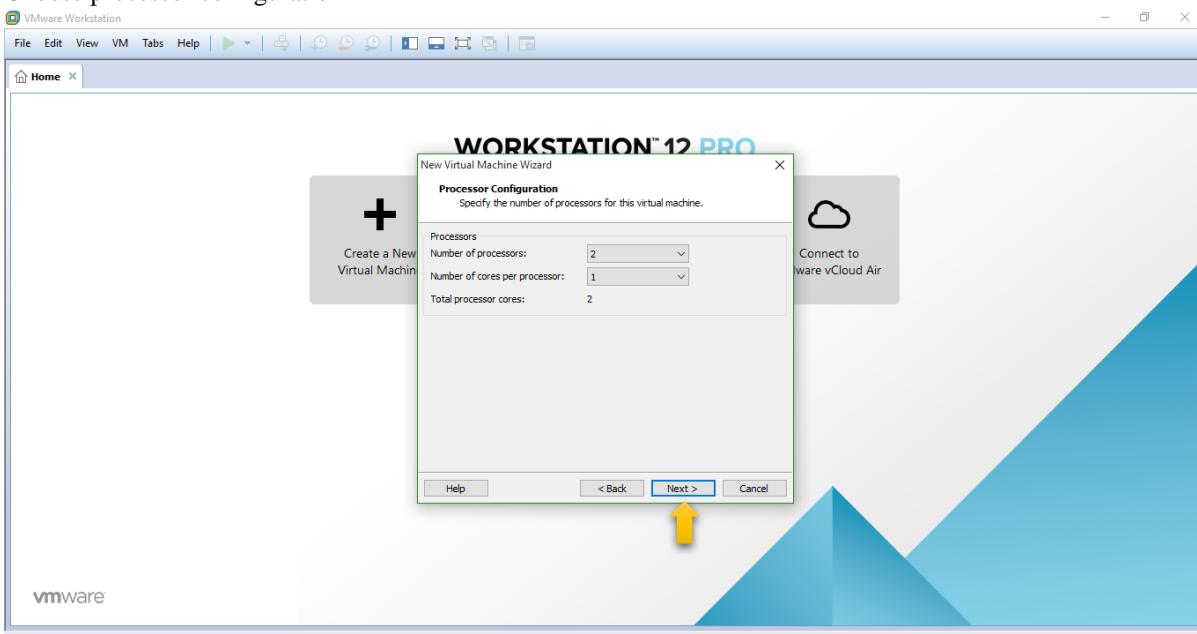


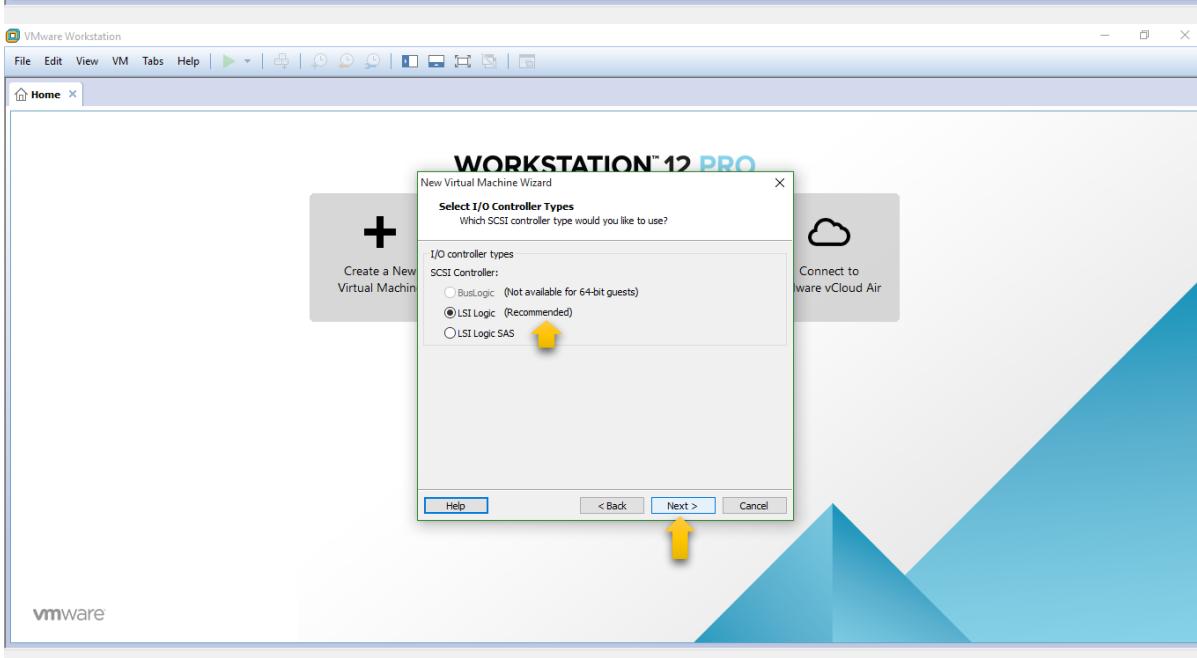
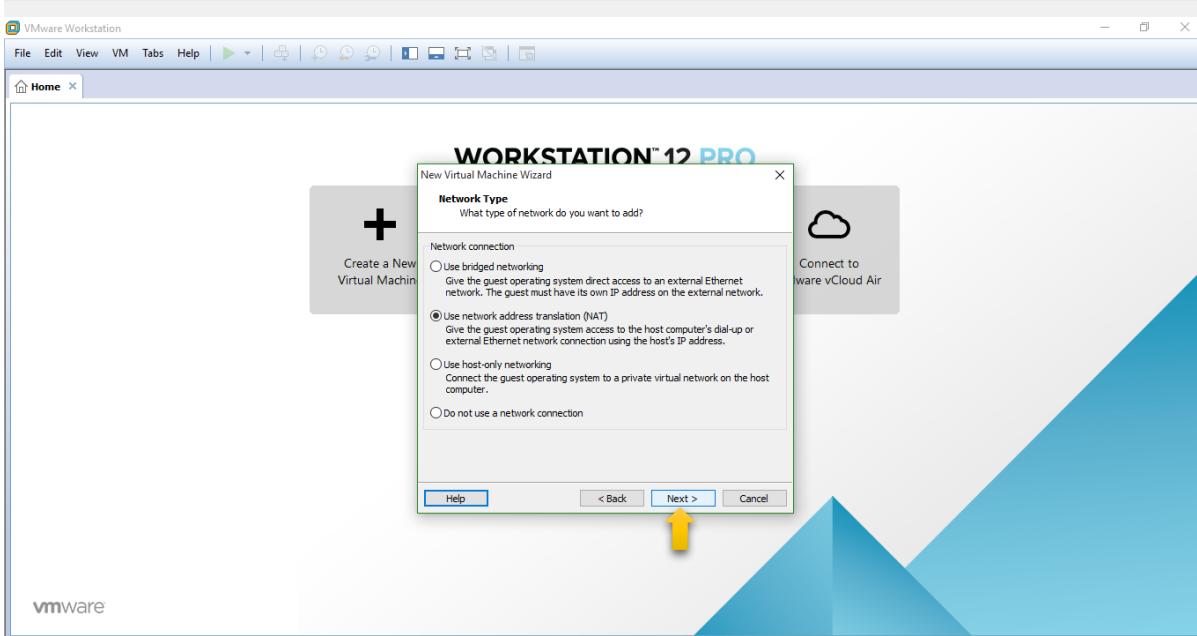
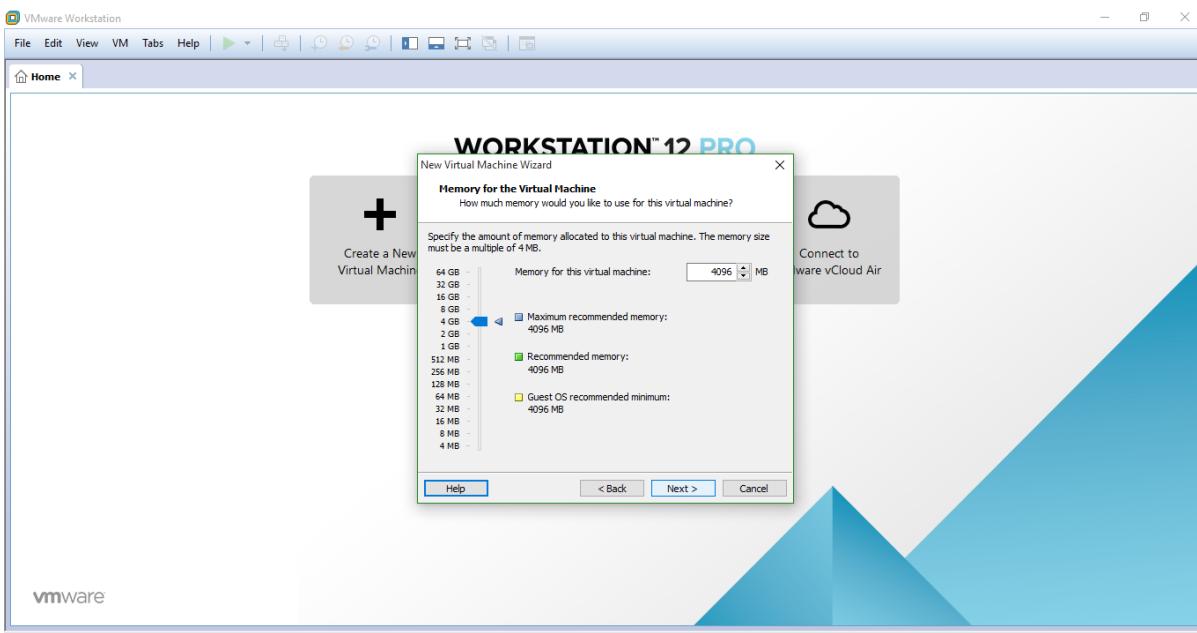
Browse the VMware-VMvisor-Installer-5.5.0.update02-2068190.x86_64 from the machine and click on open

