

13. Create a Virtual Machine with 1 CPU, 2GB RAM and 15GB storage disk using a Type 2 Virtualization Software using Vmware workstation.

Aim

To create a Virtual Machine with 1 CPU, 2 GB RAM, and 15 GB storage disk using Type 2 Virtualization Software (VMware Workstation).

Procedure

1. Launch VMWare Workstation

- Open VMWare Workstation on the host system.
- Ensure the software is properly installed and licensed.

2. Create a New Virtual Machine

1. Click on File → New Virtual Machine.
2. Select Typical (recommended) and click Next.

3. Select Installation Media

- Choose one of the following:
 - Installer disc (ISO image file) – if you have an OS ISO file.
 - I will install the operating system later – to create a blank VM.
- Click Next.

4. Select Guest Operating System

- Choose the appropriate Guest Operating System (e.g., Linux or Windows).
- Select the correct Version.
- Click Next.

5. Name the Virtual Machine

- Enter a Virtual Machine Name.
- Choose a Location to store VM files.
- Click Next.

6. Configure Disk Capacity

1. Set Maximum disk size to 15 GB.
2. Choose Store virtual disk as a single file (recommended).
3. Click Next.

7. Customize Hardware

1. Click Customize Hardware.
2. Set the following:
 - Memory (RAM): 2048 MB (2 GB)
 - Processors: 1 CPU
3. Verify other hardware settings if required.
4. Click Close.

8. Finish Virtual Machine Creation

- Review the configuration details.
- Click Finish to create the virtual machine.

9. Power On the Virtual Machine

- Select the newly created virtual machine.
- Click Power on this virtual machine.
- Proceed with operating system installation if required.

Result:

A virtual machine with 1 CPU, 2 GB RAM, and 15 GB storage was successfully created using VMware Workstation, a Type 2 Virtualization Software.

Output:

