PRACTICAL NO 1
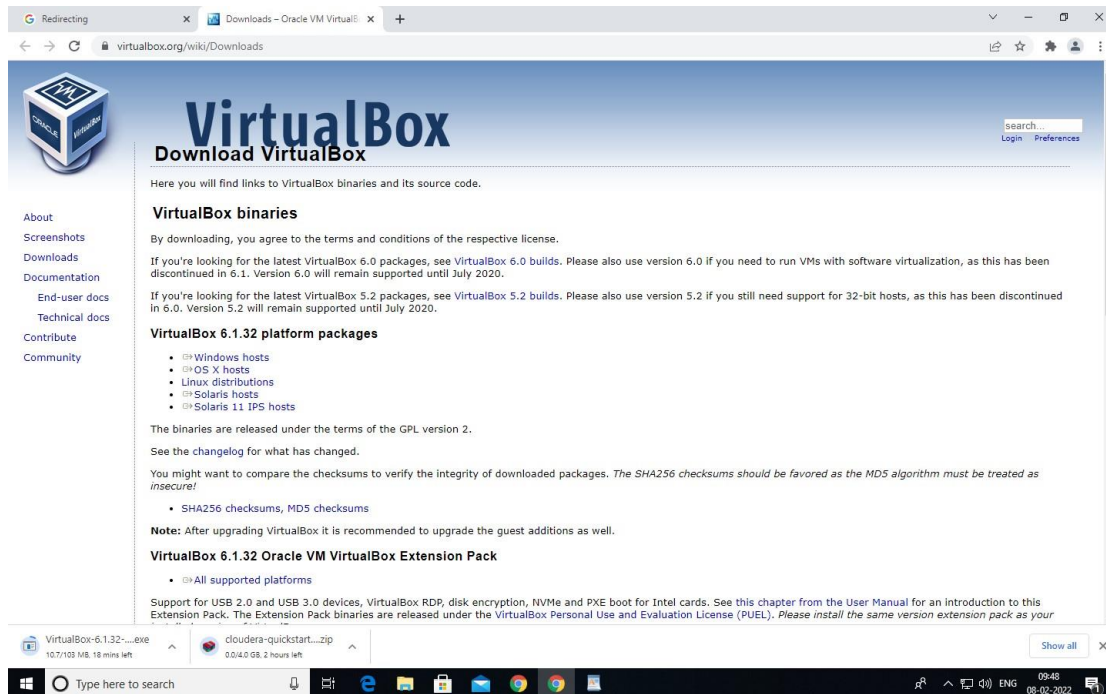
Installation of Virtual Box and Cloudera
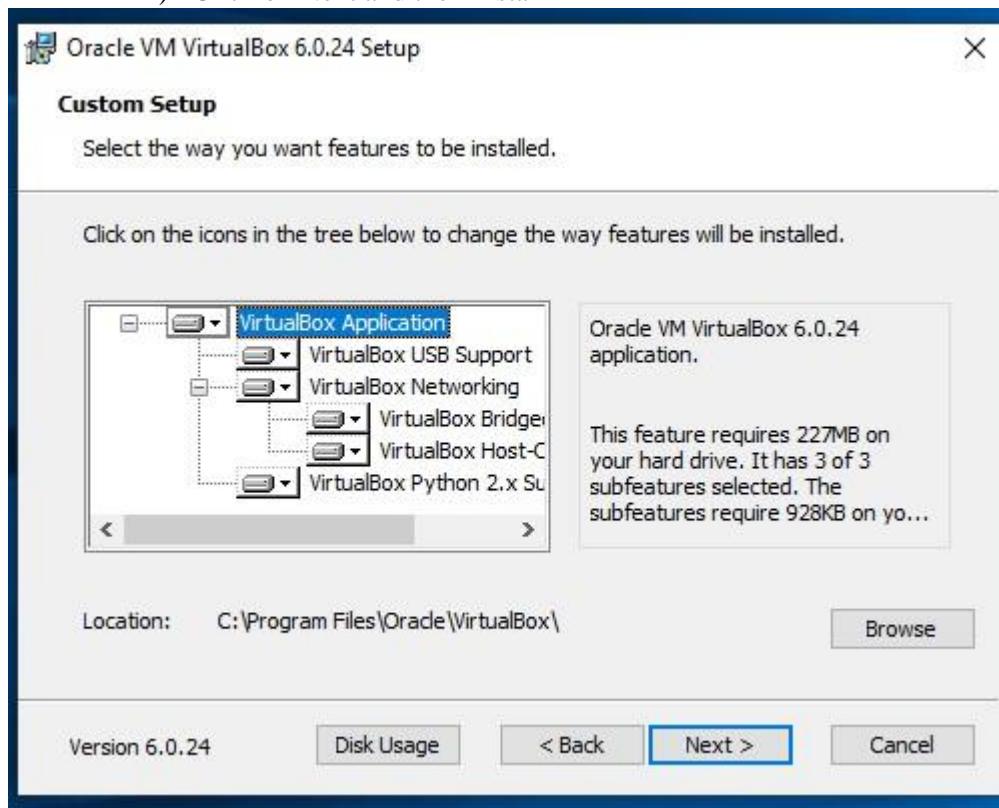
1)VirtualBox

