

EXPERIMENT-9

AIM:

To create a snapshot of a virtual machine (VM) using Oracle VirtualBox, restore it to a previous state, and verify the functionality of the cloned VM.

Procedure:

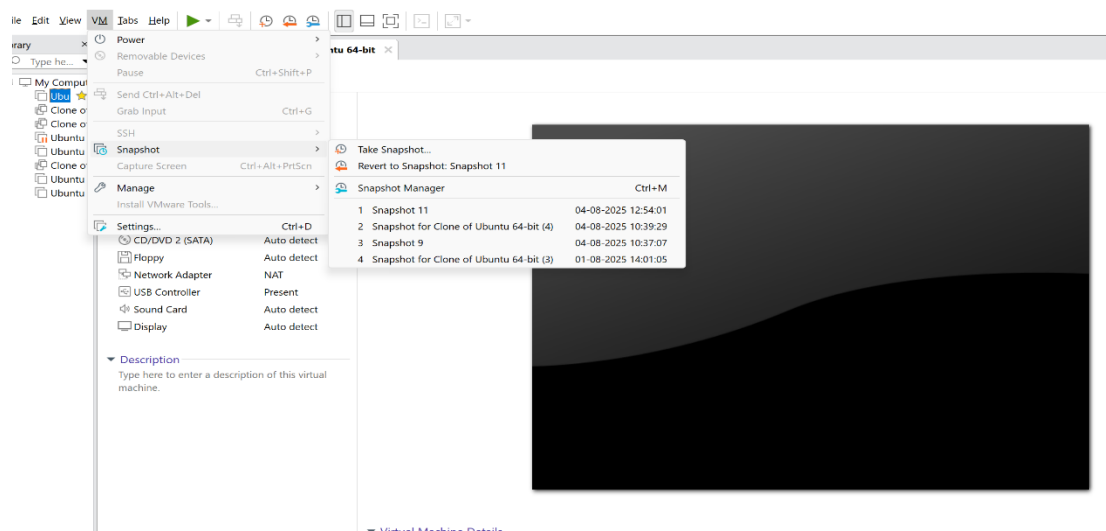
1. Start VirtualBox:
Launch Oracle VirtualBox on your host machine.
2. Select the VM:
Choose the VM for which you want to create a snapshot.
3. Take Snapshot:
 - Go to Machine → Take Snapshot or click on the Snapshot icon.
 - Enter a name (e.g., “BeforeUpdate”) and optional description.
 - Click OK to save the snapshot.
4. Modify the VM (Optional):
 - Make changes in the VM (install software, change configuration, etc.) for testing.
5. Restore Snapshot:
 - Power off the VM (if running).
 - Go to Snapshots Tab.
 - Select the saved snapshot and click Restore.
 - Confirm the restoration.
6. Clone VM (Optional Testing):
 - Right-click the VM → Clone.
 - Choose Full Clone or Linked Clone.
 - Name the cloned VM and finish the cloning process.

7. Start the Restored or Cloned VM:

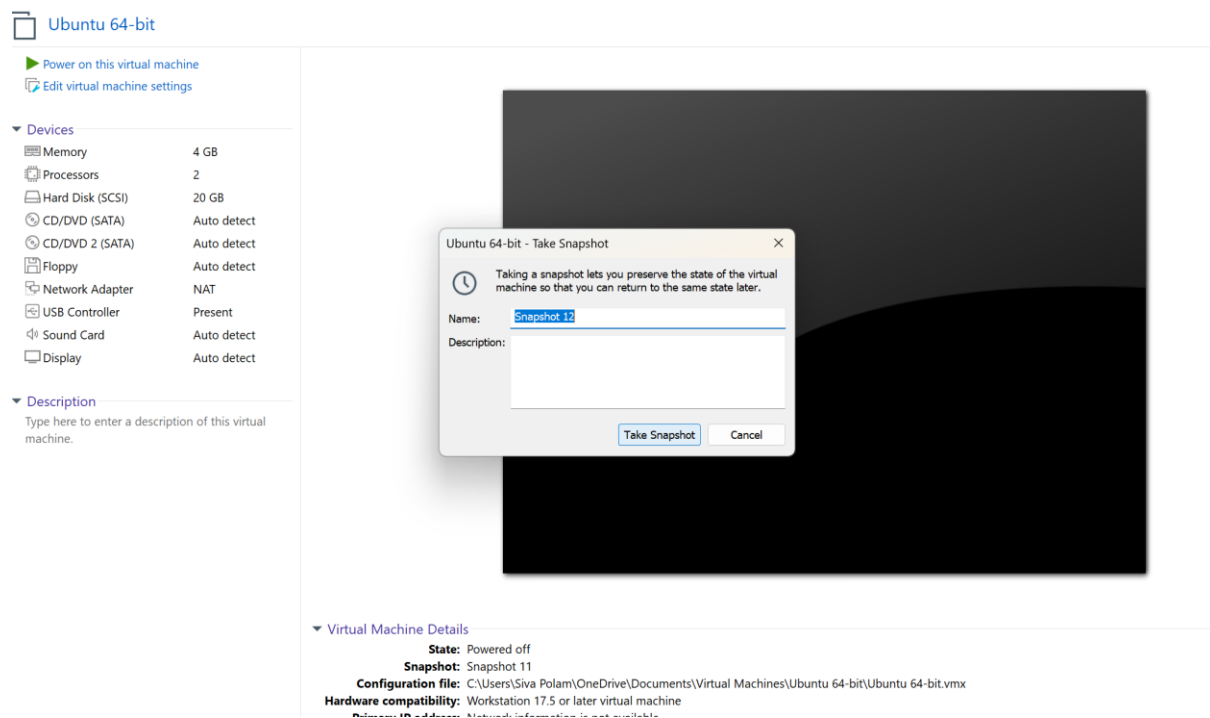
- Run the VM and verify it has reverted to the snapshot state.

