

CREATE VM WITH SPECIFICATIONS

EXPERIMENT – 13

AIM:

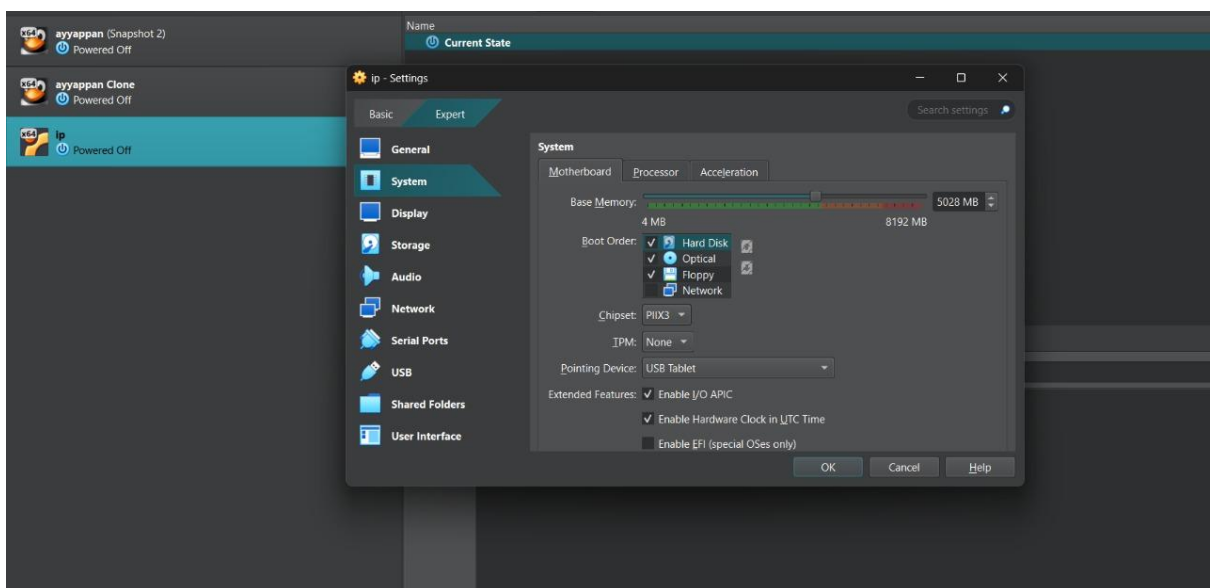
To create a Virtual Machine with 1 CPU, 2GB RAM, and 15GB storage disk using a Type 2 Virtualization Software — Oracle VirtualBox.

PROCEDURE:

1. Open Oracle VirtualBox on your system.
2. Click on the "New" button in the top-left corner to begin creating a new virtual machine.
3. In the Name and Operating System window:
 - Enter a name for your VM (e.g., "MyVM").
 - Choose the Type (e.g., Linux or Windows).
 - Select the Version (e.g., Ubuntu 64-bit or Windows 10).
 - Click Next.
4. In the Memory size section:
 - Set the memory to 2048 MB (2GB) using the slider.
 - Click Next.
5. In the Hard disk window:
 - Select "Create a virtual hard disk now".
 - Click Create.
6. Choose the hard disk file type as VDI (VirtualBox Disk Image) and click Next.
7. Choose "Dynamically allocated" for storage on physical hard disk and click Next.
8. Set the file size of the virtual hard disk to 15 GB and click Create.
9. Once the VM is created, select it and click Settings.

10. In the System tab under Motherboard, you can recheck the RAM (2GB) and make sure EFI and hardware clock settings are as needed.
11. Under the Processor tab, confirm that 1 CPU is allocated.
12. Click OK to save and close the settings.
13. Finally, click Start to boot the VM and proceed to install the operating system using a mounted ISO file.

OUTPUT:



RESULT:

Thus, a virtual machine was successfully created with 1 CPU, 2GB RAM, and 15GB storage using Oracle VirtualBox, demonstrating the use of Type 2 virtualization software.