

CLONING

EXPERIMENT – 16

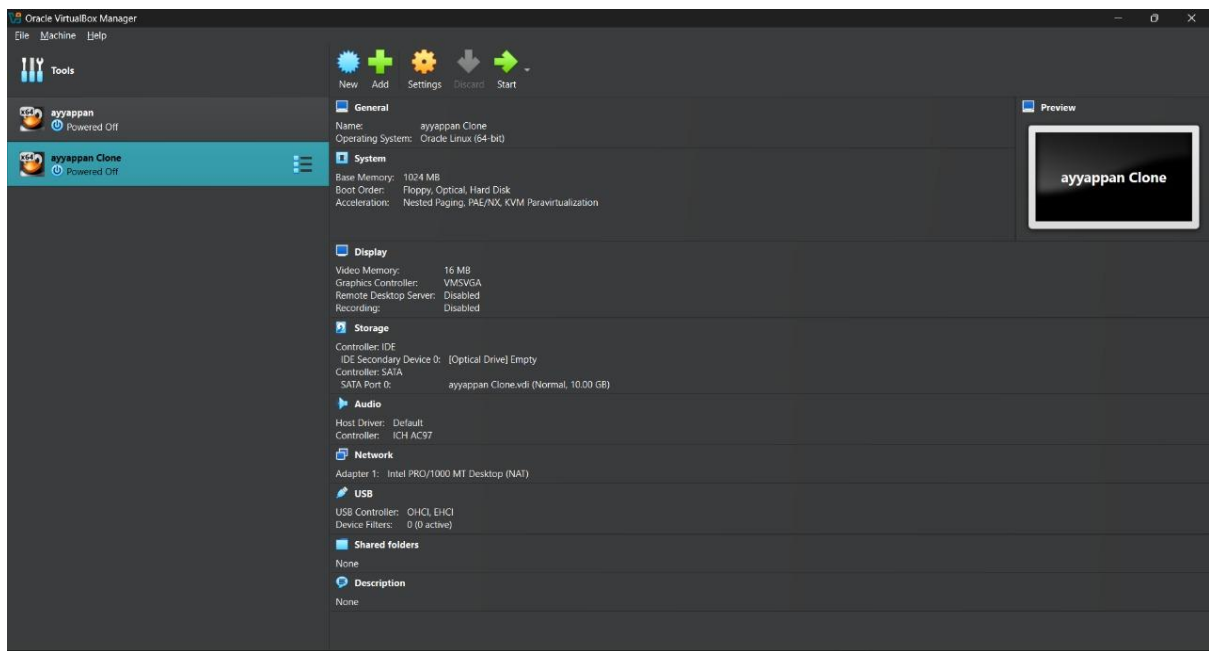
AIM:

To create a clone of a virtual machine and test it by loading the cloned VM using Oracle VirtualBox.

PROCEDURE:

1. **Open Oracle VirtualBox** on your system.
2. Ensure the virtual machine you want to clone is **powered off**.
3. From the left panel, **right-click on the VM** you want to clone.
4. Click on **Clone** from the context menu.
5. In the **Clone Virtual Machine** dialog box:
 - Enter a **new name** for the cloned VM.
 - Click **Next**.
6. Choose the **Clone Type**:
 - **Full Clone**: A completely independent copy of the original VM (uses more disk space).
 - **Linked Clone**: Shares virtual disk with the original VM (saves space, but not fully independent).
 - Select **Full Clone** for complete duplication.
 - Click **Next**.
7. Confirm the settings and click **Finish**.
8. The cloning process will start. Once complete, you will see the **new cloned VM** listed in the VirtualBox Manager.
9. **Start the cloned VM** and verify:
 - It boots up successfully.
 - The system configuration matches the original.
 - It functions independently of the source VM.

OUTPUT:



RESULT:

Thus, the virtual machine was successfully cloned in Oracle VirtualBox and tested by running the cloned instance.