

LAB MANUAL

CSA1517

CLOUD COMPUTING AND BIG DATA ANALYTICS FOR HADOOP APPLICATIONS

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EXPERIMENT – 09 CREATE A SNAPSHOT OF A VM AND TEST IT BY LOADING THE PREVIOUS VERSION/CLONED VM USING VIRTUAL BOX.

Aim:

To create a snapshot of a Virtual Machine in VirtualBox and test it by restoring to the previous version or cloned state.

PROCEDURE:

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

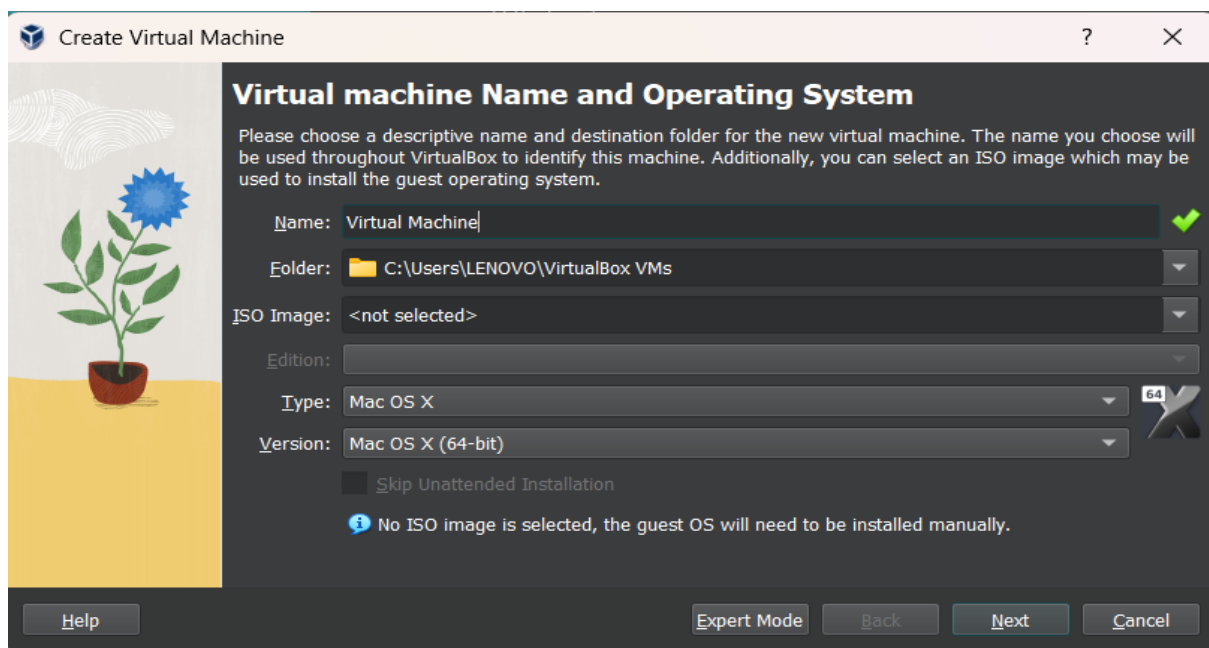
STEP2: Download ubuntu or tiny OS as iso image file.

