

Sri Lanka Institute of Information Technology



Enterprise Standards and Best Practices for IT Infrastructure **4th Year 2nd Semester**

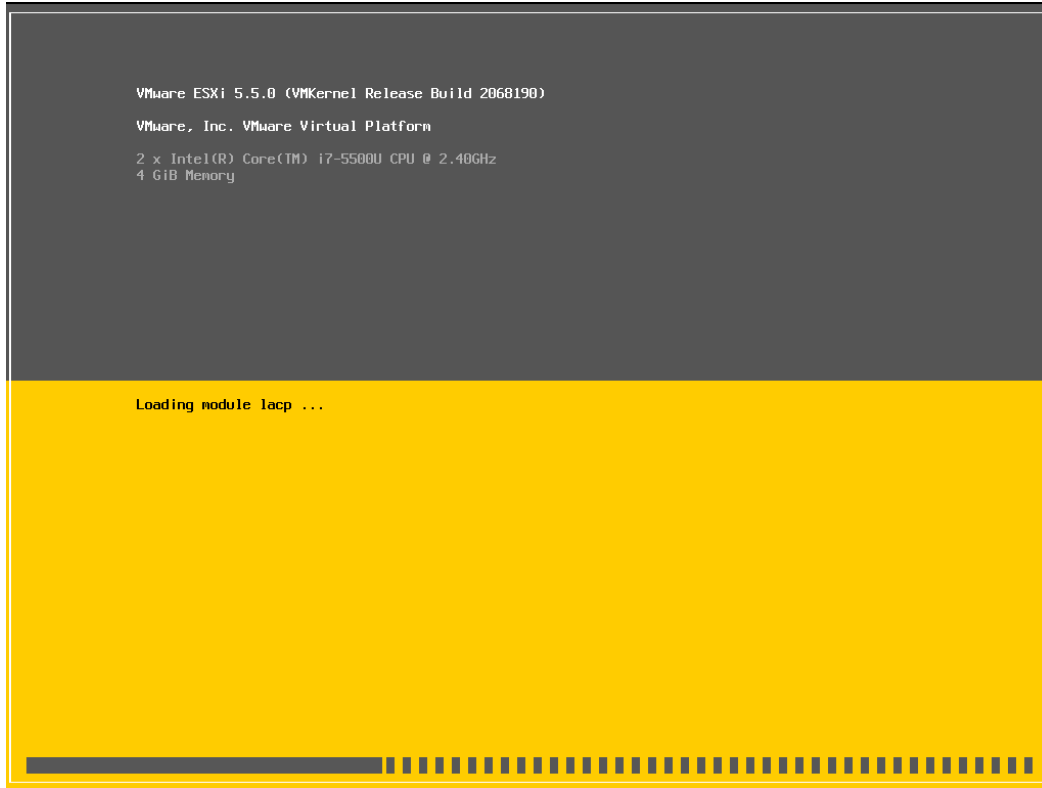
Bare-metal Virtual Machine Installation

Name: **S.U.K. Hingalagoda**

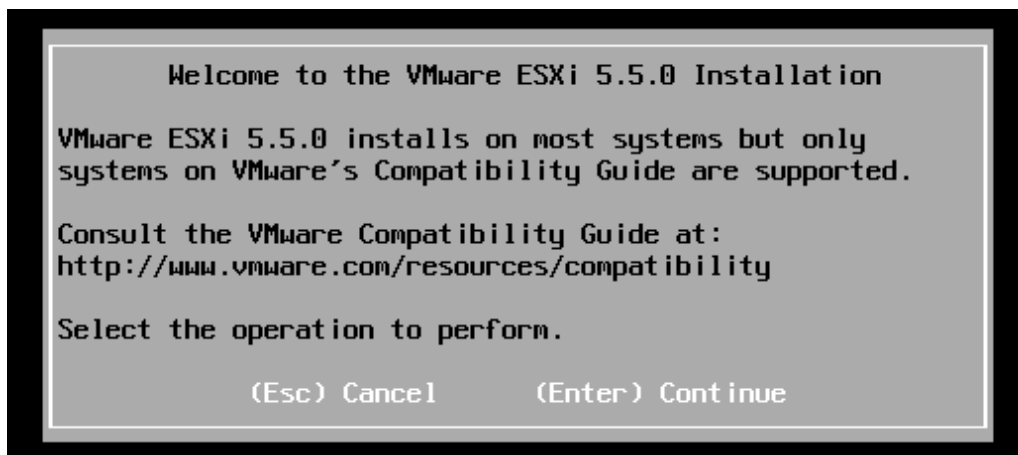
Registration No: **IT 13 0568 58**

Installing ESXi

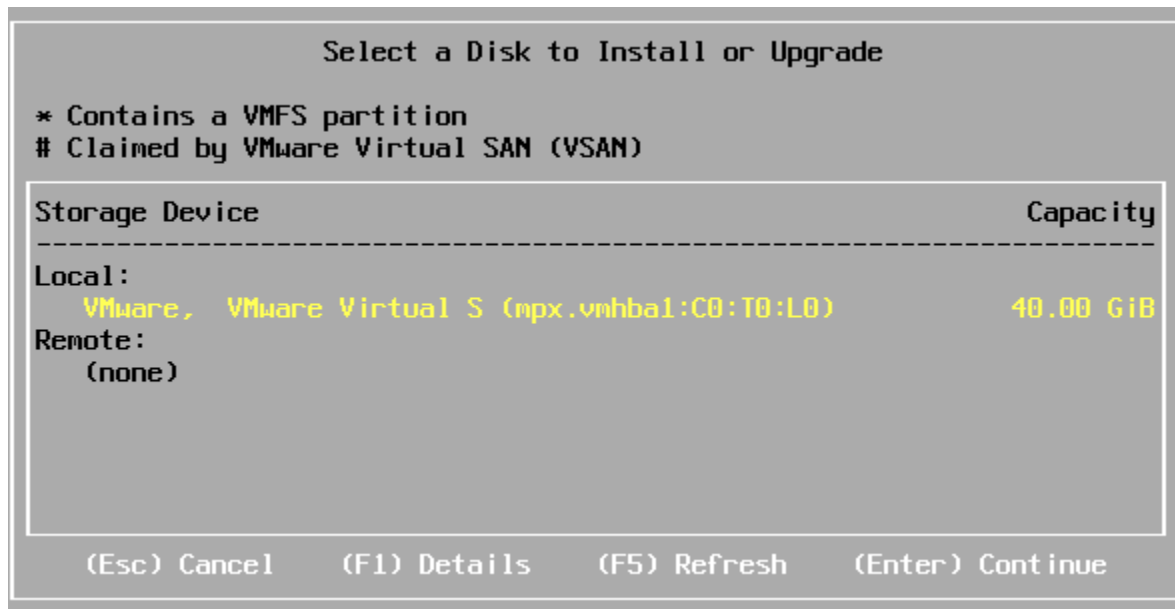
