

Continuous Assessment – 1

CSE -427

VIRTUALIZATION AND CLOUD COMPUTING LABORATORY

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Group : 2
Roll No. : RK20CTB51
Course code : CSE427
Task : Continuous Assessment 1
Date : 23-02-2023

Under the guidance of
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(27337).

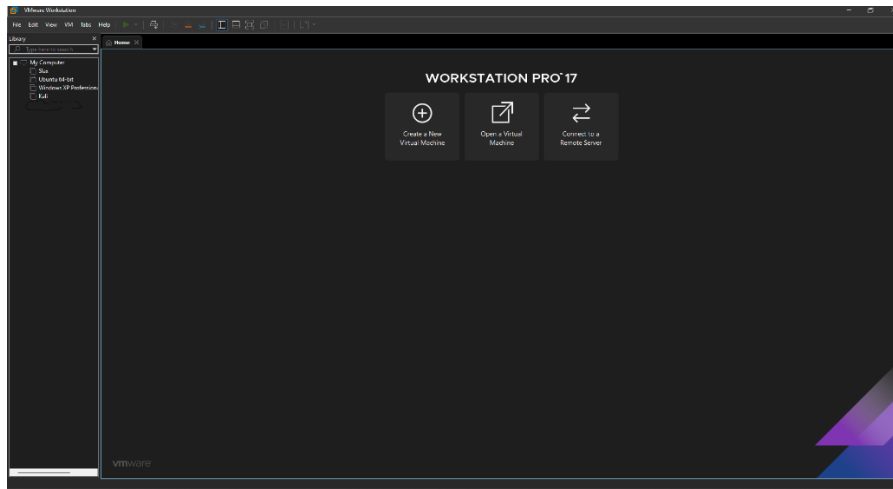


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Task 1 :- Installation of Slax Operating System

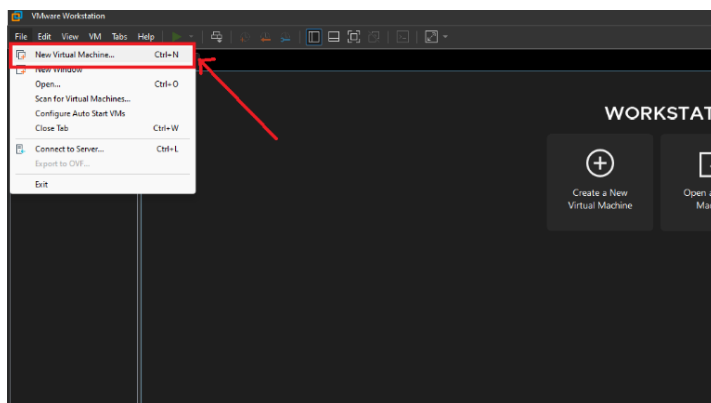
Step 1: Open Workstation pro 17 in your system

This is the Interface of Virtual Machine pro 17 version.

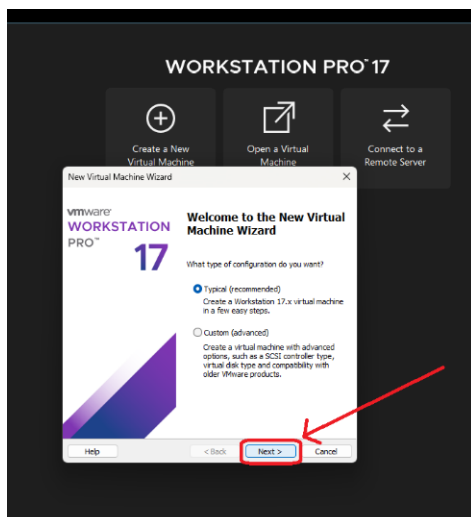


- Install ISO file of operating system in VMware

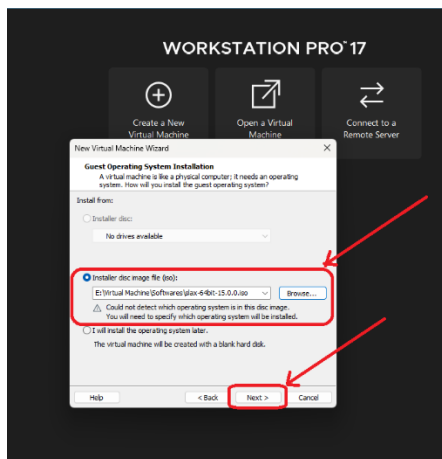
Step 2: Installing the Slax operating system in Virtual Machine



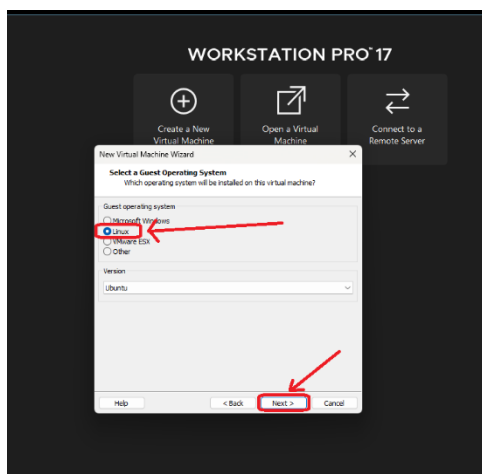
Step 3: A pop up window appears in which it asks about to choose typical or custom compatibility of new VM wizards. Click on Next.



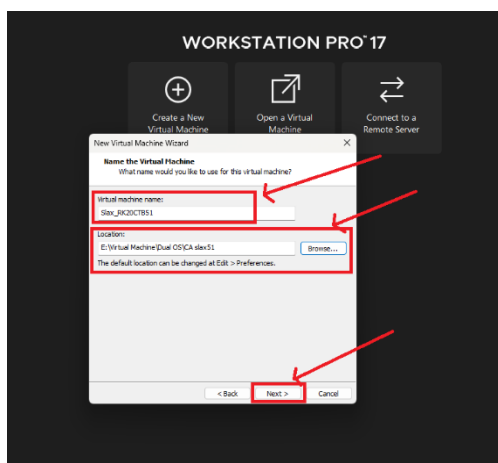
Step 3: Select installer disc image file. Choose the ISO file location from your system. Click on Next



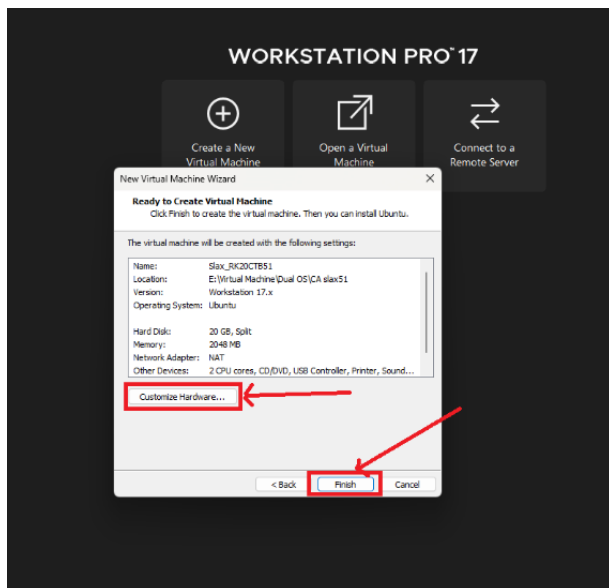
Step 4: Choose which operating you are about to install along with the version. Click on Next



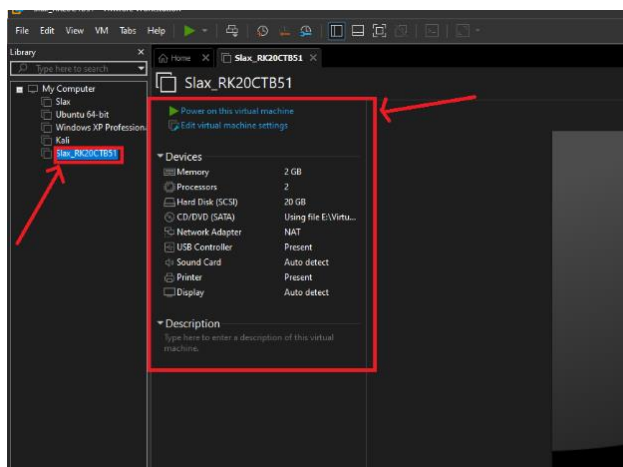
Step 5: Choose the Name which you want to give to your operating system and select the path where you want to store the packages of the new operating system. Click on Next.



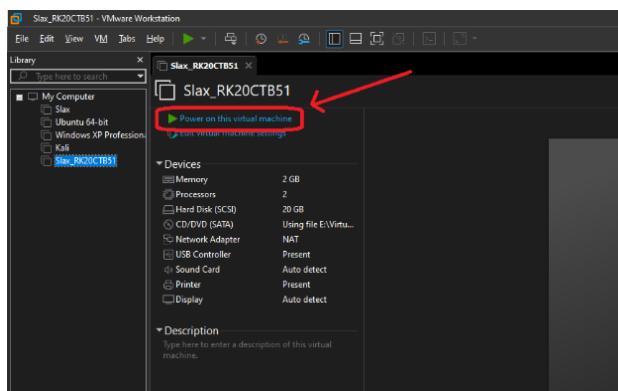
Step 6: If you want to customize the hardware according to your usage you can select customize hardware option and proceed with the options. Rather than that simply click on Finish so that system will adjust its own requirements of hardware



