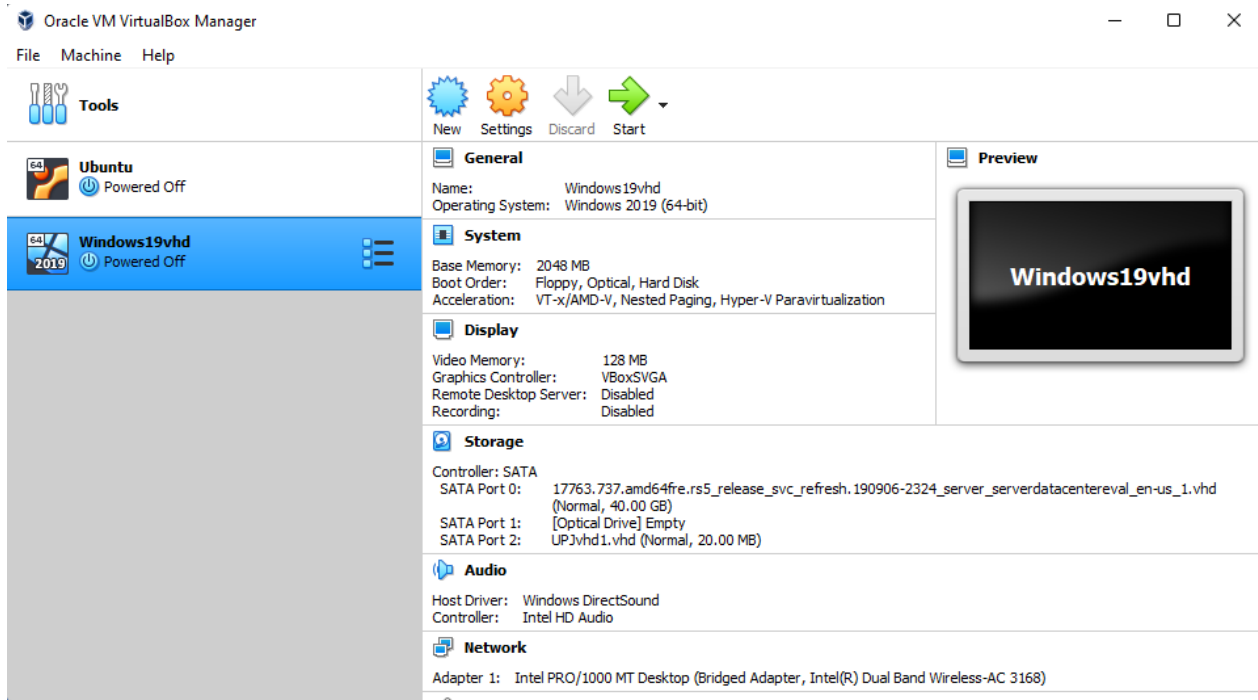
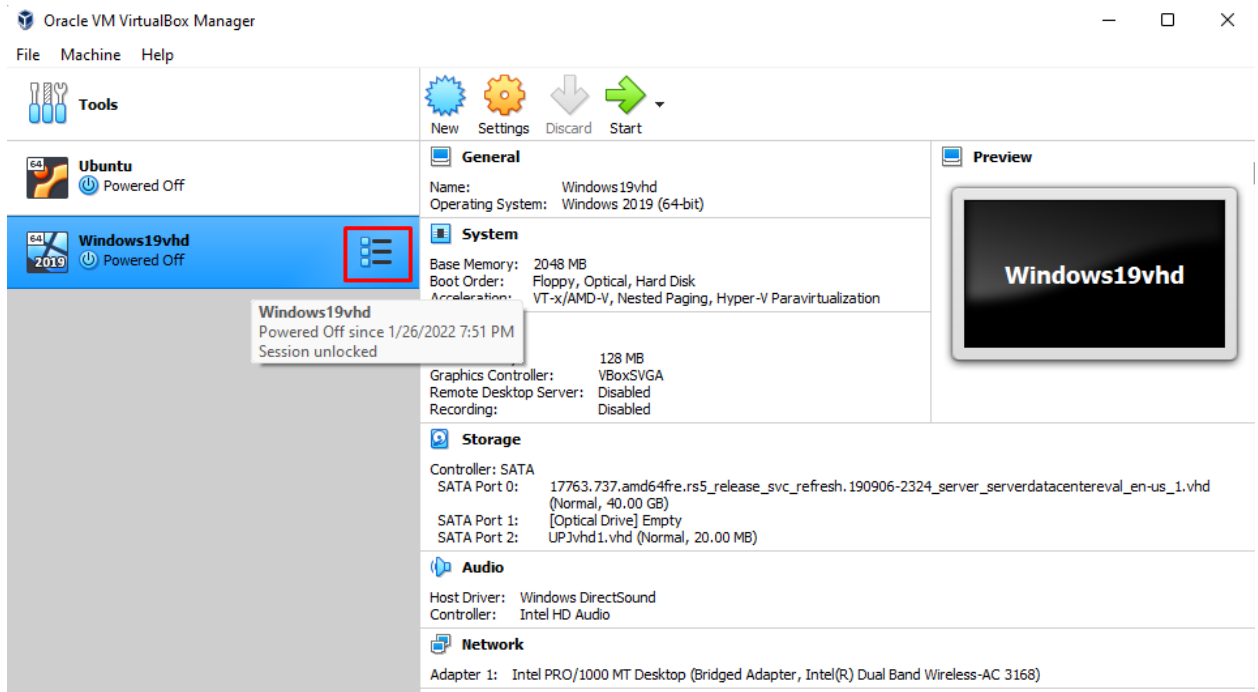


CREATING SNAPSHOTS W/ WINDOWS VM

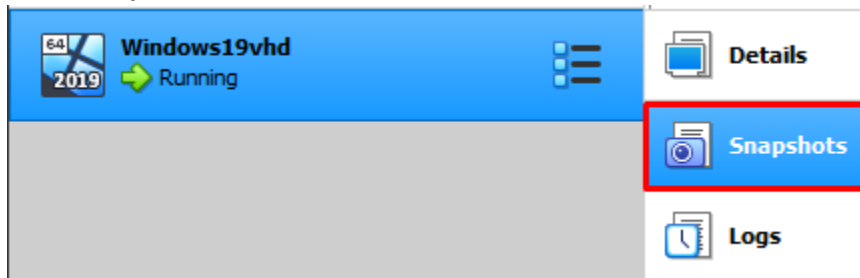
1. Select which VM that you would like to take a **Snapshot** of. In this case, we will be using the **Windows2019vhd** VM. Be sure that the VM is running.



