Experiment 6:- To demonstrate Virtualization by Installing Type-2 hypervisor in your device, create & configure VM image & host operating system.

Requirements:-

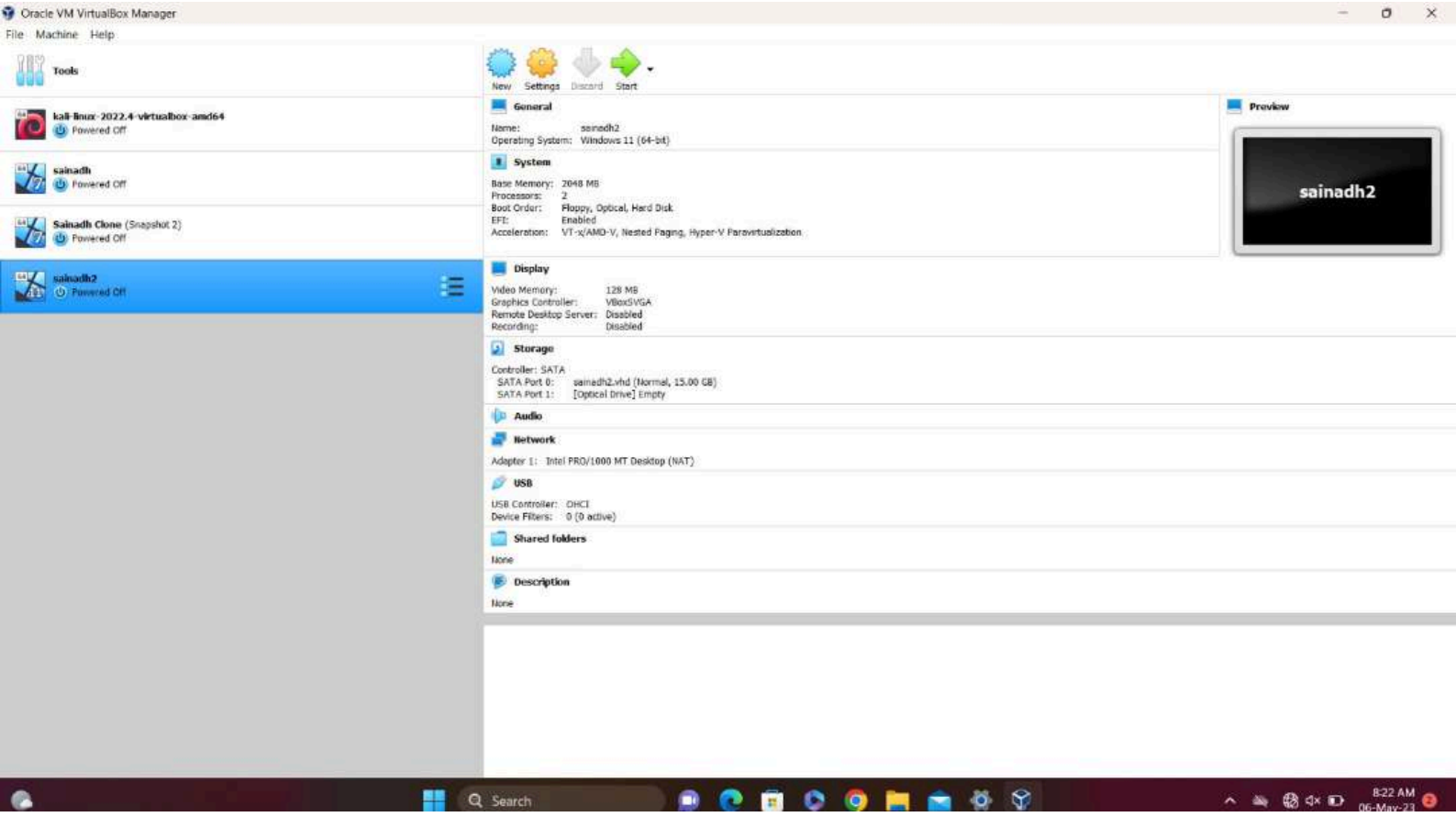
VM ware workstation.

Procedures:-

1. Install VMware work station.
2. choose to create a Virtual Machine.
3. we will have acces to create different os.
4. we have to chose the os. I am gonna choose Windows 10
5. Then create a new Virtual disk.
6. gives the required capacity of Memory & required No. of Processors.
7. Then, we have to finish the processing & start booting the os.
8. If we want to do any changes we have to Power of the system.

Result:

The VM for Windows 10 is successfully created.


Oracle VM VirtualBox Manager
File Machine Help
Tools
kali-linux-2022.4-virtualbox-amd64
Powered Off
sainadh
Powered Off
Sainadh Clone (Snapshot 2)
Powered Off
sainadh2
Powered Off
New Settings Discard Start
General
Name: sainadh2
Operating System: Windows 11 (64-bit)
System
Base Memory: 2048 MB
Processors: 2
Boot Order: Floppy, Optical, Hard Disk
EFI: Enabled
Acceleration: VT-x/AMD-V, Nested Paging, Hyper-V Paravirtualization
Preview
sainadh2
Display
Video Memory: 128 MB
Graphics Controller: VBoxSVGA
Remote Desktop Server: Disabled
Recording: Disabled
Storage
Controller: SATA
SATA Port 0: sainadh2.vhd (Normal, 15.00 GB)
SATA Port 1: [Optical Drive] Empty
Audio
Network
Adapter 1: Intel PRO/1000 MT Desktop (NAT)
USB
USB Controller: OHCI
Device Filters: 0 (0 active)
Shared folders
None
Description
None
Search
8:22 AM
06-May-23