2)Cloudera

• Steps-

1) Go to files

2) Select "Import appliance" option

3) Click on folder icon to select .ovf file

4) Select "cloudera quick start cloudera-quickstart-vm-5.4.2-0-virtualbox.ovf" file

5) Click next

6) Click import in appliance settings window

7) Launch cloudera virtual machine

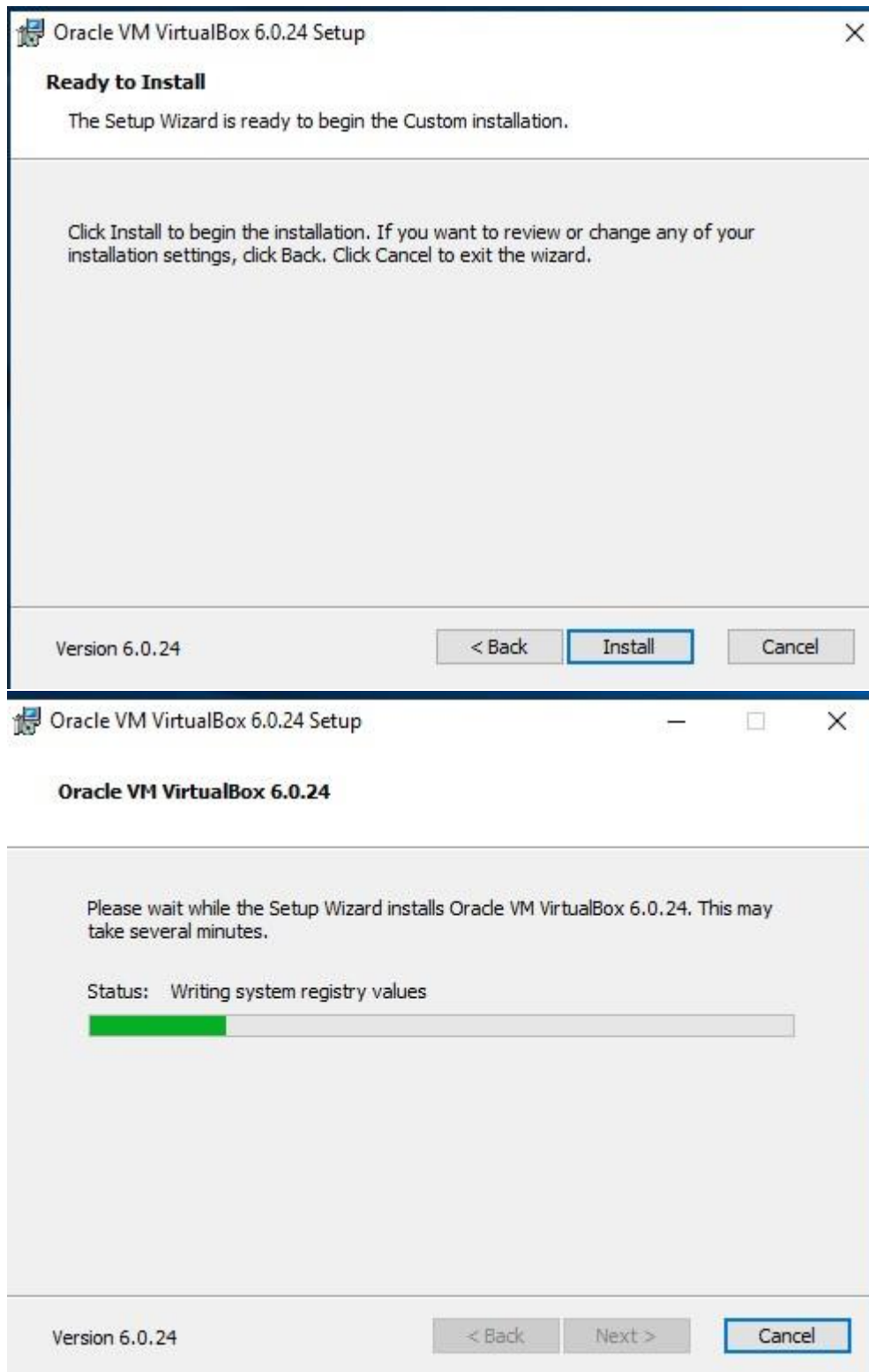8) Click start

• Steps to Installation-
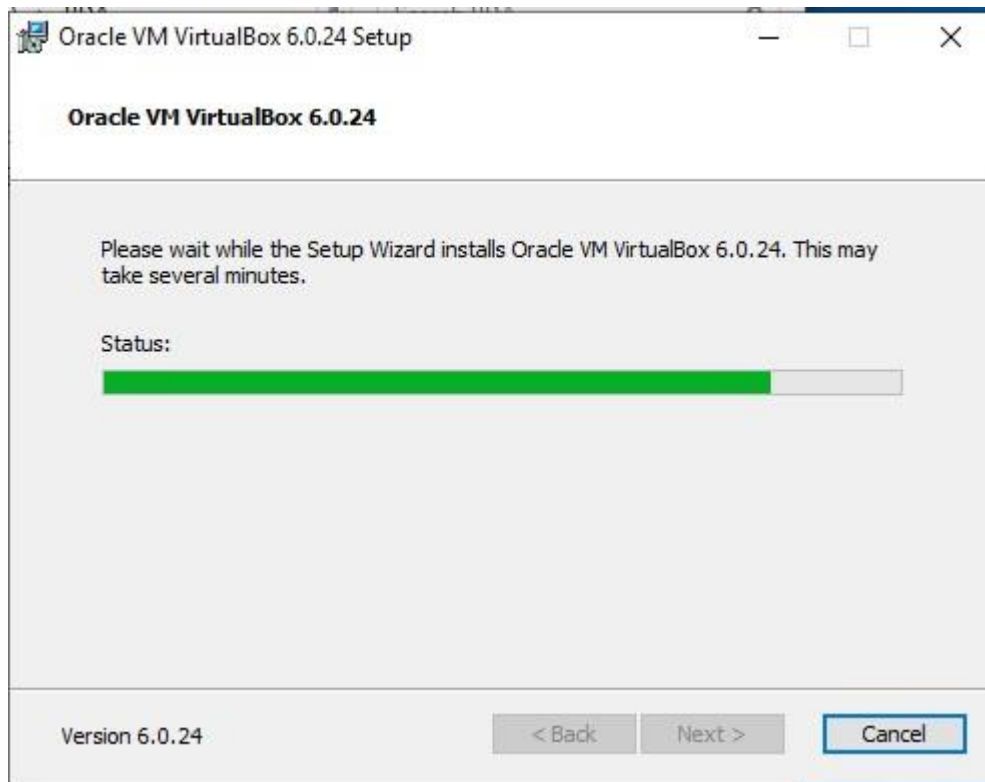