- Select the “ESXi-5.5.0 Installer” option and press **Enter** from the ESXi installer boot-up screen. Then ESXi binaries will be loaded and start installation.



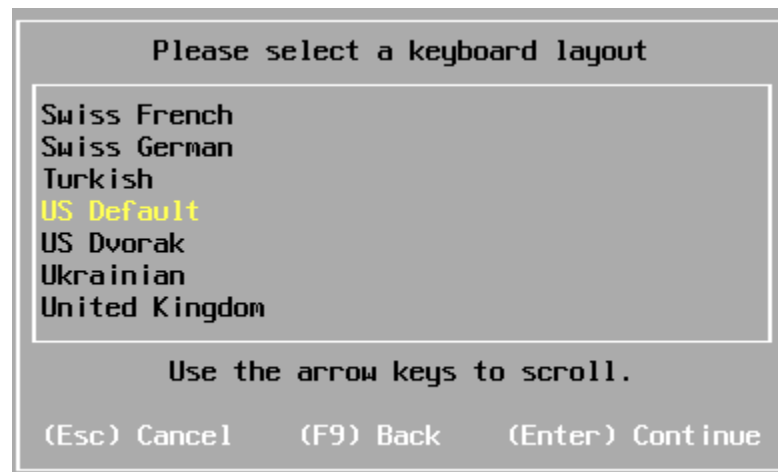
- Press **Enter** to continue with the installation. At the next screen, press **F11** to accept the EULA. This is immediately followed by a device scan.