Step 7: Now you can able to see the operating system linked to the VMware. Check the details of the operating system

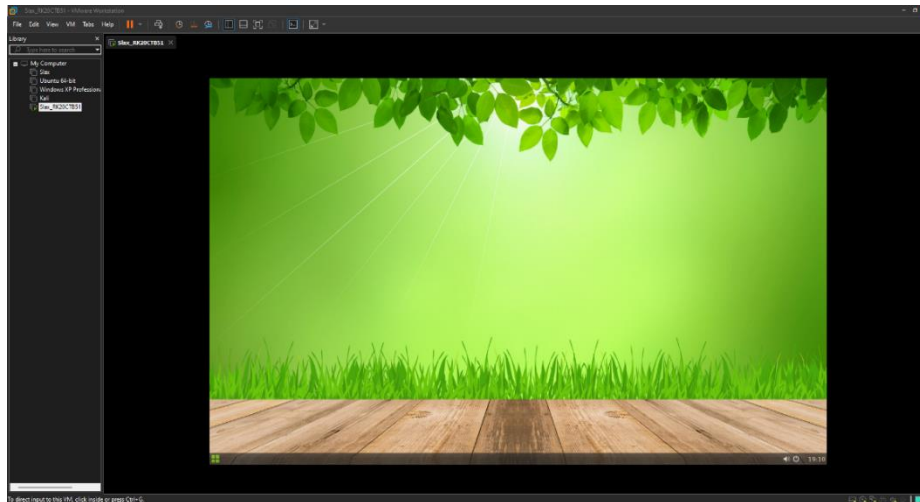


Step 8: Now power on the operating system by clicking on power on the virtual machine option.



It will take some time to load. Wait until the operating system get started.

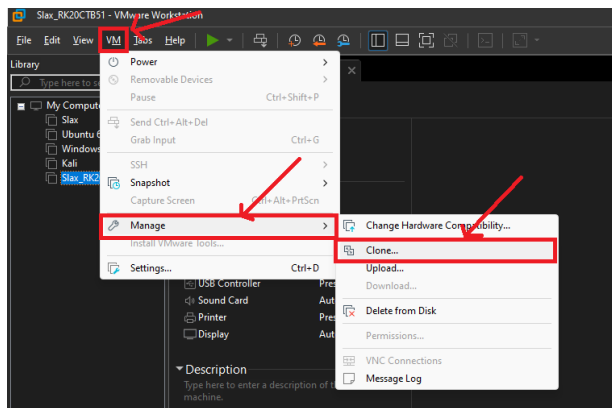
→ This is the interface of SLAX operating system in VMware.



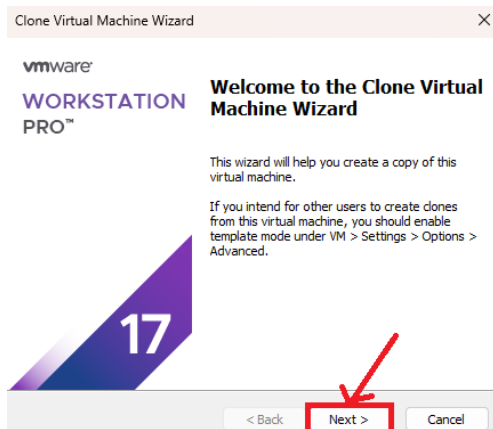
Task 2: Cloning.

Step 1: Power off the operating system. Select the operating system in which you want to clone. Select VM Machine