1) Open virtual box that is downloaded from browser
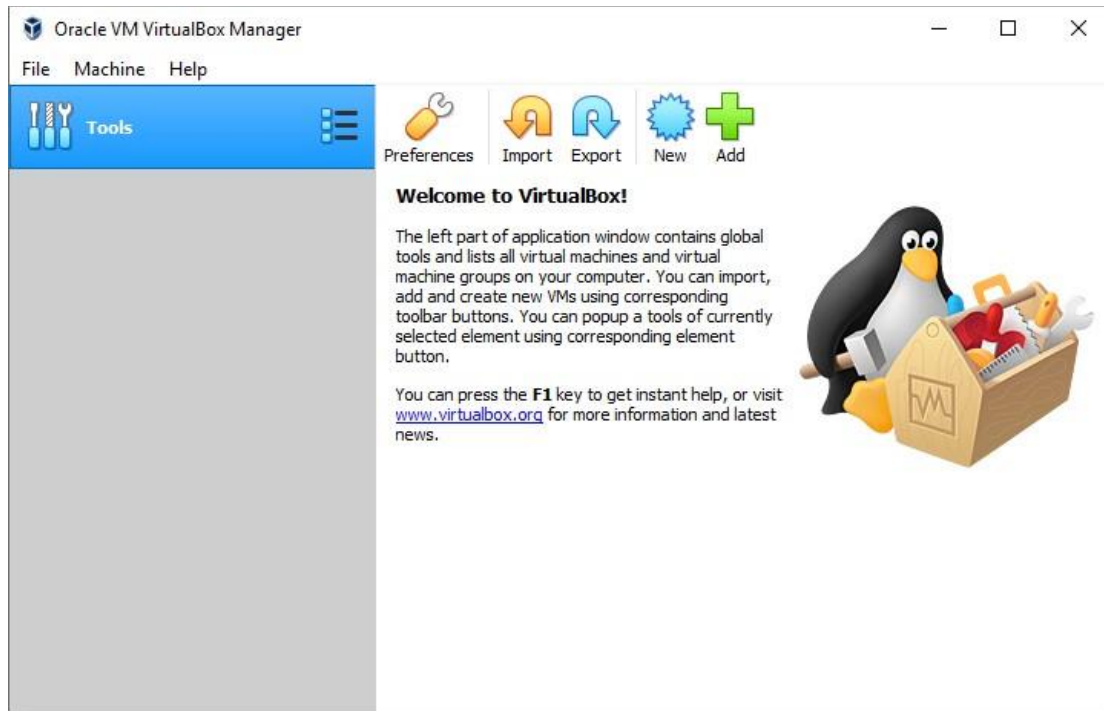
2) Click on Next and then Install

Oracle VM VirtualBox 6.0.24 Setup   ✕

Ready to Install

The Setup Wizard is ready to begin the Custom installation.

Click Install to begin the installation. If you want to review or change any of your
installation settings, click Back. Click Cancel to exit the wizard.

Version 6.0.24   < Back   Install   Cancel

Oracle VM VirtualBox 6.0.24 Setup   —   ☐   ✕

Oracle VM VirtualBox 6.0.24

Please wait while the Setup Wizard installs Oracle VM VirtualBox 6.0.24. This may
take several minutes.

Status: Writing system registry values

Version 6.0.24   < Back   Next >   Cancel

Oracle VM VirtualBox 6.0.24 Setup   —   □   ×

Oracle VM VirtualBox 6.0.24

Please wait while the Setup Wizard installs Oracle VM VirtualBox 6.0.24. This may take several minutes.