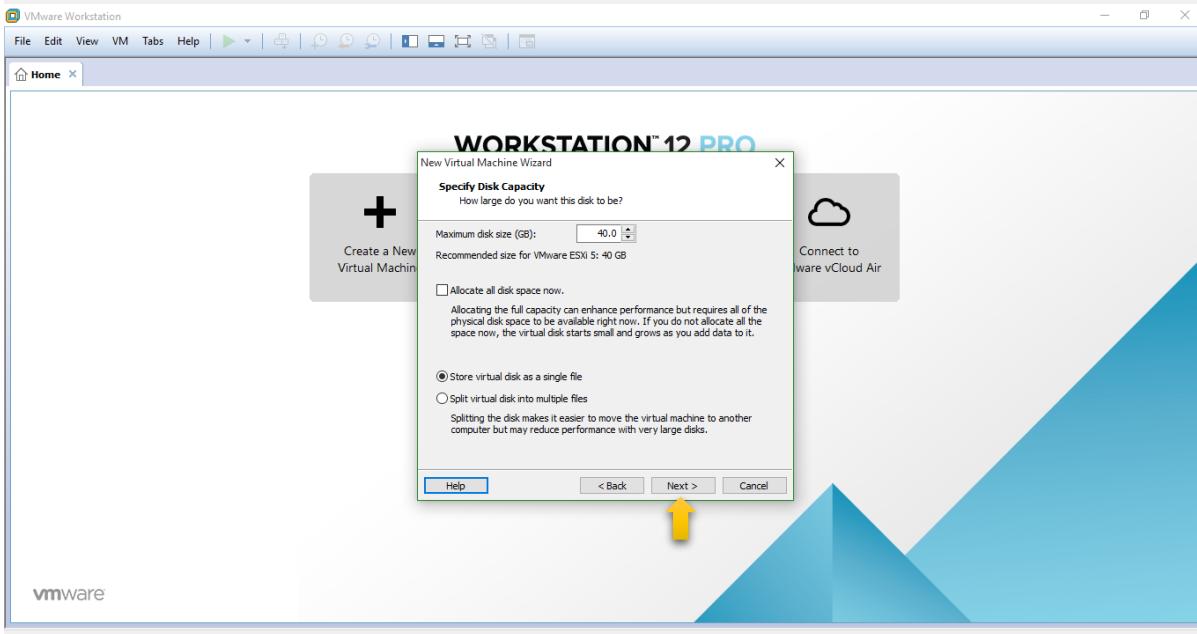
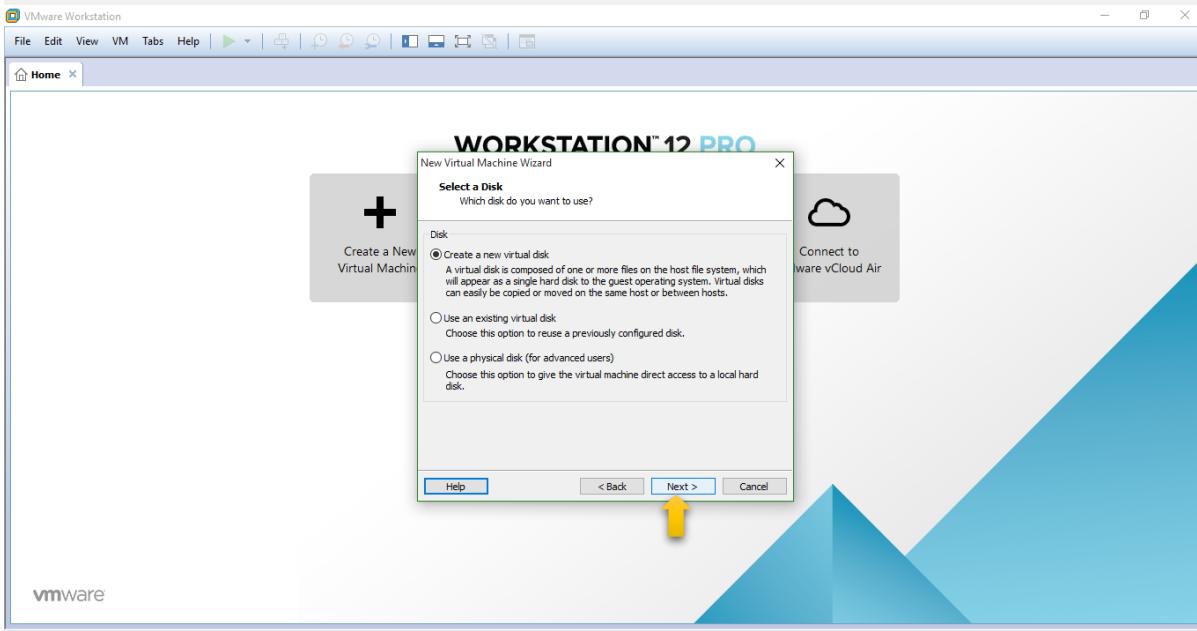
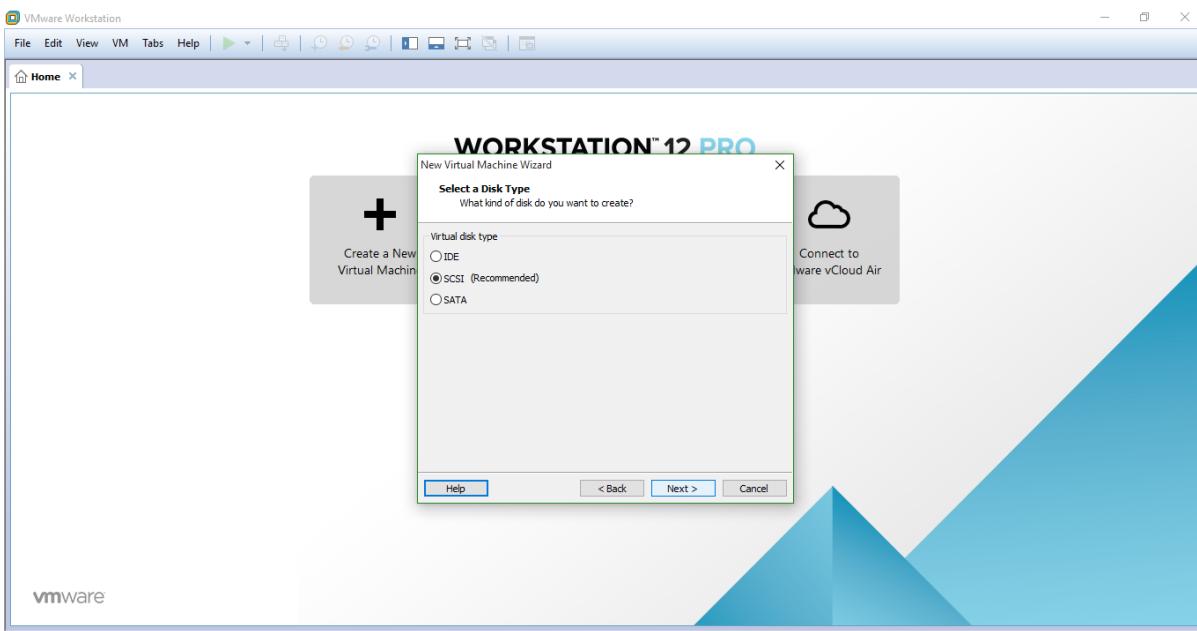


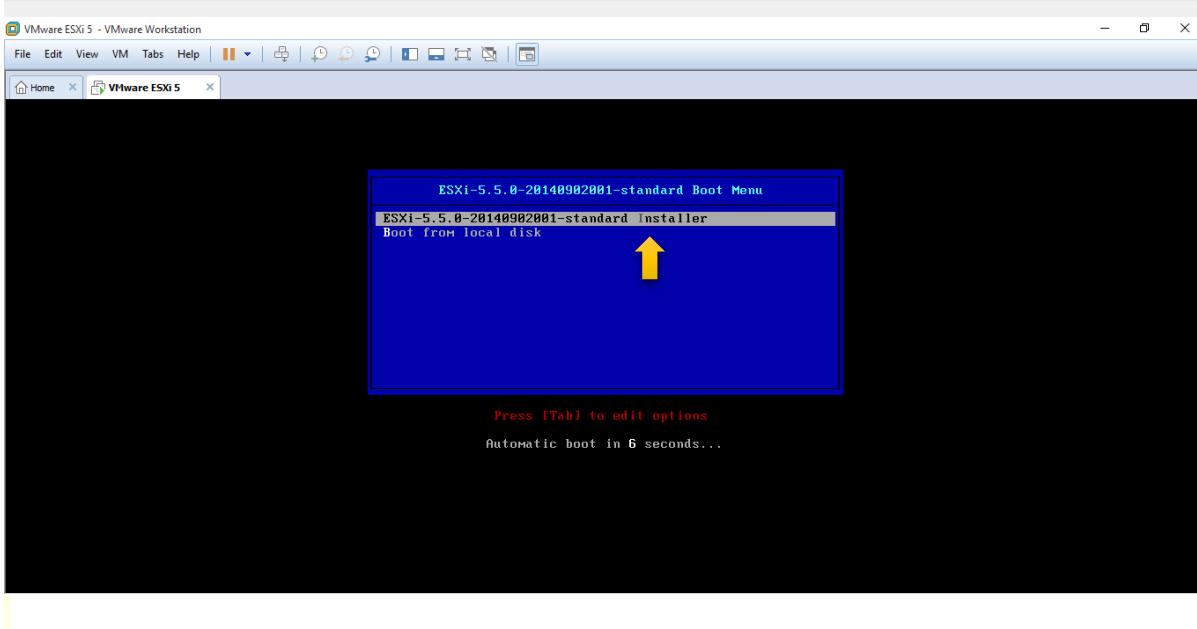
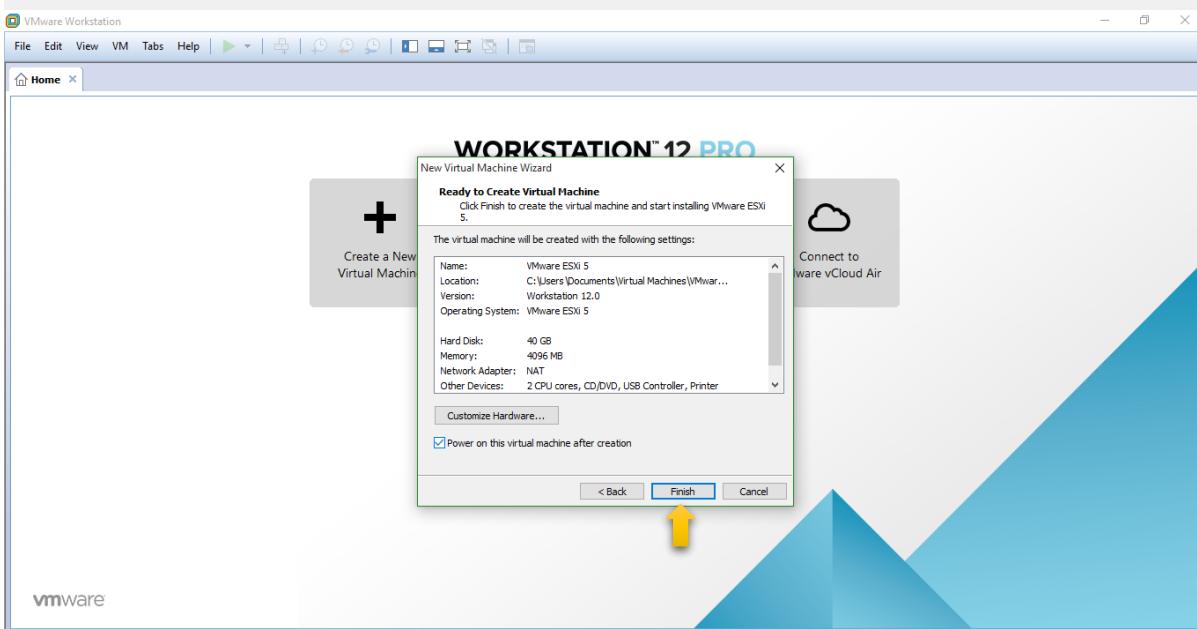
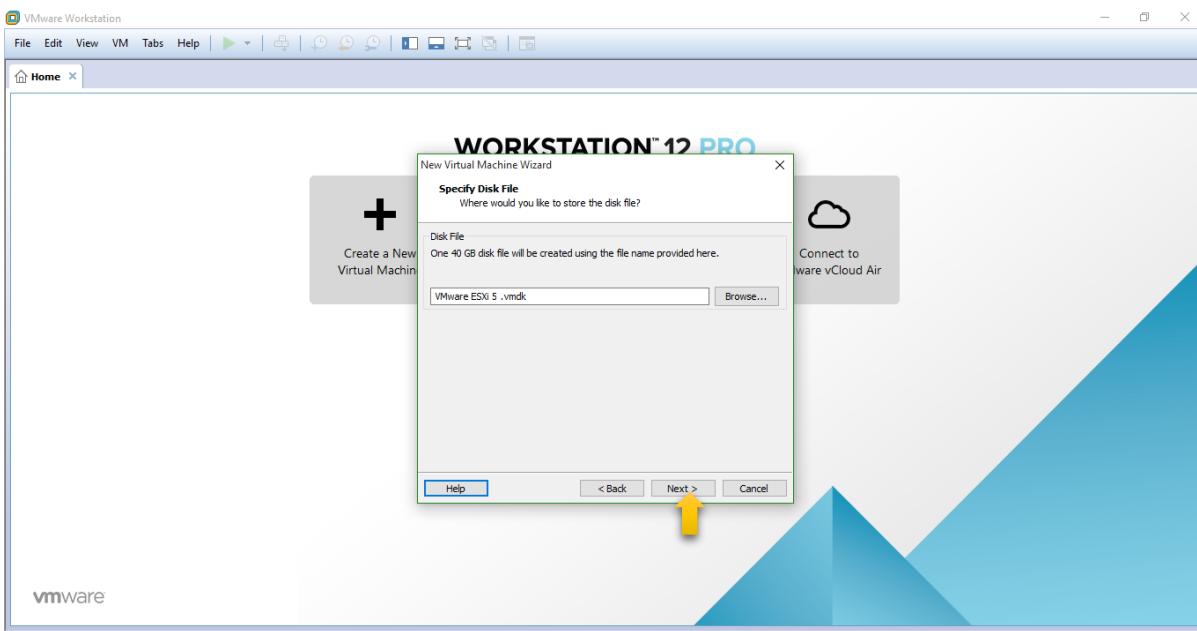