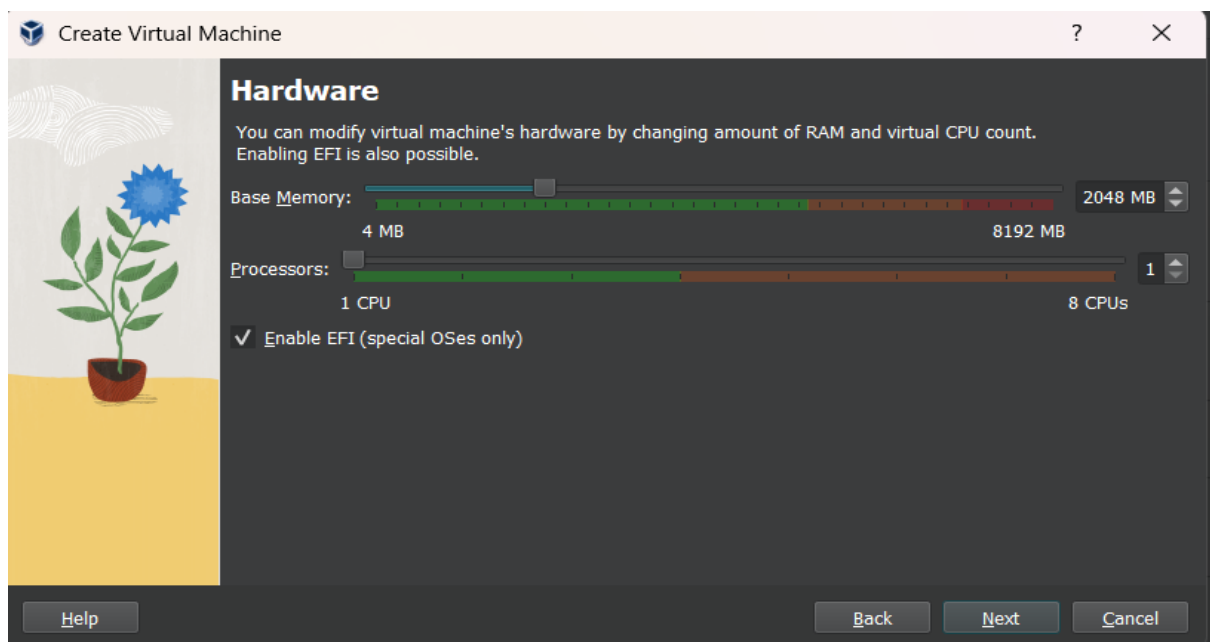
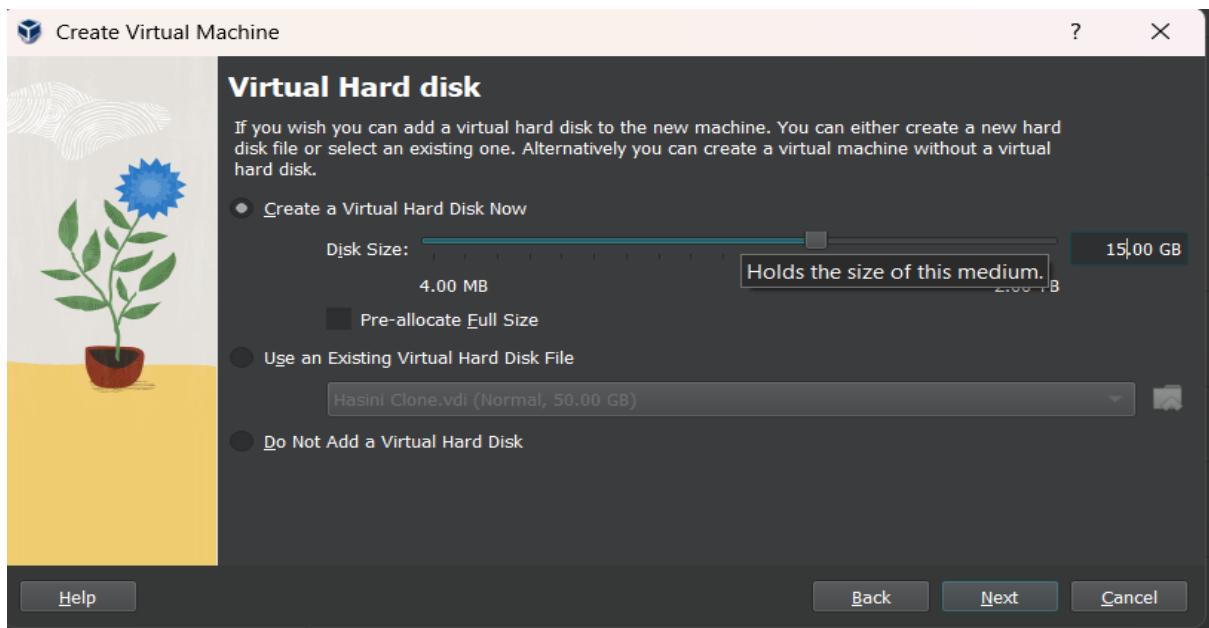
STEP 3: In Virtual Box->create new VM.