Status:

Version 6.0.24   < Back   Next >   Cancel

Oracle VM VirtualBox 6.0.24 Setup   ×

Oracle VM VirtualBox 6.0.24 Setup Wizard ended prematurely

Oracle VM VirtualBox 6.0.24 Setup Wizard ended prematurely because of an error. Your system has not been modified. To install this program at a later time, run Setup Wizard again. Click the Finish button to exit the Setup Wizard.

Version 6.0.24   < Back   Finish   Cancel
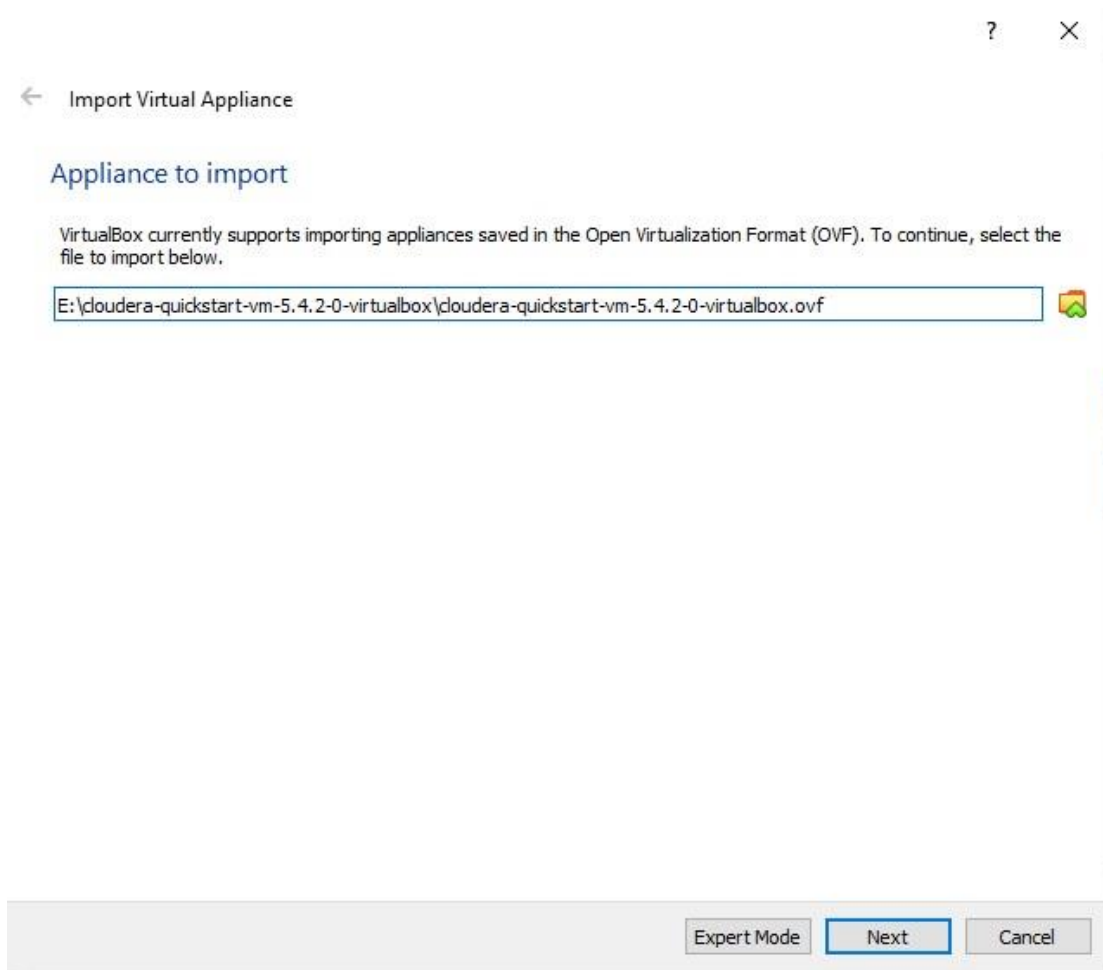
3) After Installation complete open the VirtualBox-

4) Click On File→Import Appliance

5) Add cloudera ovf file

6) Then Click on Import

?   ✕

← Import Virtual Appliance

Appliance settings

These are the virtual machines contained in the appliance and the suggested settings of the imported VirtualBox machines.
You can change many of the properties shown by double-clicking on the items and disable others using the check boxes
below.