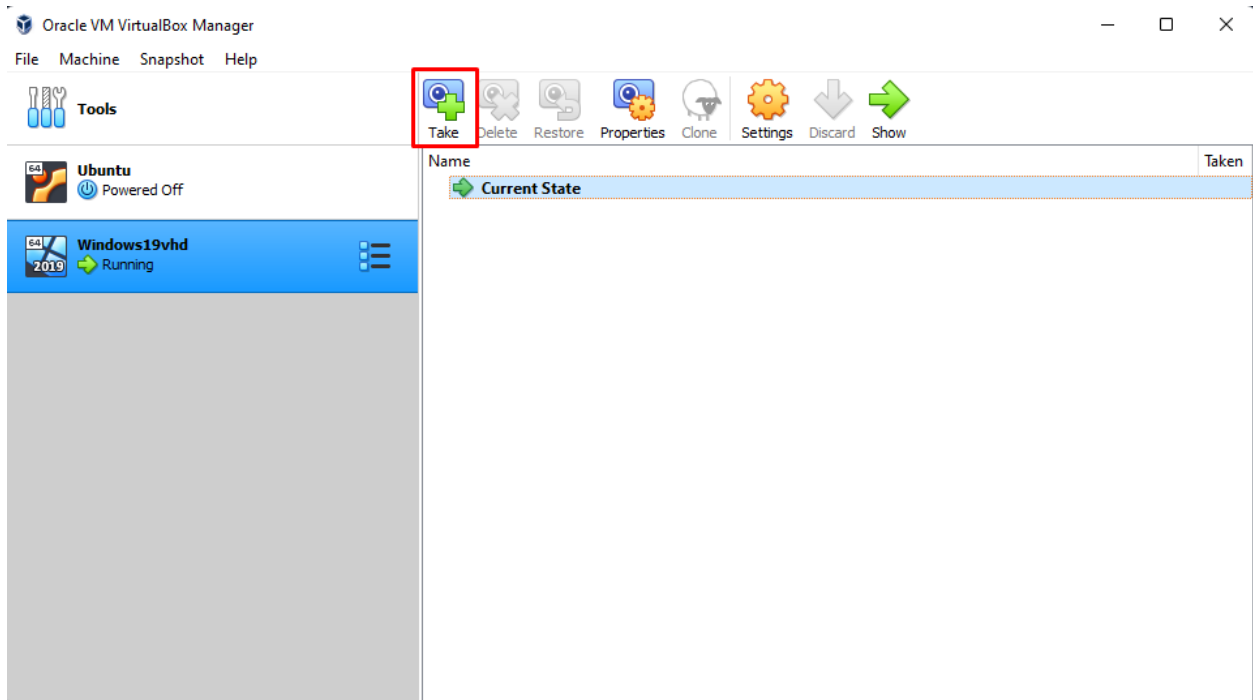
2. Select the **list** button that is attached to your VM name, boxed in red in the image below.



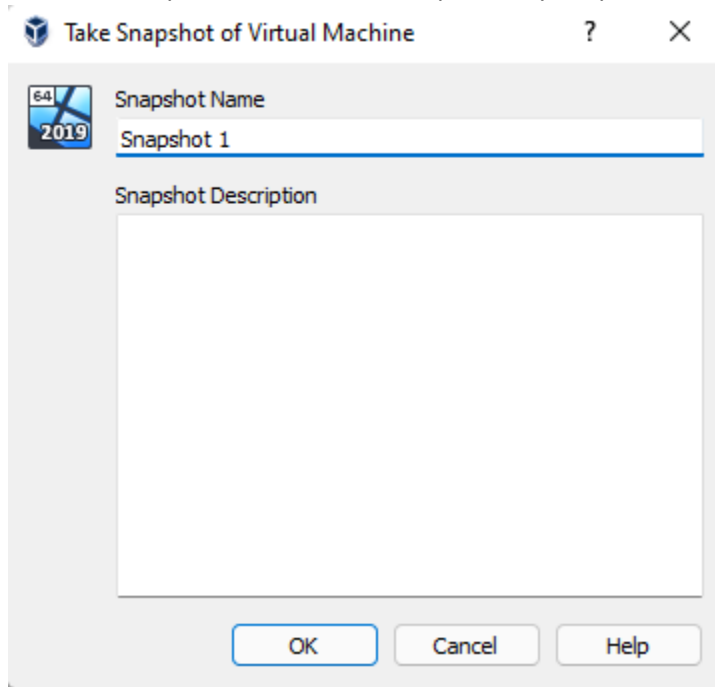
3. Select **Snapshots**.



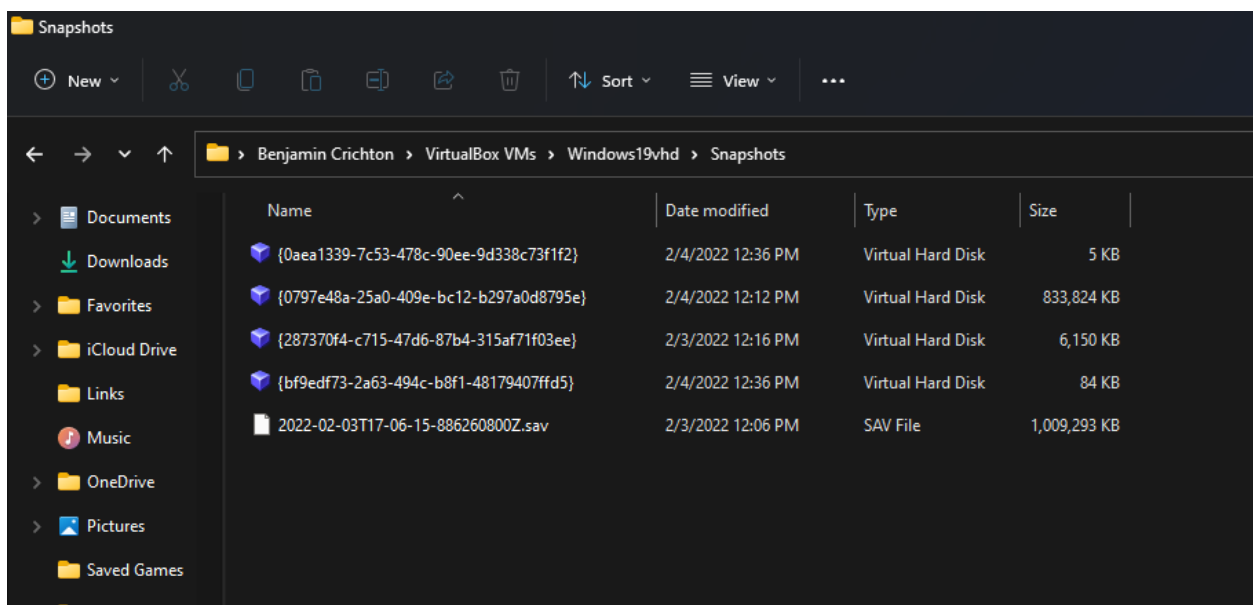
4. Click, **Take**.



