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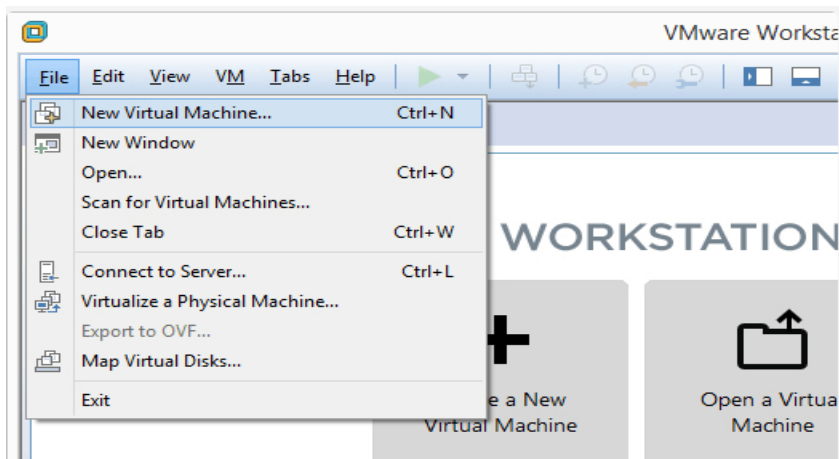
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## **CVT EXPERIMENT 8**

**AIM:** Create a new virtual machine using VMware workstation specifying parameters such as operating system, disk size and memory allocation:

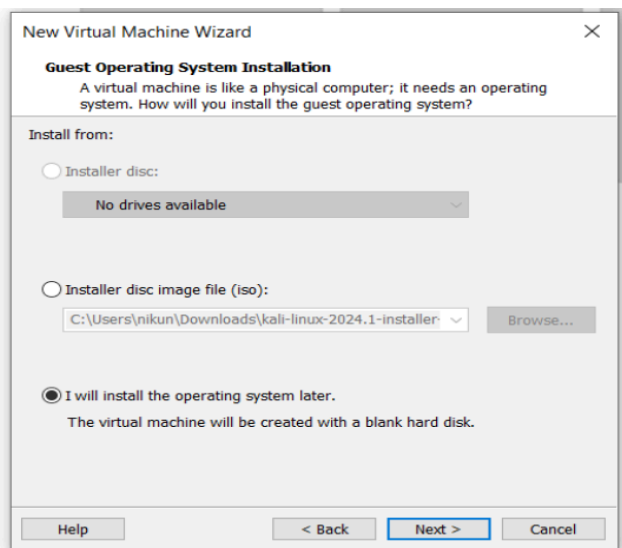
### **1. Launch the Wizard**

- Open VMware Workstation
- Go to **File** → **New Virtual Machine**
- Choose **Typical (recommended)**
- Click **Next**



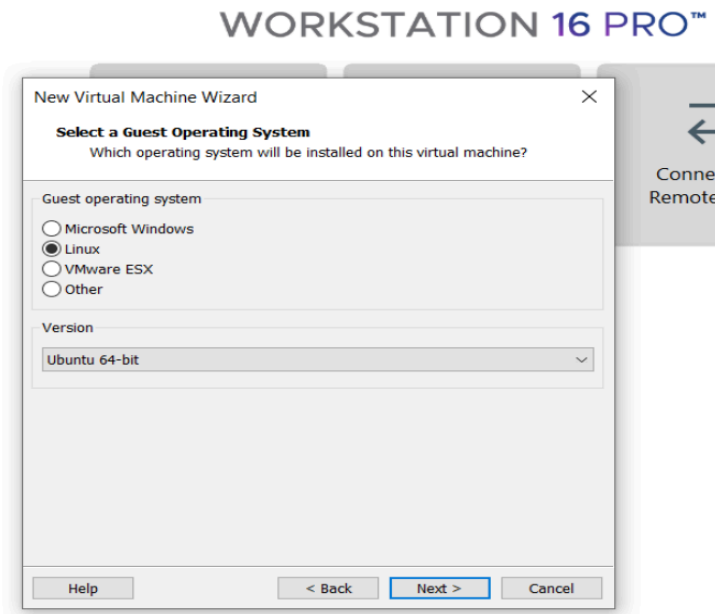
### **2. Choose Installation Media**

- Select whether to install the OS **now** (from ISO or disc) or **later**
- If you choose to install now, browse and select the **ISO file** or choose the **physical disc**



### 3. Guest Operating System Selection

- Choose the **operating system type** (e.g., Windows, Linux)
- Select the **version** (e.g., Windows 11)