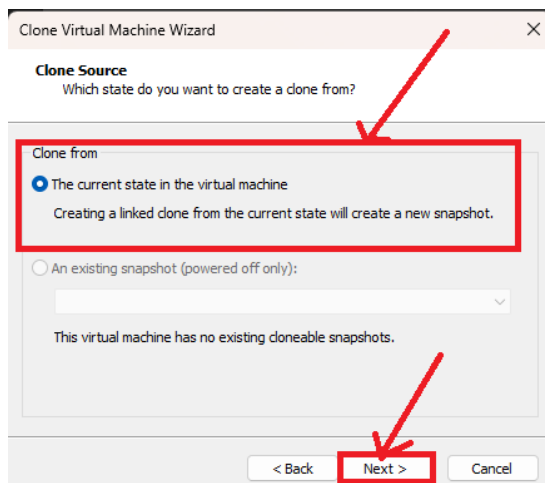
Step 2: select -> VM -> Manage -> clone



Step 3: pop up welcome window will be visible -> click on Next

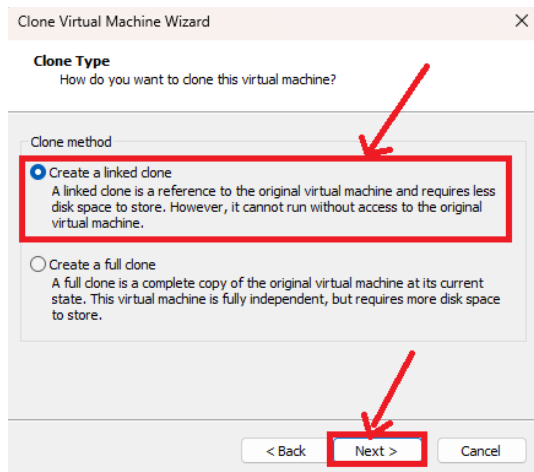


Step 4: select the current state in Virtual Machine. And then click on Next



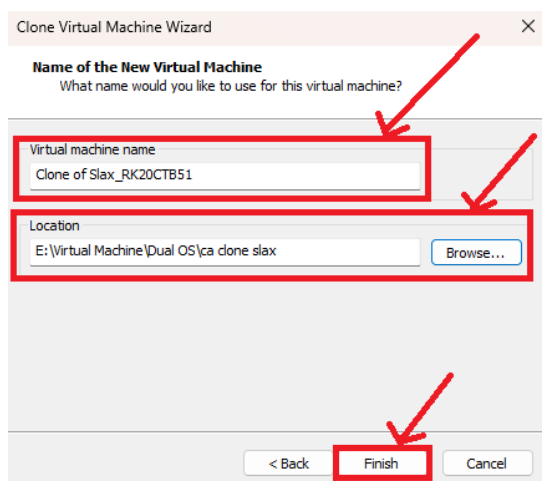
Step 5: Now a pop up window show to select linked clone or full clone.

So, choose linked clone and click on Next button.

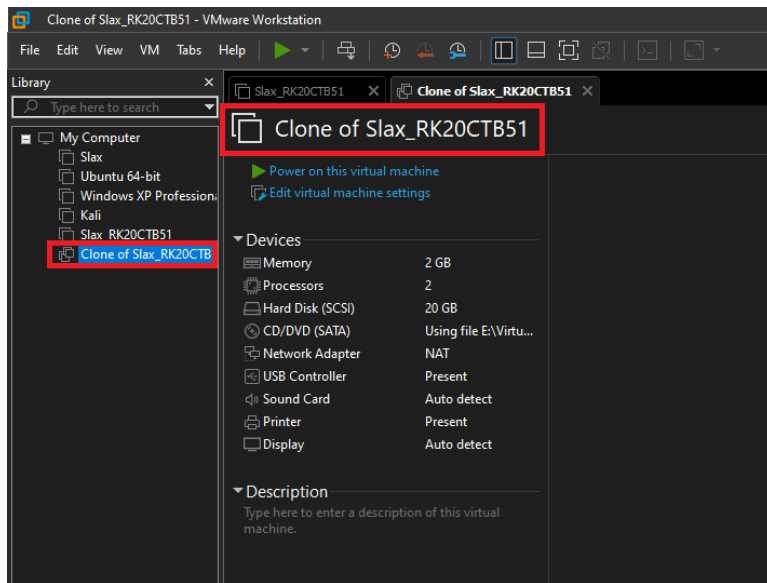


Step 6: Rename the name of the cloned VM and select the location to save all related files in your system.

Now click on Finish button.



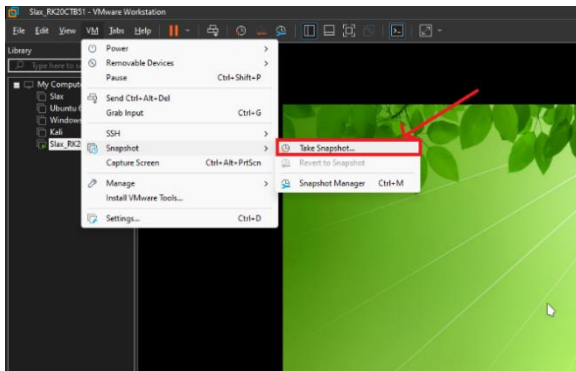
This is the final clone details of the particular os in Virtual Machine.



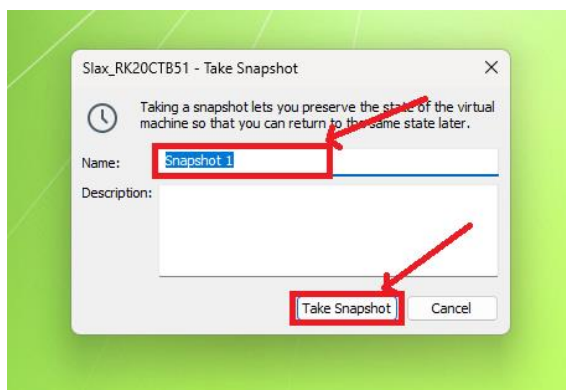
Task 3 :- Performing the Procedures of Snapshots

Take a snapshot

Step 1: select the virtual machine and select VM-> snapshot -> take snapshot



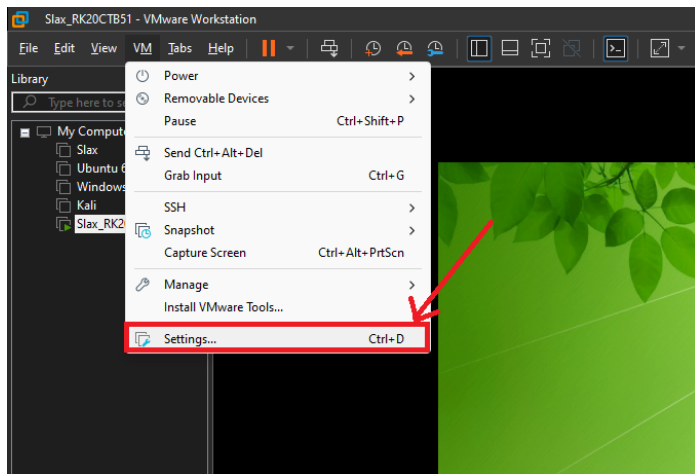
Step 2: Type a unique name for the snapshot. And if you want you can add a Description for the snapshot. Click Take Snapshot to take the snapshot.



Reverting the snapshot.

-->Take or revert to a snapshot at power off

Step 1: select the virtual machine and select VM settings

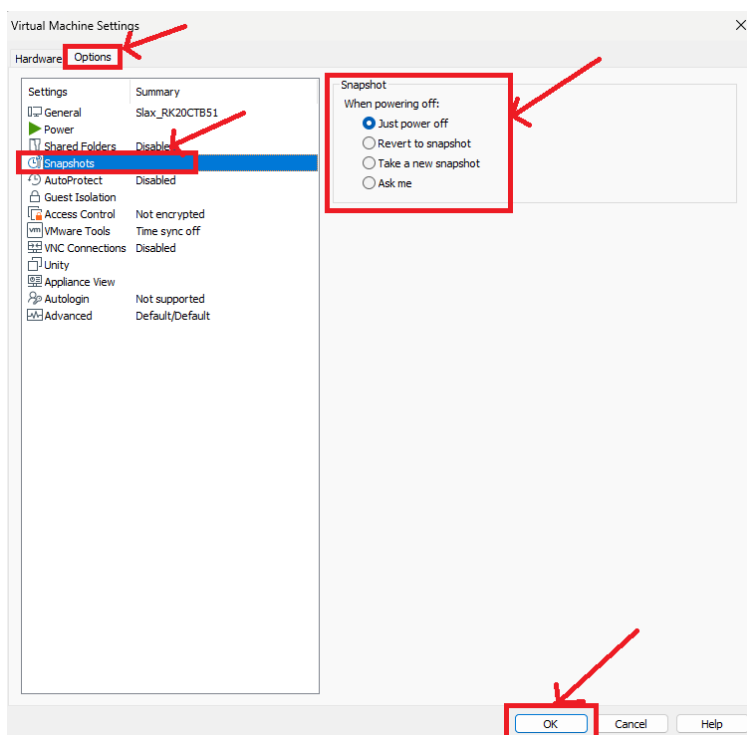


Step 2: Open the options tab and select snapshot

Step 3: Select a power off option

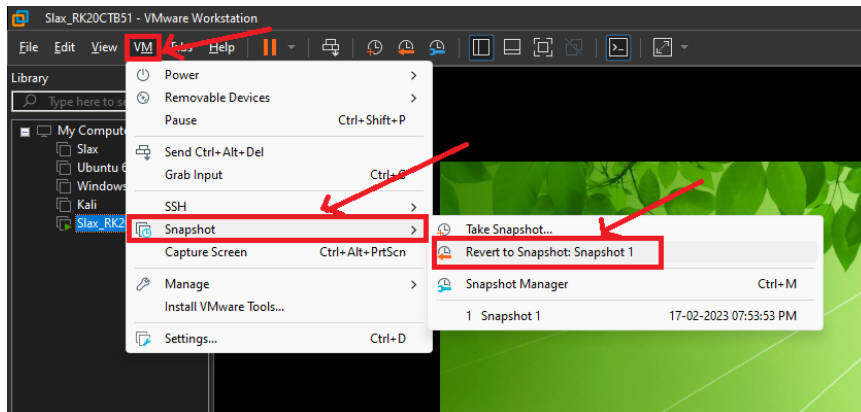
1. just power off
2. Revert to snapshot
3. Take a new snapshots
4. Ask me