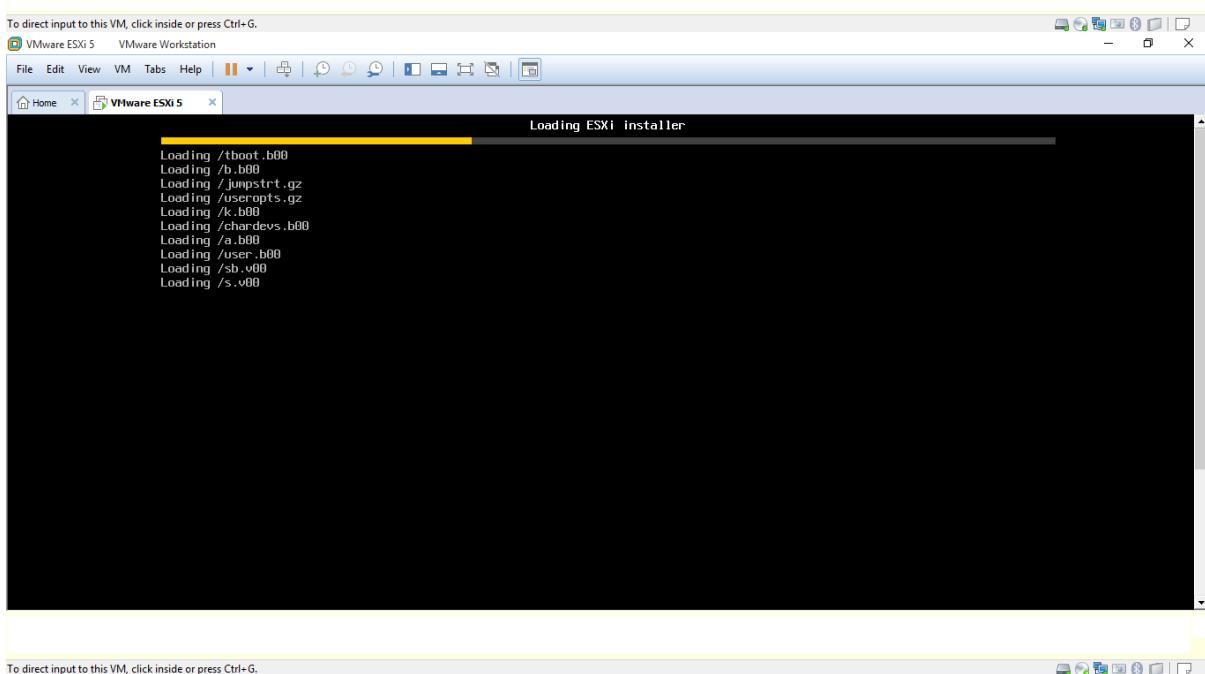
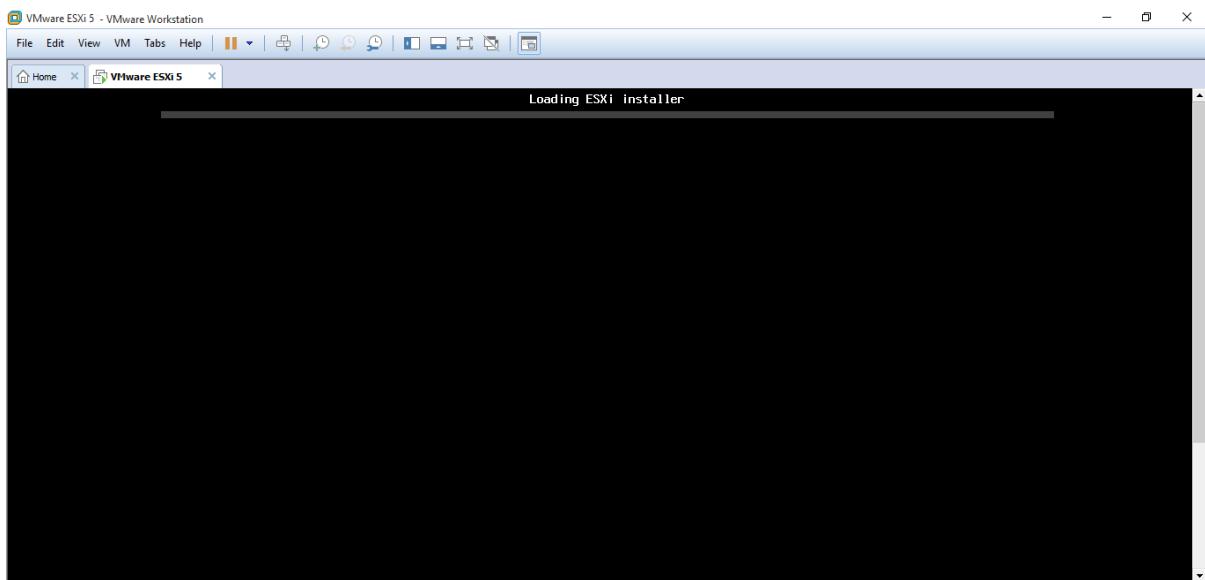
Choose processor configuration

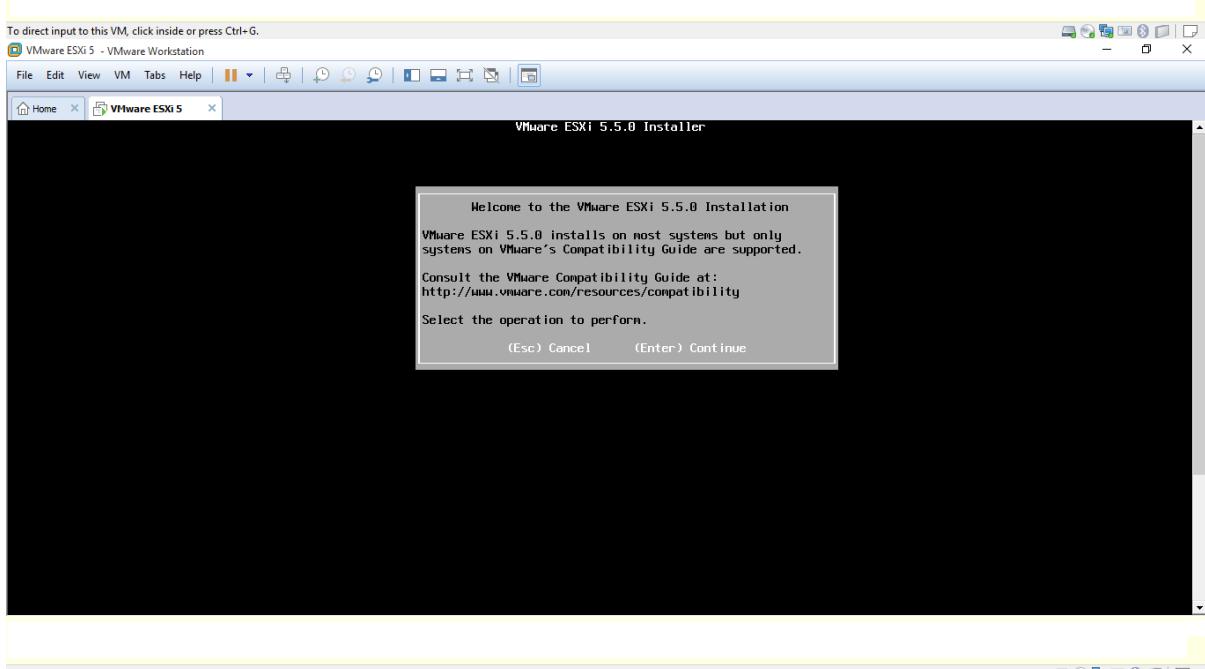
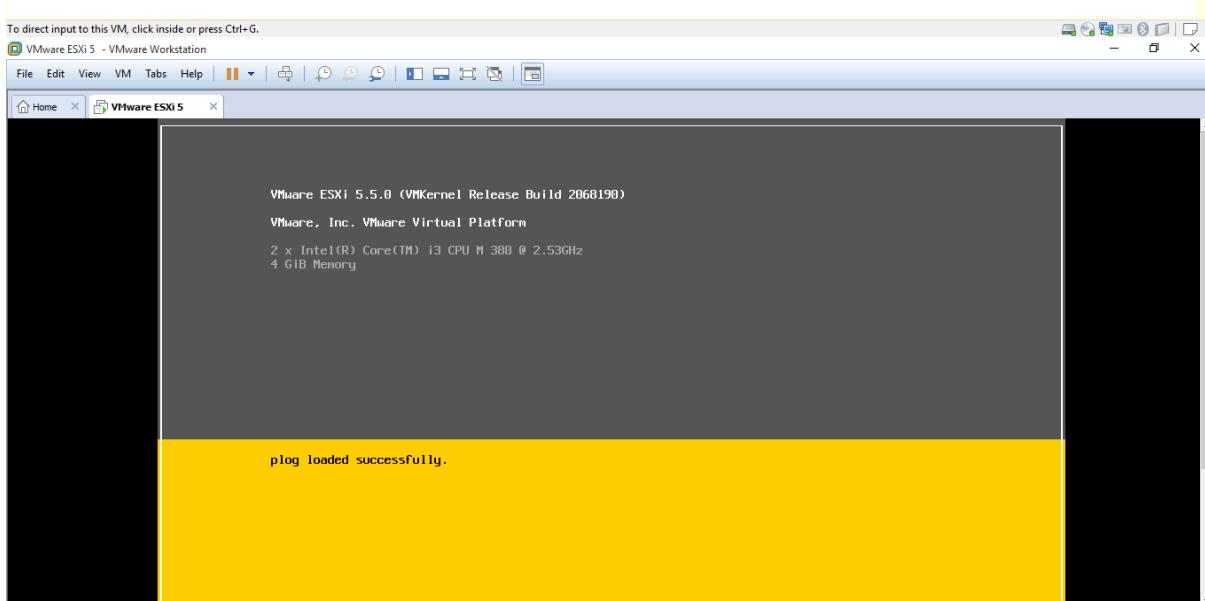
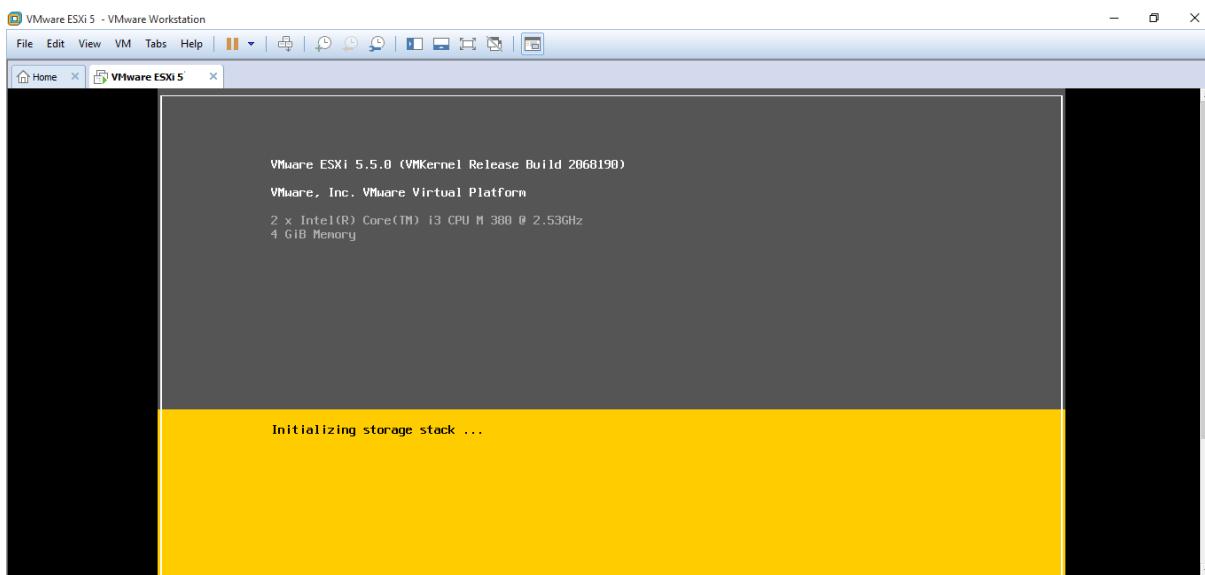