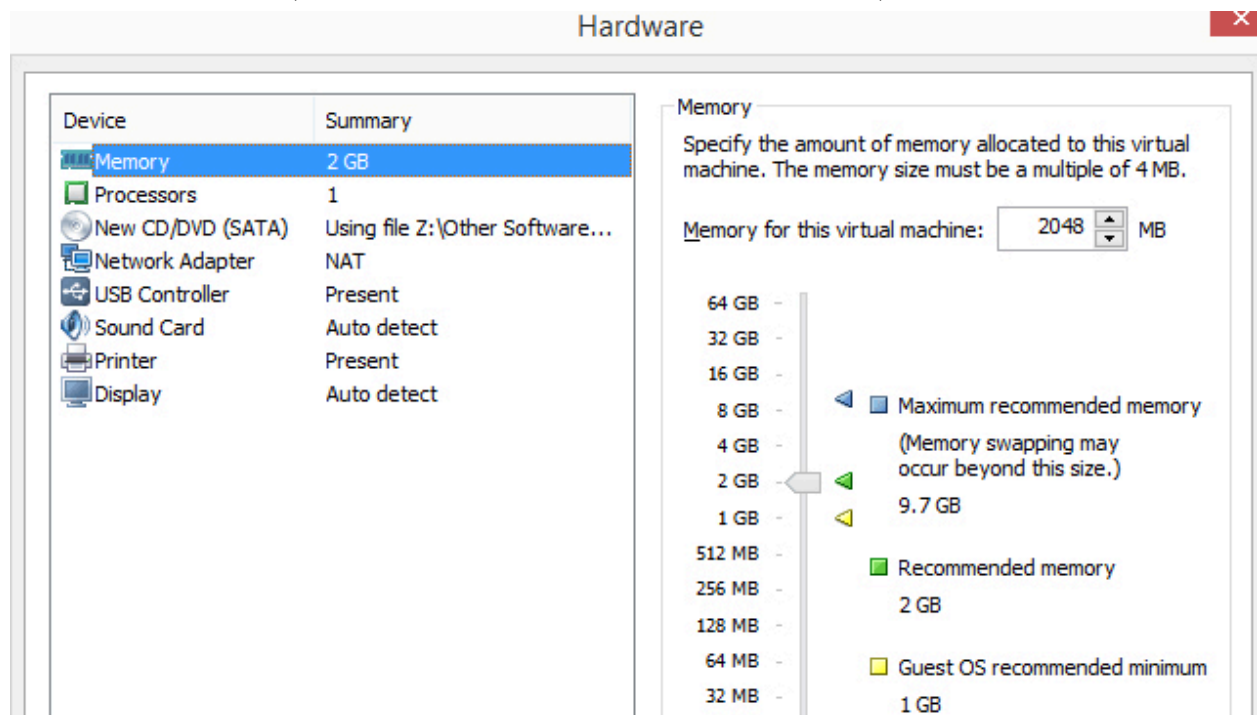


### 4. Name & Location

- Enter a name for the VM (e.g., **Windows 11 Test VM**)
- Choose a **location** for VM files

