

LAB MANUAL

**CSA1517 - CLOUD COMPUTING AND BIG DATA
ANALYTICS FOR HADOOP APPLICATIONS**

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EXP NO 9. Create a Snapshot of a VM and Test it by loading the Previous Version/Cloned VM using virtual box.

AIM:

To create a snapshot of a virtual machine in VirtualBox and test it by loading the previous version or cloned VM.

PROCEDURE:

STEP 1: Open Oracle VirtualBox and start the virtual machine you want to snapshot.

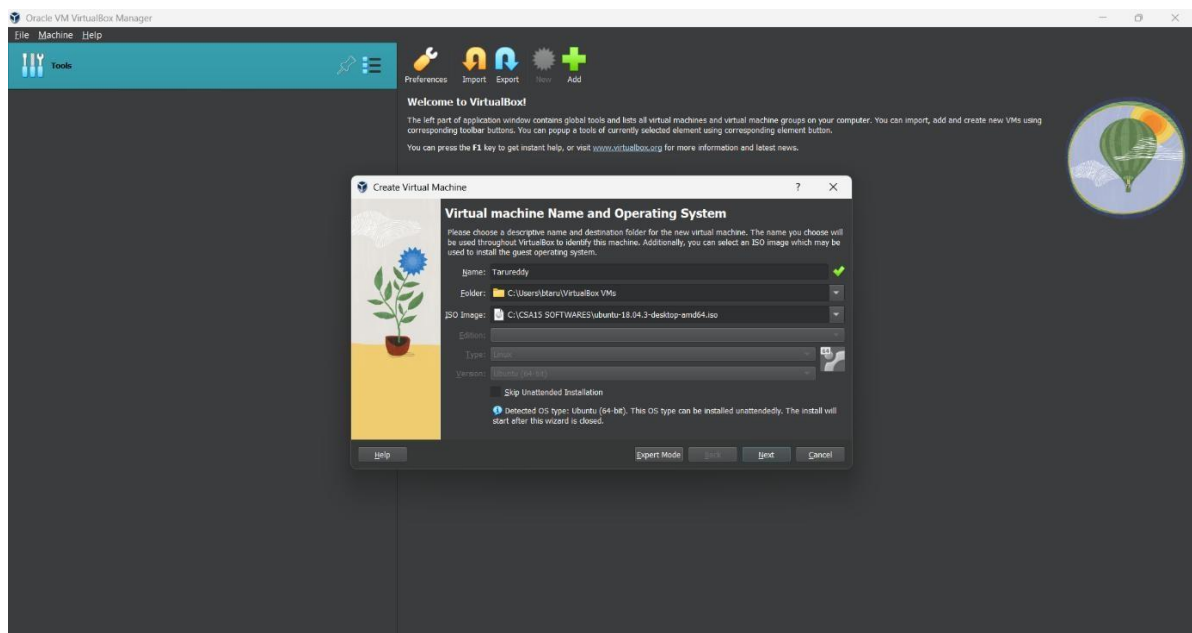
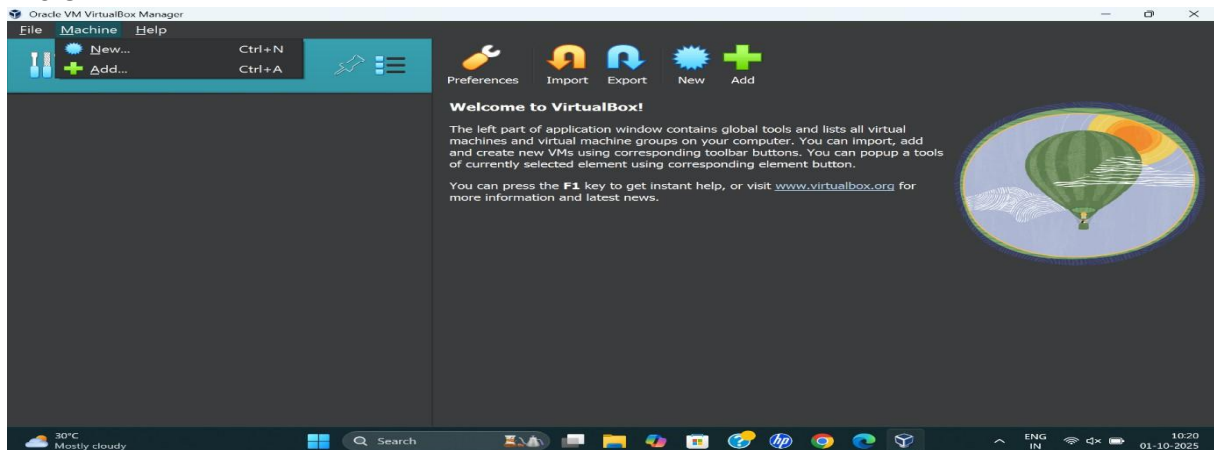
STEP 2: Make some changes inside the VM (e.g., create files on the desktop or install software) to have a test state.

