

EXPERIMENT – 16

Aim

To clone a virtual machine using VMware Workstation and verify the cloned VM by running and testing it independently from the original VM.

Procedure

Step 1: Launch VMware Workstation

1. Open **VMware Workstation** on your system.
2. In the **Library**, select the virtual machine you want to clone.

Step 2: Shut Down the Virtual Machine

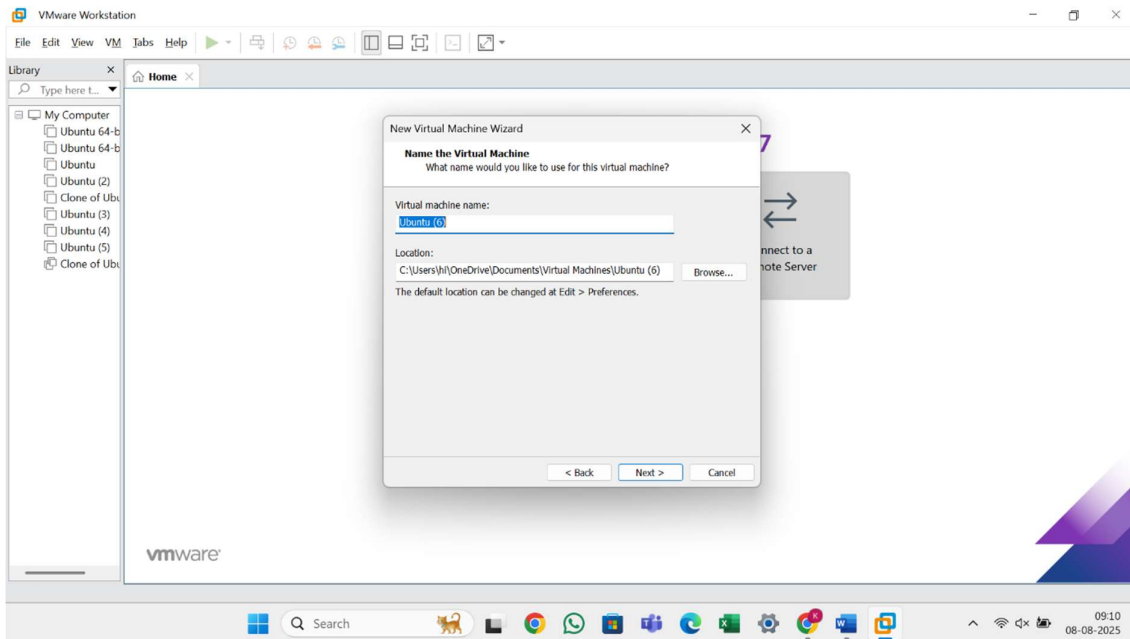
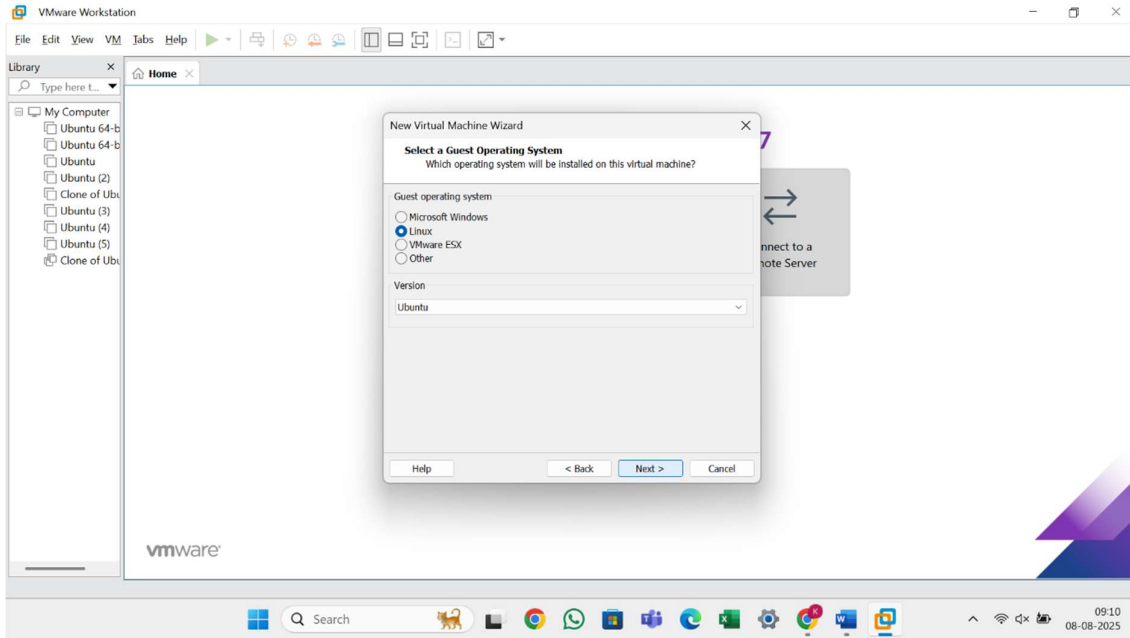
- Make sure the VM is **powered off** before cloning to prevent issues and ensure the current state is saved properly.

