LAB MANUAL

CSA1517

CLOUD COMPUTING AND BIG DATA ANALYTICS FOR HADOOP APPLICATIONS

P.SAHITH SAI

(192425029)

EXPERIMENT – 08 CREATE A VIRTUAL HARD DISK AND ALLOCATE THE STORAGE USING VIRTUAL BOX.

Aim:

To create a Virtual Hard Disk (VHD) and allocate storage for a Virtual Machine using VirtualBox.

PROCEDURE:

STEP 1: Dowload Virtual box and installed as type 2hypervisor.

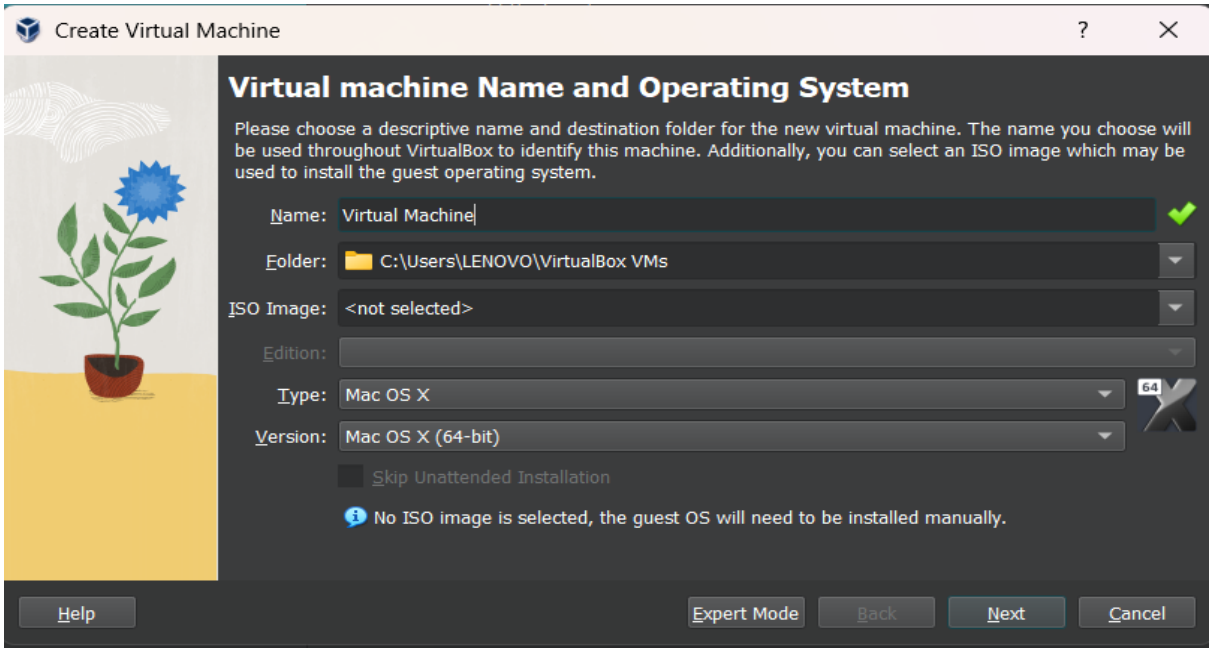
STEP2: Dowload ubuntu or tiny OS as iso image file.

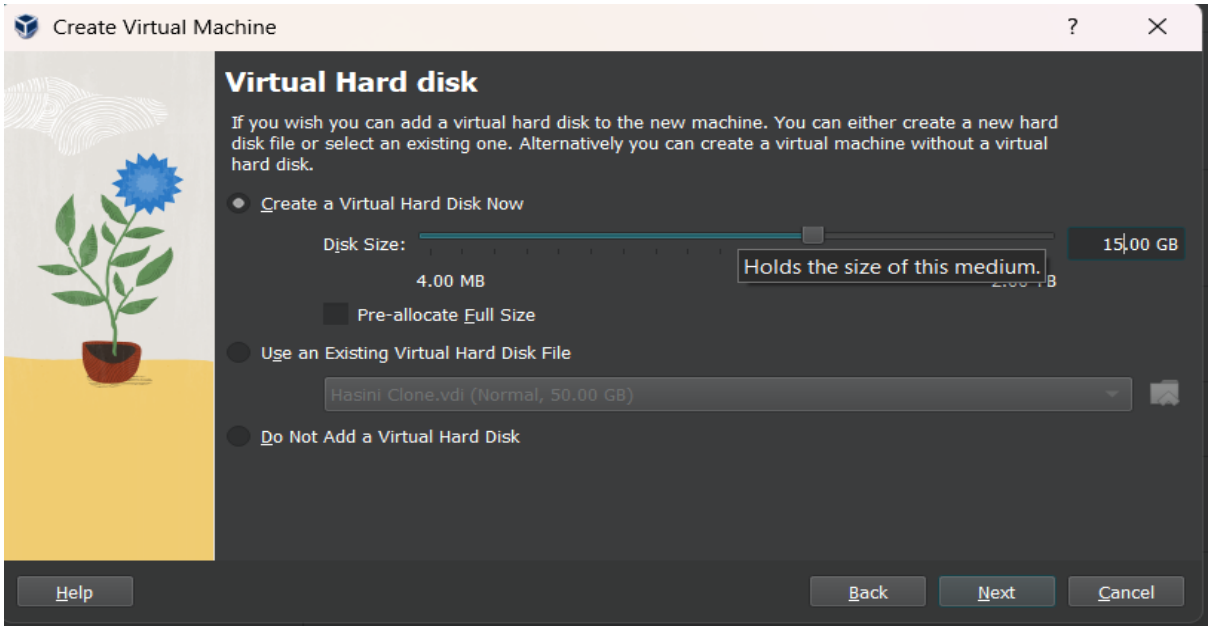
STEP 3: In Virtual Box->create new VM.

