Ganpat University | Institute of Computer Technology

॥ विद्यया समाजोत्कर्षः ॥

Name: Tushar Panchal

En.No: 21162101014

Sub: Virtualization

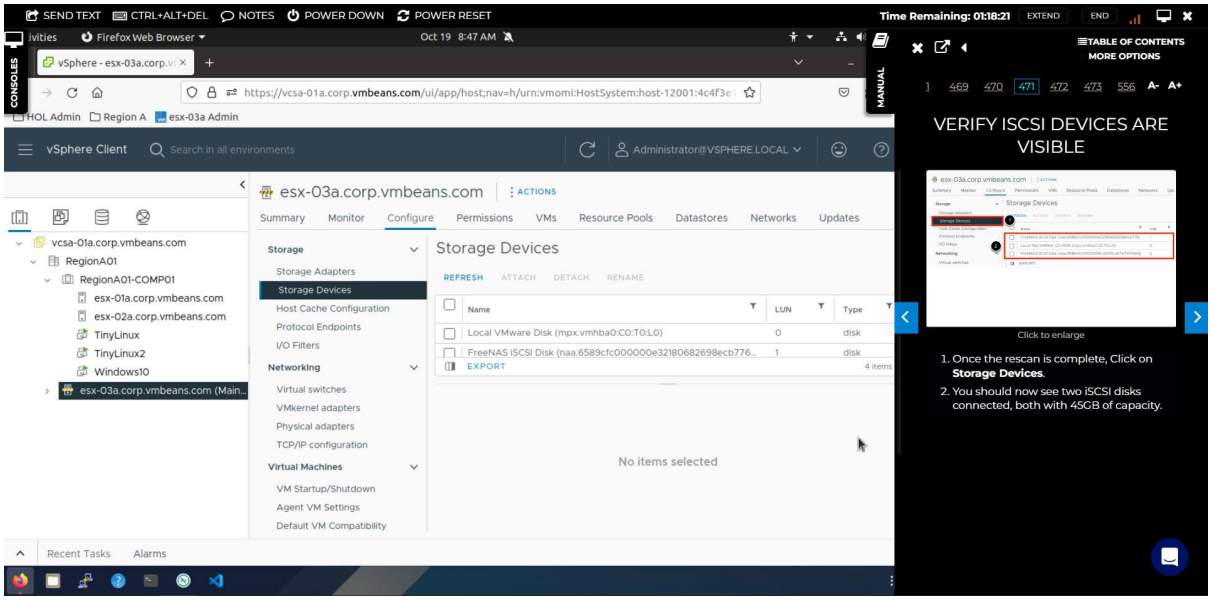
Branch: CBA

Batch:51

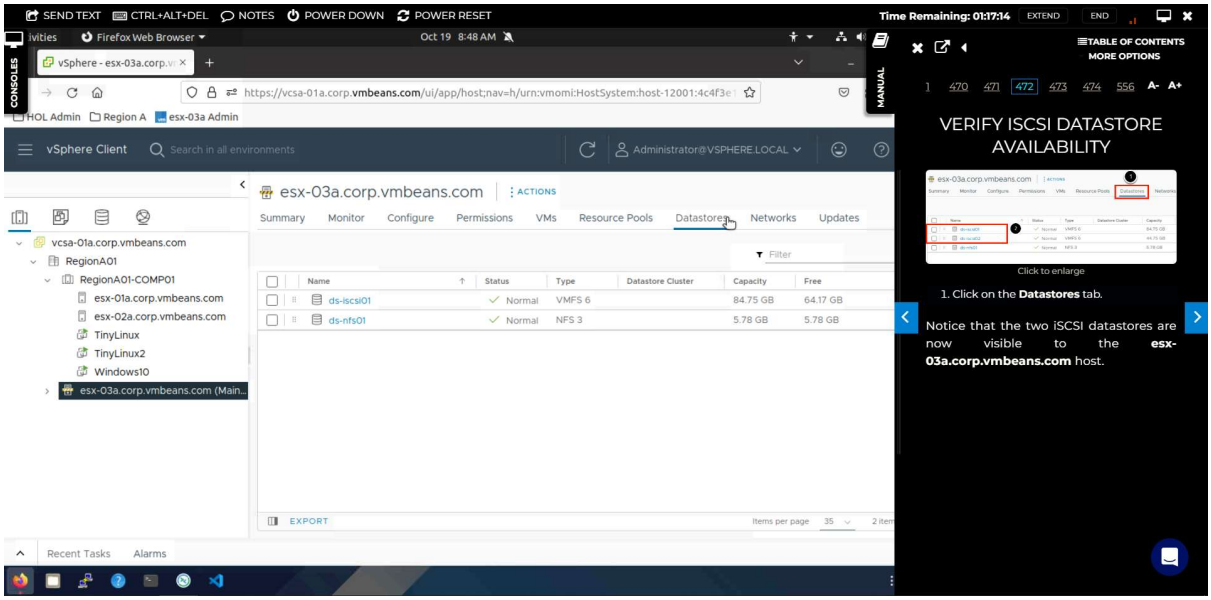
----------PRACTICAL 09----------

❖ Managing virtual machine disks.

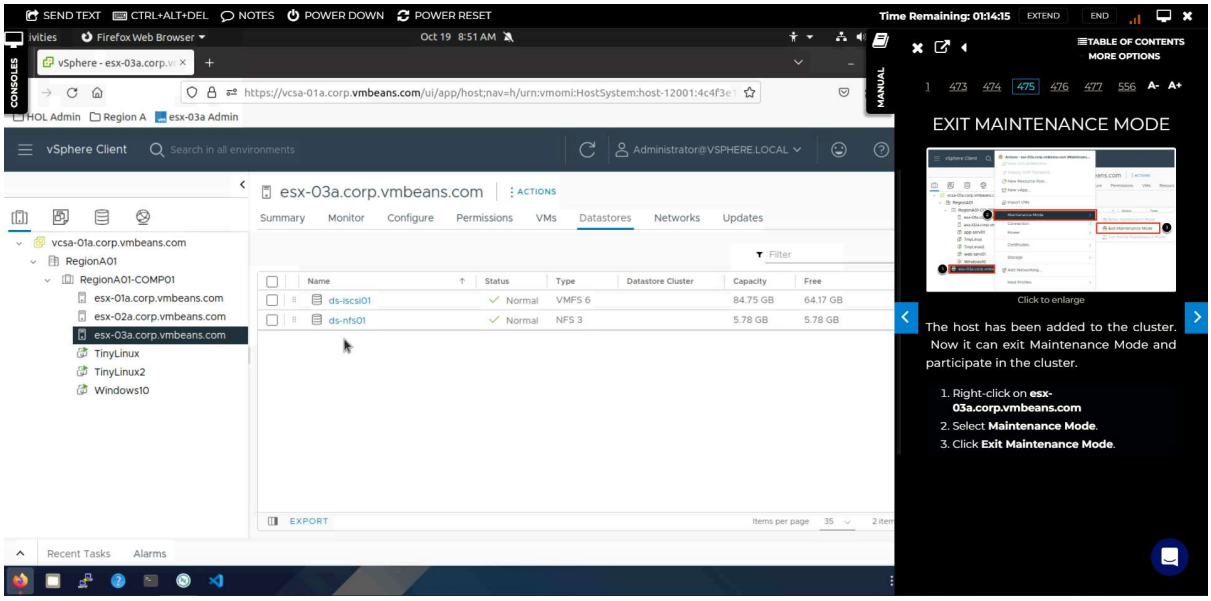
1. Verify the datastores are available with the given file systems (NFS or VMFS) :



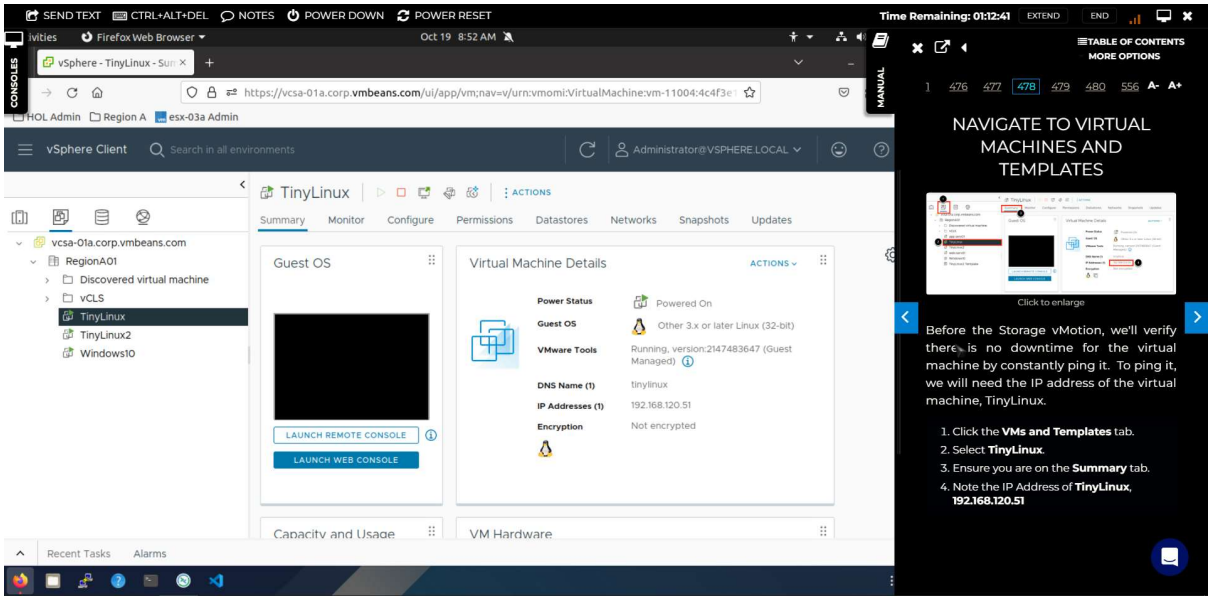
2. Also check the datastore availability for esx-03a host :



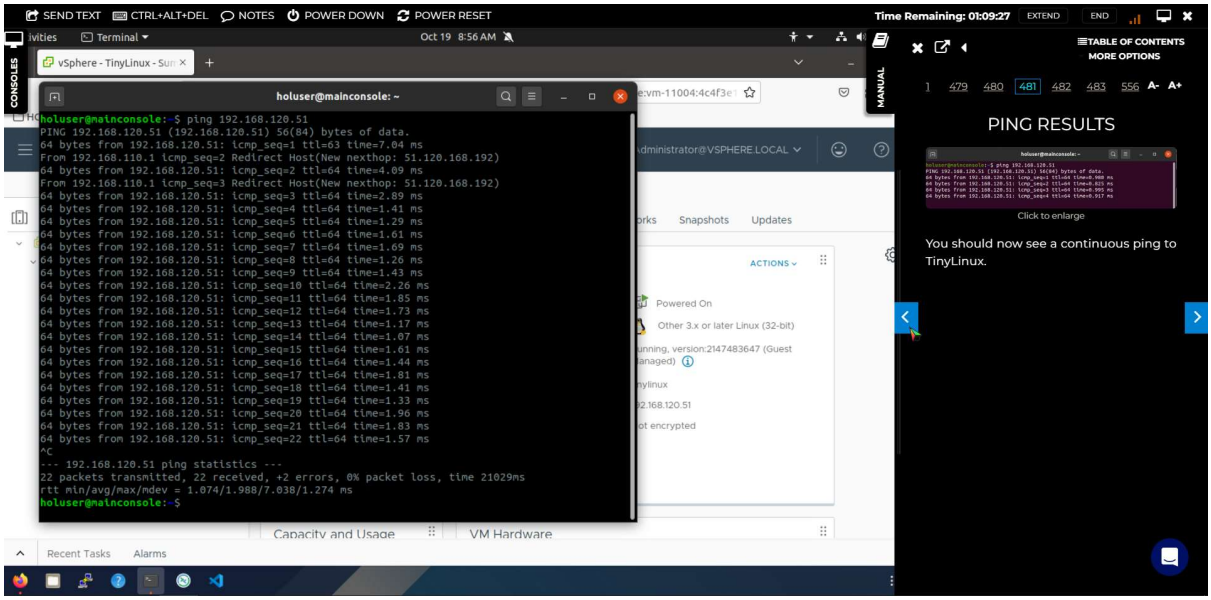
3. Move esx-03a host to RegionA01 and exit the maintenance mode via right clicking it :



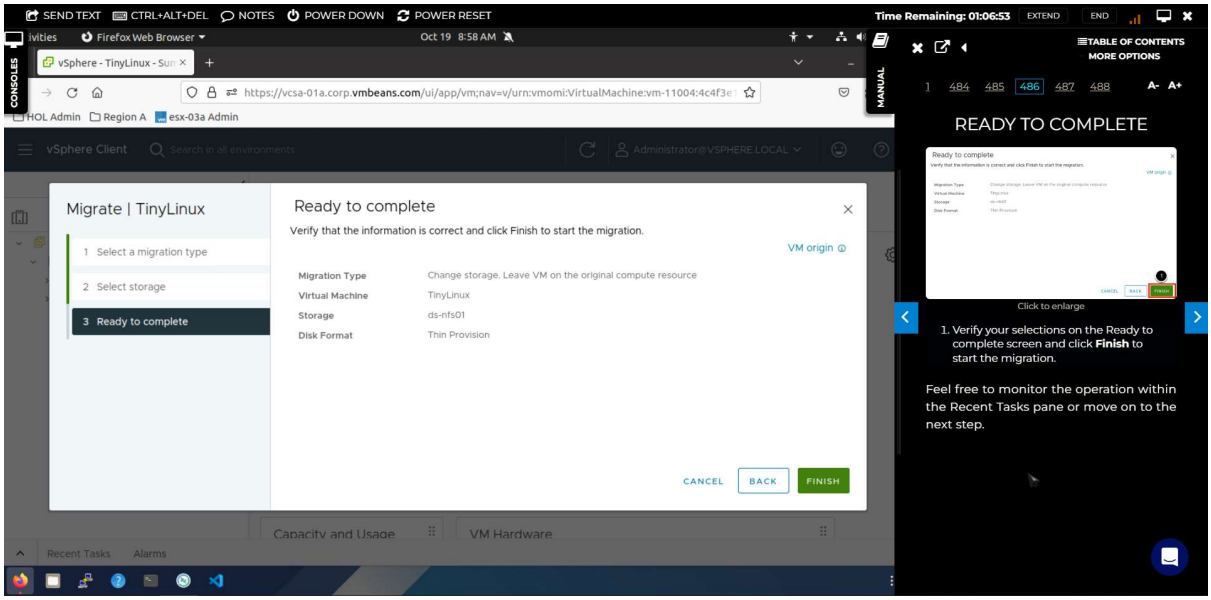
4. Check the details and IP of TinyLinux VM :



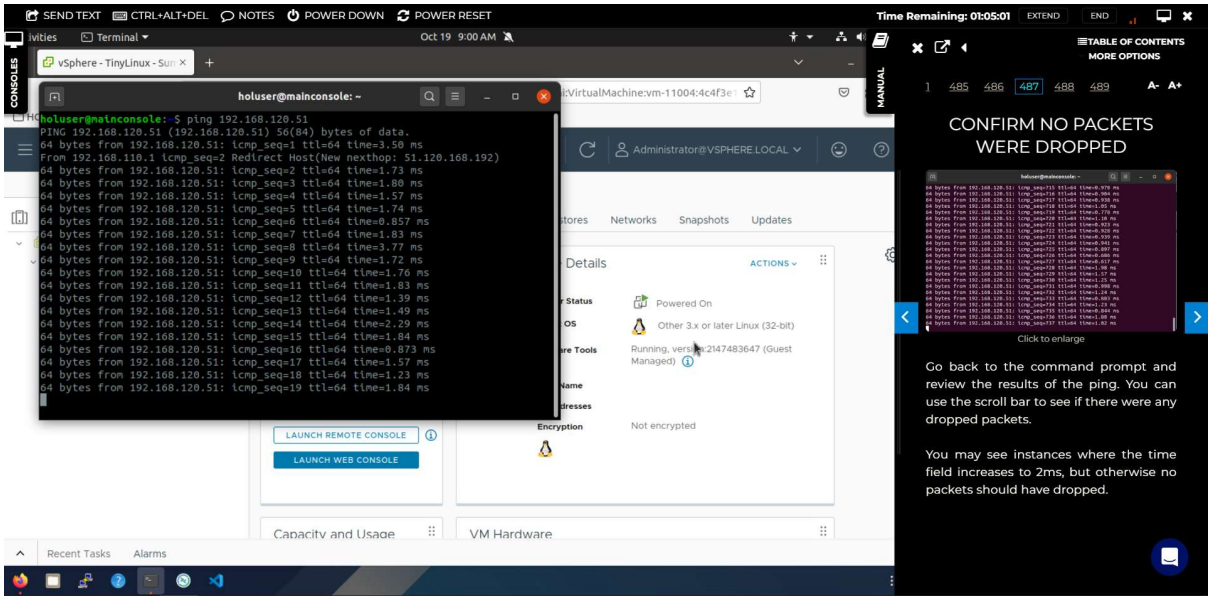
5. Via ping linux command, check the connectivity with the VM in local terminal :



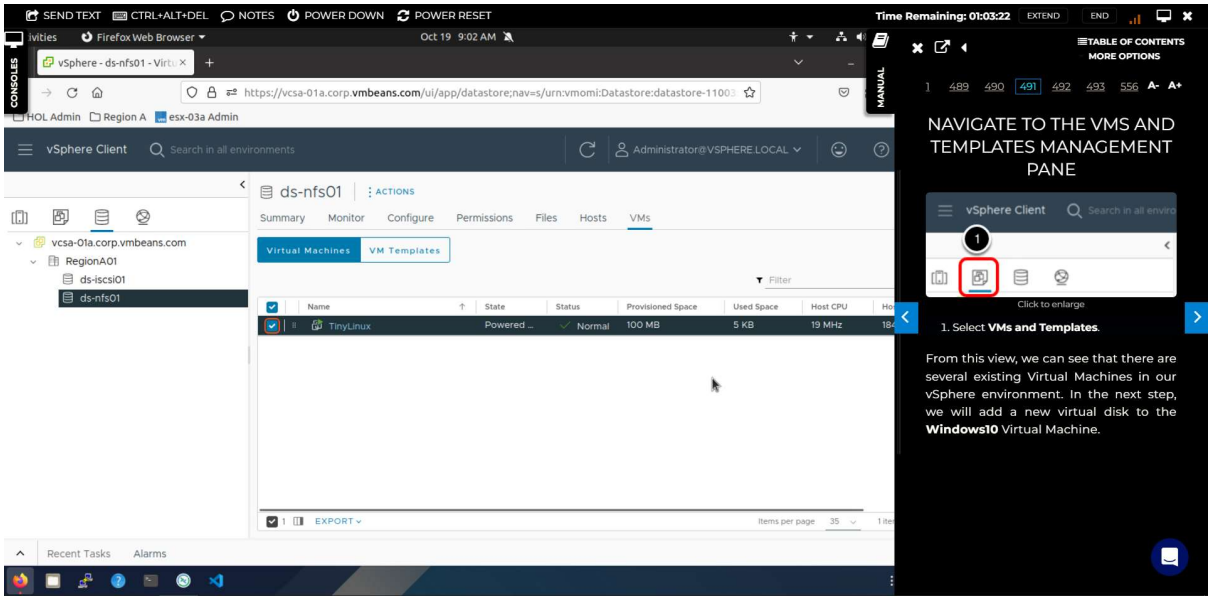
6. Migrate TinyLinux storage to ds-nfs01 of esx-03a :