Virtual System 1		^
🍀 Name	cloudera-quickstart-vm-5.4.2-0-virtualbox	
▤ Guest OS Type	🐾 Red Hat (64-bit)	
▢ CPU	1	Original Value: 80
▮ RAM	4096 MB	
◉ DVD	☑	
▱ Network Adapter	☑ Intel PRO/1000 MT Desktop (82540EM)	
◇ Storage Controller (IDE)	PIIX4	v

You can modify the base folder which will host all the virtual machines. Home folders can also be individually (per virtual
machine) modified.

📁 C:\Users\MSCIT\VirtualBox VMs   ⌄

MAC Address Policy: Include only NAT network adapter MAC addresses   ▾

Additional Options: ☑ Import hard drives as VDI

Appliance is not signed

Restore Defaults   Import   Cancel

? ✕

← Import Virtual Appliance

Appliance settings

These are the virtual machines contained in the appliance and the suggested settings of the imported VirtualBox machines. You can change many of the properties shown by double-clicking on the items and disable others using the check boxes below.

Virtual System 1

Name   cloudera-quickstart-vm-5.4.2-0-virtualbox

🔵 Importing Appliance ...: Importing appliance 'E:\cloudera-quickstart-vm-5.4.2-0-virtualbox\cl...   ✕

Importing virtual disk image 'cloudera-quickstart-vm-5.4.2-0-virtualbox-disk1.vmdk' ... (2/3)

3%   ✗

1 minute, 17 seconds remaining

Storage Controller (IDE)   PIIX4

You can modify the base folder which will host all the virtual machines. Home folders can also be individually (per virtual machine) modified.
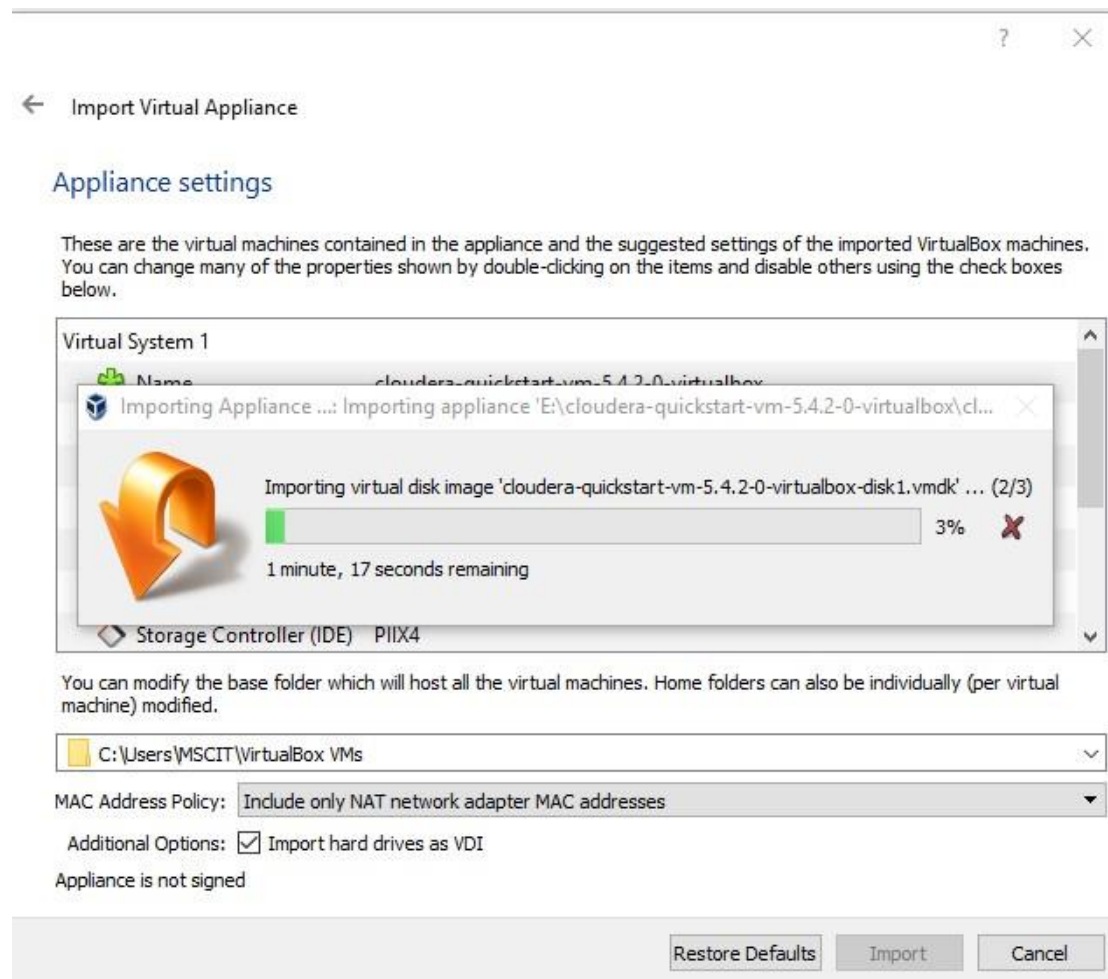
| C:\Users\MSCIT\VirtualBox VMs | ∨ |