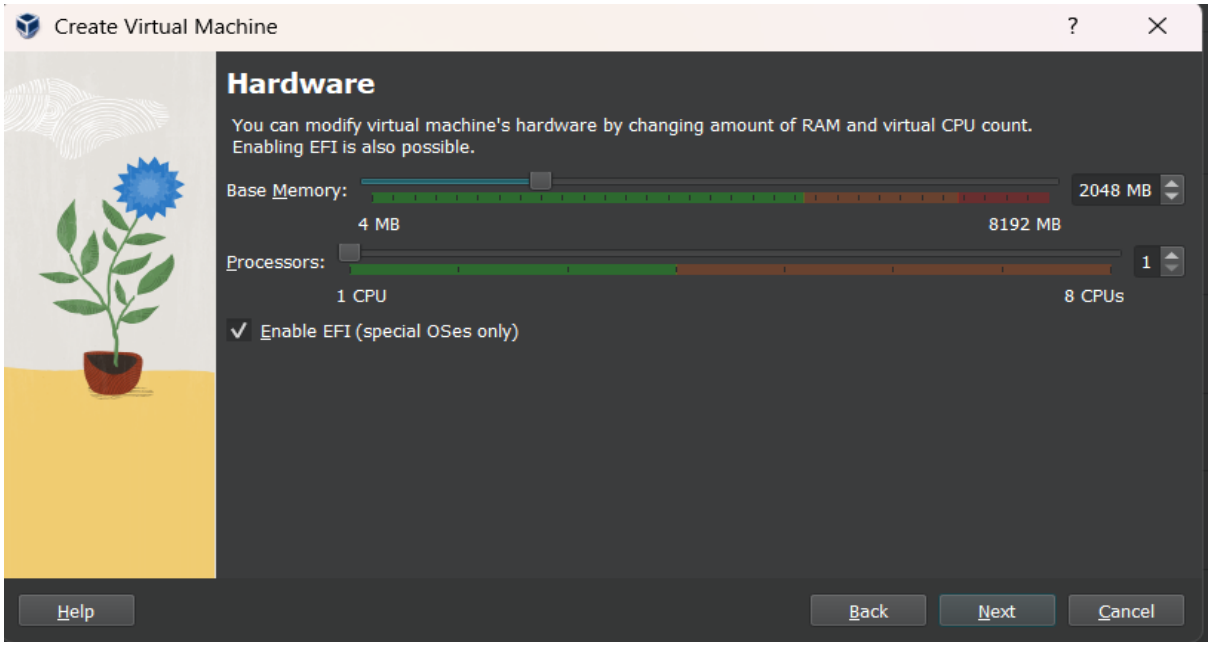
STEP 4: Do the basic configuration settings.