Step 4: Click OK to save the changes

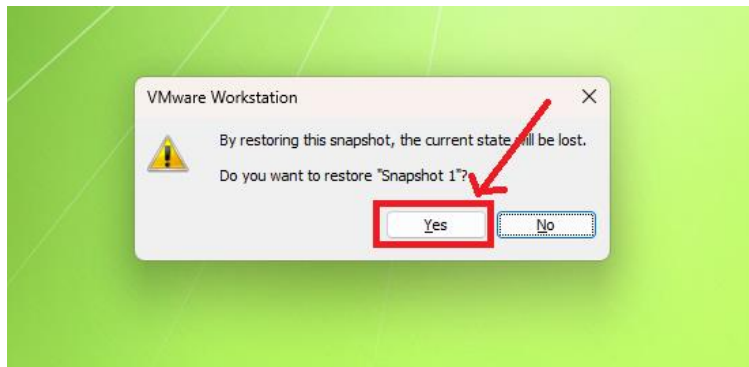


→ Shortcut for Reverting the Snapshot

Step 1: Select VM -> Snapshot -> Revert to snapshot: <snapshot name>

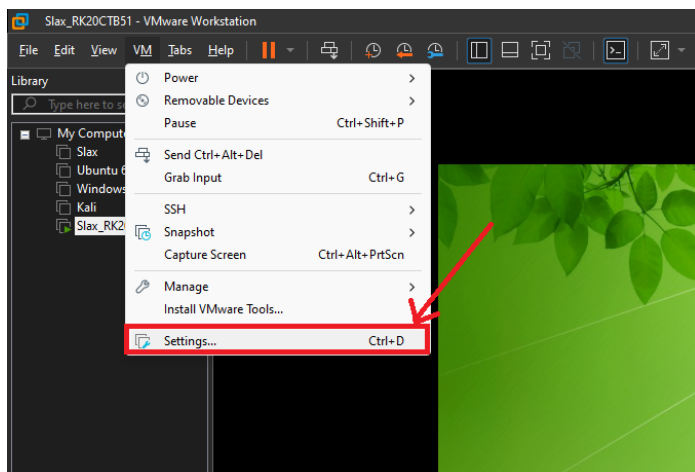


A pop up window will appear to confirm the revert process. Click Yes.



Enable Auto Protect Snapshot.

Step 1: Select the Virtual Machine and select VM-settings.



Step 2: Open the options Tab. Select AutoProtect and select enable autoprotect.

Step 3: select the interval between snapshots.