MAC Address Policy: Include only NAT network adapter MAC addresses   ▼
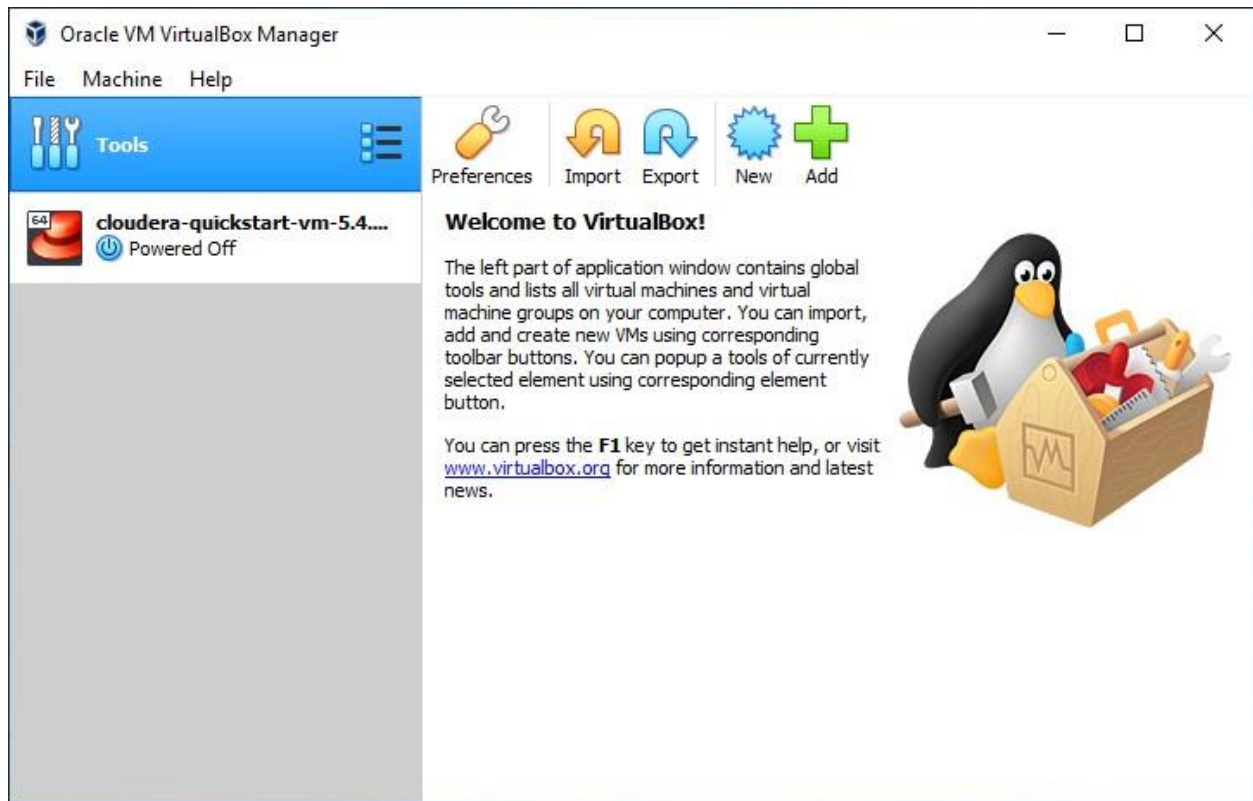
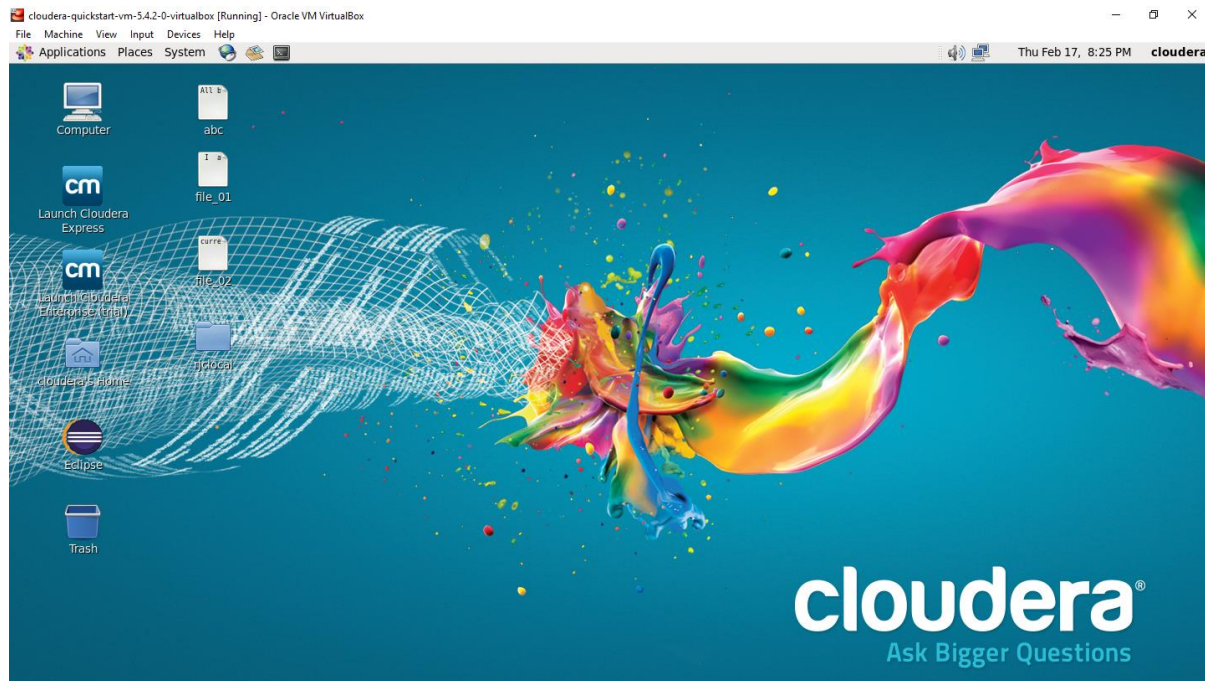Additional Options: ☑ Import hard drives as VDI

Appliance is not signed

Restore Defaults   Import   Cancel

       7) After the import the cloudera is added in the virtual box
       8) Click on Start

We have successfully Installed cloudera