

# Practical-12: Snapshots

## Task 3: Create a Snapshot

You can create a snapshot to preserve the state of a virtual machine, so that you can return to that state in the future.

1. Right-click the `winA` virtual machine and select **Power > Shut Down Power Guest OS** to power it off.
2. Click **Yes** to confirm the guest OS shut down.
3. Right-click the virtual machine and select **Snapshots > Take Snapshot**.  
The Take VM Snapshot dialog box appears.
4. In the **Name** text box, enter a name for the snapshot: `WinASnapshot1`.
5. Enter a description for the snapshot and click **OK**.
6. Create one more snapshot and name it: `WinASnapshot2`.
7. Power on the virtual machine.
8. Repeat steps 1 through 4 to create a third snapshot named `WinASnapshot3` with the default Snapshot of the virtual machine's memory box selected.
9. Repeat steps 1 through 4 again and the following two substeps to create a fourth snapshot named `WinASnapshot4`:
  - a. De-select Snapshot the virtual machine's memory.
  - b. Select Quiesce guest file system.
10. Monitor the creation of Snapshot 4 in Recent Tasks.

**Q1. How did the snapshot creation process differ when the virtual machine was powered on?**

## Task 4: Revert to a Snapshot

You can revert to a snapshot in order to return a virtual machine to its state at the time of the snapshot.

1. Right-click the winA virtual machine and select **Snapshots > Manage Snapshots**.

**Q1. Where does the You are here icon appear?**

2. Select the winASnapshot2 snapshot and click **Revert to**.
3. Click **Yes** to confirm reverting to the saved snapshot.

**Q2. Where does the You are here icon appear?**

4. Click **Close**.

The WinA virtual machine is now powered off.

## Task 5: Delete a Snapshot

You can delete a single snapshot because each one is independent of the other. Each snapshot refers to the original vmrk file that is locked (RO) while any snapshot exists. The Delete All option merges the selected snapshot and deletes all other snapshots, regardless of whether they precede or follow the selected snapshot.

1. Select the virtual machine for which you took the snapshots.
2. Right-click the virtual machine and select **Snapshots > Manage Snapshot**.
3. In the Manage VM Snapshots window, select winASnapshot2 and click **Delete**.
4. When the confirmation message appears, click **Yes** to confirm the deletion.

**Q1. Do you see the second snapshot in the list of snapshots?**

5. To delete all the snapshots for this virtual machine, select the first snapshot and click **Delete All**.
6. When the confirmation message appears, click **Yes** to delete all the snapshots.

**Q2. Do you see any snapshots in the Snapshot Manager?**

7. Click **Close** to exit the Manage VM Snapshots window.