- Select the drive on which you want ESXi installed. Press **Enter**.



- Then specify the keyboard layout. The default layout is set to "US Default". Change as needed and press **Enter** to continue.



- Set the password for the root user.



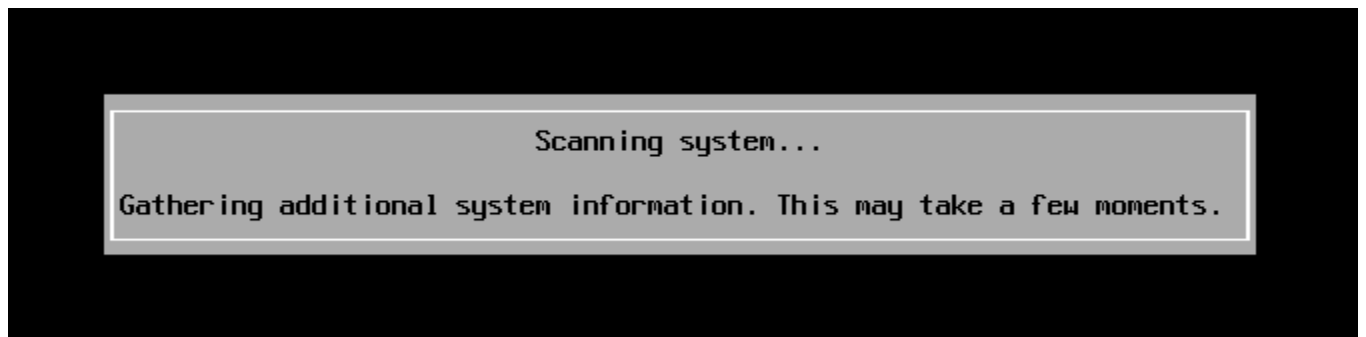
Enter a root password

Root password: *****
Confirm password: *****_

Passwords match.

(Esc) Cancel (F9) Back (Enter) Continue

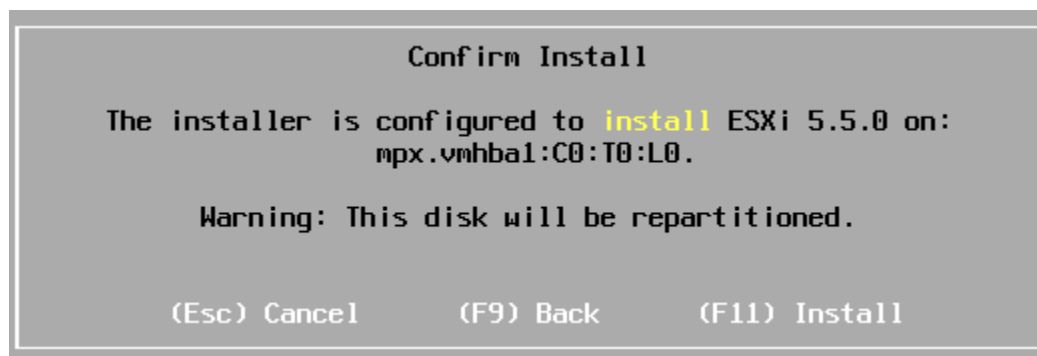
- Acquiring additional information.



Scanning system...

Gathering additional system information. This may take a few moments.

- Finally confirm the installation process by pressing **F11**.




Confirm Install

The installer is configured to **install** ESXi 5.5.0 on:
mpx.vmhba1:C0:T0:L0.

Warning: This disk will be repartitioned.