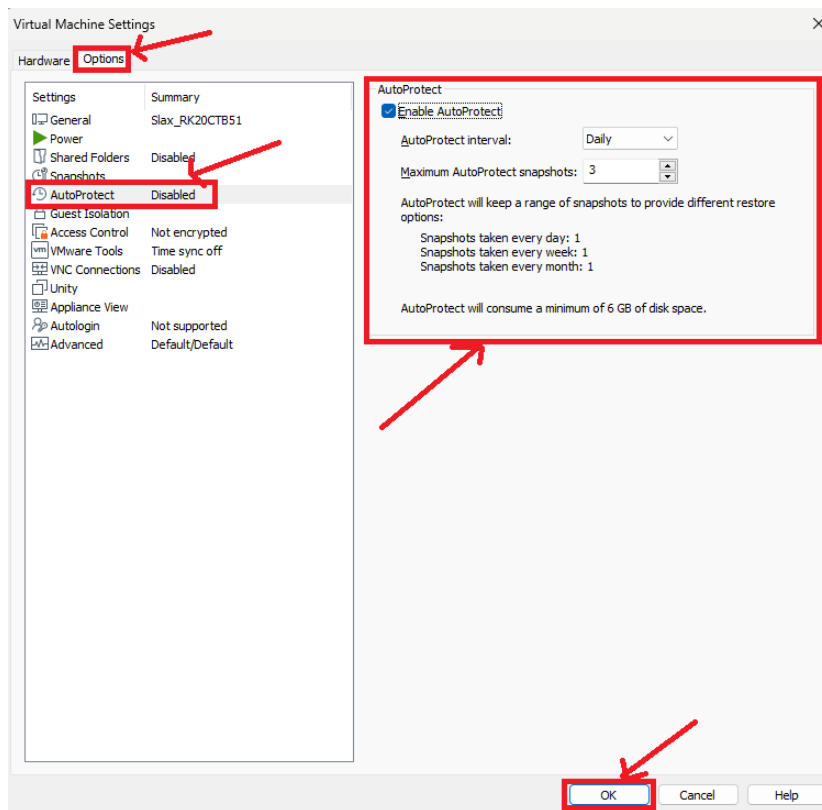
a. Half-Hourly

b. Hourly

c. Daily

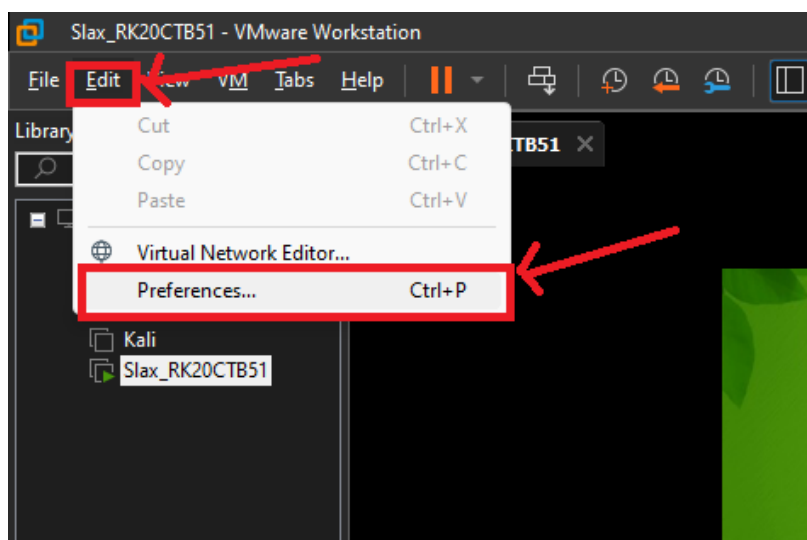
Step 4: Select the maximum number of AutoProtect snapshots to retain.

Step 5: Select OK to save your changes.



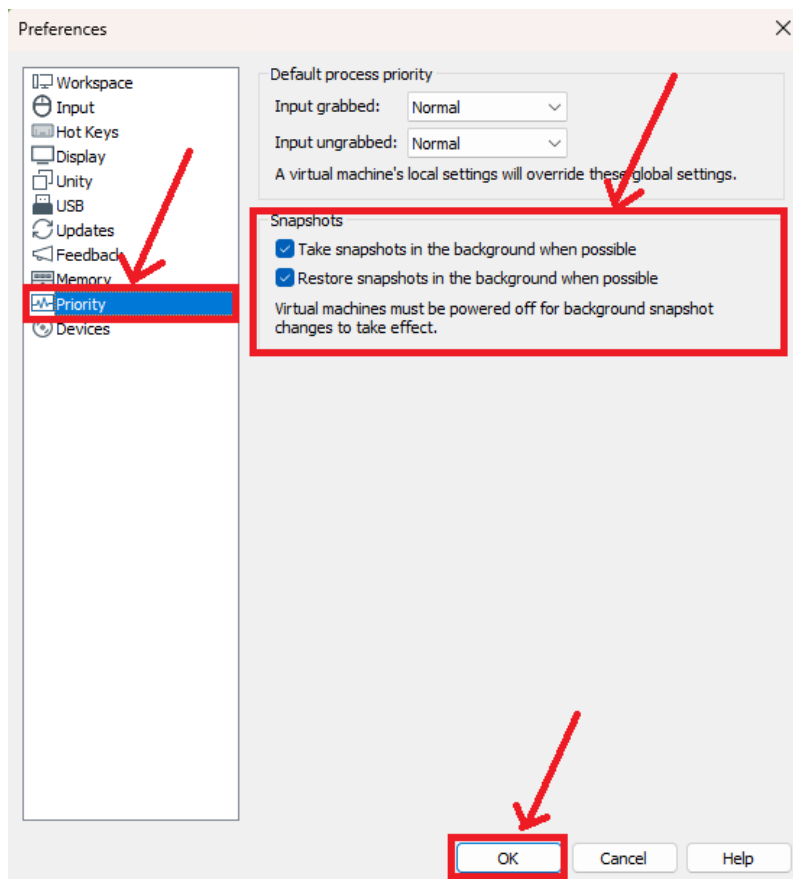
Enable Background Snapshots.

Step 1: Select Edit > Preferences.



Step 2: On the priority tab. Select take snapshots in the Background.

