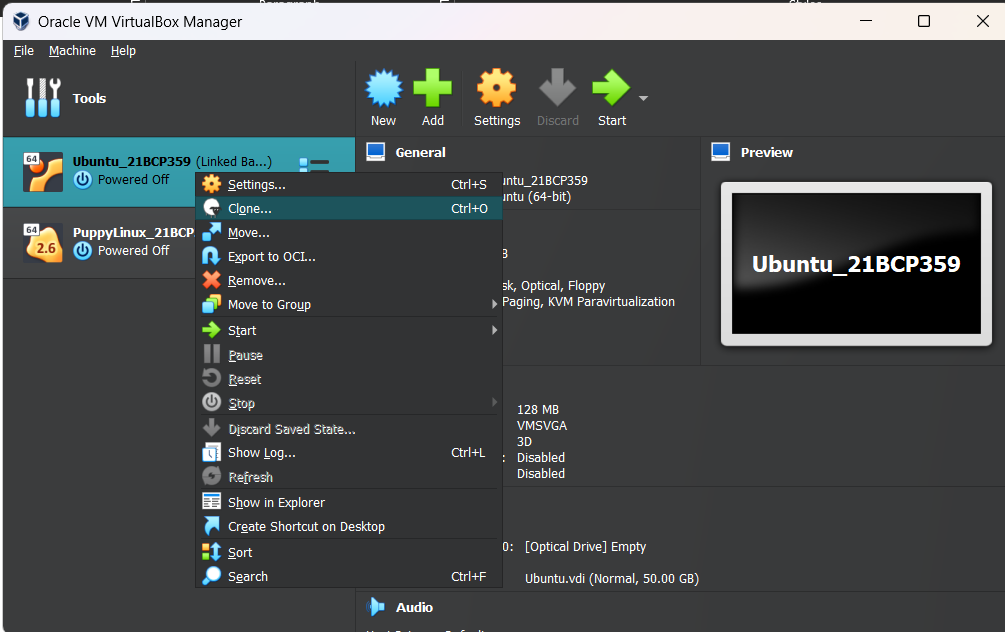
**Lab 3 Assignment**

**Aim:** To Install and configure VMware Workstation Pro or Oracle Virtual Box for creating Virtual Machines, cloning, and deleting VMs.

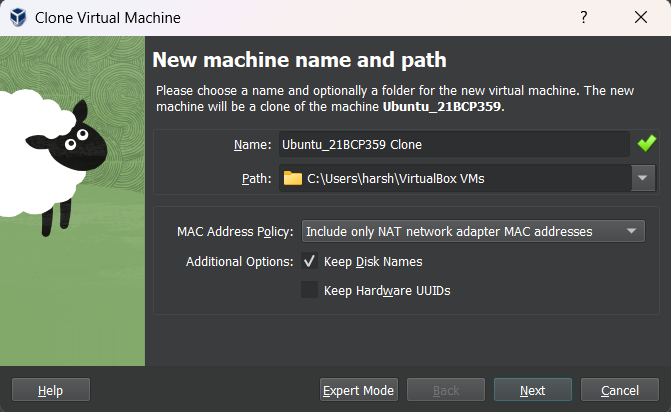


1. **Cloning of Virtual Machines:**
2. **Linked Cloning**

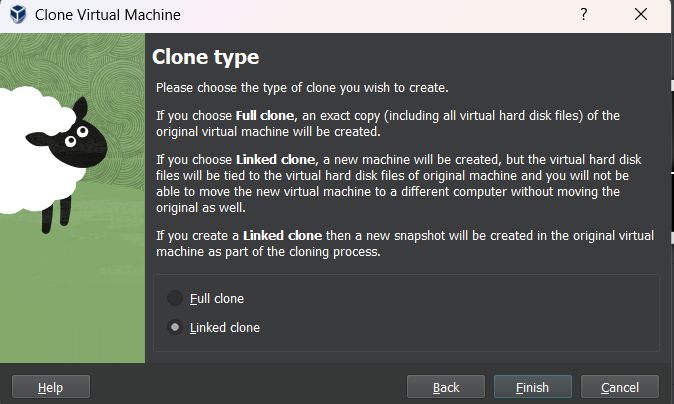
* Right Click on VM and select clone



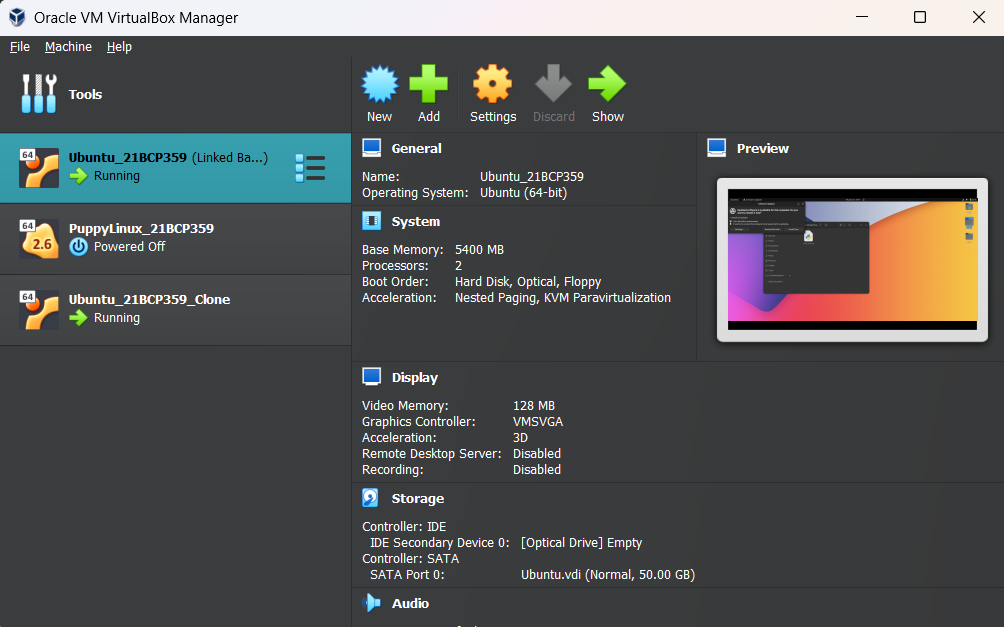
* Give necessary details