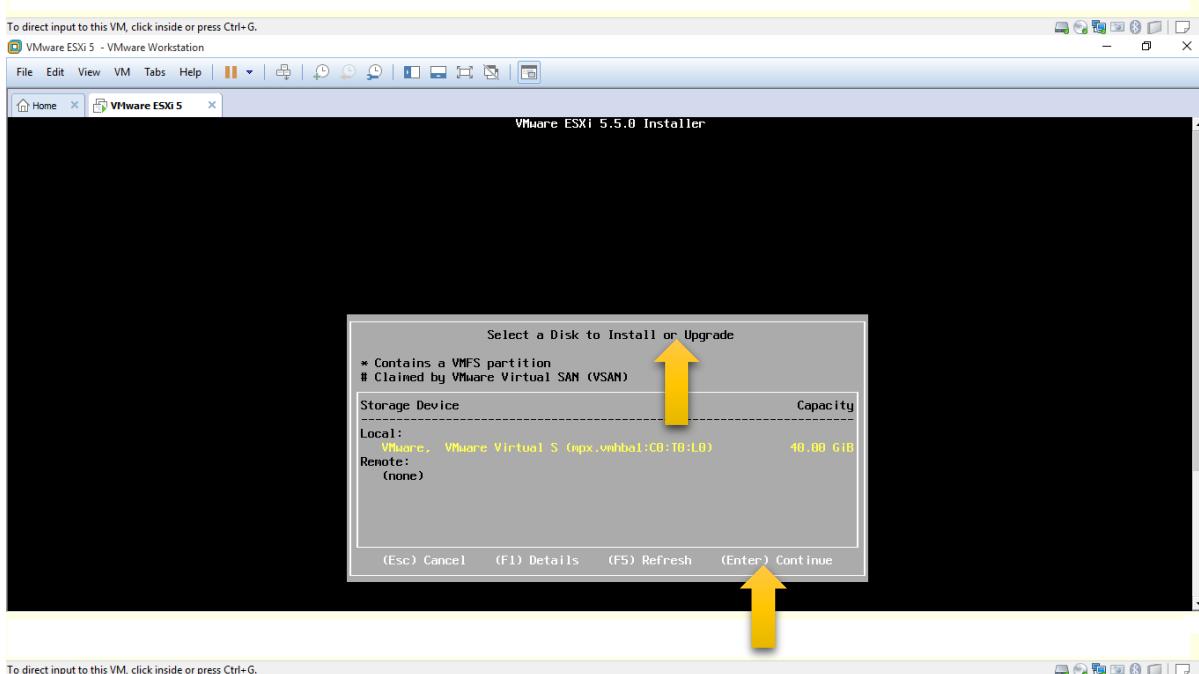
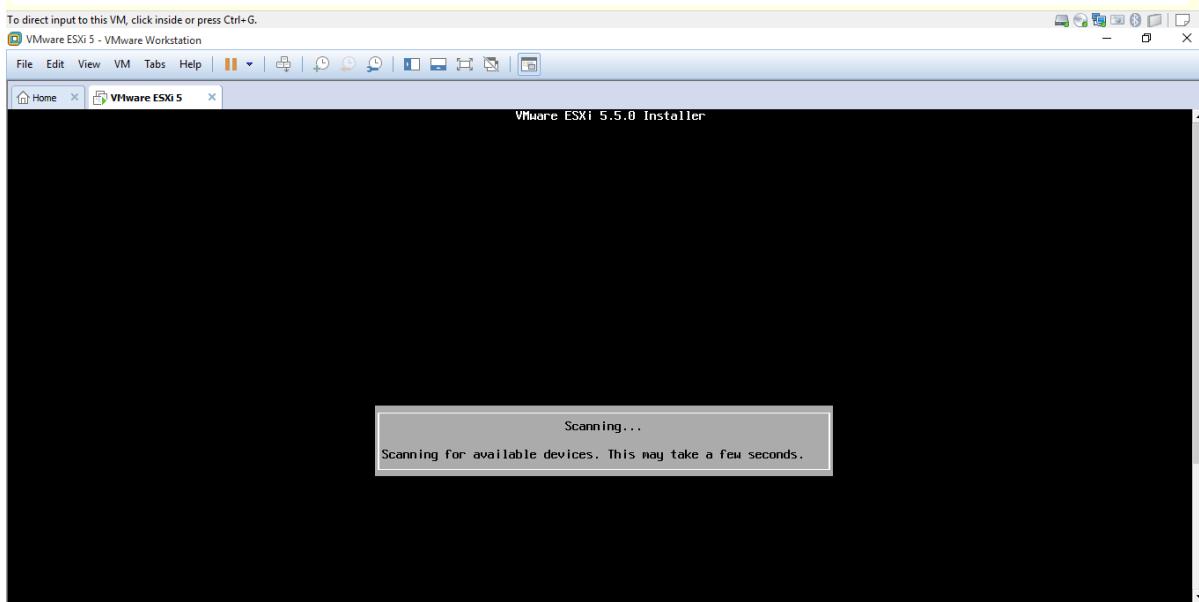
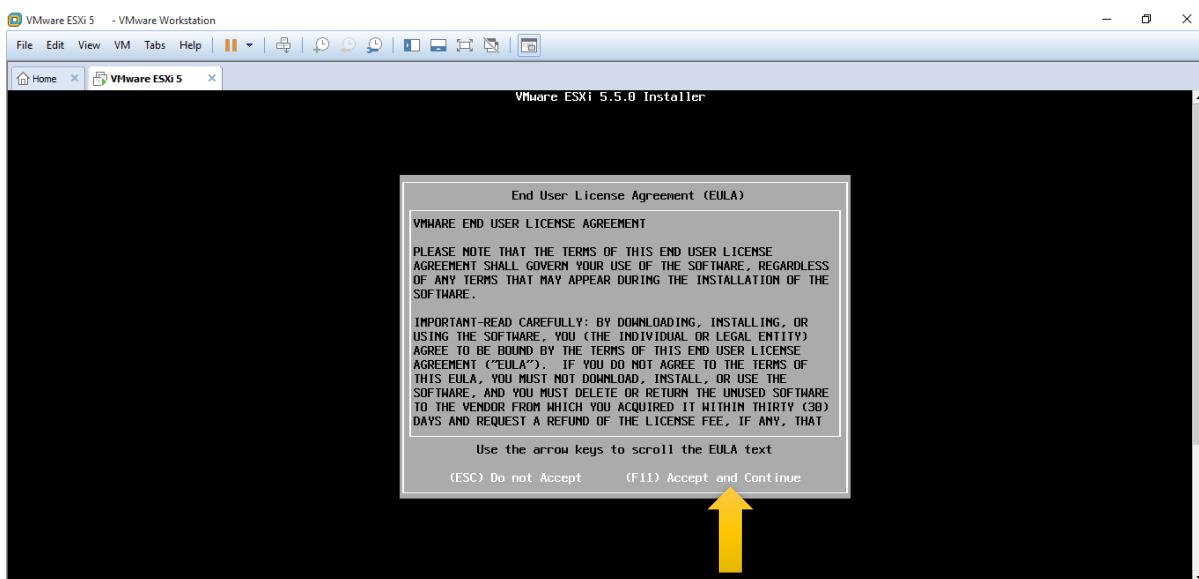


