

8. Create a Virtual Hard Disk and allocate the storage using virtual

Aim

To create a Virtual Hard Disk and allocate storage using Oracle VirtualBox.

Requirements

- Host Operating System (Windows/Linux)
- Oracle VirtualBox installed
- Minimum 10–20 GB free disk space

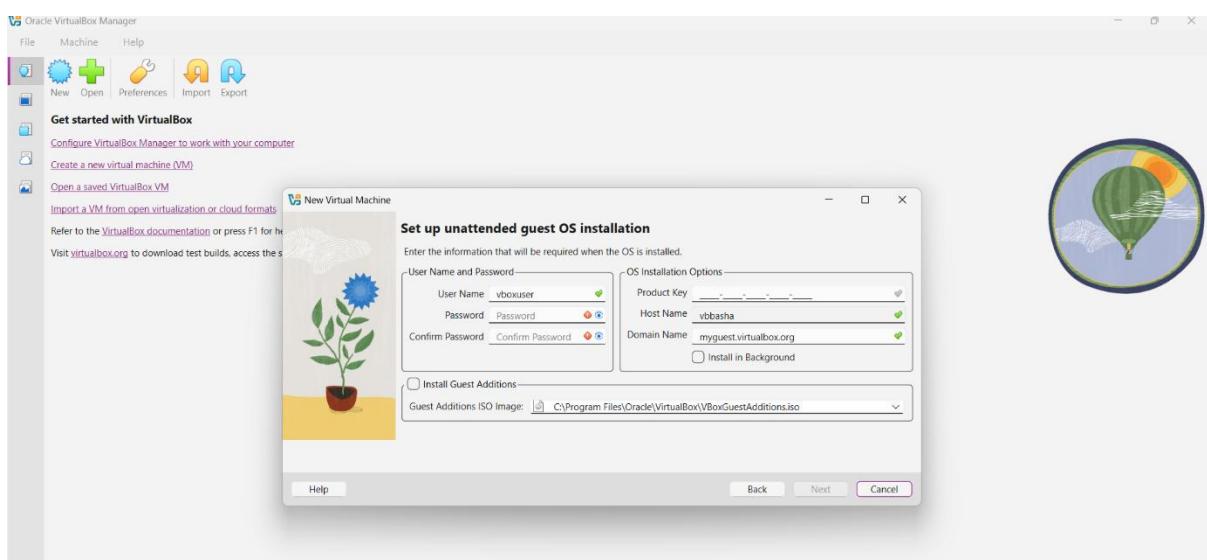
Procedure

Step 1: Open VirtualBox

1. Launch Oracle VirtualBox on the host system.

Step 2: Create a New Virtual Machine

1. Click New.
2. Enter the Name of the virtual machine.
3. Select Type and Version of the operating system.
4. Click Next.

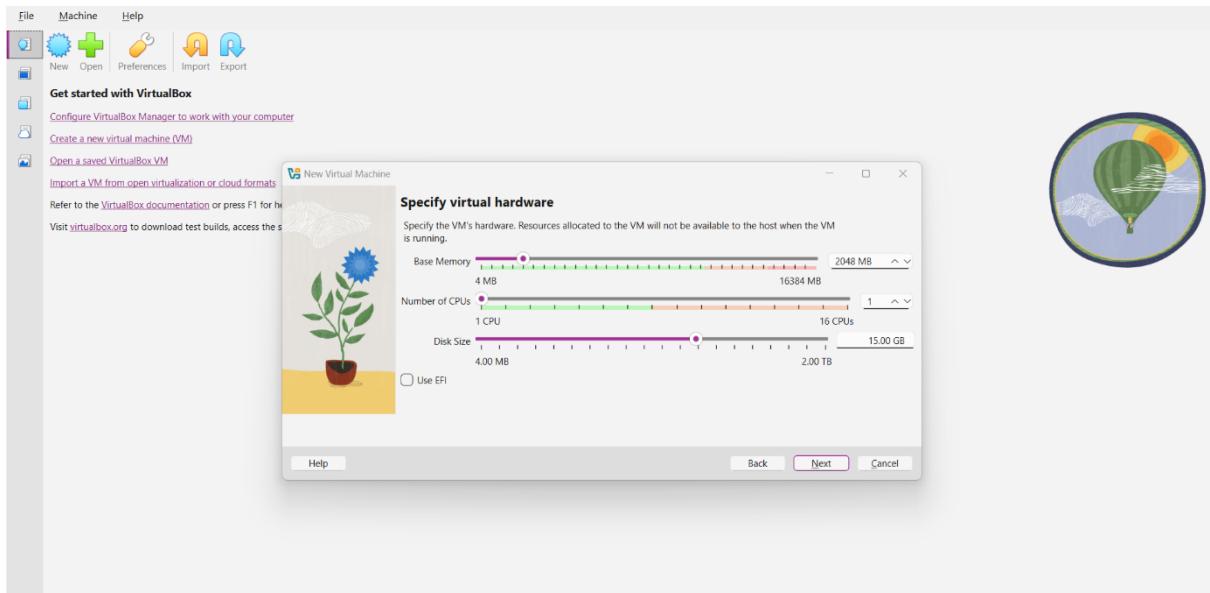


Step 3: Memory Allocation

1. Allocate required RAM (e.g., 2 GB).
2. Click Next.

Step 4: Create Virtual Hard Disk

1. Select Create a virtual hard disk now.
2. Click Create.



Step 5: Choose Hard Disk File Type

1. Select VDI (VirtualBox Disk Image).
2. Click Next.

Step 6: Storage Allocation Type

1. Choose Dynamically allocated (uses disk space as needed)
or
Fixed size (reserves full space immediately).
2. Click Next.

Step 7: Allocate Disk Size

1. Set the Virtual Hard Disk size (e.g., 15 GB or 20 GB).
2. Choose the location to save the disk file.
3. Click Create.

Step 8: Verify Virtual Hard Disk

1. Select the created VM.
2. Go to Settings → Storage.
3. Verify the attached virtual hard disk and allocated size.

Result

A Virtual Hard Disk was successfully created and storage was allocated using Oracle VirtualBox.

Output:

