

Experiment No.: 2

Aim -

Creating and running virtual machines on Hosted Hypervisor like Virtual Box.

Theory -

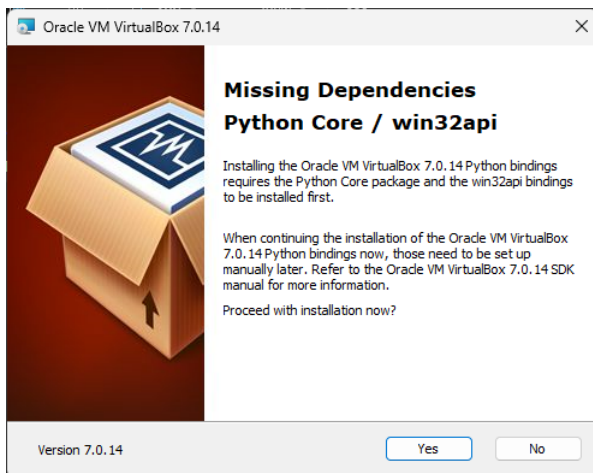
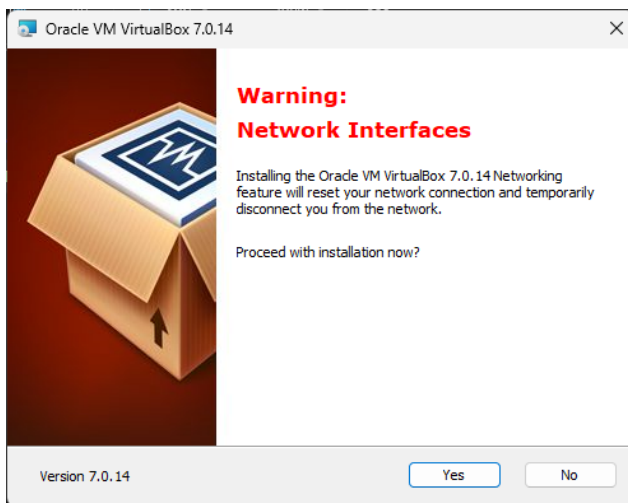
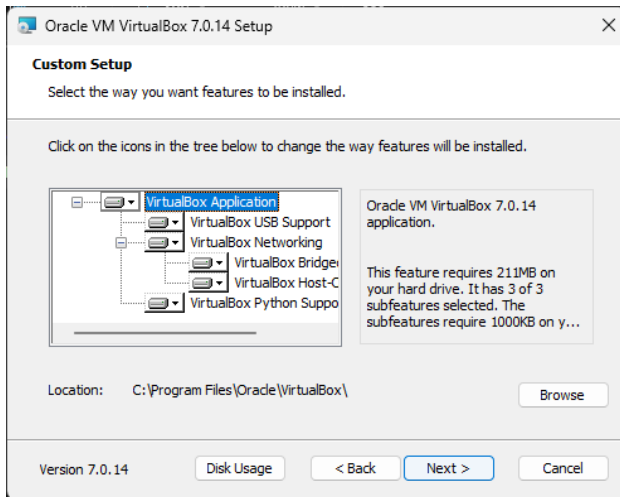
Kernel-based Virtual Machine (KVM) is an open source virtualization technology built into Linux®. Specifically, KVM lets you turn Linux into a hypervisor that allows a host machine to run multiple, isolated virtual environments called guests or virtual machines (VMs).

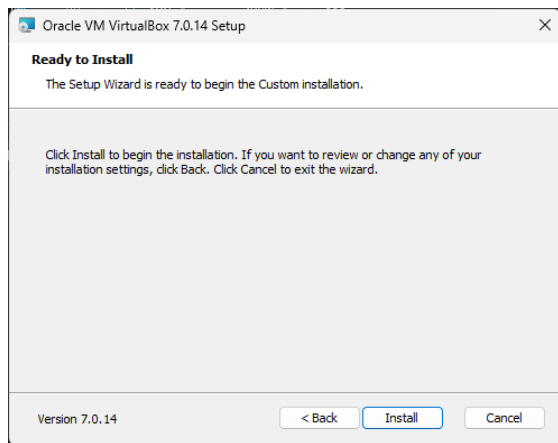
KVM is part of Linux. If you've got Linux 2.6.20 or newer, you've got KVM. KVM was first announced in 2006 and merged into the mainline Linux kernel version a year later. Because KVM is part of existing Linux code, it immediately benefits from every new Linux feature, fix, and advancement without additional engineering.