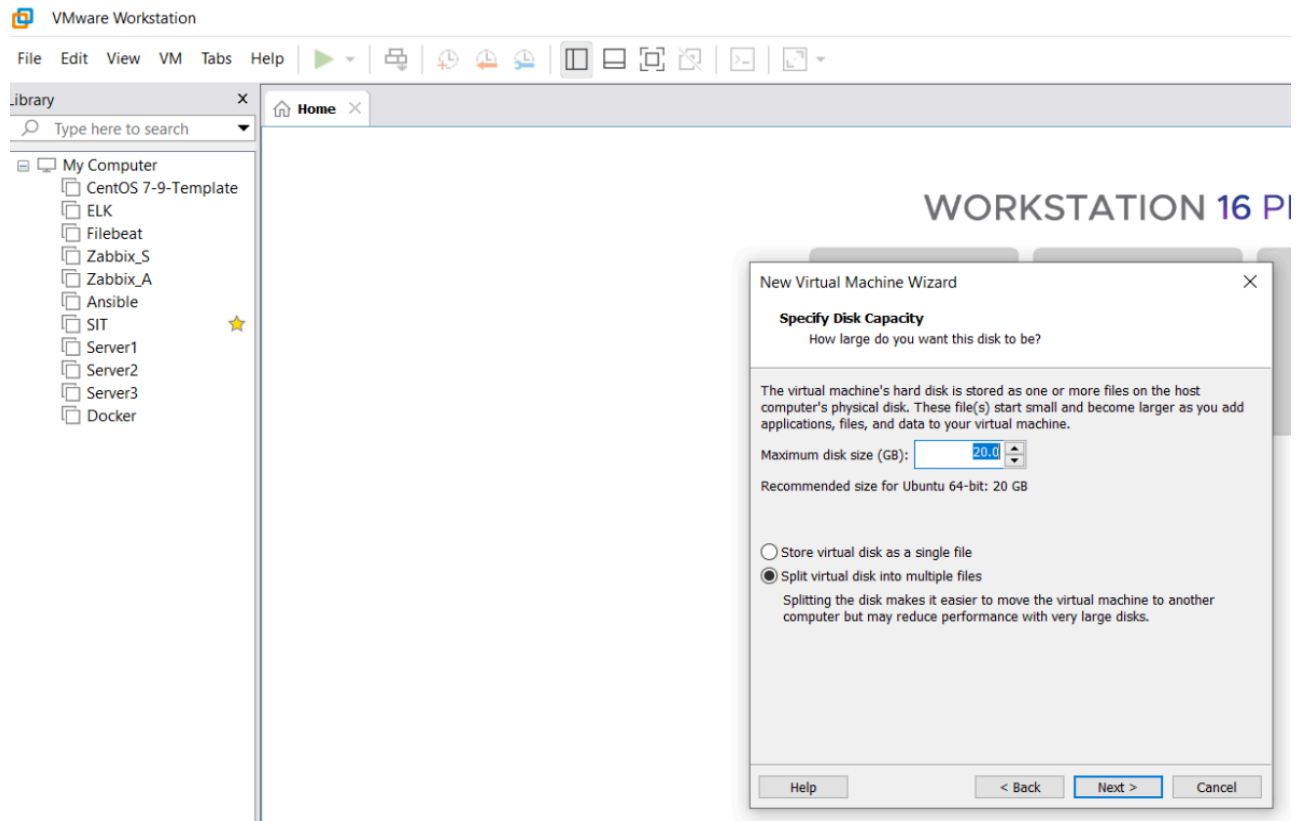
### 5. Processor & Memory Allocation

- Set the number of **CPU cores**
- Allocate **RAM** (based on OS requirements and host capacity)



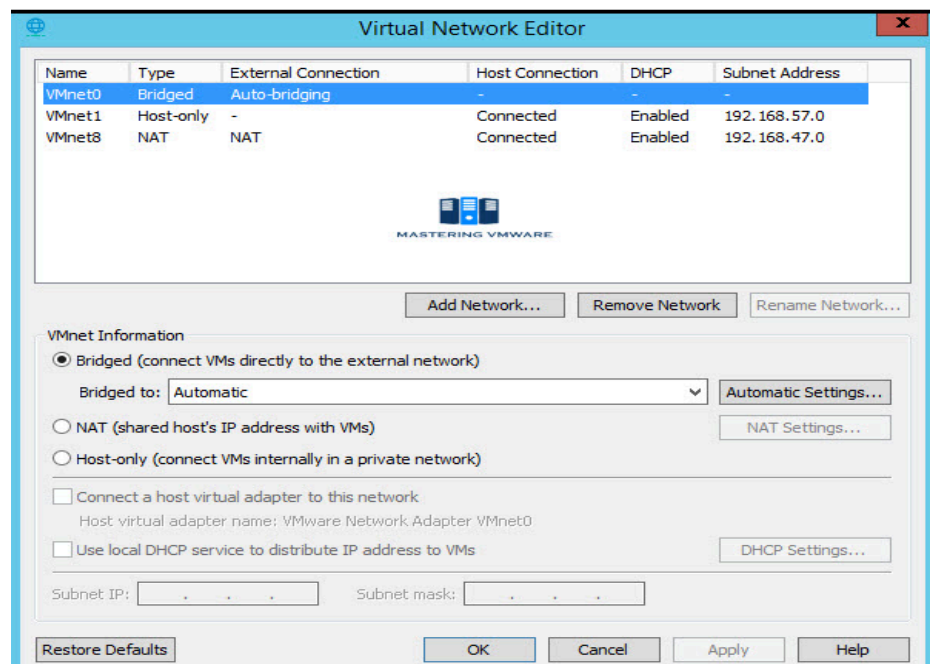
## 6. Disk Configuration

- Specify **disk size**
- Choose between:
  - **Single file** (better performance)
  - **Split into multiple files** (easier to move)
- Choose to create a new virtual disk or use an existing one



## 7. Network Settings

- Select network mode:
  - **Bridged**
  - **NAT**
  - **Host-Only**
- Click **Finish** to create the VM



## 8. Install the Guest Operating System

- Boot the VM
- Proceed with the **OS installation** (follow on-screen setup)
  - Partitioning and formatting
  - Account setup
  - File copy and final configuration
- VM will restart and complete OS setup

## 9. Configure the Virtual Machine (Post-installation)

Fine-tune settings after installation for better performance:

### Hardware Settings

- **Add/Remove CPUs or RAM:** Go to VM settings → Hardware → Adjust
- **Disk management:** Add, remove, or expand disks

### Network Settings

- Change to **Bridged, NAT, or Host-Only** as needed
- Configure **IP manually or via DHCP**

## Conclusion:

A virtual machine was successfully created using **VMware Workstation** by specifying key parameters such as the operating system, memory size, and disk space. This experiment demonstrated how VMware enables easy setup and management of virtual environments for various computing needs.