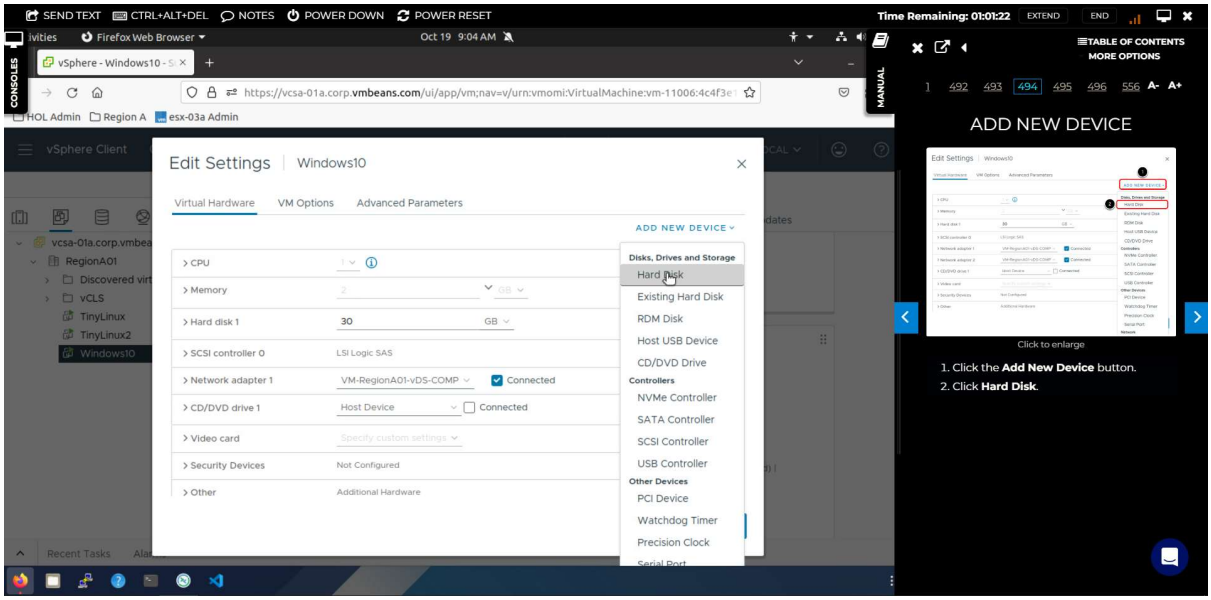
7. Ensure that pinging was continued without any packet drops and stop the ping :

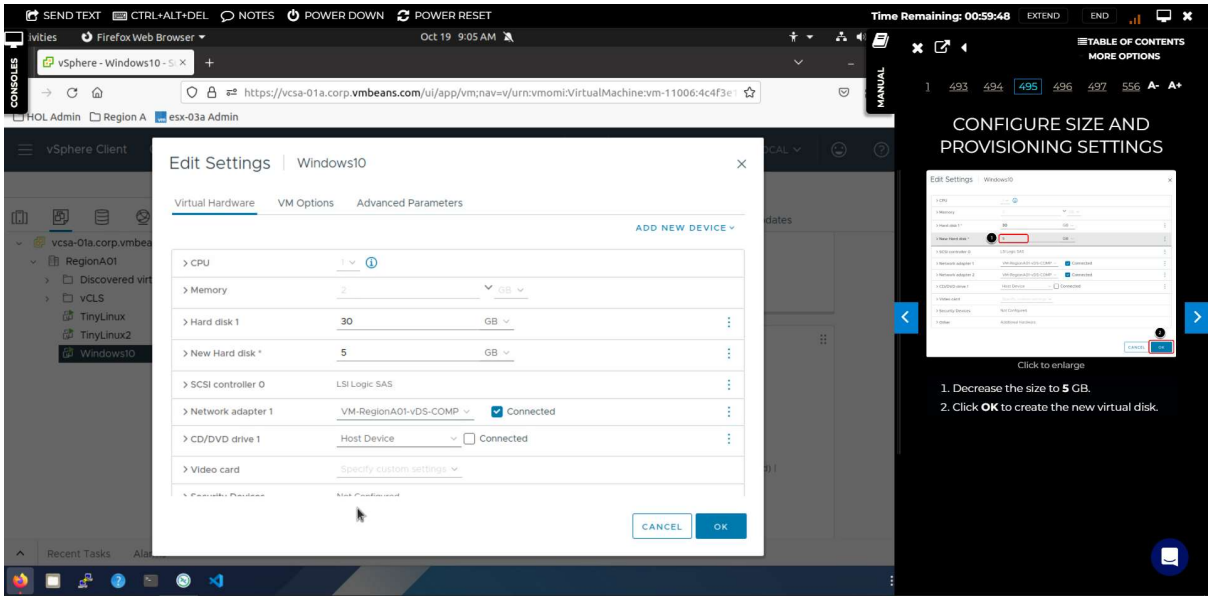


8. Now, check if our VM is migrated to ds-nfs01 datastore :

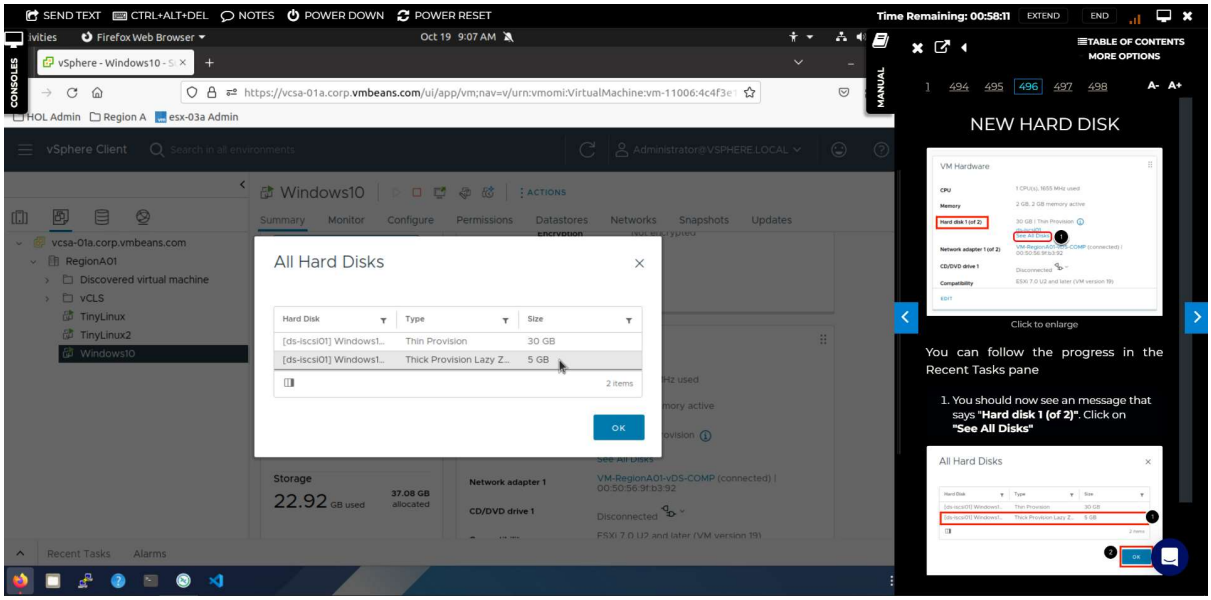


9. Now edit settings of our powered ON Windows 10 VM and add new hard disk :

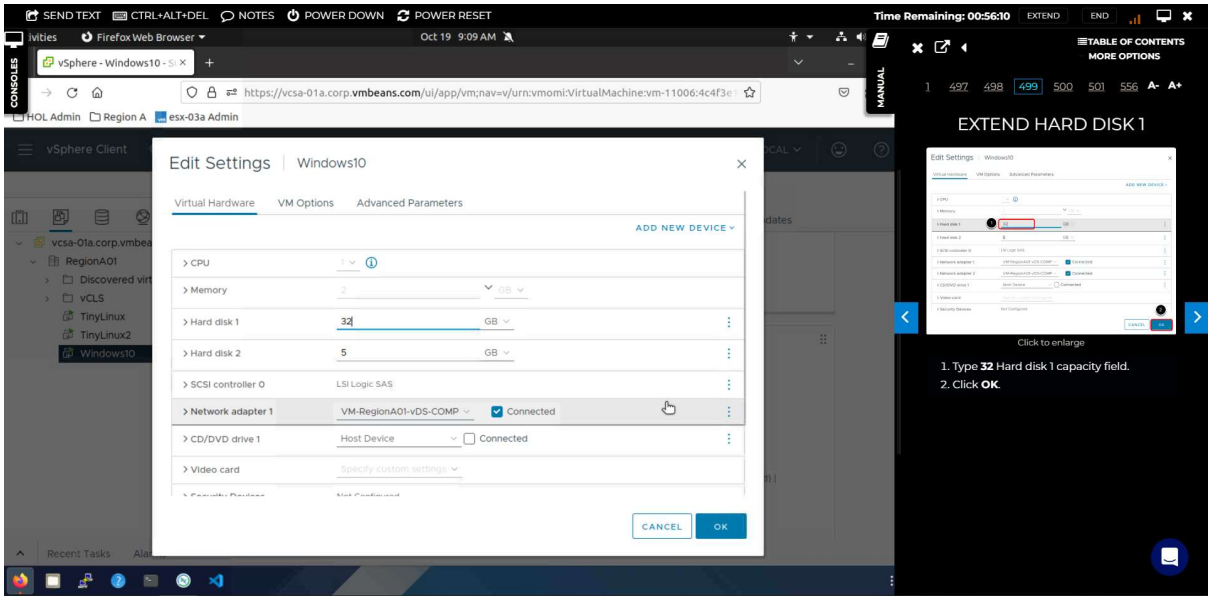




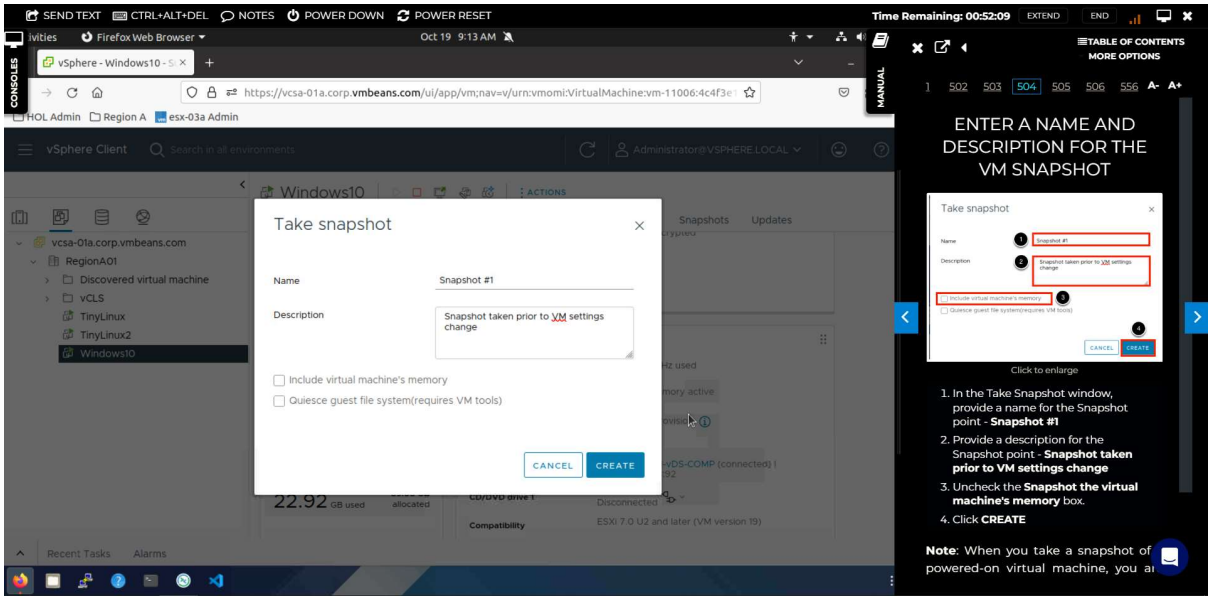
10. Verify our previous step if the disk is added :



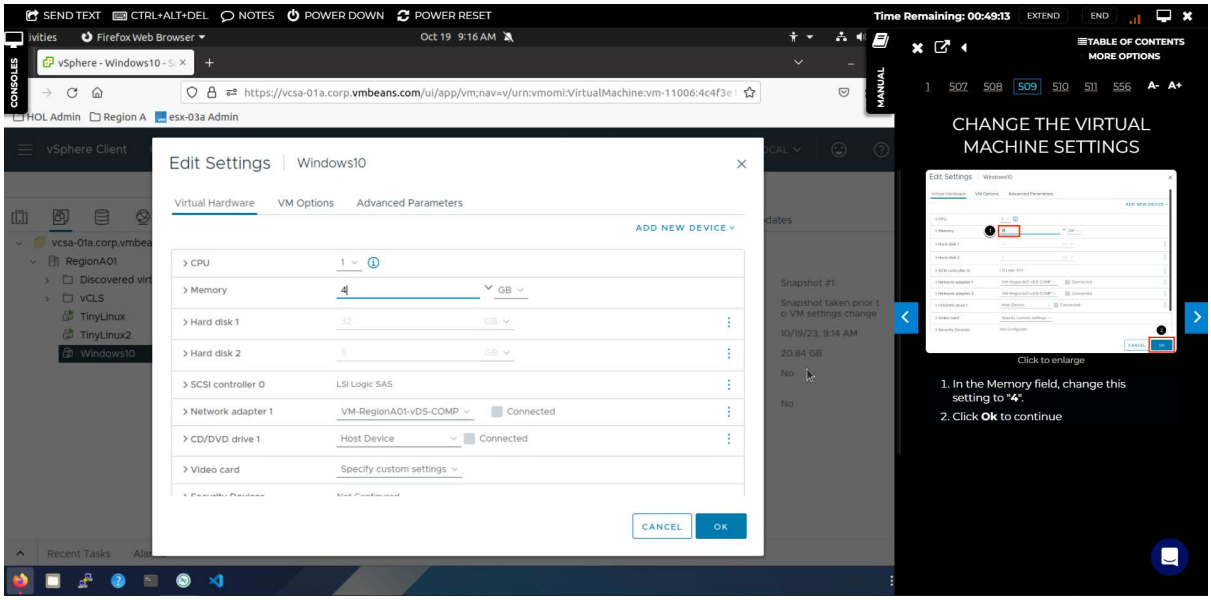
11. Increase its disk 1 capacity from 30 to 32 GB :