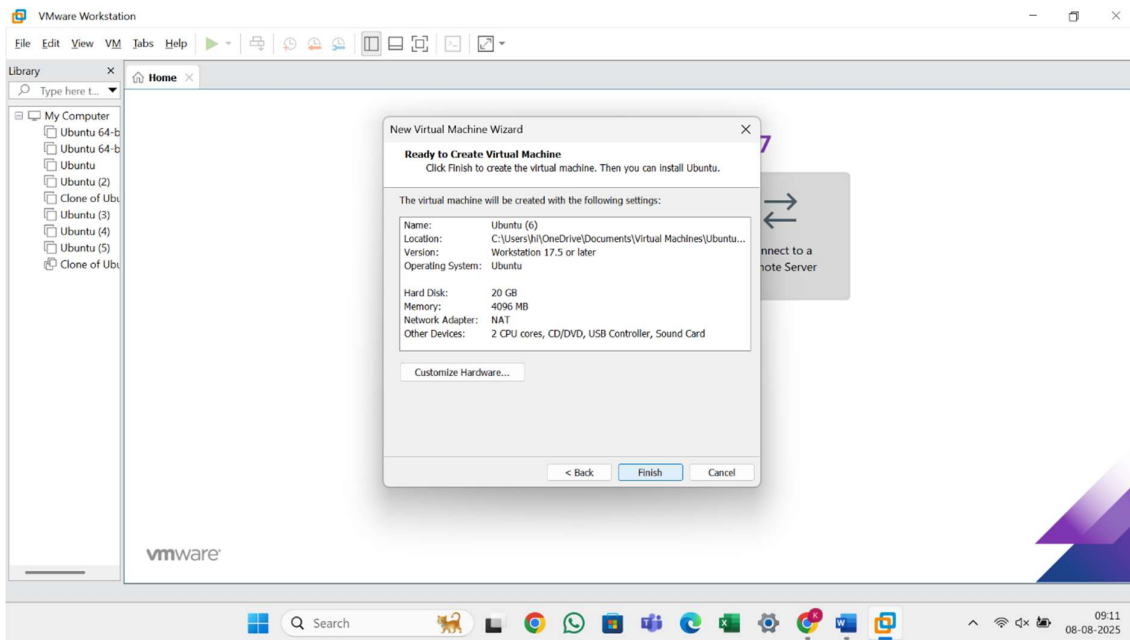
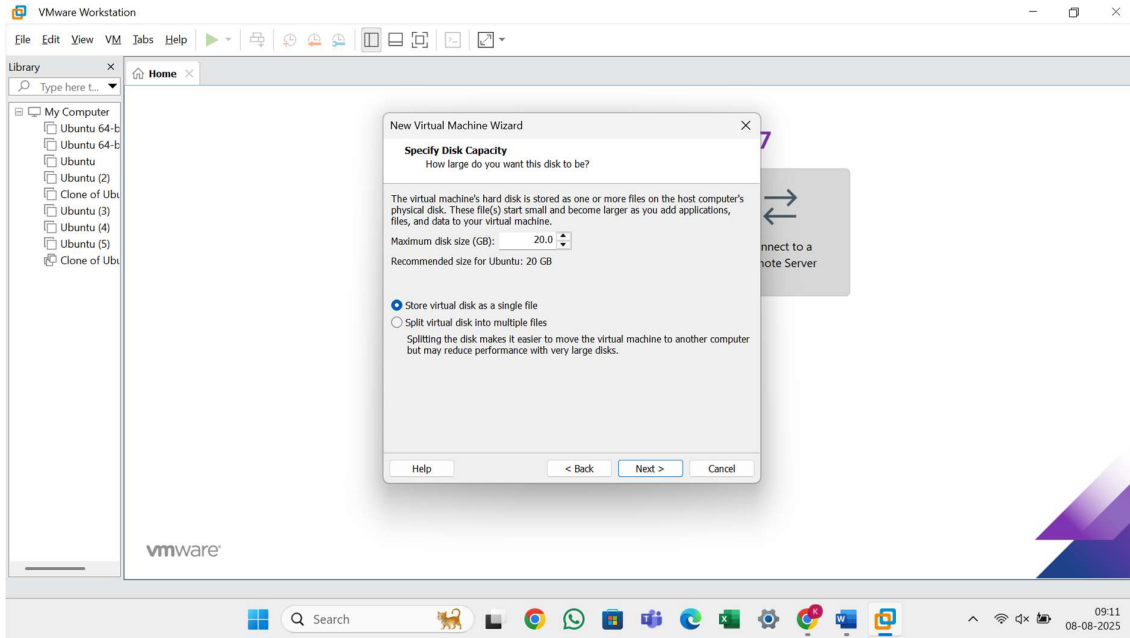
Step 3: Create a Clone of the VM