(Esc) Cancel (F9) Back (F11) Install

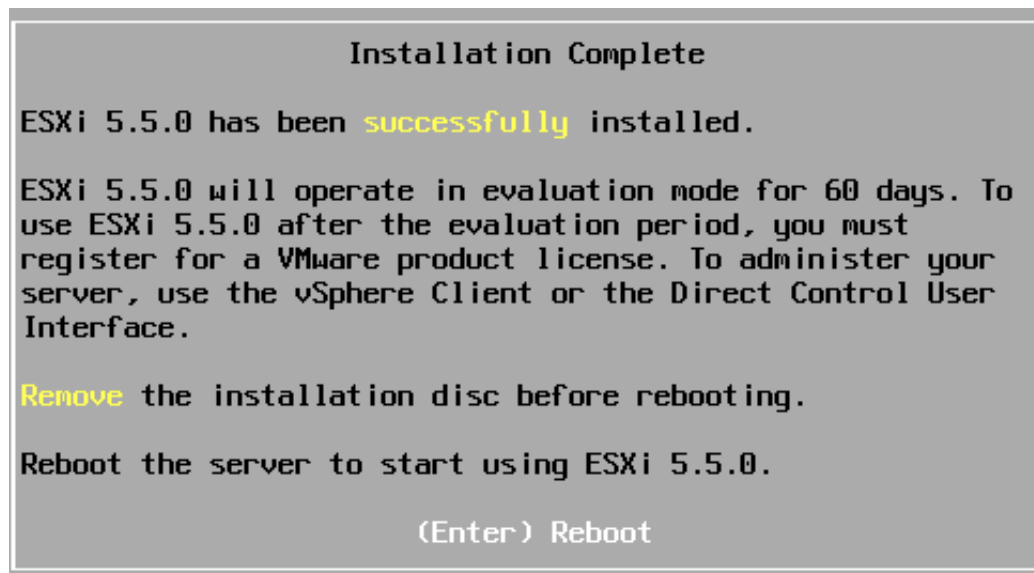
- Installation progress.