Successfully created a snapshot of the VM, restored it to its previous state, and verified functionality by running the restored/cloned VM without any errors or data corruption.

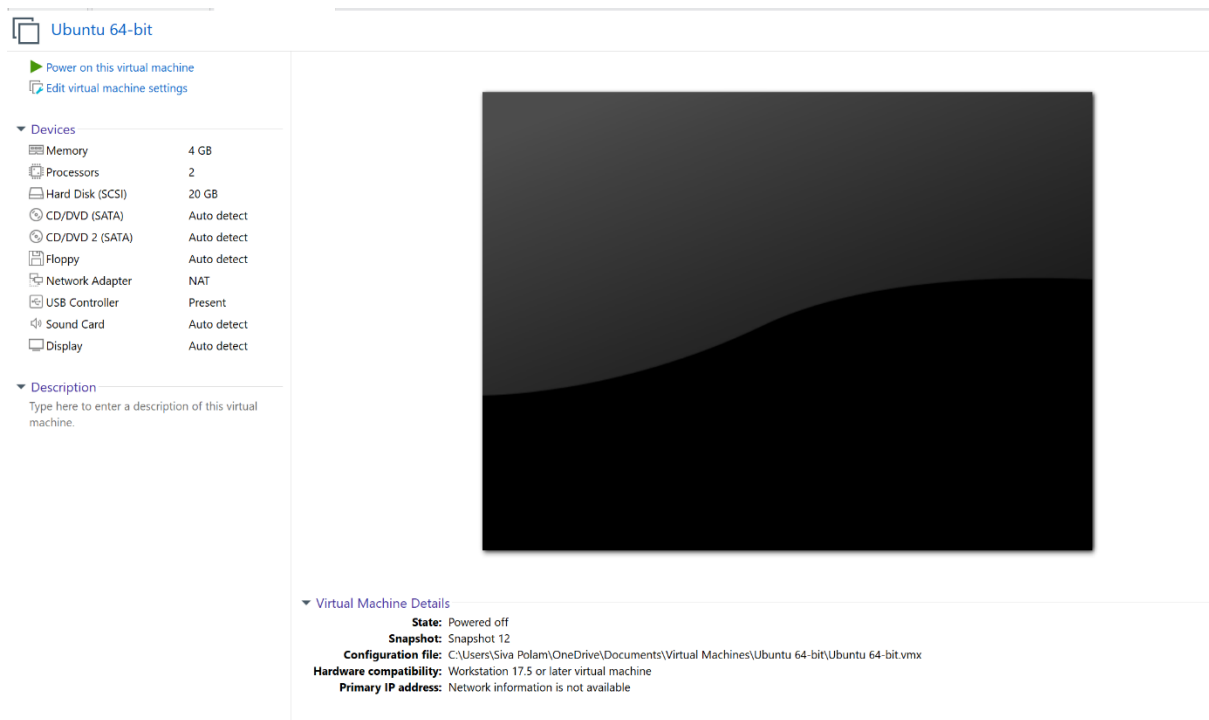
STEP 1:



STEP 2:



STEP 3:



Result:

Successfully created a snapshot of the VM, restored it to its previous state, and verified functionality by running the restored/cloned VM without any errors or data corruption.