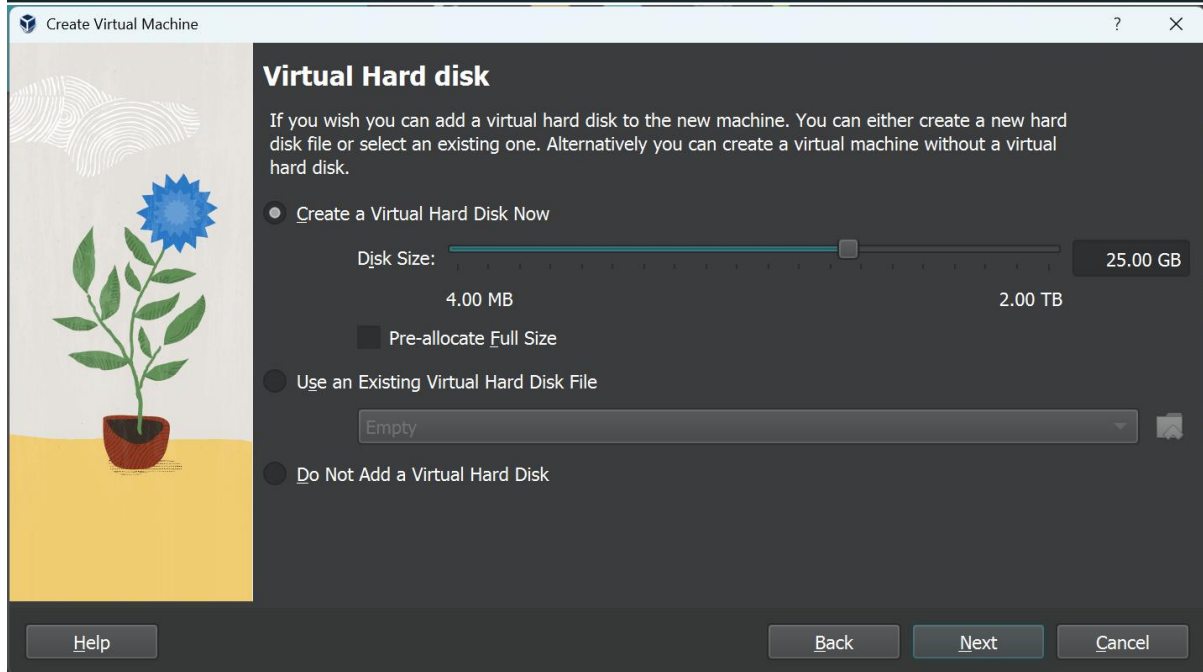
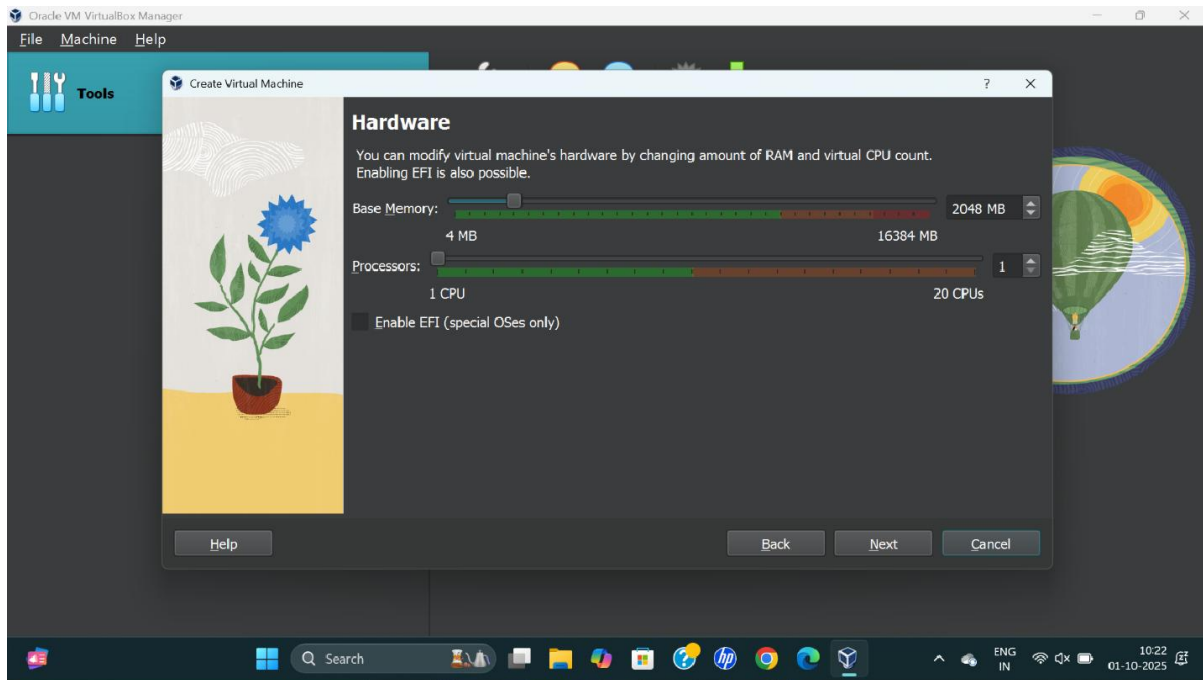
STEP 3: With the VM selected (powered off or running), go to the Snapshots panel → Click Take (or Take Snapshot).