* Select Linked Clone

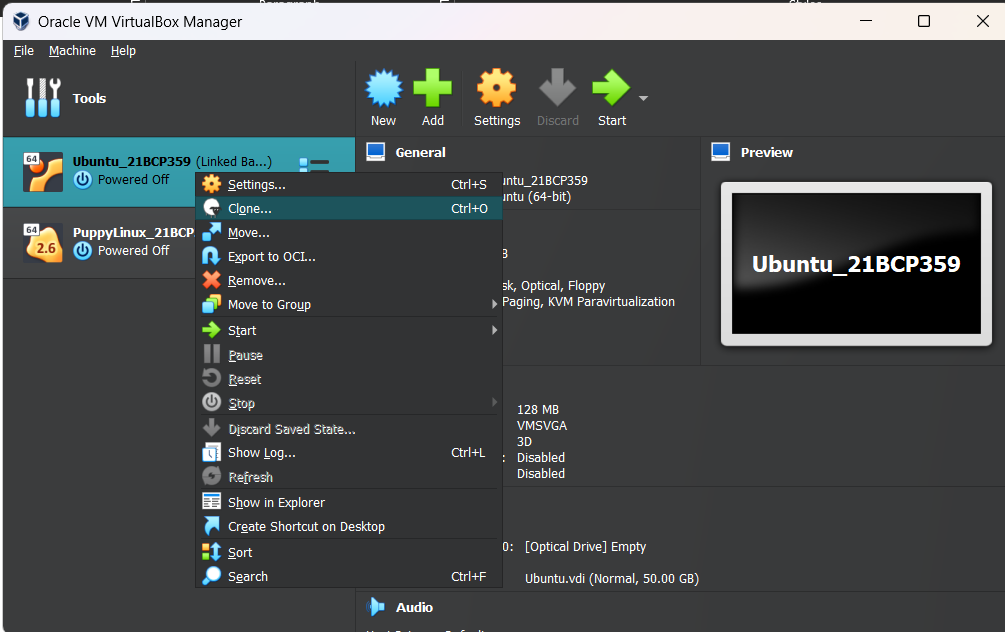


* The Linked Clone is Ready

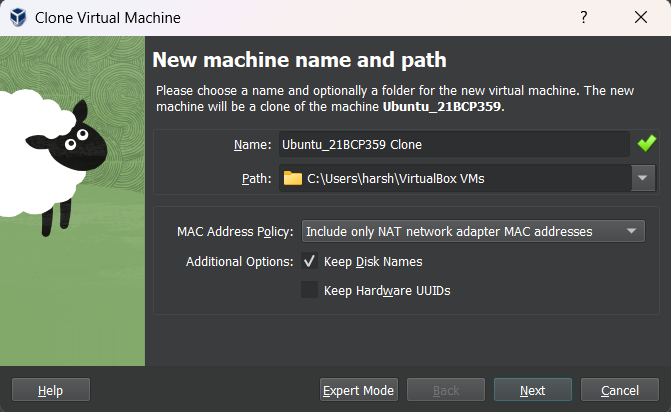


1. Full Cloning

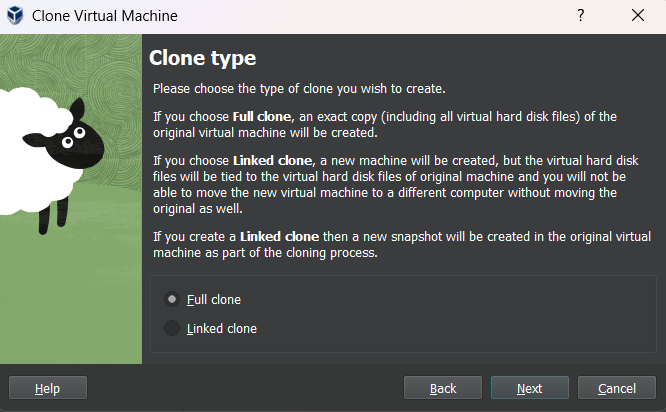
* Right Click on VM and select Clone

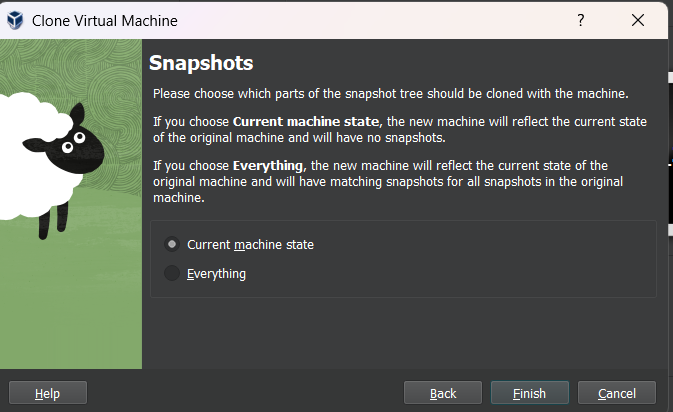


* Give Necessary details

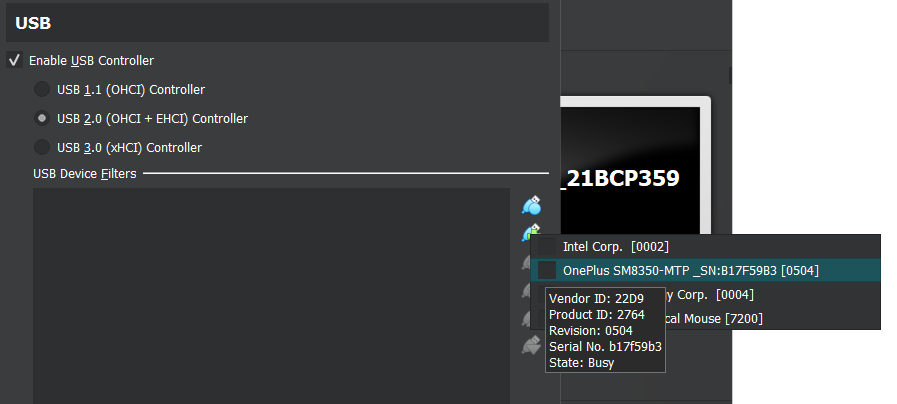


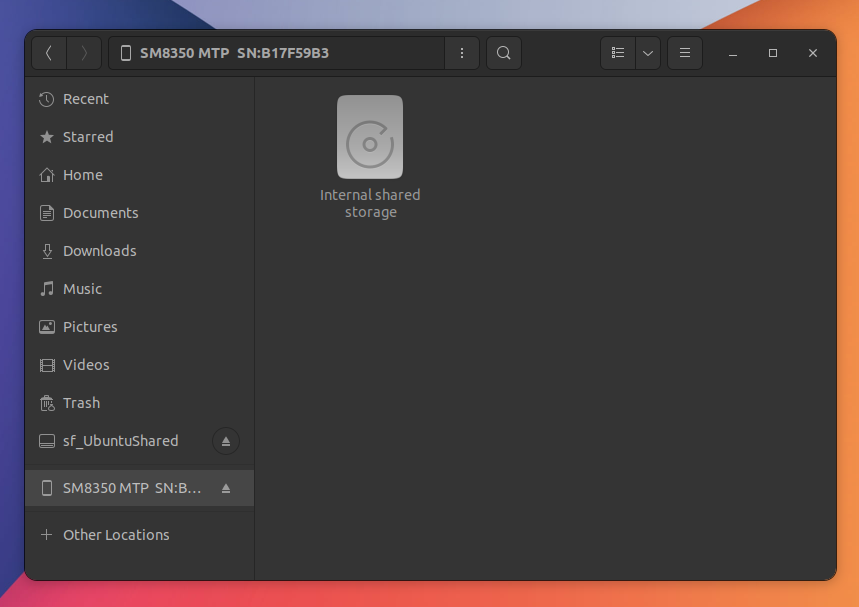
* Select Full Clone



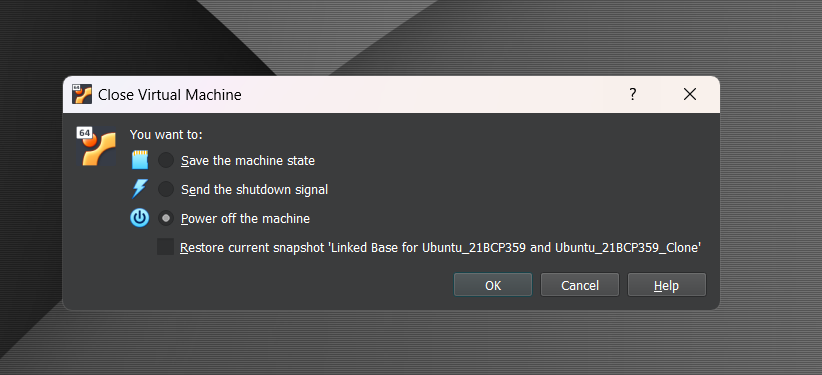
* Snapshots: Select Current Machine State

1. **Add a USB Controller to Virtual Machine**

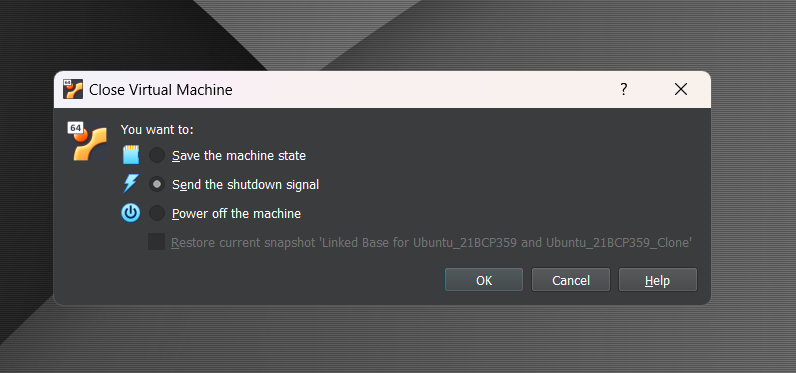




1. **Closing Virtual Machines & Exiting VMM**
   1. Hard Power Off



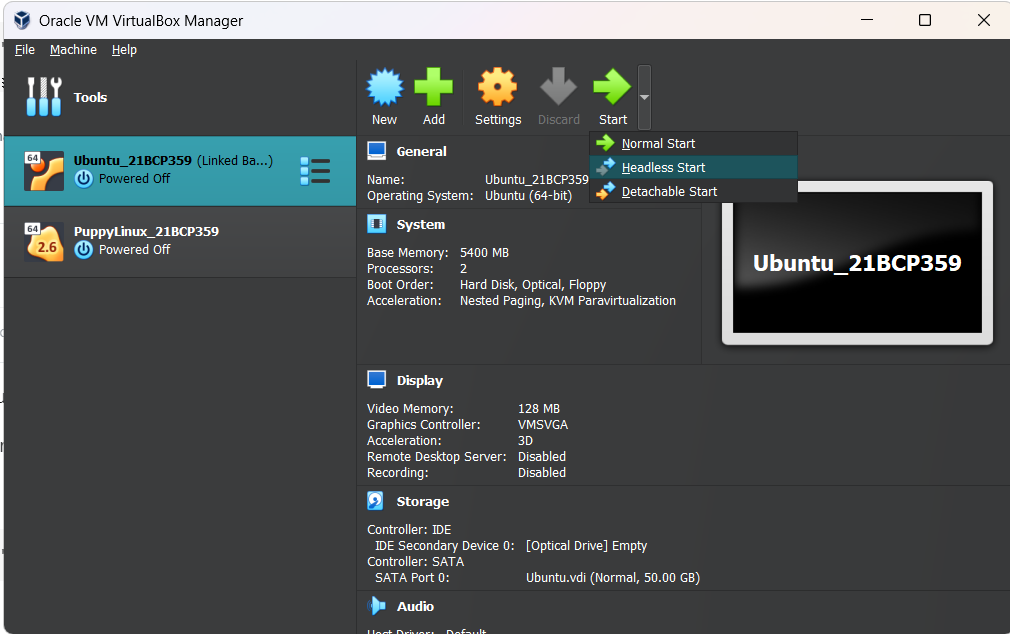
* 1. Soft Power Off



* 1. Configure Virtual Machine to Run in the Background