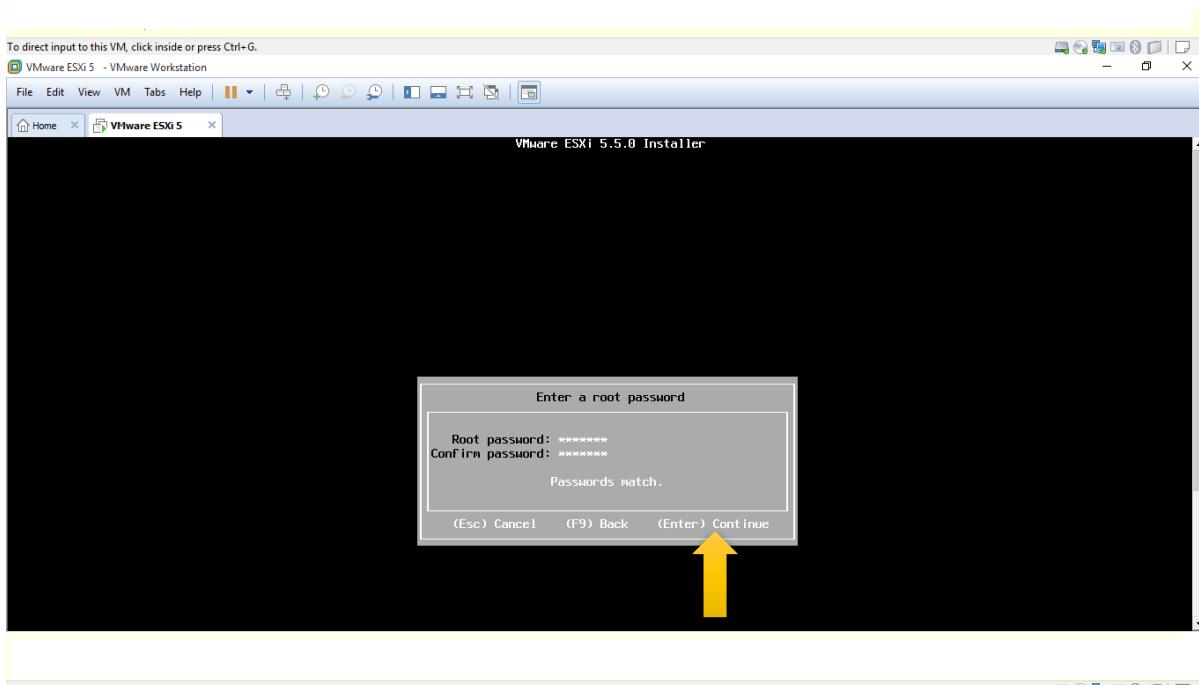
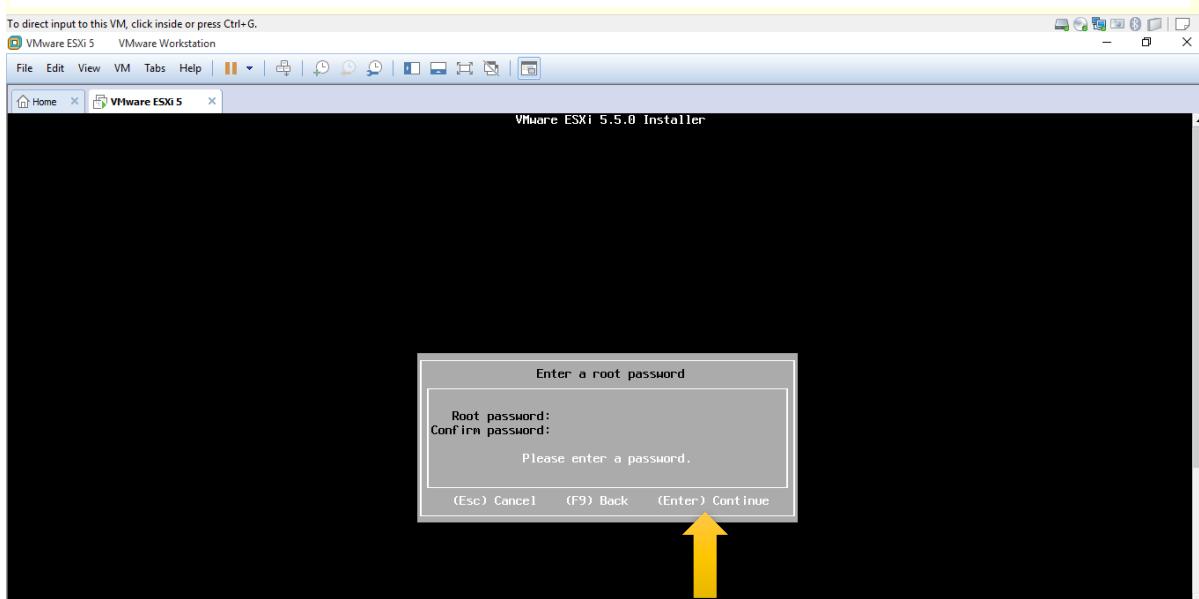
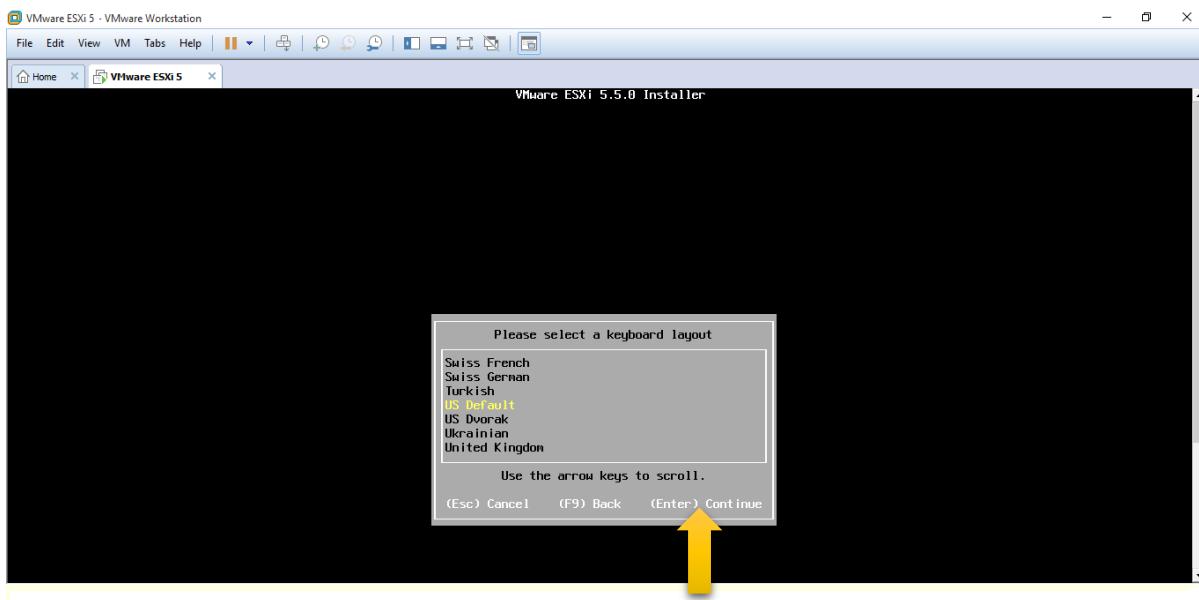


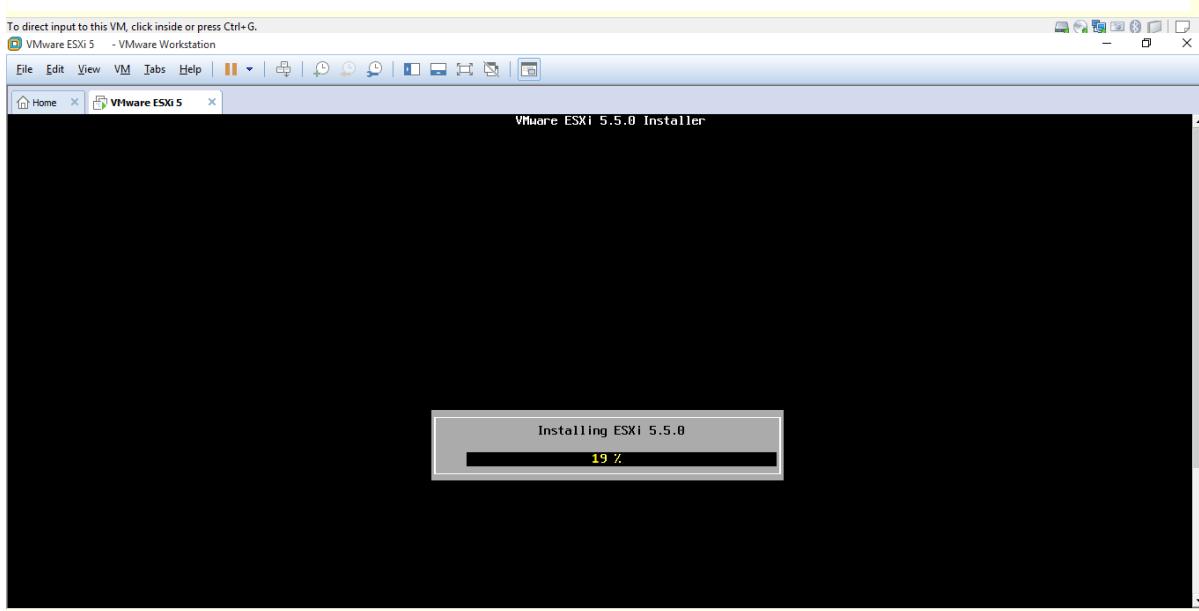
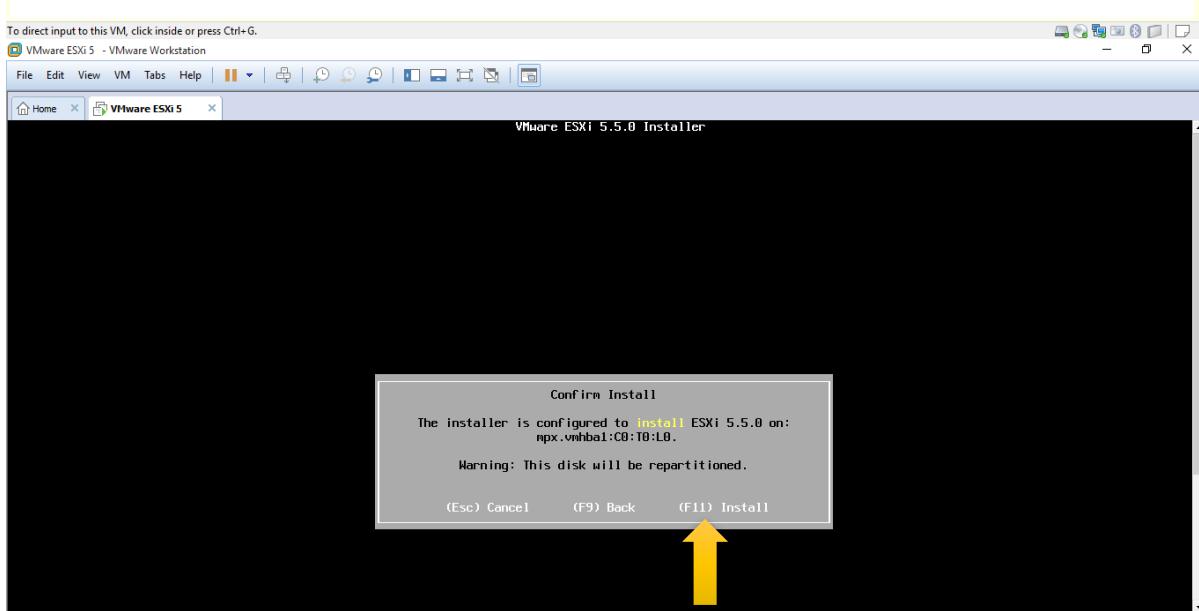
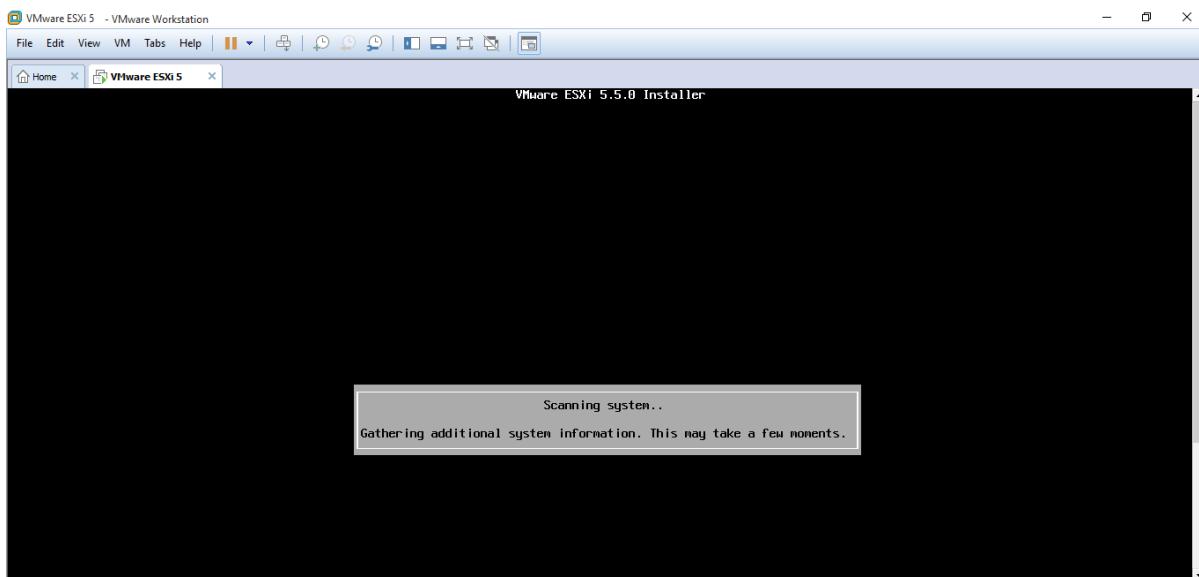