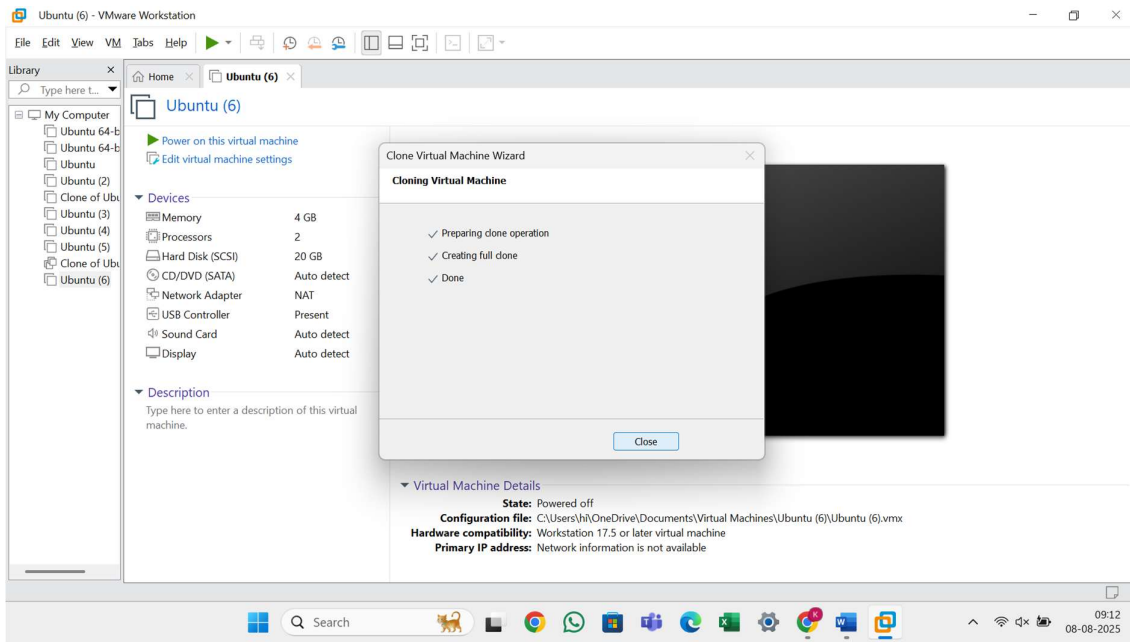
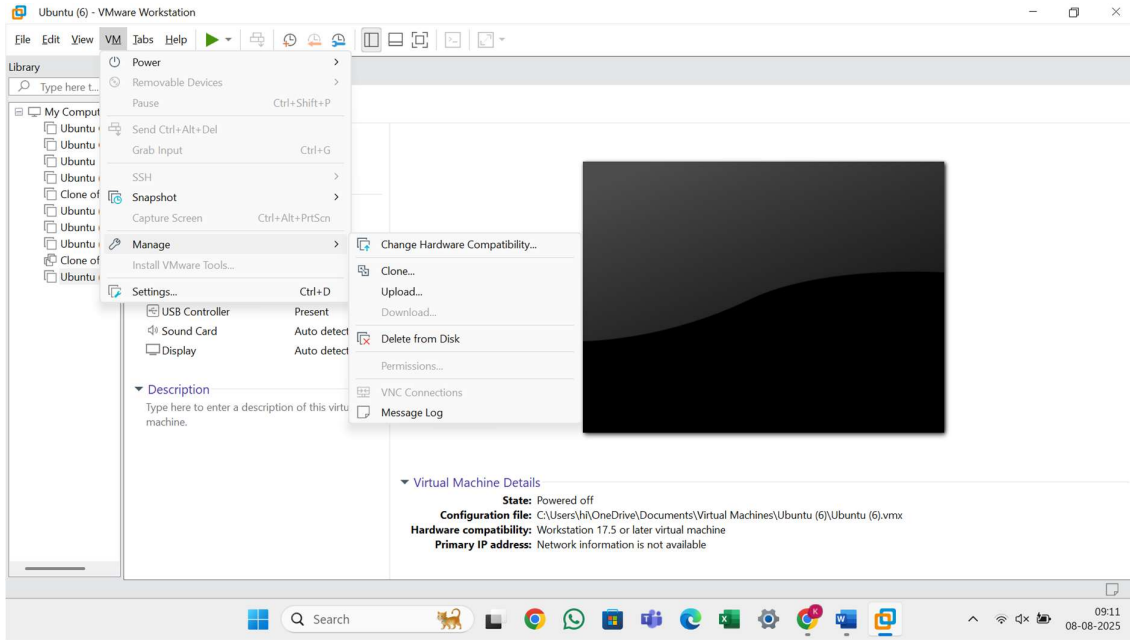
1. Click on the **VM** menu.
2. Go to **Manage** → **Clone**.
3. In the Clone Wizard, select:
 - **Clone from the current state** or
 - **Clone from an existing snapshot**
4. Click **Next**.
5. Choose the clone type:
 - **Full Clone**: An independent copy of the VM.
 - **Linked Clone**: A dependent copy that uses the base VM's disk (saves space but relies on the original VM).
6. Click **Next**, give the clone a **name**, and select the **storage location**.
7. Click **Finish**.

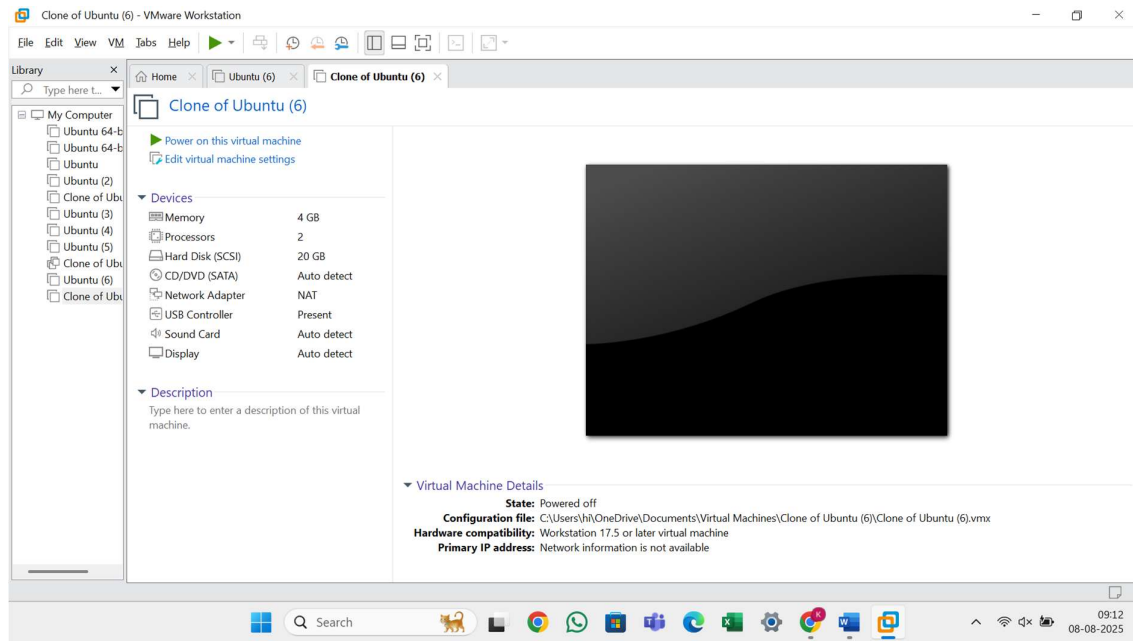
Step 4: Run the Cloned VM

1. Find the cloned VM in the **Library** or in the folder you saved it to.
2. Power on the cloned VM.
3. Test the cloned VM to ensure it runs independently and behaves like the original VM.









Result

A virtual machine was successfully cloned using VMware Workstation. The cloned VM booted independently and retained the original VM's configuration and state. Testing confirmed that it functioned correctly without relying on the original VM.