STEP 4: Enter a name and description for the snapshot → Click OK.

STEP 5: To test the snapshot

DESIGN:







Summary

The following table summarizes the configuration you have chosen for the new virtual machine. When you are happy with the configuration press Finish to create the virtual machine. Alternatively you can go back and modify the configuration.



Machine Name and OS Type

Machine Name	Tarureddy
Machine Folder	C:/Users/btaru/VirtualBox VMs/Tarureddy
ISO Image	C:/CSA15 SOFTWARES/ubuntu-18.04.3-desktop-amd64.iso
Guest OS Type	Ubuntu (64-bit)
Skip Unattended Install	false



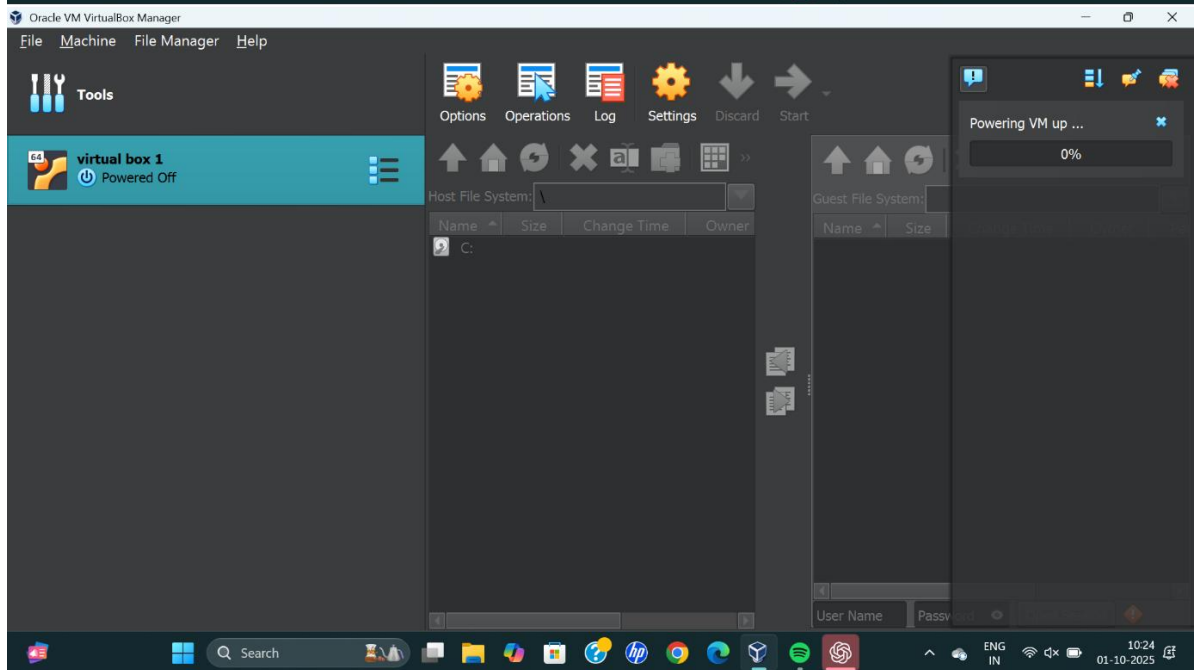
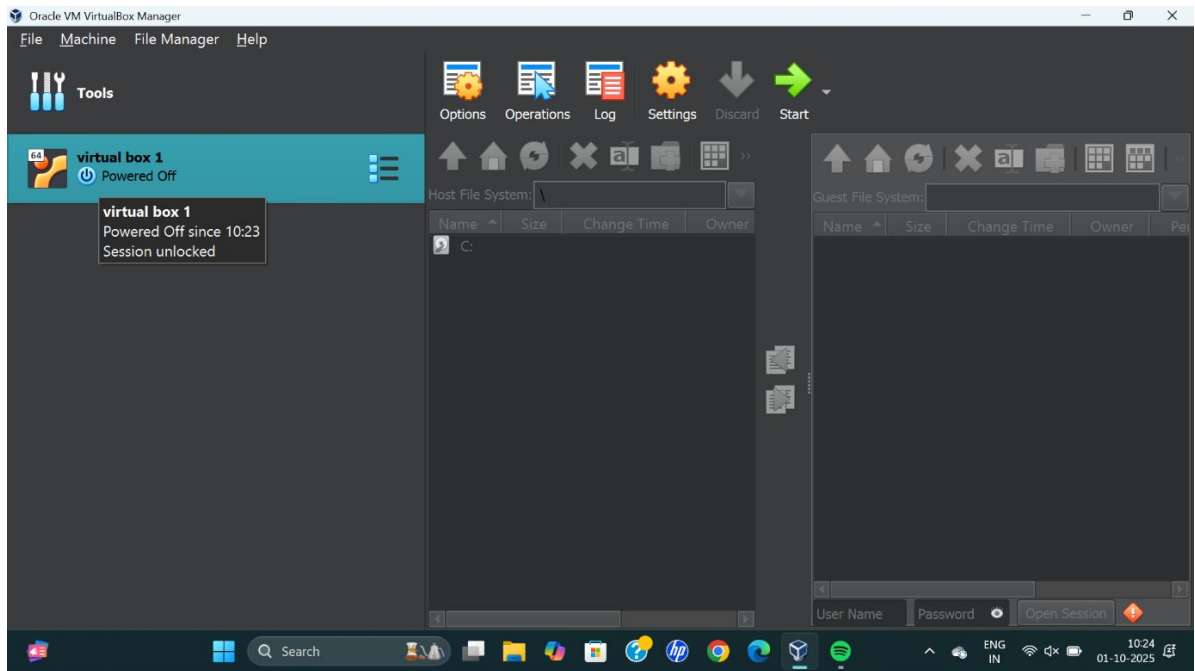
Unattended Install

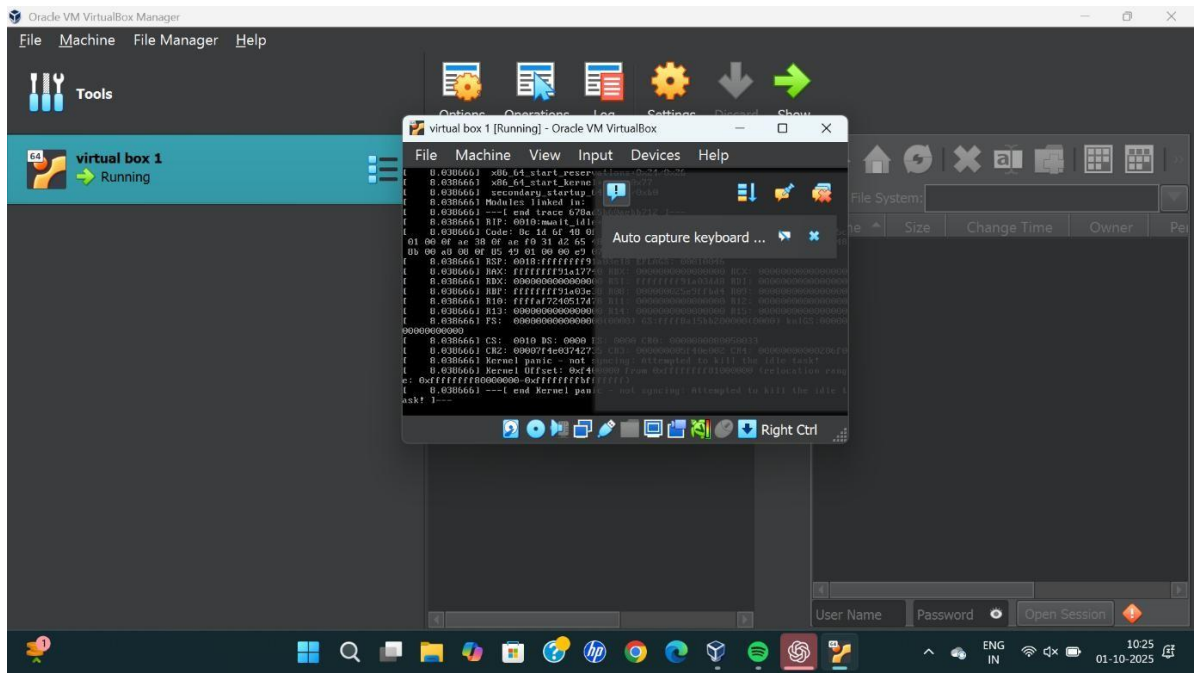
Username	vboxuser
Product Key	false
Hostname/Domain Name	Tarureddy.myguest.virtualbox.org
Install in Background	false
Install Guest Additions	false