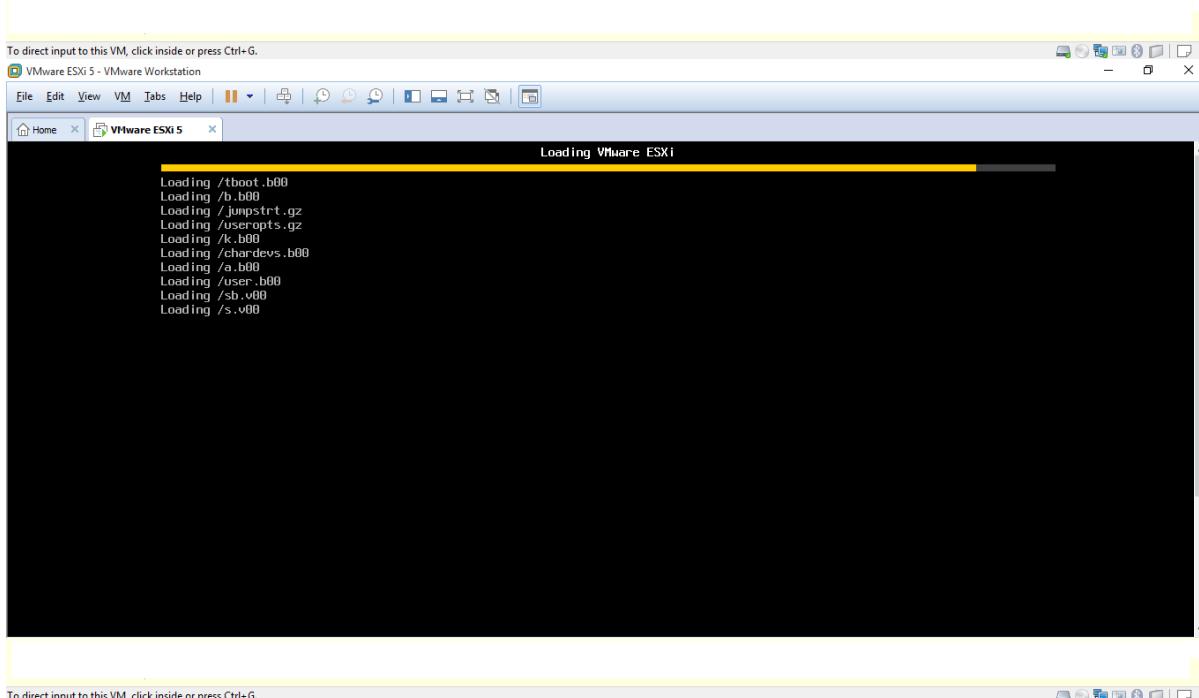
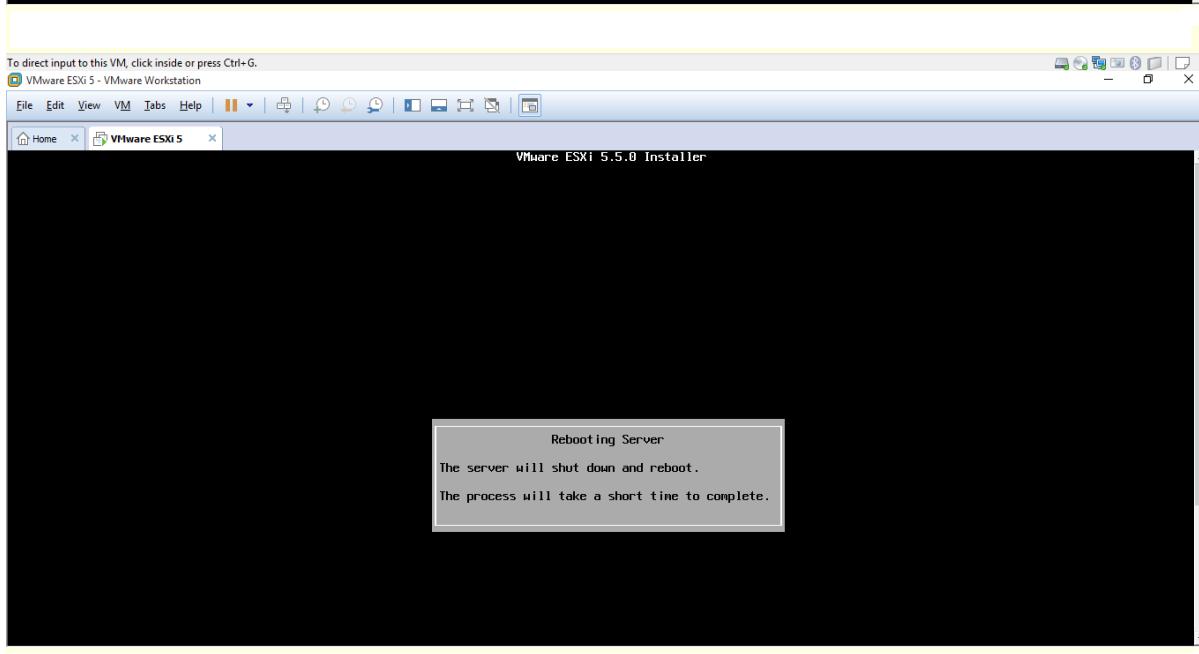
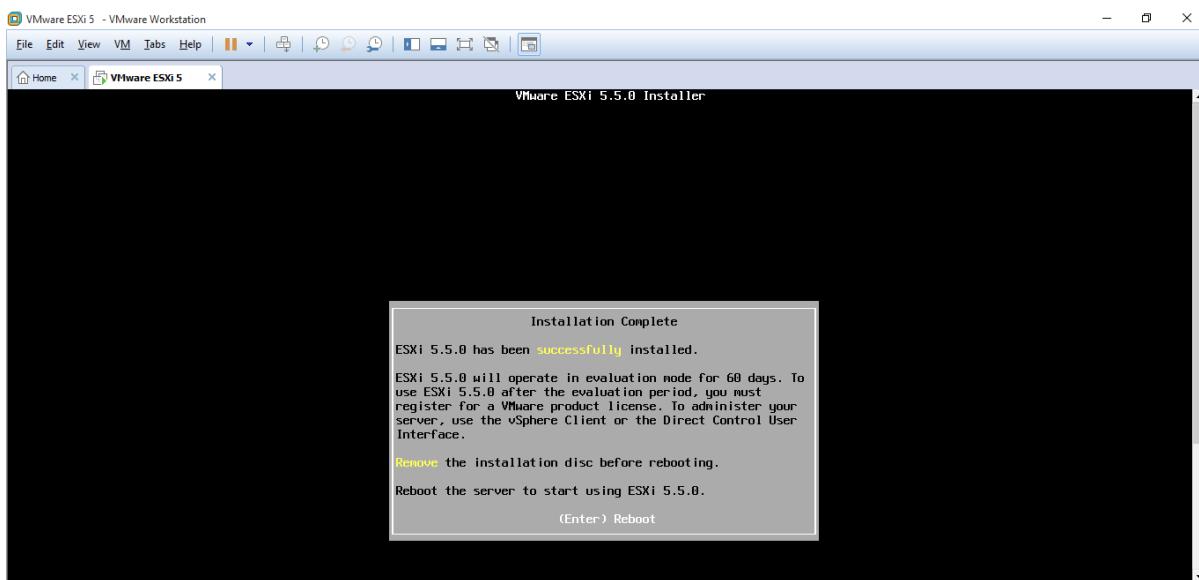


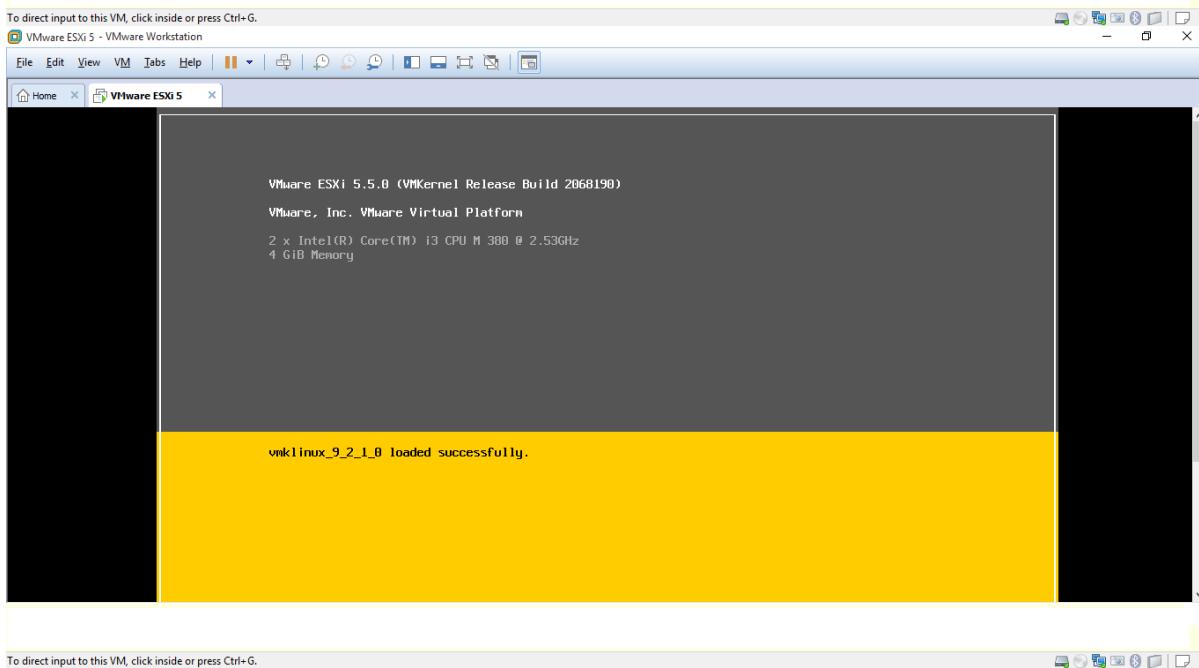
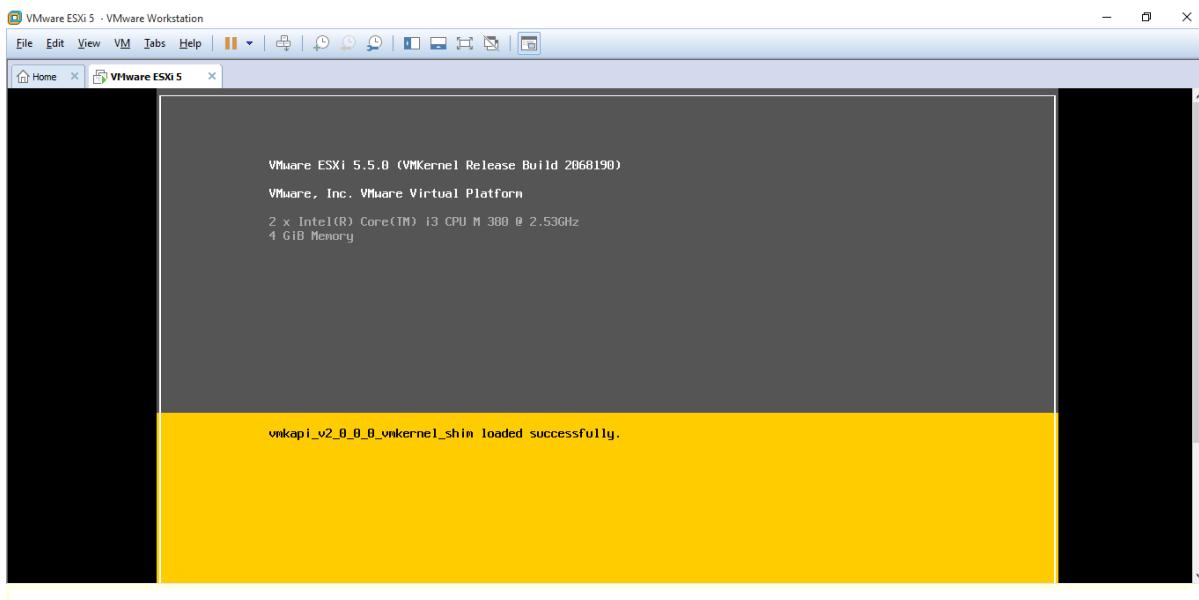