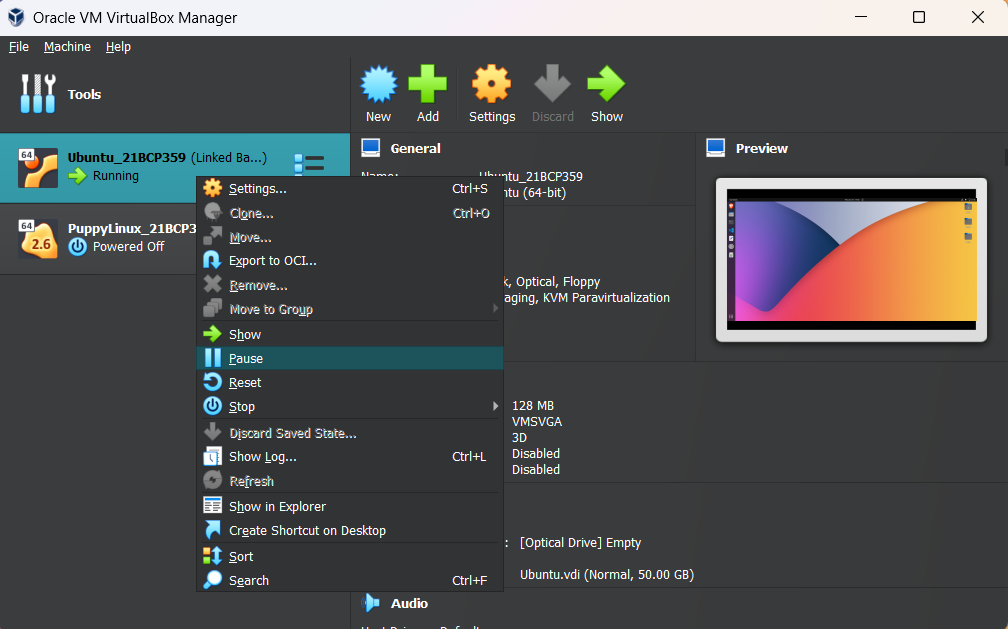
* In Start menu of VM click Headless Start



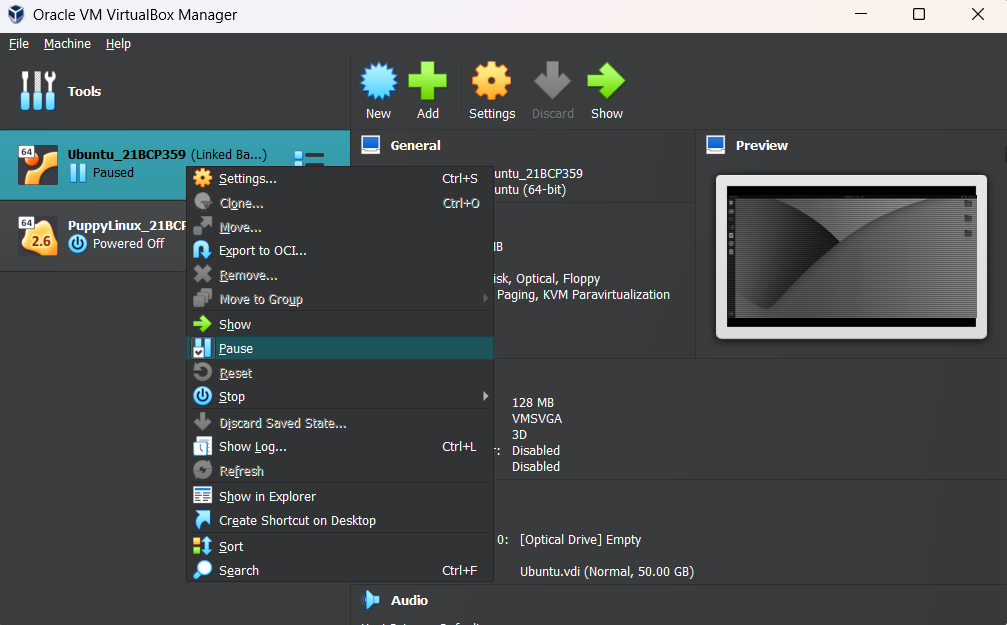
* 1. Pause and Un-pause a Virtual Machine



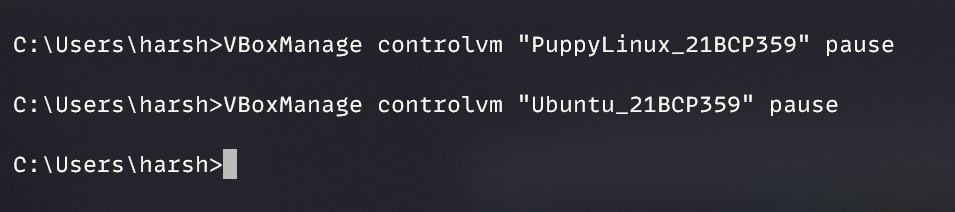
Right click on VM and click Pause to Pause