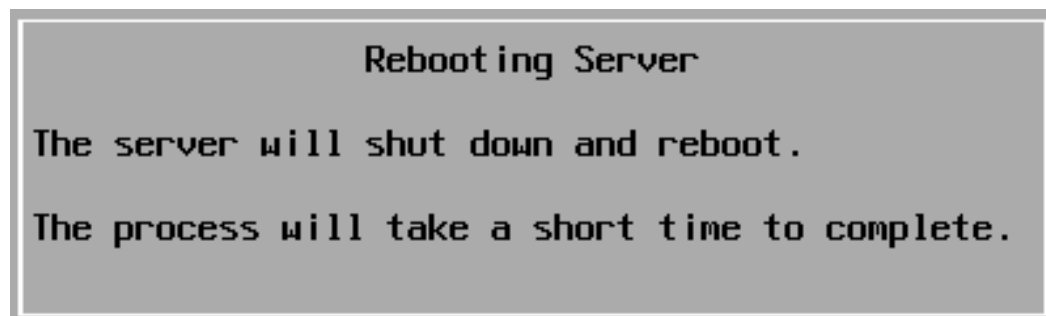
Installing ESXi 5.5.0

28 %

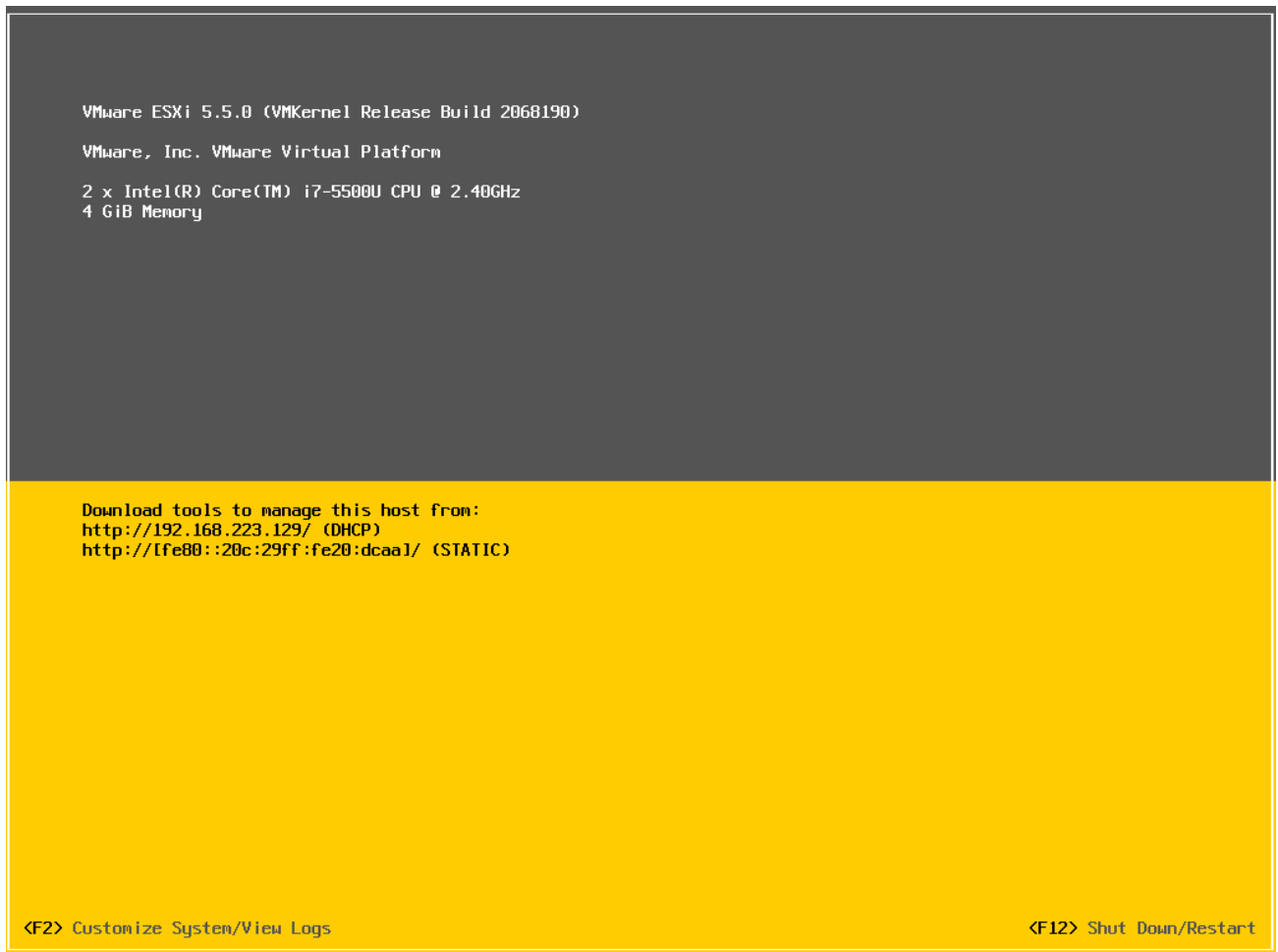
- Installation is completed successfully.



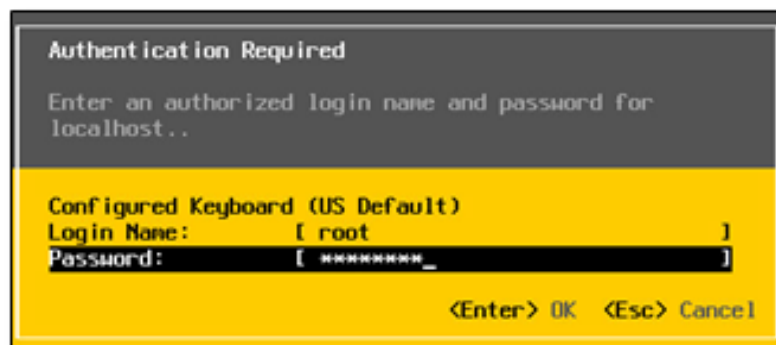
- Then press **Enter** to reboot the server.