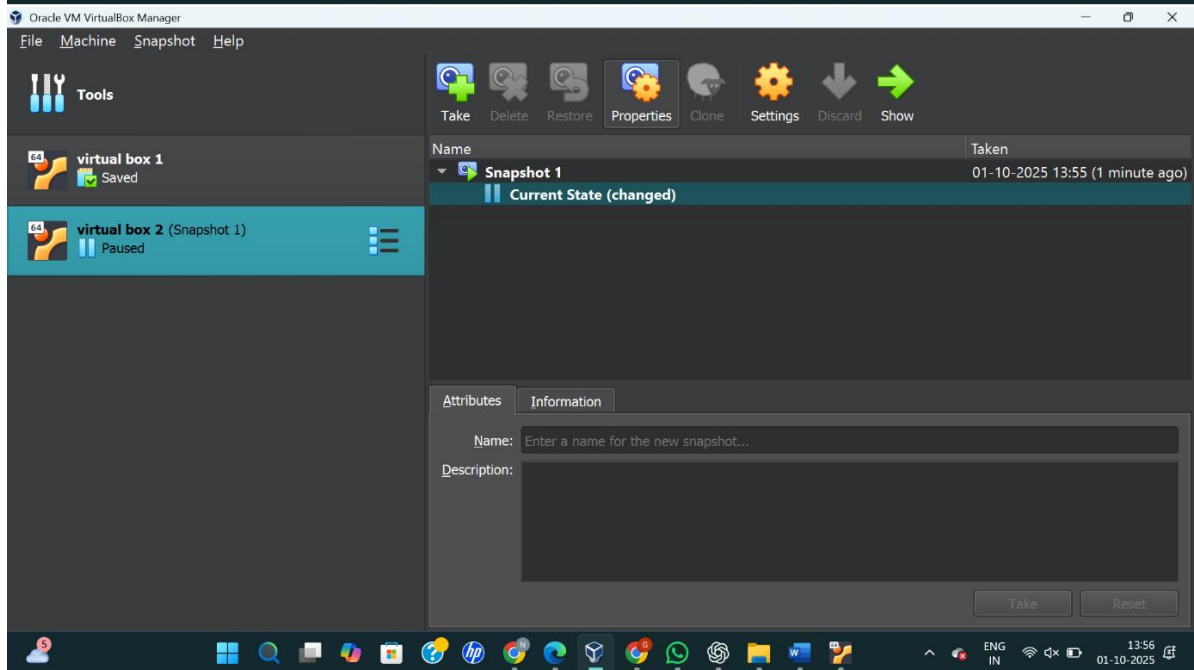
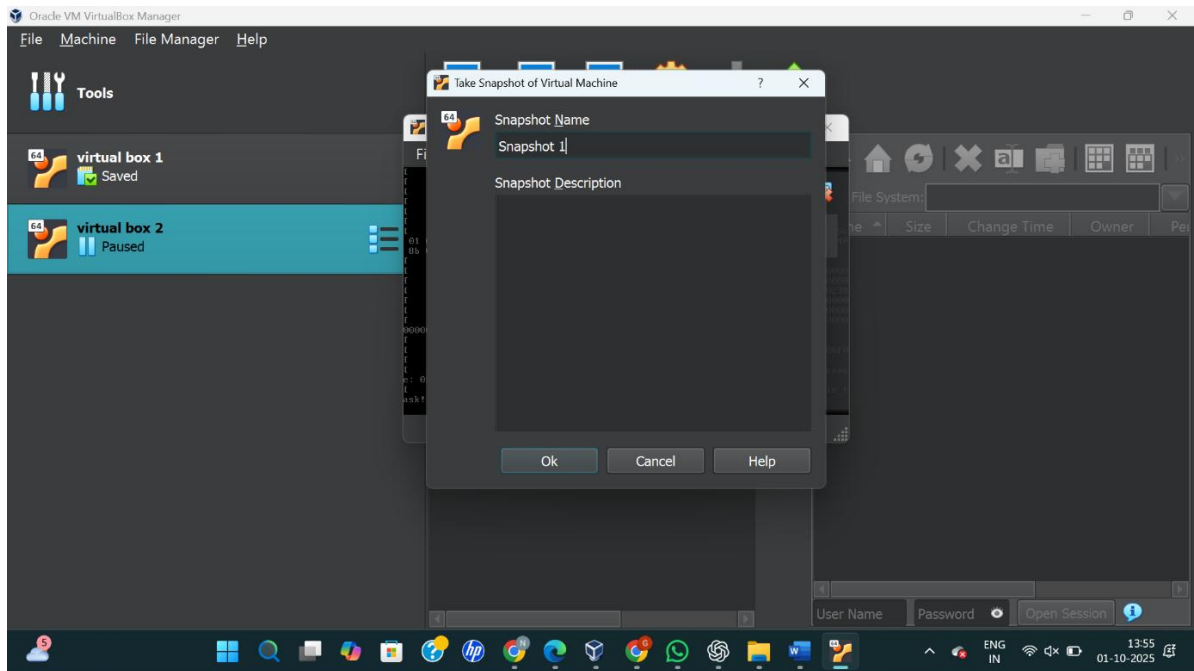