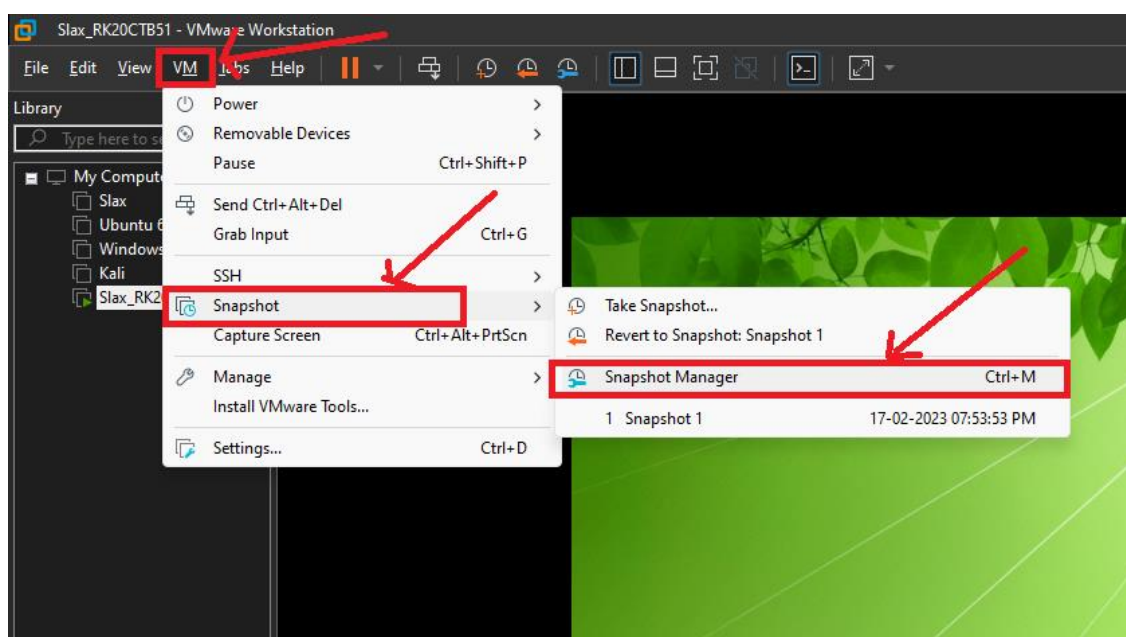
Step 3: Click OK to save the changes.



Step 4: Restart the Virtual Machine

Delete A Snapshot.

Step 1: Select the virtual machine and select VM > Snapshot > Snapshot Manager

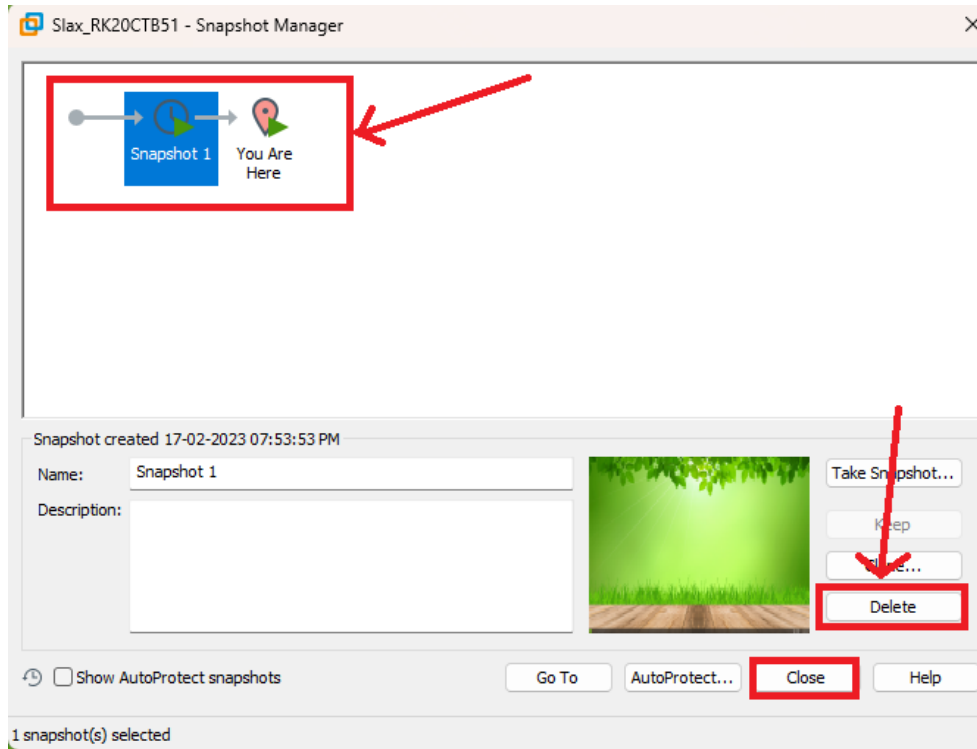


Step 2: If you are deleting the Autoprotected snapshot. select Autoprotected snapshot

Step 3: select the snapshot

Step 4: select an option to delete the snapshot

Step 5: click close to close the snapshot manager



END