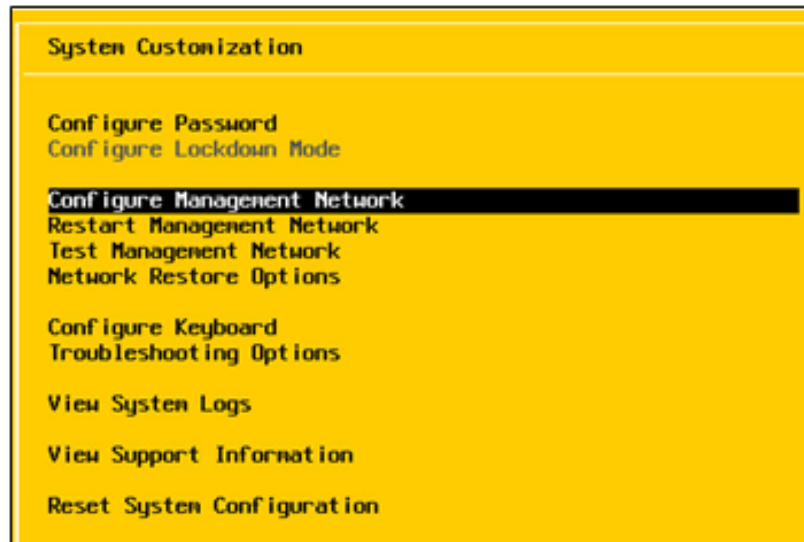
- When the server is back up, the ESXi server acquired an IPv4 address from the DHCP server.



- Log in to the ESXi using root account.




- Select the “Configure Management Network” from the system customization menu and change the settings as required.



Configuring the ESXi using the vSphere Client

- Using the browser download vSphere Client from the ESXi server.

VMware ESXi
Welcome



Getting Started

If you need to access this host remotely, use the following program to install vSphere Client software. After running the installer, start the client and log in to this host.

Please note that the traditional vSphere Client does not support features added to vSphere in the 5.1 and 5.5 releases. The traditional vSphere Client is intended for use if you need to connect directly to an ESXi host, are performing certain vSphere Update Manager operations, or are running vCenter Plug-ins that support only the vSphere Client such as vCenter Site Recovery Manager or vCenter Multi-Hypervisor Manager.

You can take advantage of the fullest range of functionality introduced or updated in this release by using the vSphere Web Client.

- [Download vSphere Client](#)

To streamline your IT operations with vSphere, use the following program to install vCenter. vCenter will help you consolidate and optimize workload distribution across ESX hosts, reduce new system deployment time from weeks to seconds, monitor your virtual computing environment around the clock, avoid service disruptions due to planned hardware maintenance or unexpected failure, centralize access control, and automate system administration tasks.

- [Download VMware vCenter](#)

If you need more help, please refer to our documentation library:

- [vSphere Documentation](#)

For Administrators

vSphere Remote Command Line

The Remote Command Line allows you to use command line tools to manage vSphere from a client machine. These tools can be used in shell scripts to automate day-to-day operations.

- [Download the Virtual Appliance](#)
- [Download the Windows Installer \(exe\)](#)
- [Download the Linux Installer \(tar.gz\)](#)

Web-Based Datastore Browser

Use your web browser to find and download files (for example, virtual machine and virtual disk files).


- [Browse datastores in this host's inventory](#)

For Developers

vSphere Web Services SDK

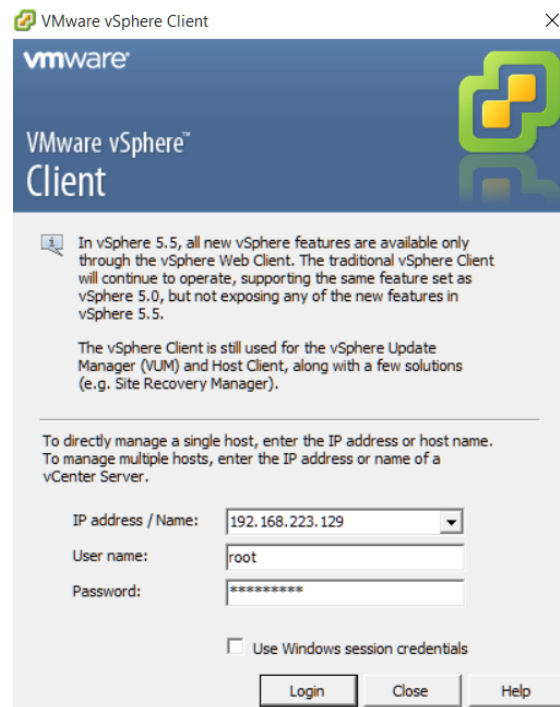
Learn about our latest SDKs, Toolkits, and APIs for managing VMware ESX, ESXi, and VMware vCenter. Get sample code, reference documentation, participate in our Forum Discussions, and view our latest Sessions and Webinars.

- [Learn more about the Web Services SDK](#)
- [Browse objects managed by this host](#)

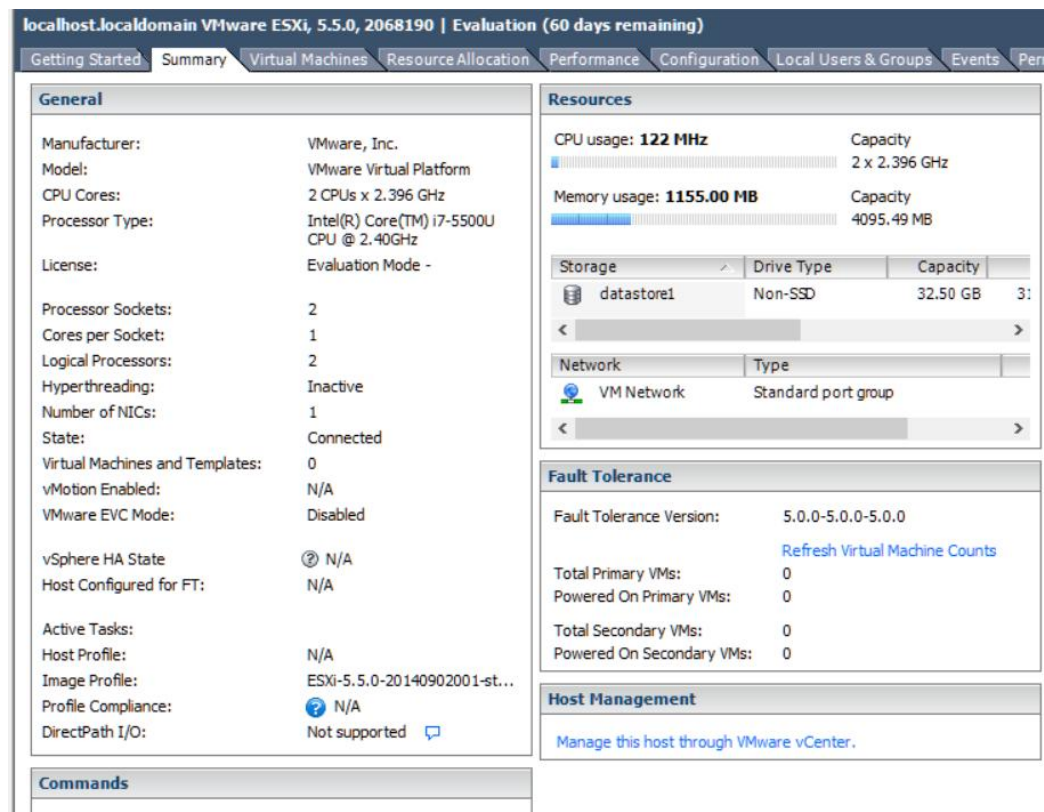


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- Type in the IP address of the ESXi host, the credentials and press **Login** connect to ESXI Server using Sphere client.



- ESXI summary-screen using the vSphere Client.



- Creating a new virtual machine.