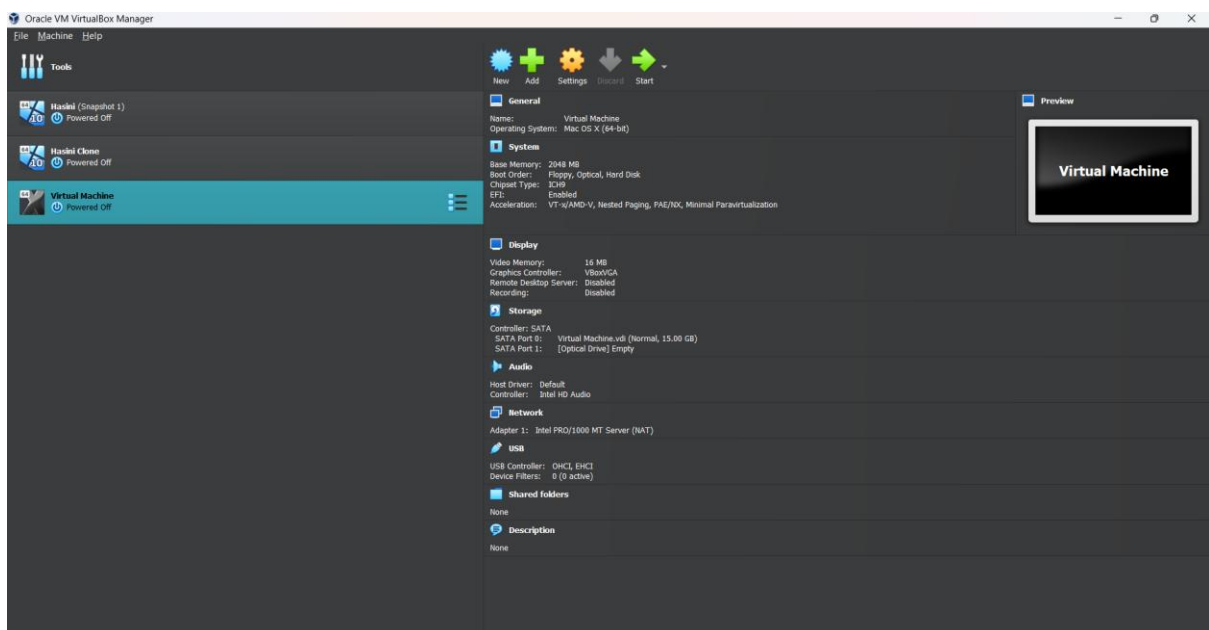
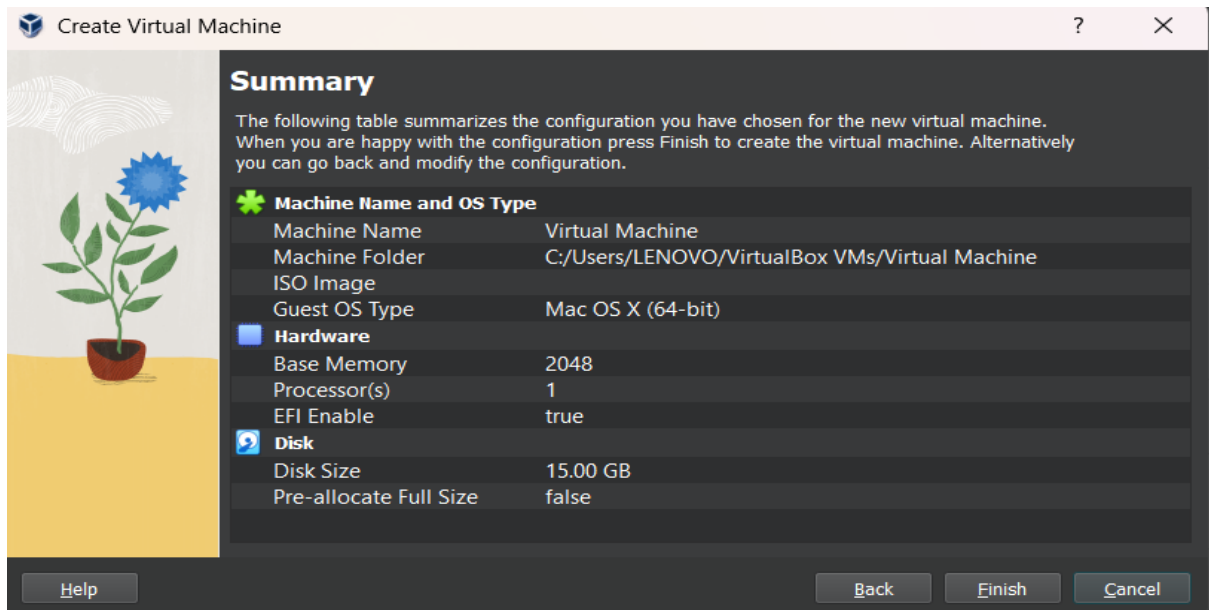
STEP 4: Do the basic configuration settings.

