EXPERIMENT 6

Demonstration of Virtualization by Installing a Type-2 Hypervisor Using VirtualBox

Aim

To demonstrate virtualization by installing a **Type-2 Hypervisor (VirtualBox)** and creating a virtual machine with a host operating system.
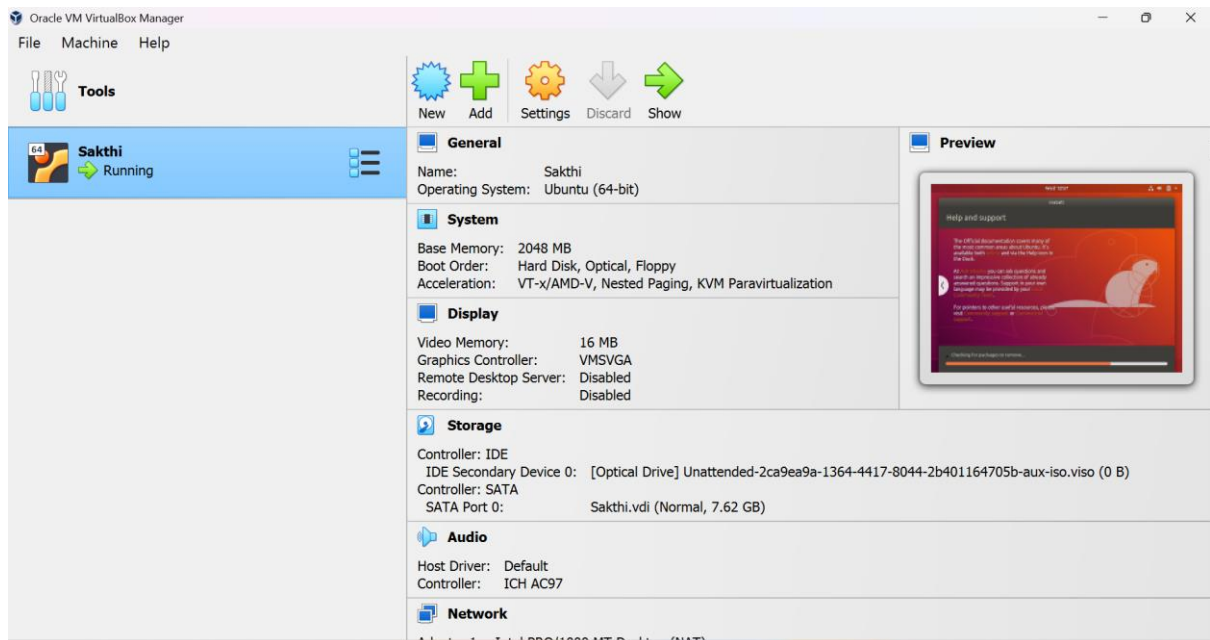
Requirements

- Oracle VirtualBox
- Host Operating System (Windows/Linux)
- Minimum 4GB RAM system
- ISO file of Guest OS

Procedure

1. Download Oracle VirtualBox from the official website.
2. Install VirtualBox on the host system.
3. Launch VirtualBox after installation.
4. Verify that VirtualBox runs on top of the existing host OS, confirming it is a **Type-2 Hypervisor**.

Output

- VirtualBox installed successfully.
- Hypervisor runs on the host operating system.

Result

Thus, virtualization was successfully demonstrated by installing a **Type-2 Hypervisor (VirtualBox)** on the host system.