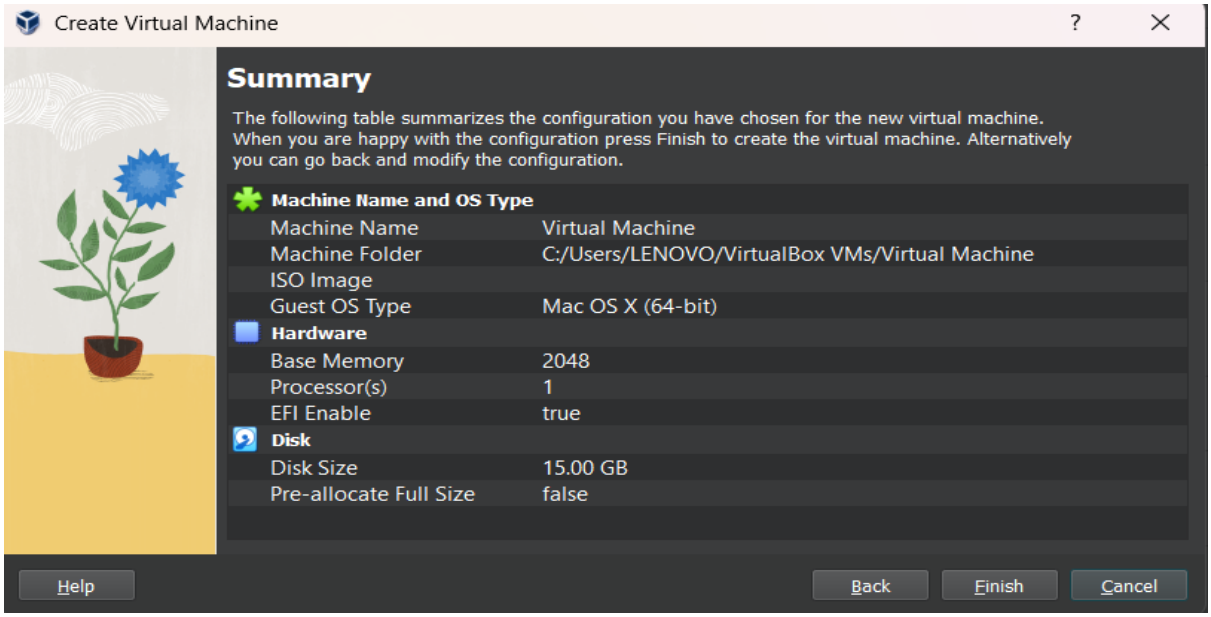
STEP 5: Created tiny OS virtual machine.

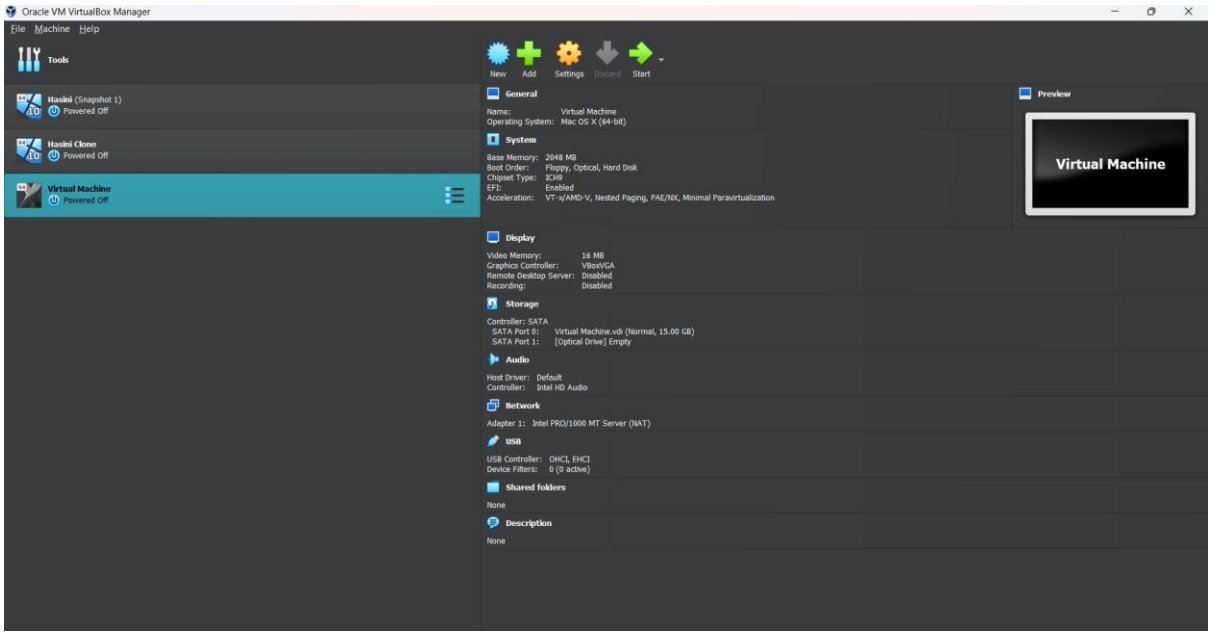
STEP 6: Launch the VM.




Create Virtual Machine
Virtual Hard disk
If you wish you can add a virtual hard disk to the new machine. You can either create a new hard disk file or select an existing one. Alternatively you can create a virtual machine without a virtual hard disk.
Create a Virtual Hard Disk Now
Disk Size:
15.00 GB
Holds the size of this medium.
4.00 MB
Pre-allocate Full Size
Use an Existing Virtual Hard Disk File
Hasini Clone.vdi (Normal, 50.00 GB)
Do Not Add a Virtual Hard Disk
Help
Back
Next
Cancel


Create Virtual Machine
Hardware
You can modify virtual machine's hardware by changing amount of RAM and virtual CPU count.
Enabling EFI is also possible.
Base Memory:
2048 MB
4 MB
8192 MB
Processors:
1
1 CPU
8 CPUs
Enable EFI (special OSes only)
Help
Back
Next
Cancel





Result:

A Virtual Hard Disk was successfully created and allocated (e.g., 15GB) for use in a Virtual Machine using VirtualBox.