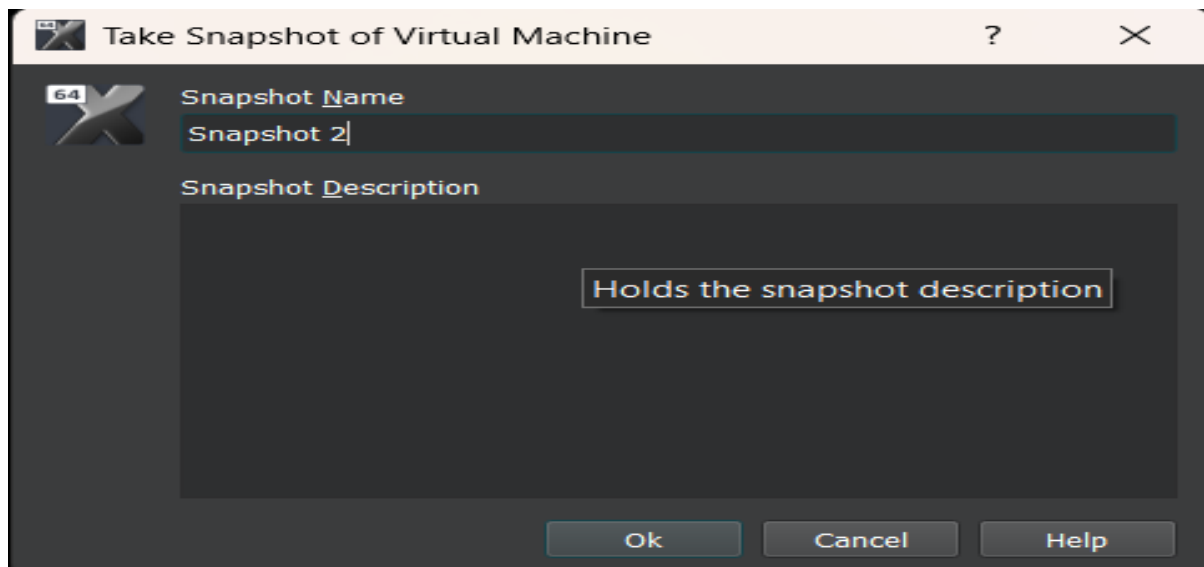
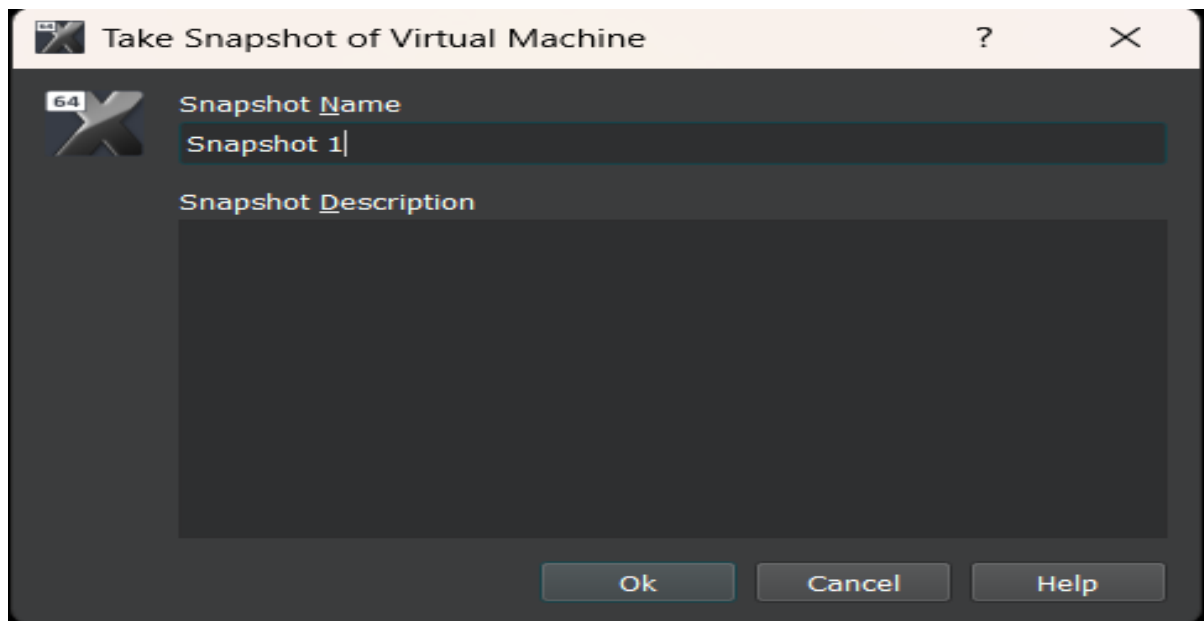
STEP 5: Created tiny OS virtual machine.