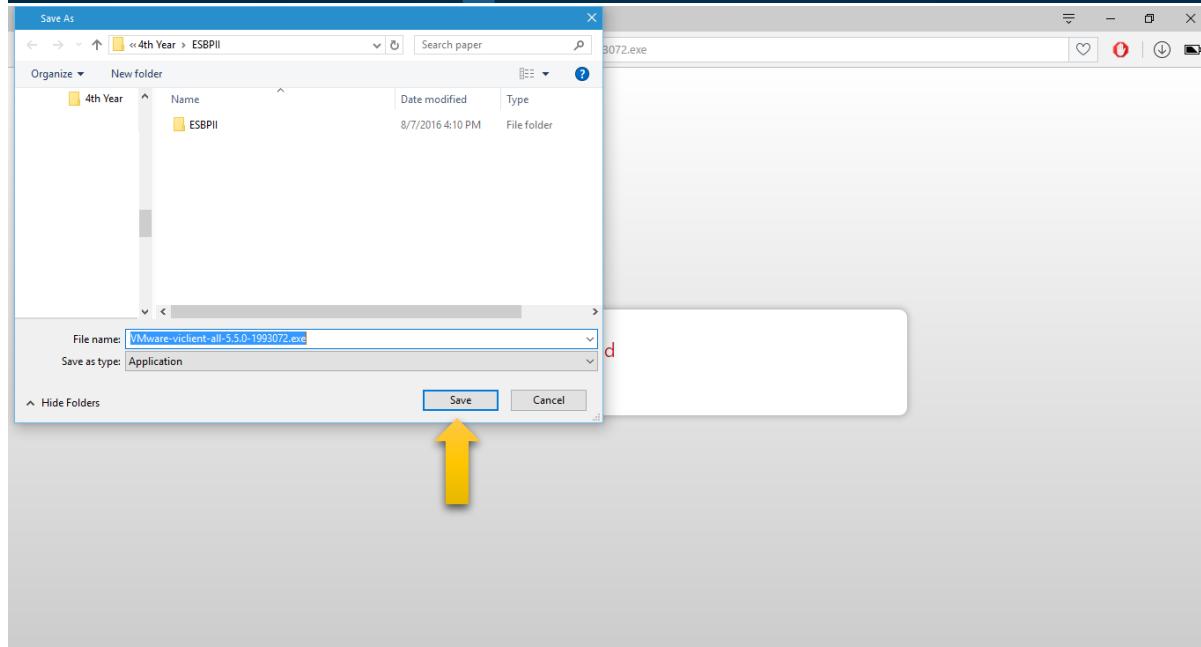
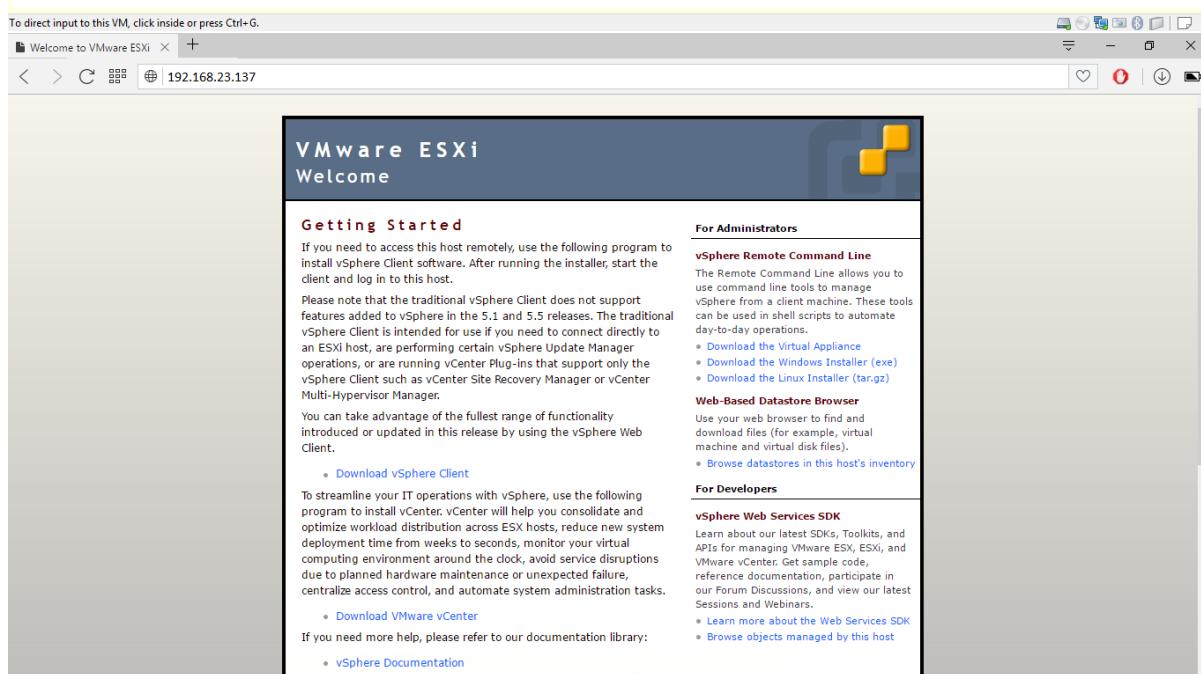
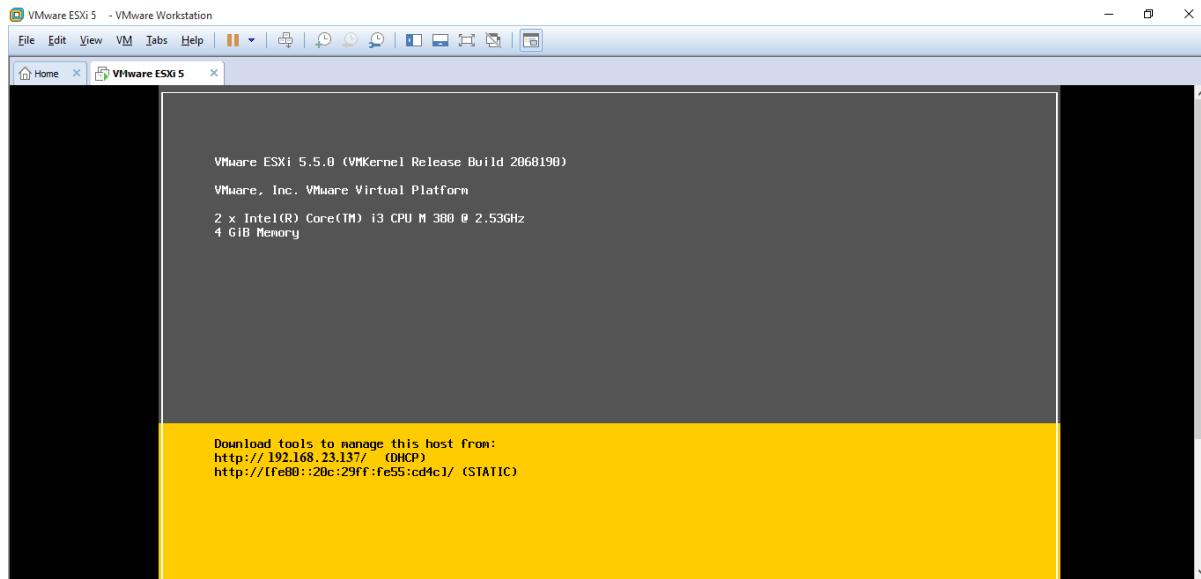


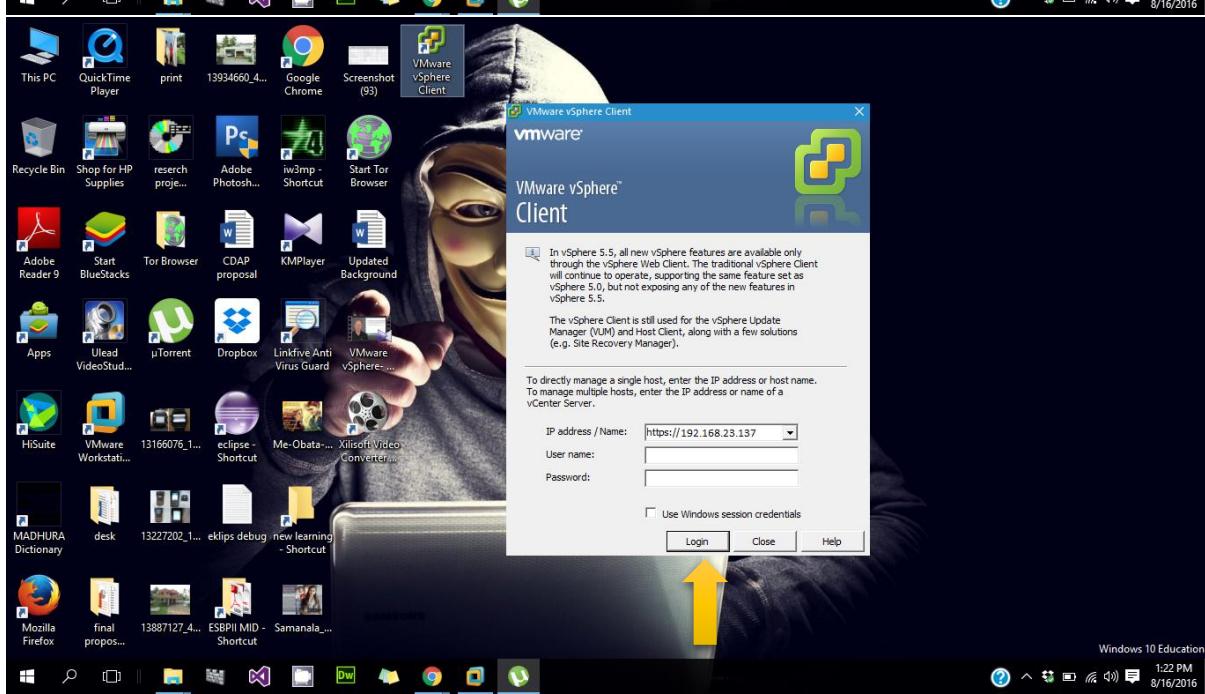
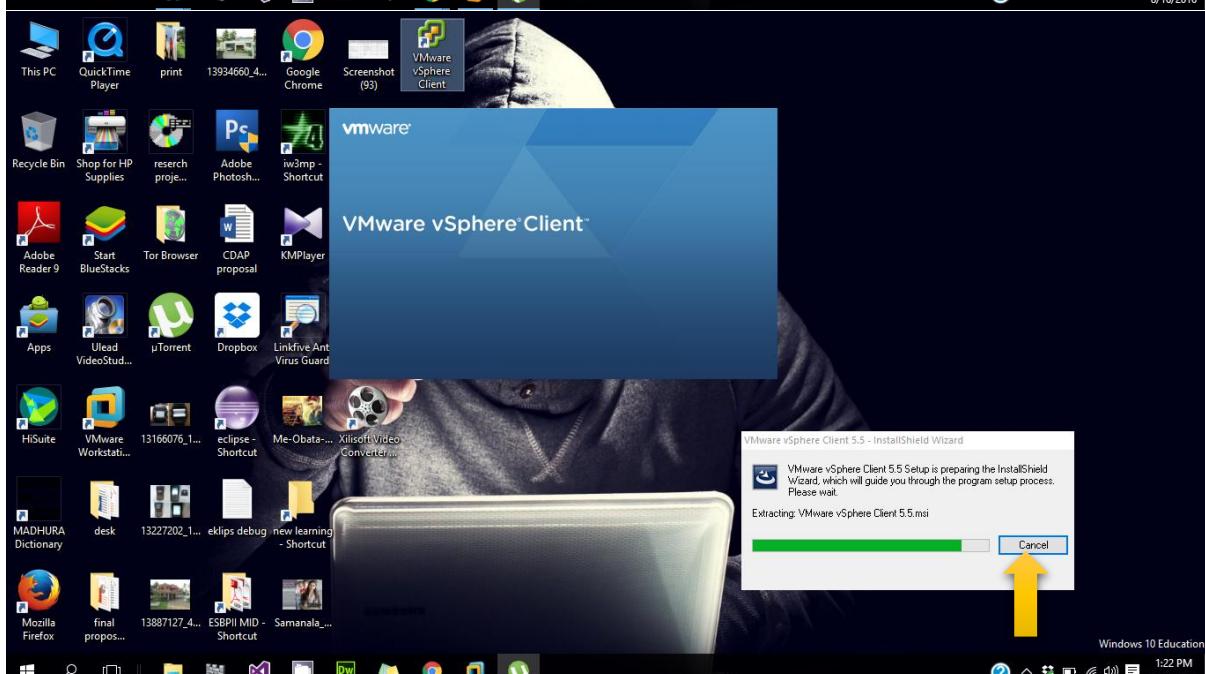
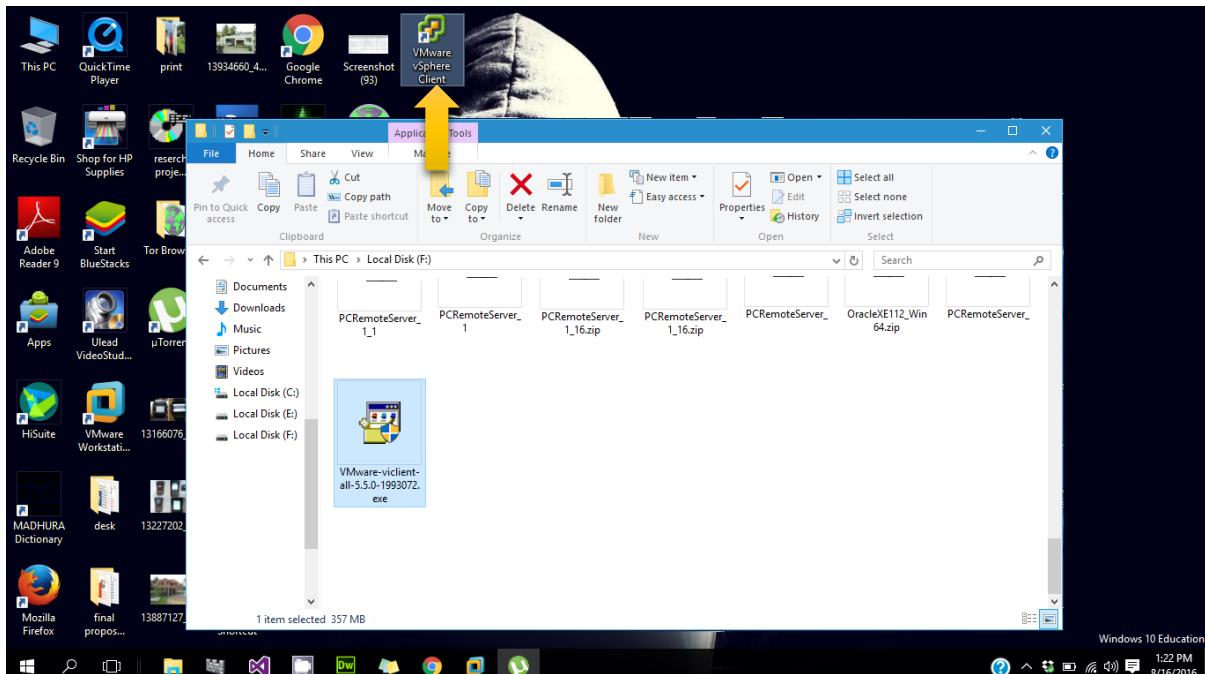
After ESXi 5.5.0 successfully installed have to reboot .for that press enter