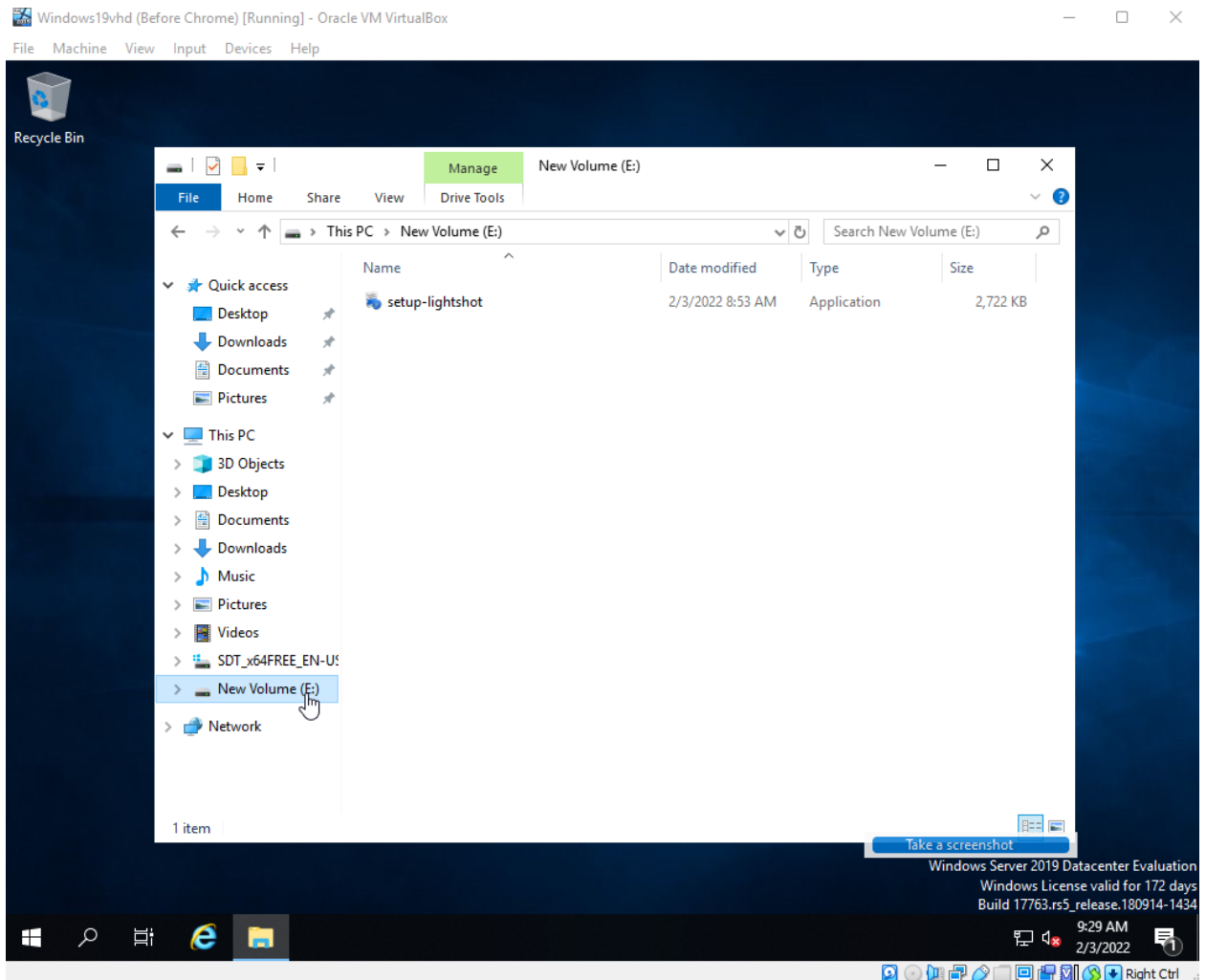
5. Enter the snapshot name and description of your preference in the respective text boxes.



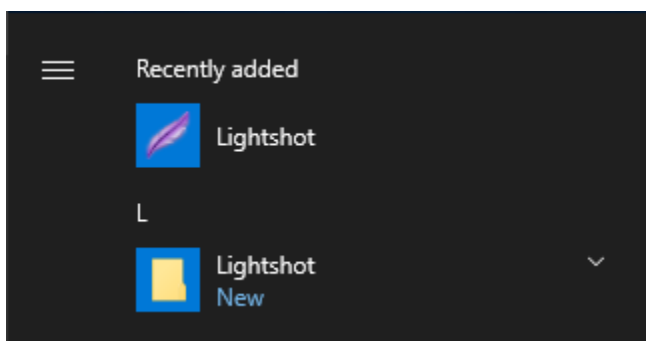
6. Find the folder that all the files for the VM that you are working with is in. You will find another folder called Snapshots, open that.
 - a. Take note of all the files in this folder. These are all the snapshots that you have for the current VM and ensures that the snapshot that you created was saved to the correct location.



7. Go into your VM and make whatever changes that you want. In this case, I will be installing a program called Lightshot from a VHD file that I had created.



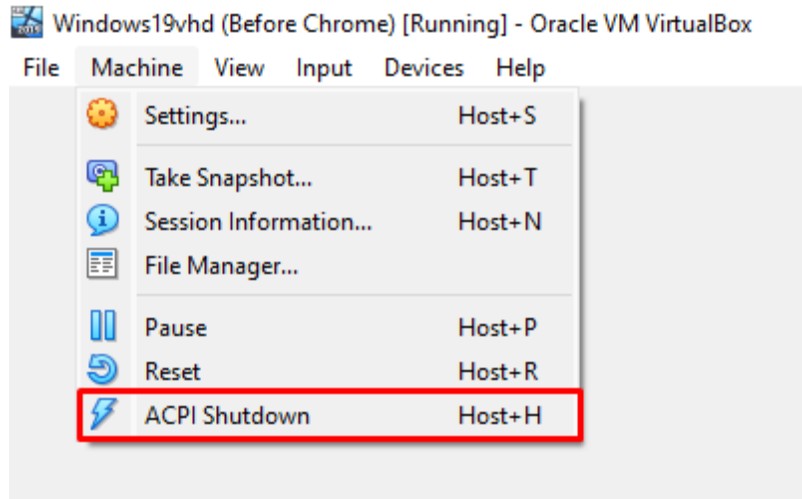
8. Check to see that your changes have been made.