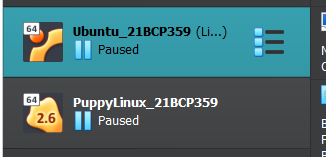


Again click Pause to Resume



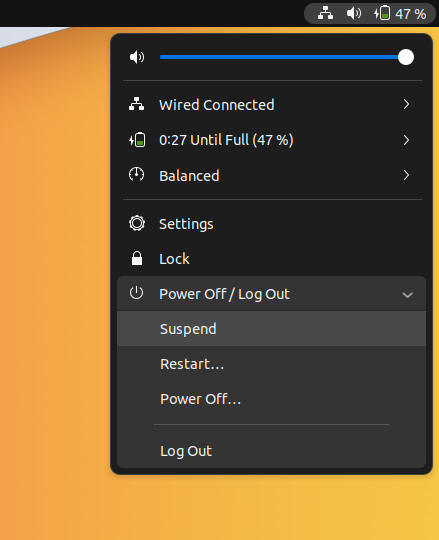
* 1. Pause all Virtual Machine without interacting Virtual Box





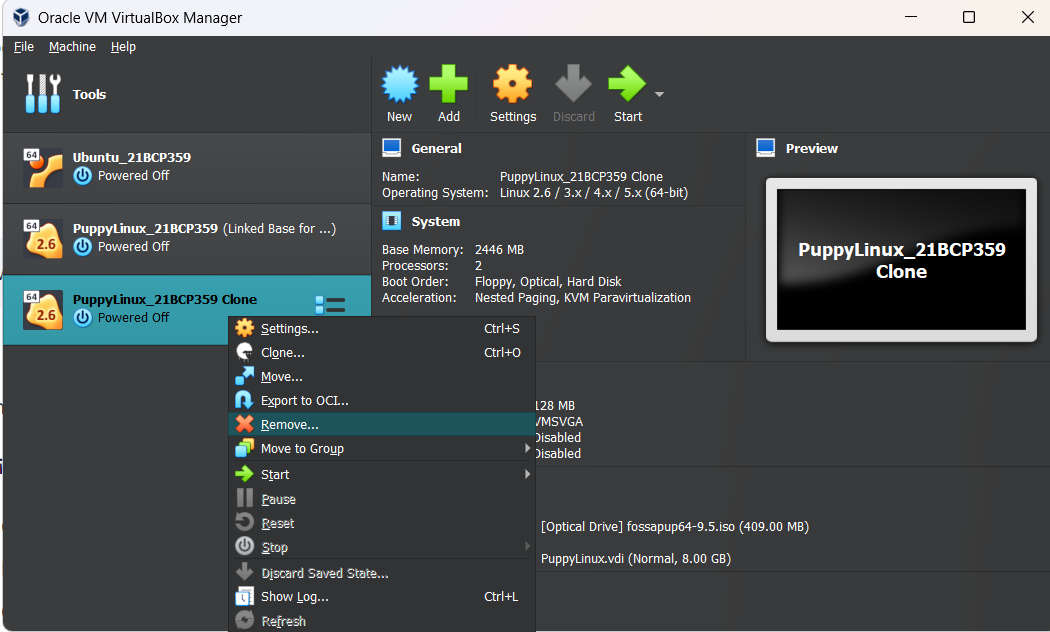
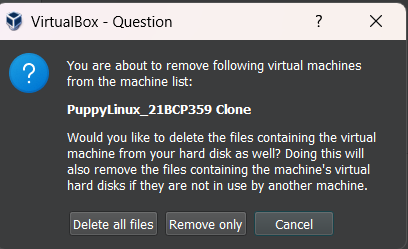
* 1. **Suspend and Resume Virtual Machines**

In power menu of Guest OS click Suspend



1. **Delete a Virtual Machine from the disk**

Right click on VM and select Delete. Then click Delete all files

1. **To take snapshot of Virtual Machines**

Click on Tools icon on VM and select Snapshots. Give a name and click OK