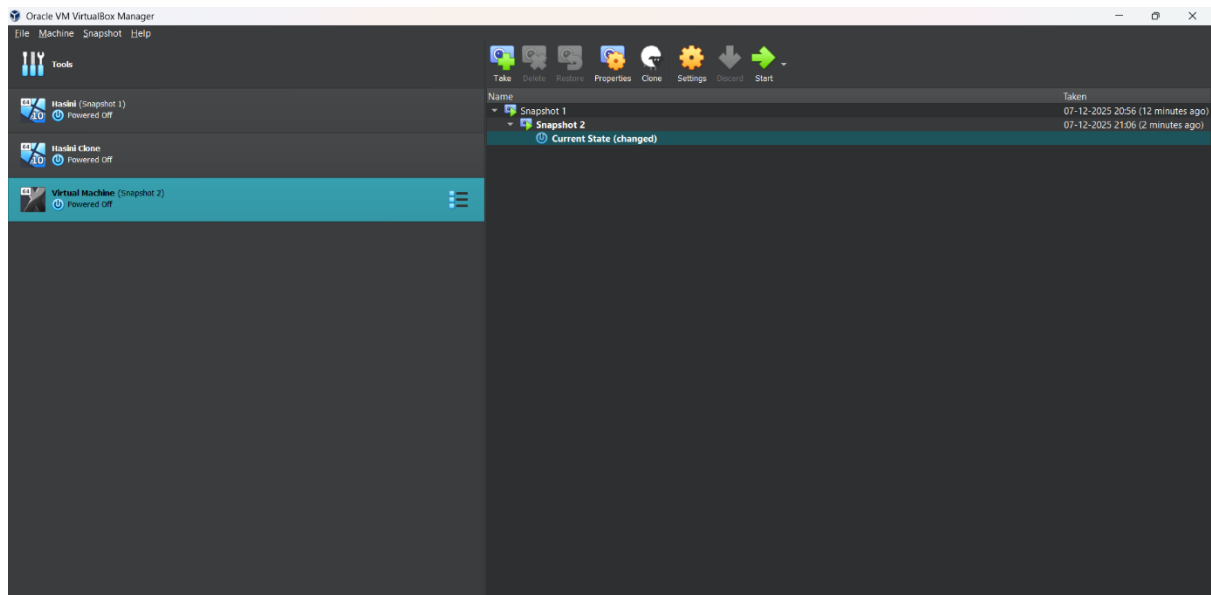
STEP 6: Launch the VM.











Result:

A snapshot of the VM was successfully created in VirtualBox. Restoring the snapshot reverted the VM to its previous state, demonstrating the functionality of snapshots for backup and testing purposes.