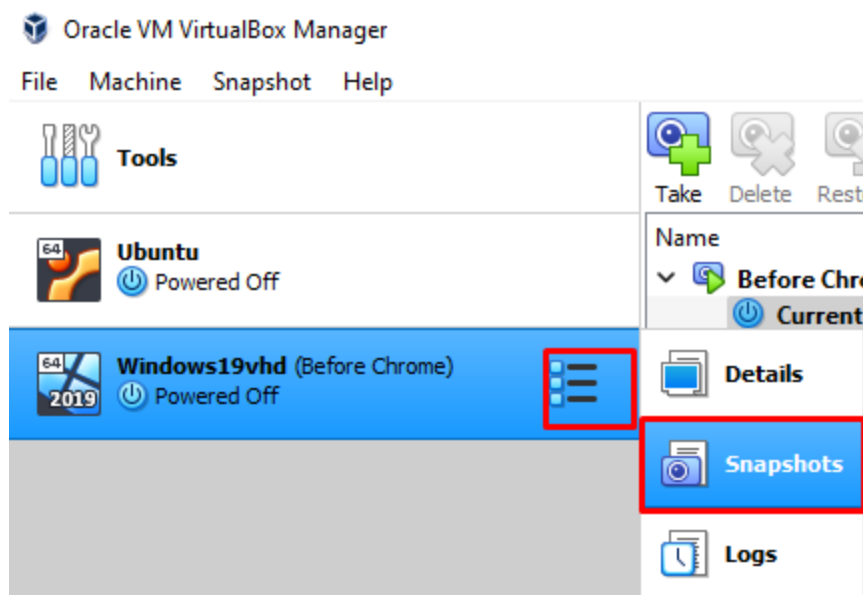
REVERTING BACK TO A SNAPSHOT

- Say that for some reason, the program that you have installed or the changes that you have made are causing errors in your system. Worry not, because we can easily revert the changes by reverting to the old snapshot that we had created before.

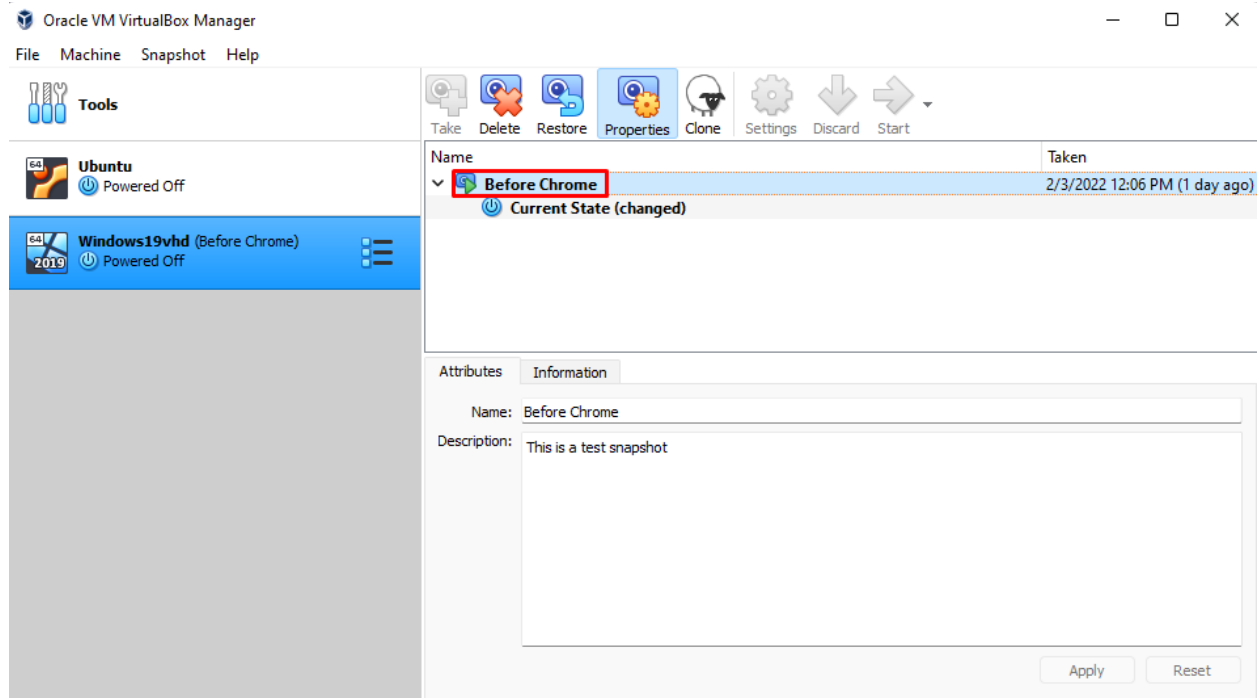
1. Power off your VM by going to the top of your OracleBox window, click Machine, then click ACPI Shutdown.



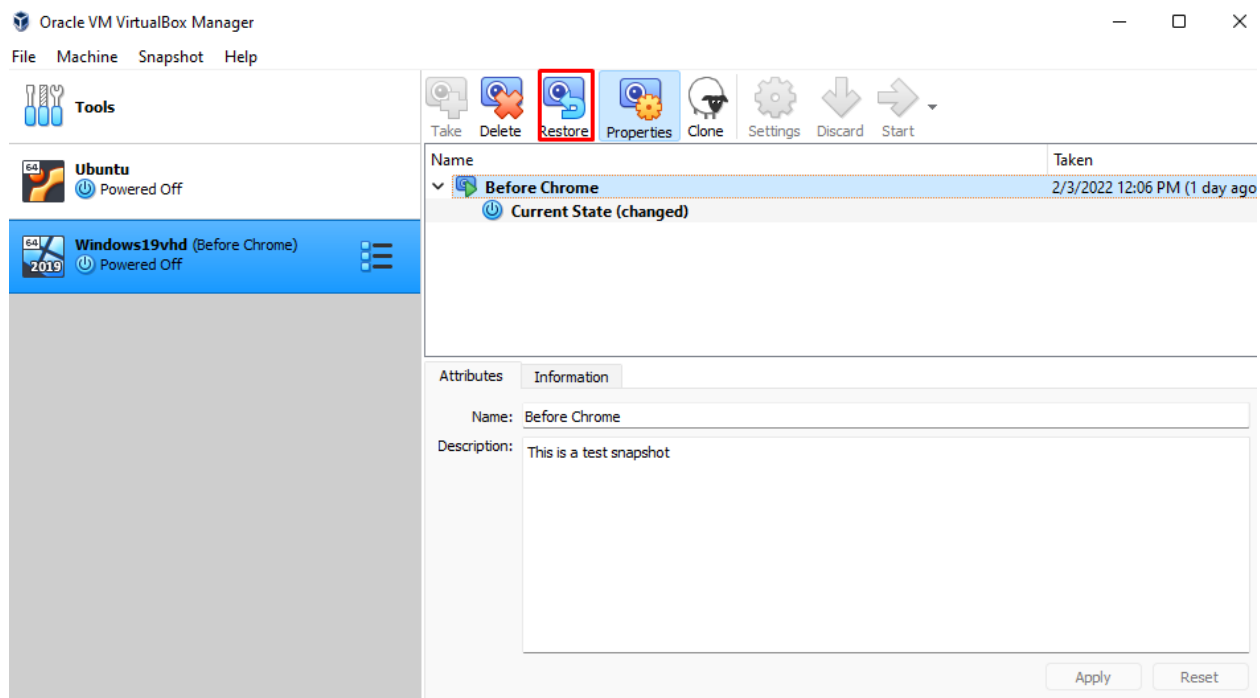
2. Click the List Icon on your VM, then click snapshots.



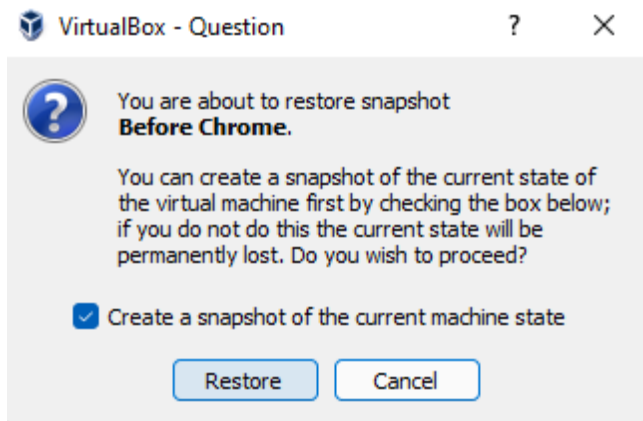
3. Click on the name of the snapshot that you had saved in the previous steps. For example, I named my snapshot "Before Chrome".



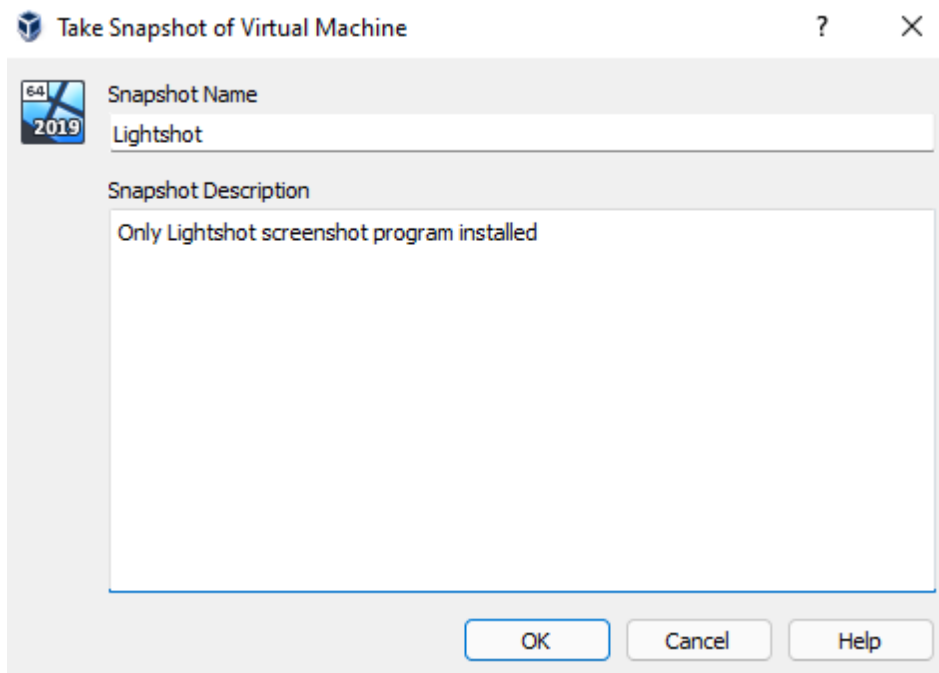
4. Click on the restore button at the top of the screen.



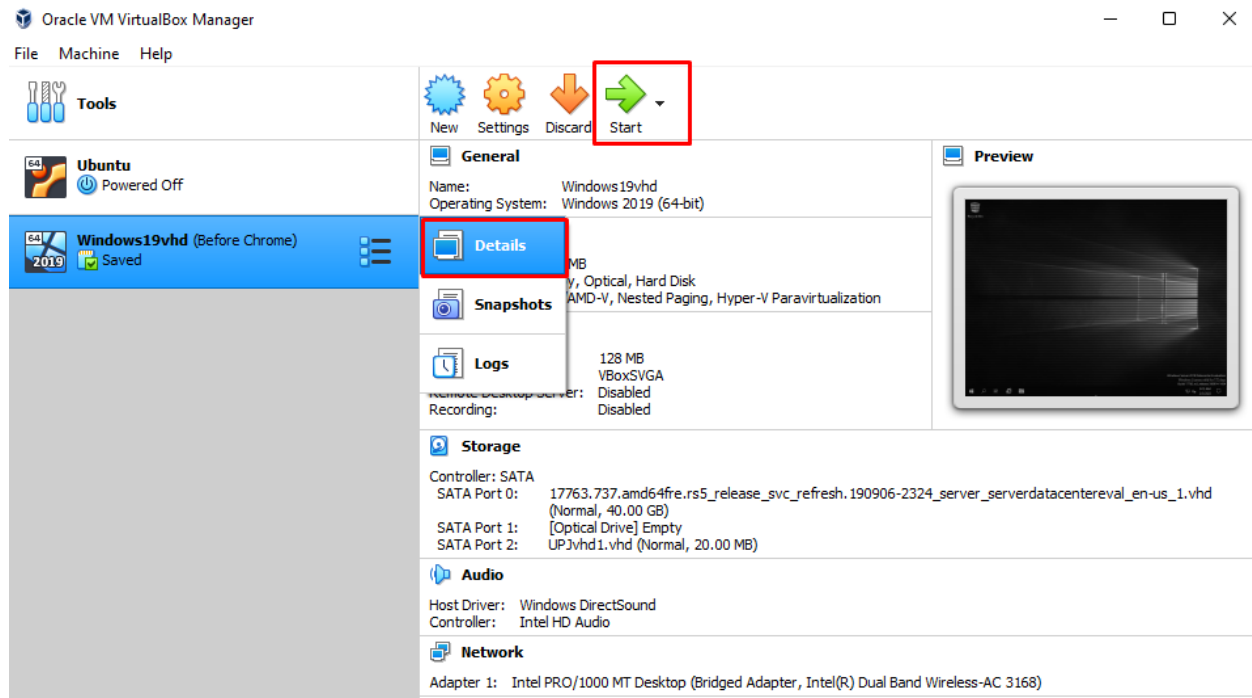
5. A popup box will appear, you can choose to save a snapshot of the current state of the machine before restoring to the old point, just incase you would like to revert to the state of the current machine. In this case, I am going to create a new snapshot as well. So I will leave the box checked, and click on restore. If you just want to restore to an old snapshot without saving your current one, then uncheck the box, then click restore.



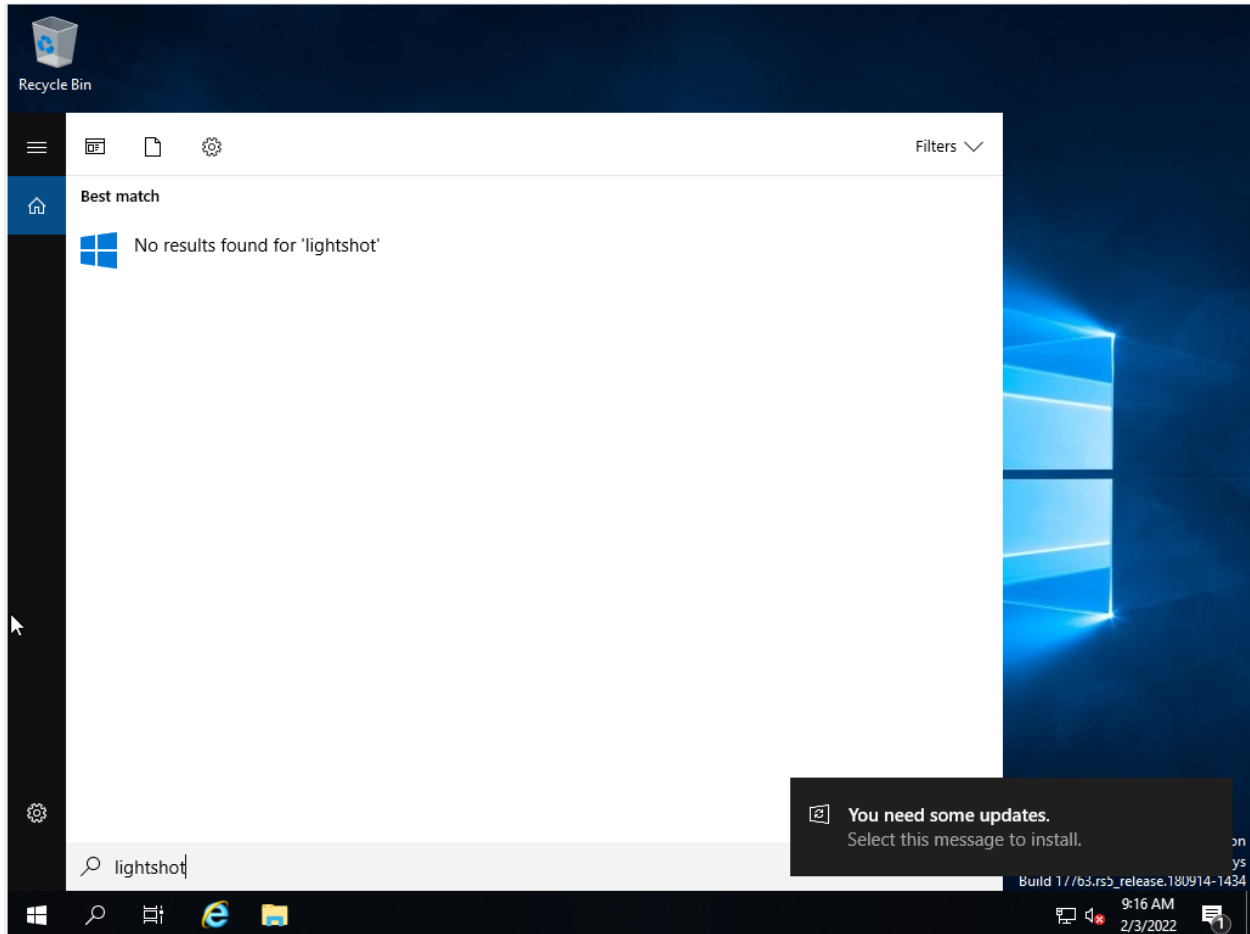
6. Since I am saving a new snapshot, I am going to enter the name of the snapshot and a description whenever I click restore, just as it was in the previous steps. Then click Okay when you are finished naming your snapshot. Remember, the more detail that you have, the better.



- Now we will go back to the Details tab in the list, then start up the VM that we are working with. This will load into the snapshot that you restored to.

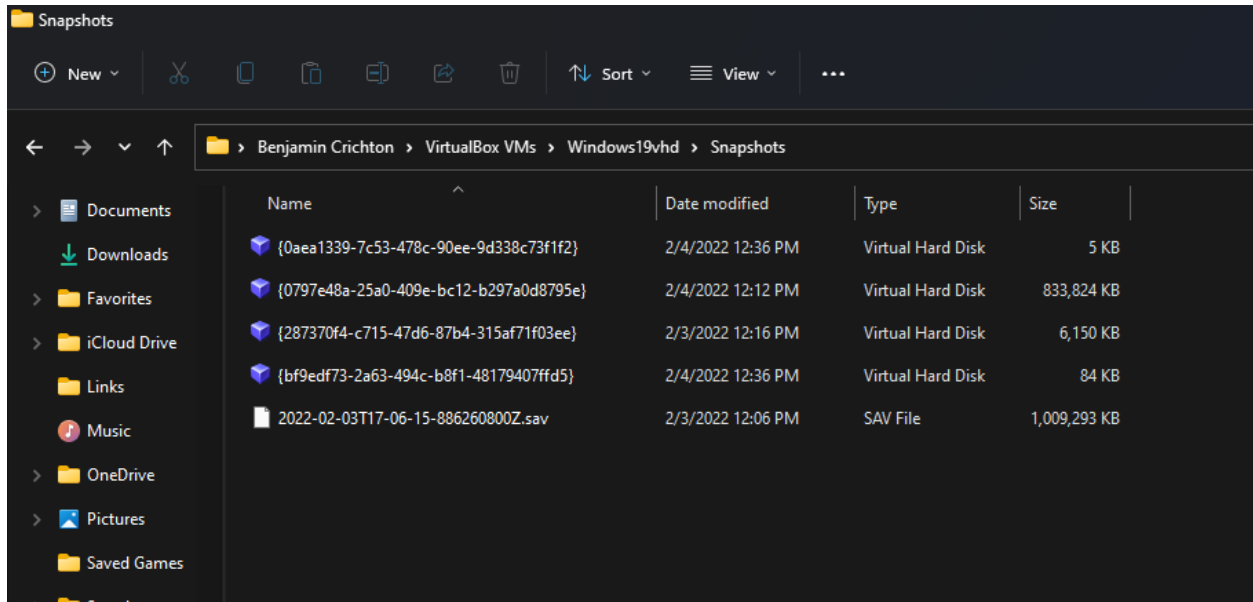


8. As you can see, whenever the program that we had installed before was searched in the computer, there were no results found. This now shows that the restore to the previous snapshot before Lightshot was installed has successfully loaded, and we are back to our original state.

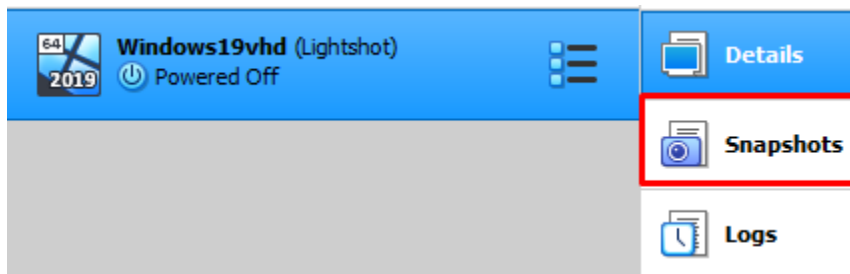


DELETE A SNAPSHOT

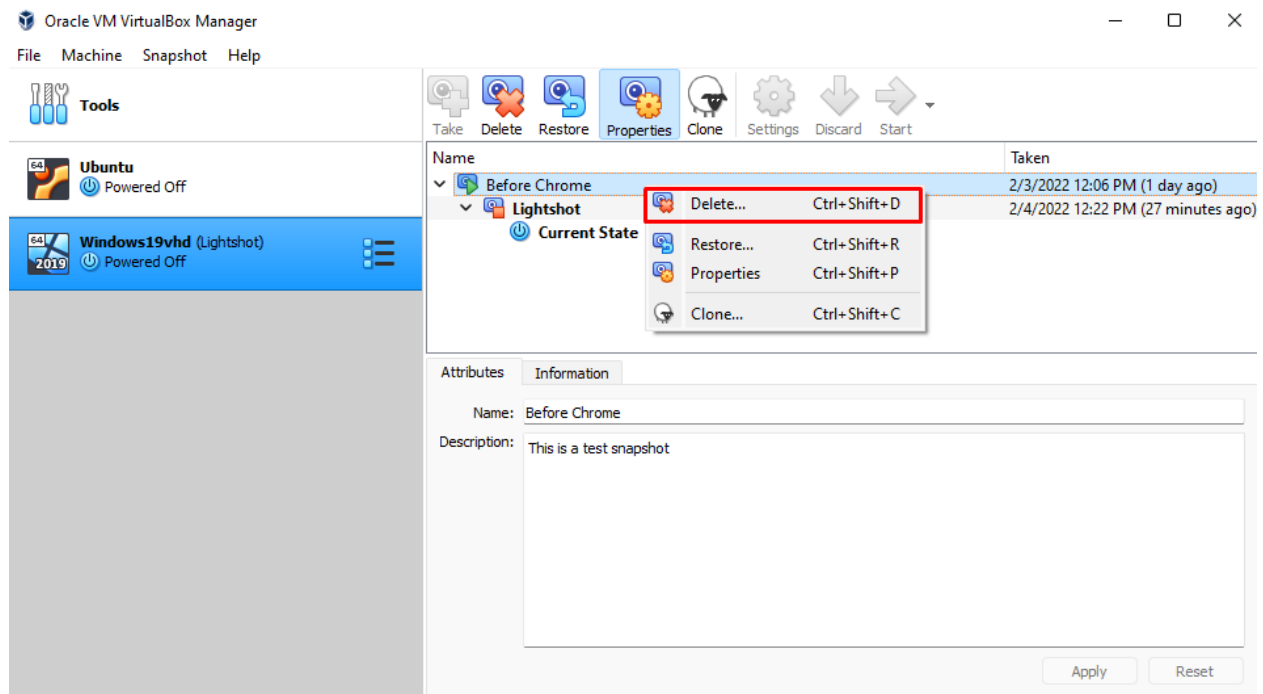
9. Find the folder that all of the files for the VM that you are working with is in. You will find another folder called Snapshots, open that.
 - a. Take note of all of the files in this folder. These are all of the snapshots that you have for the current VM.



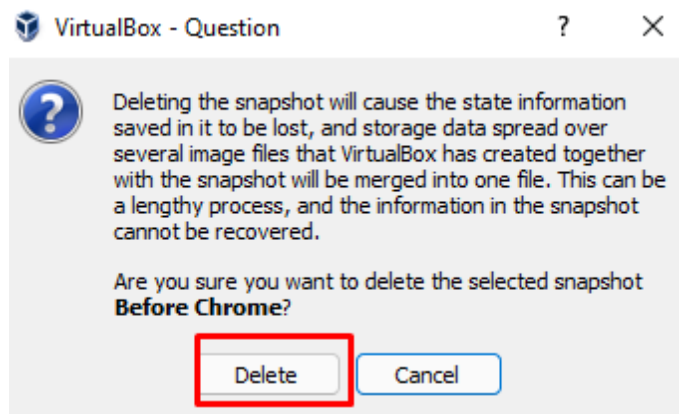
10. Open OracleBox back up. And navigate to the Snapshots tab.



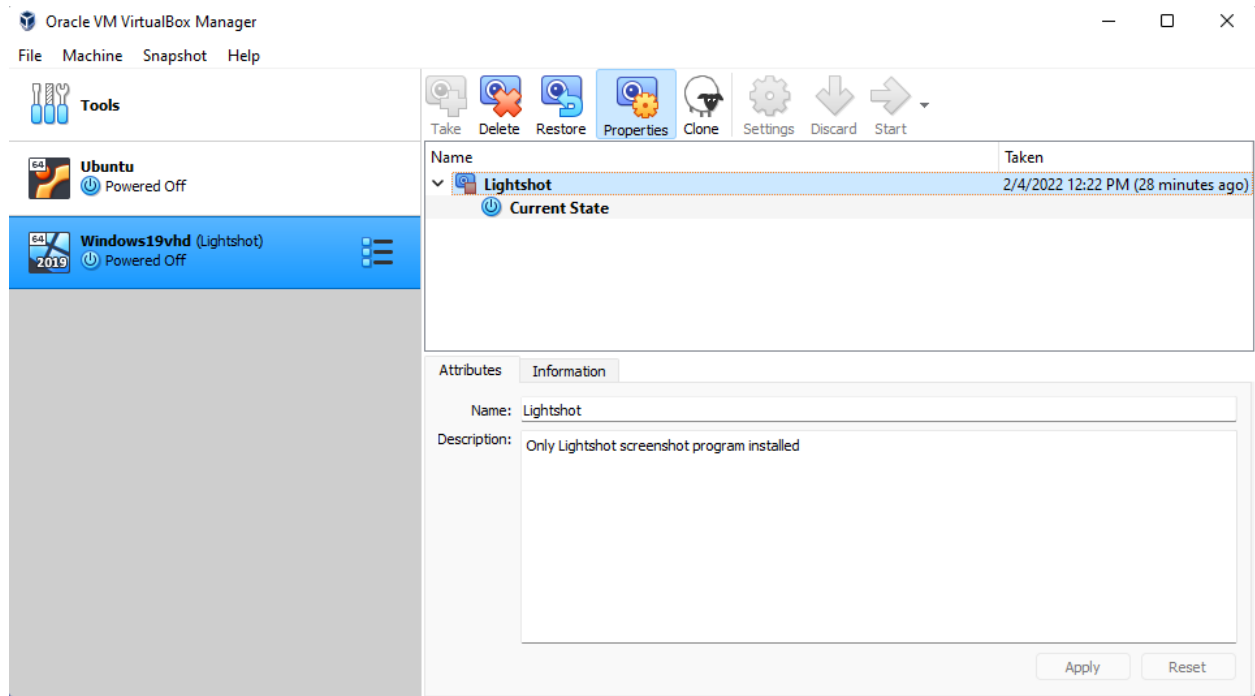
11. Right click on the snapshot that you want to delete, and then click delete.



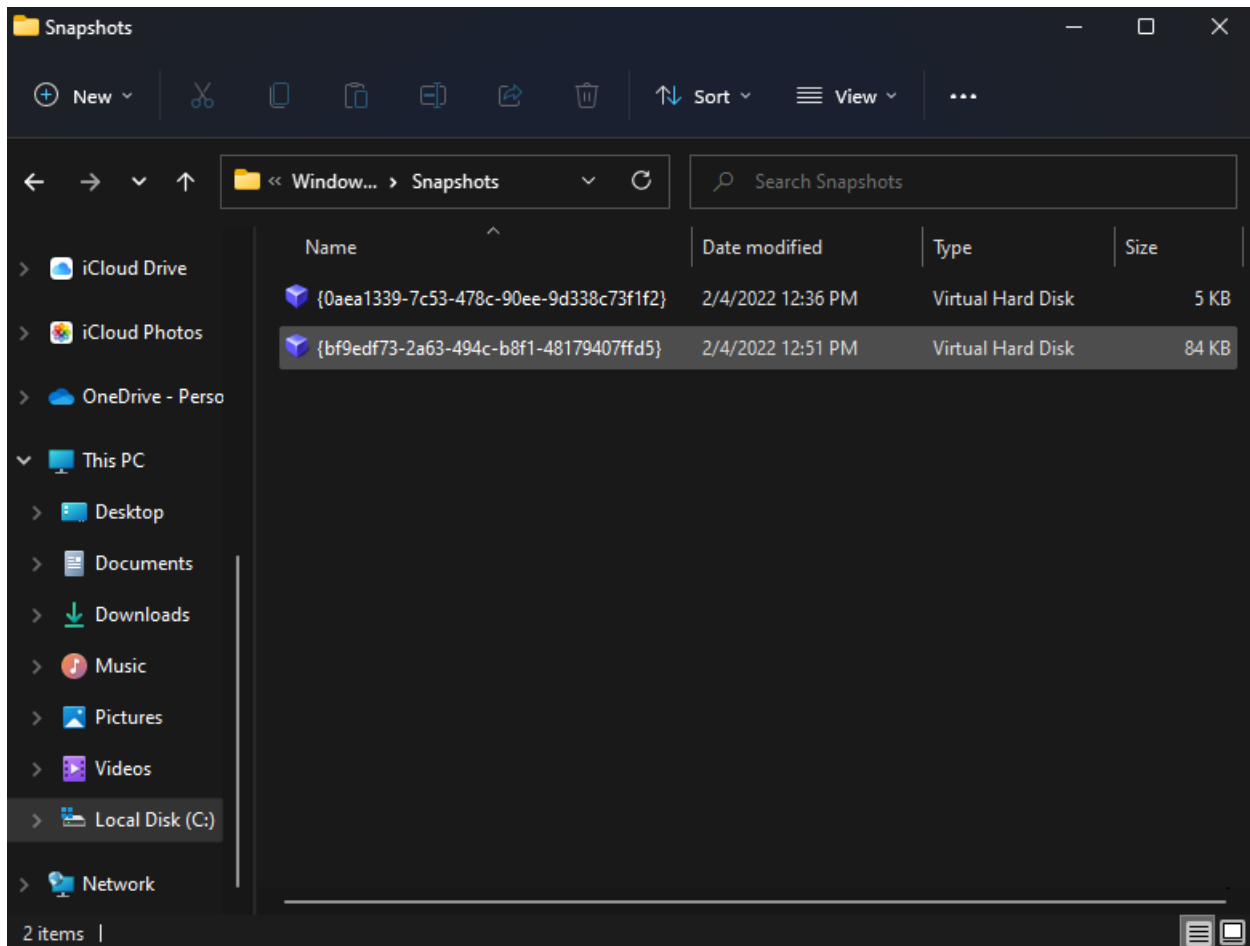
12. A popup box will appear. Understand the information being told to you, and then click Delete to proceed.



13. Take note that the snapshot that you deleted is no longer there.



14. Navigate back to your snapshots folder in File Explorer and ensure that the files related to that snapshot are no longer there. **NOTE: The only reason that there are still files in my folder, are because I have two snapshots saved.**



That's it! You should now be able to feel safe backing up your VM sessions to a snapshot before making any serious changes that could impact your VM. If you ever make any changes that break anything, just revert back to a previous snapshot!