Procedure -

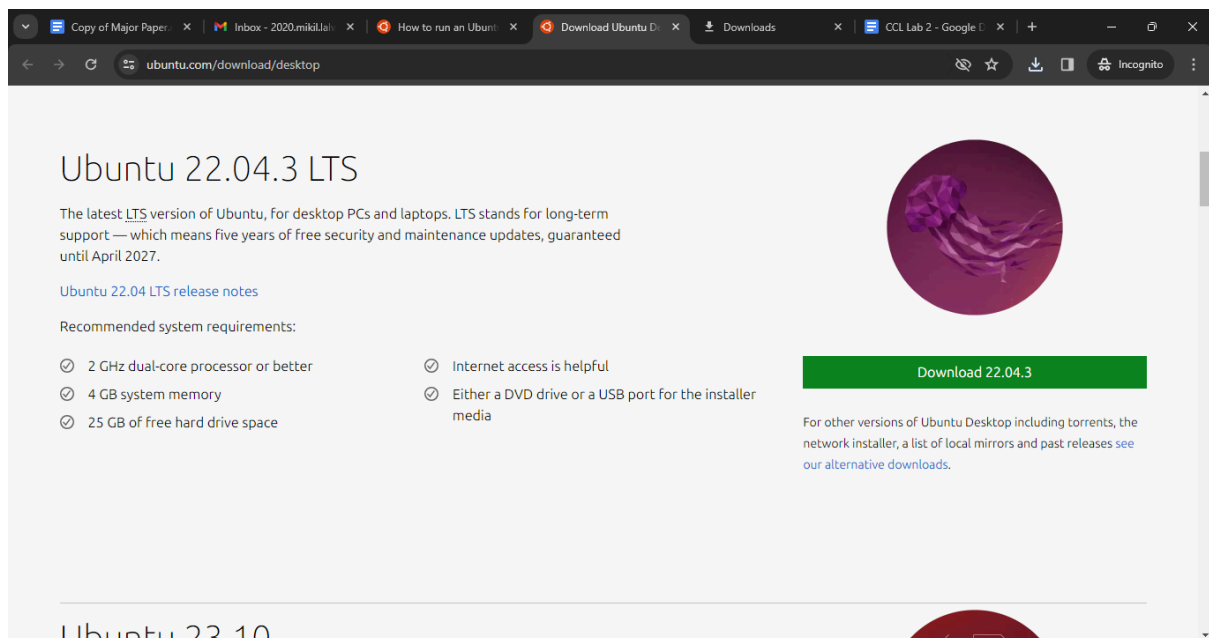
1. Download and install VirtualBox.



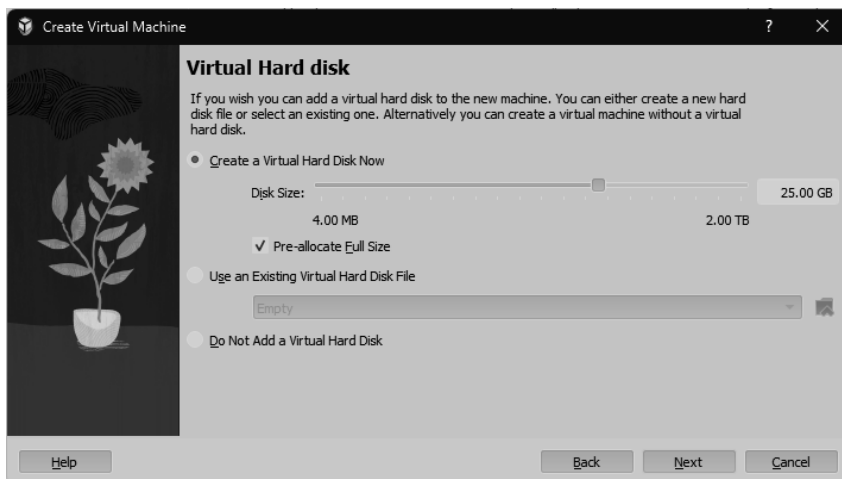
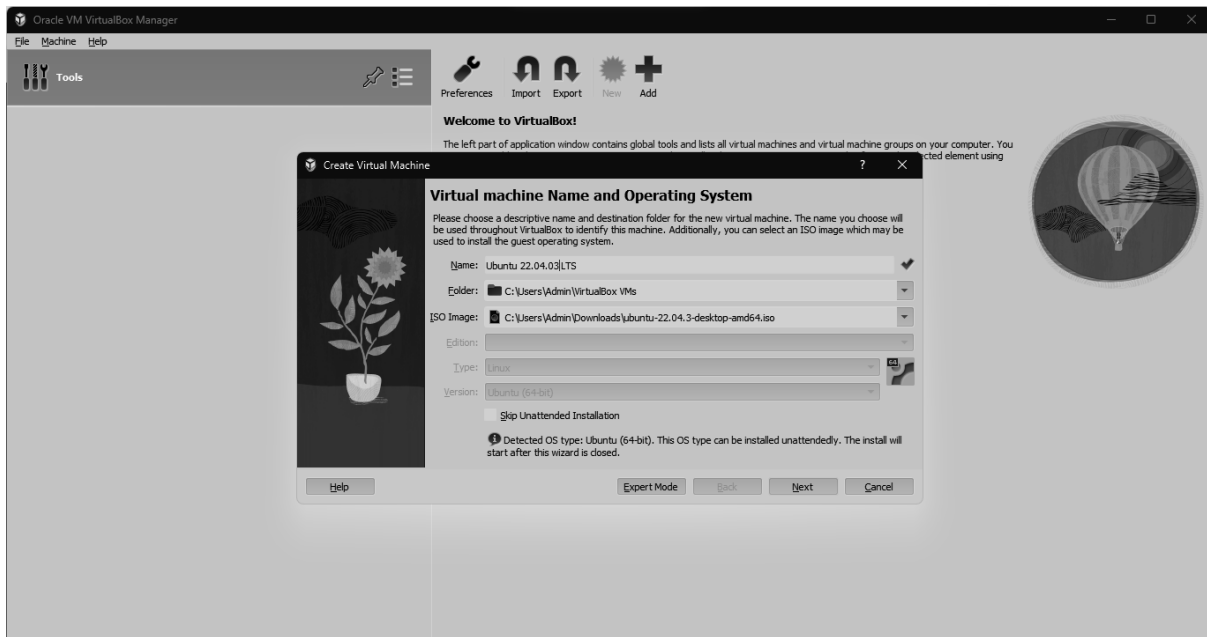




2. Download the latest Ubuntu ISO to create a new VM.



3. Create a new VM by clicking on “New” and follow the instructions below.





Conclusion -

Thus we have successfully learned about creating and running virtual machines on Hosted Hypervisor like Virtual Box.