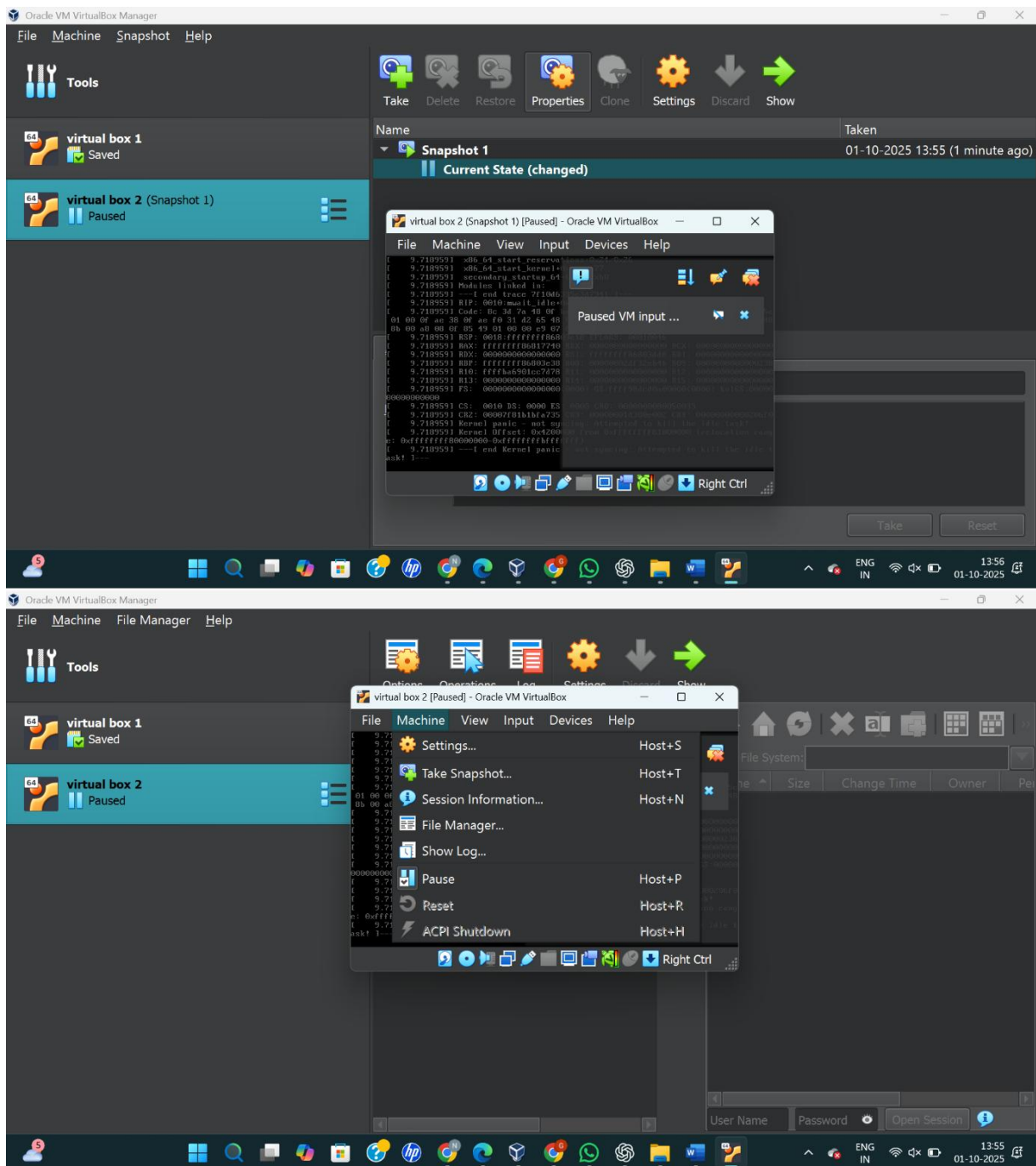
Hardware

[Help](#)[Back](#)[Finish](#)[Cancel](#)









RESULT:

A snapshot of the virtual machine was successfully created and tested by restoring the previous state.