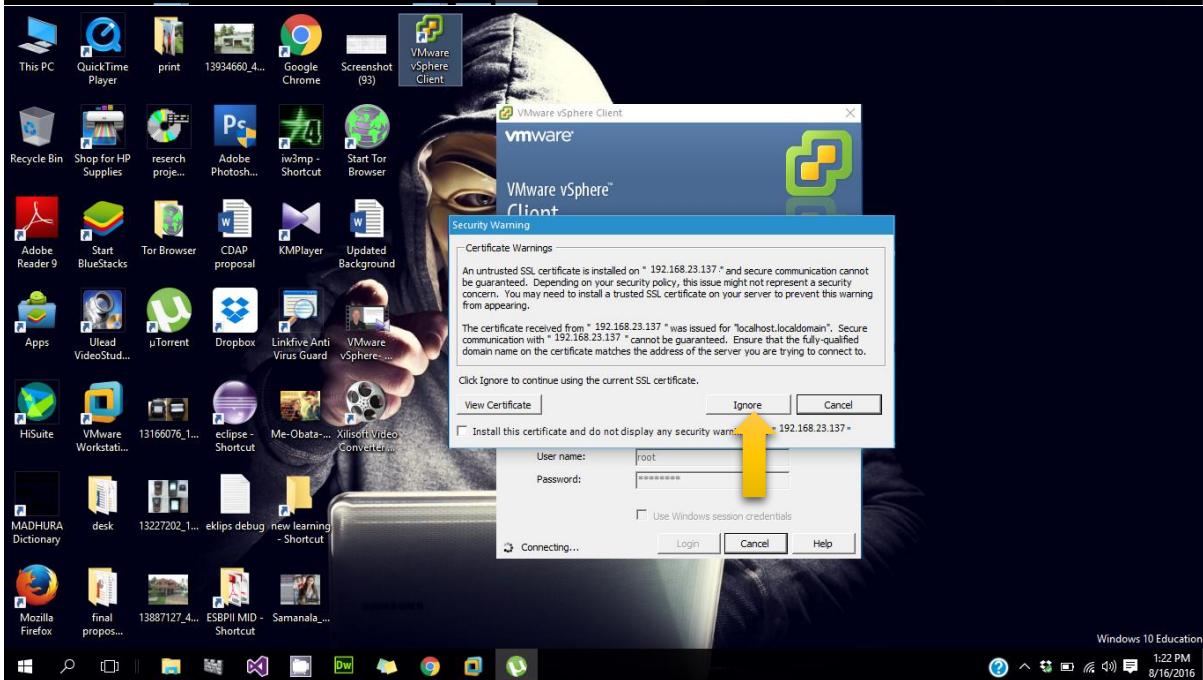
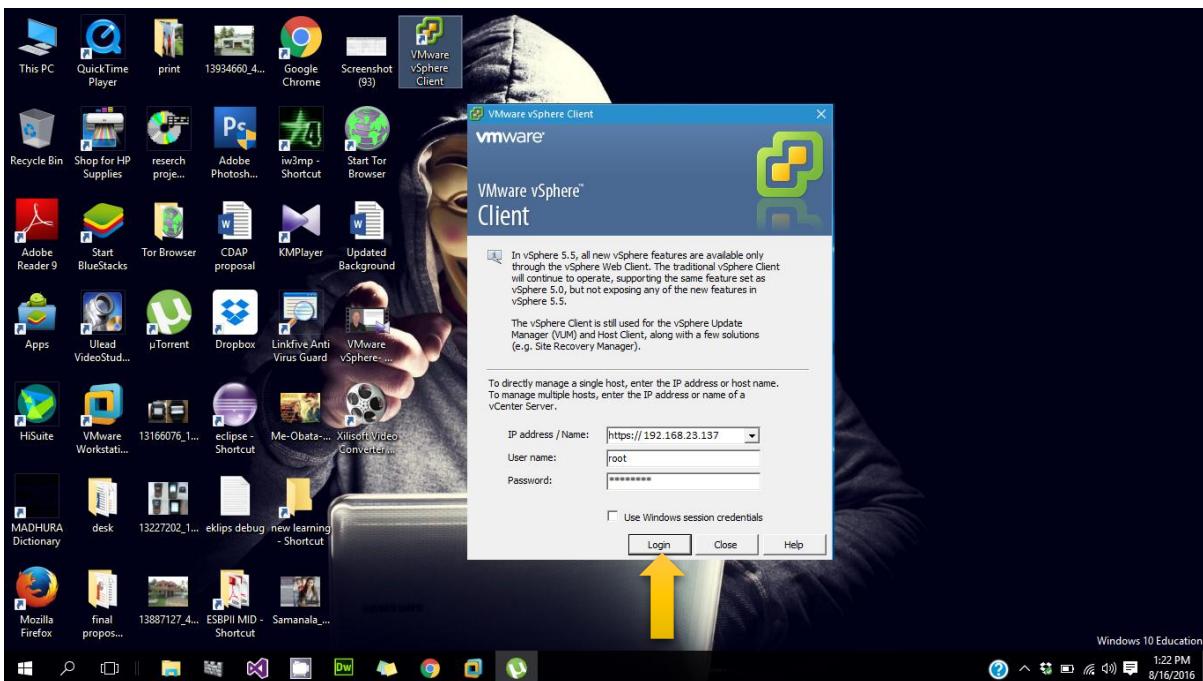




After loaded successfully you'll get the IP address







This screenshot shows the VMware vSphere Client interface after successful login. The main window title is "localhost.localdomain VMware ESXi, 5.5.0, 2068190 | Evaluation (60 days remaining)". The left sidebar shows "Virtual Machines" and "Host". The main content area displays the "What is a Host?" section, which defines a host as a computer using virtualization software to run virtual machines. It also shows a diagram of a "Host" server with multiple "Virtual Machines" stacked on top of it, connected to a "vSphere Client" computer below. The "Basic Tasks" section includes links to "Deploy from VA Marketplace" and "Create a new virtual machine". A "Recent Tasks" table at the bottom lists a single task: "Auto power On" completed by "root" on "192.168.23.137" at 8/14/2016 7:31:16 AM. The status bar at the bottom right indicates "Evaluation Mode: 60 days remaining" and "root".

vSphere Client

File Edit View Inventory Administration Plug-ins Help

Home

Inventory

Inventory

Administration

Roles System Logs

Recent Tasks

Name	Target	Status	Details	Initiated by	Requested Start Time	Start Time	Completed Time
Auto power On	192.168.23.1...	Completed		root	8/14/2016 7:31:16 AM	8/14/2016 7:31:16 AM	8/14/2016 7:31:16 AM

Tasks

Evaluation Mode: 60 days remaining root

192.168.23.137 - vSphere Client

File Edit View Inventory Administration Plug-ins Help

Home Inventory Inventory

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

New Virtual Machine... Ctrl+N
New Resource Pool... Ctrl+O
Enter Maintenance Mode
Rescan for Datastores...
Add Permission... Ctrl+P
Shut Down
Reboot
Report Summary...
Report Performance...
Open in New Window... Ctrl+Alt+N

Virtual machines that use virtualization software, such as VMware ESXi, can run virtual machines. Hosts provide the resources that virtual machines use and manage access to storage and network.

Add a virtual machine to a host by creating a new virtual appliance. A virtual appliance is a pre-built virtual machine with an operating system and software already installed. A new virtual machine will need an operating system installed on it, such as Windows or Linux.

Basic Tasks

- Deploy from VA Marketplace
- Create a new virtual machine

Explore Further

Learn about vSphere

Recent Tasks

Name	Target	Status	Details	Initiated by	Requested Start Time	Start Time	Completed Time
Auto power On	192.168.23.1...	Completed		root	8/14/2016 7:31:16 AM	8/14/2016 7:31:16 AM	8/14/2016 7:31:16 AM

Tasks

Evaluation Mode: 60 days remaining root

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 2.594 GHz
Processor Type:	Intel(R) Core(TM) i5-3230M
Licenses:	Evaluation Mode
Processor Sockets:	2
Cores per Socket:	1
Logical Processors:	2
Hyperthreading:	Inactive
Number of NICs:	1
State:	Connected
Virtual Machines and Templates:	0
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-5.5.0-2014090201...

Resources

CPU usage: 312 MHz	Capacity
Memory usage: 1148.00 MB	Capacity
Storage	Drive Type Capacity
datastore1	Non-SSD 32.50 GB
	Browse Datastore...
	Rename
	Unmount
	Delete
	Refresh
	Properties...
	Copy to Clipboard Ctrl+C

Total Primary VMs: 0
Powered On Primary VMs: 0
Total Secondary VMs: 0
Powered On Secondary VMs: 0

Host Management

Recent Tasks

Name	Target	Status	Details	Initiated by	Requested Start Time	Start Time	Completed Time
Auto power On	192.168.23.1...	Completed		root	8/14/2016 7:31:16 AM	8/14/2016 7:31:16 AM	8/14/2016 7:31:16 AM

Tasks

Evaluation Mode: 60 days remaining root