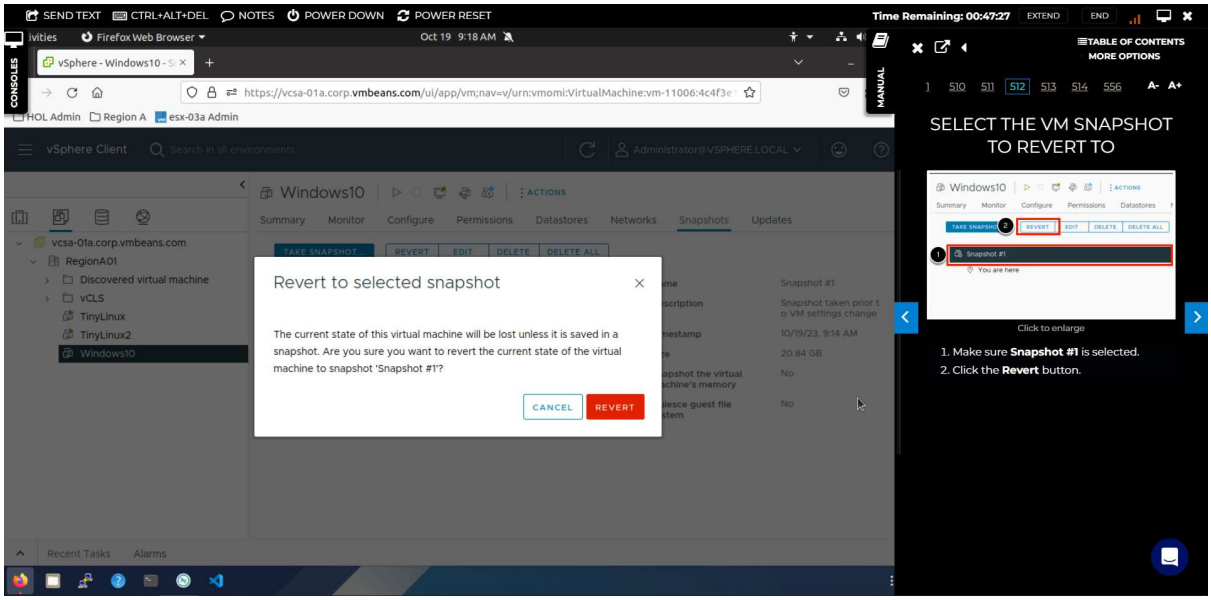
12. Take its snapshot with the given configuration :



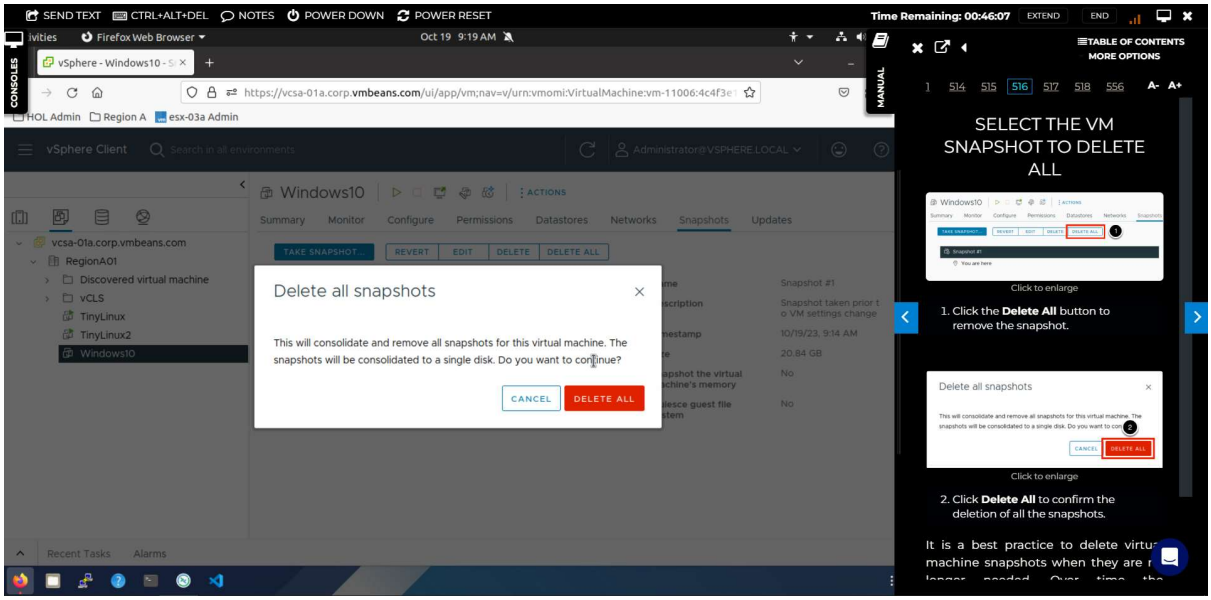
13.Now, turn off the VM and increase its memory from 2 to 4 GB :



14. Now, revert the change using Snapshot we created :



15. Now, delete all the snapshots taken :



» Conclusion :

In this virtualization practical exercise, we performed various tasks related to managing virtual machine disks and configurations. We started by verifying datastores' availability, ensuring the connectivity of a TinyLinux VM, and migrating its storage. We also added a new hard disk to a Windows 10 VM, increased its disk capacity, took a snapshot, and then modified the VM's memory. We concluded by reverting the changes using the snapshot and finally deleting all snapshots. This practical provided hands-on experience in essential virtualization tasks, including storage management and VM configuration, which are crucial in virtualized environments.