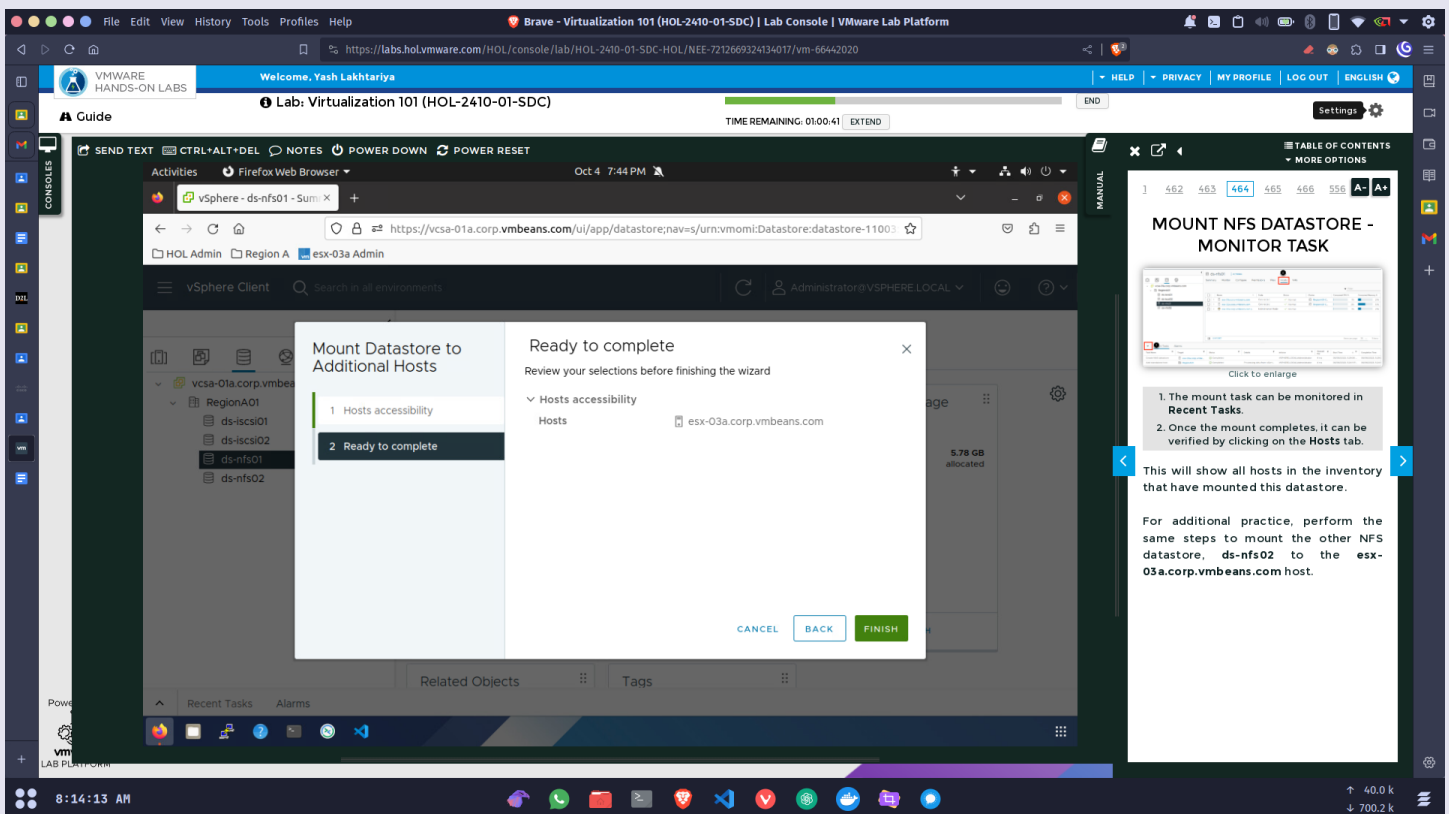


Name - Yash Lakhtariya
Enrollment number - 21162101012
Branch - CBA Batch - 51
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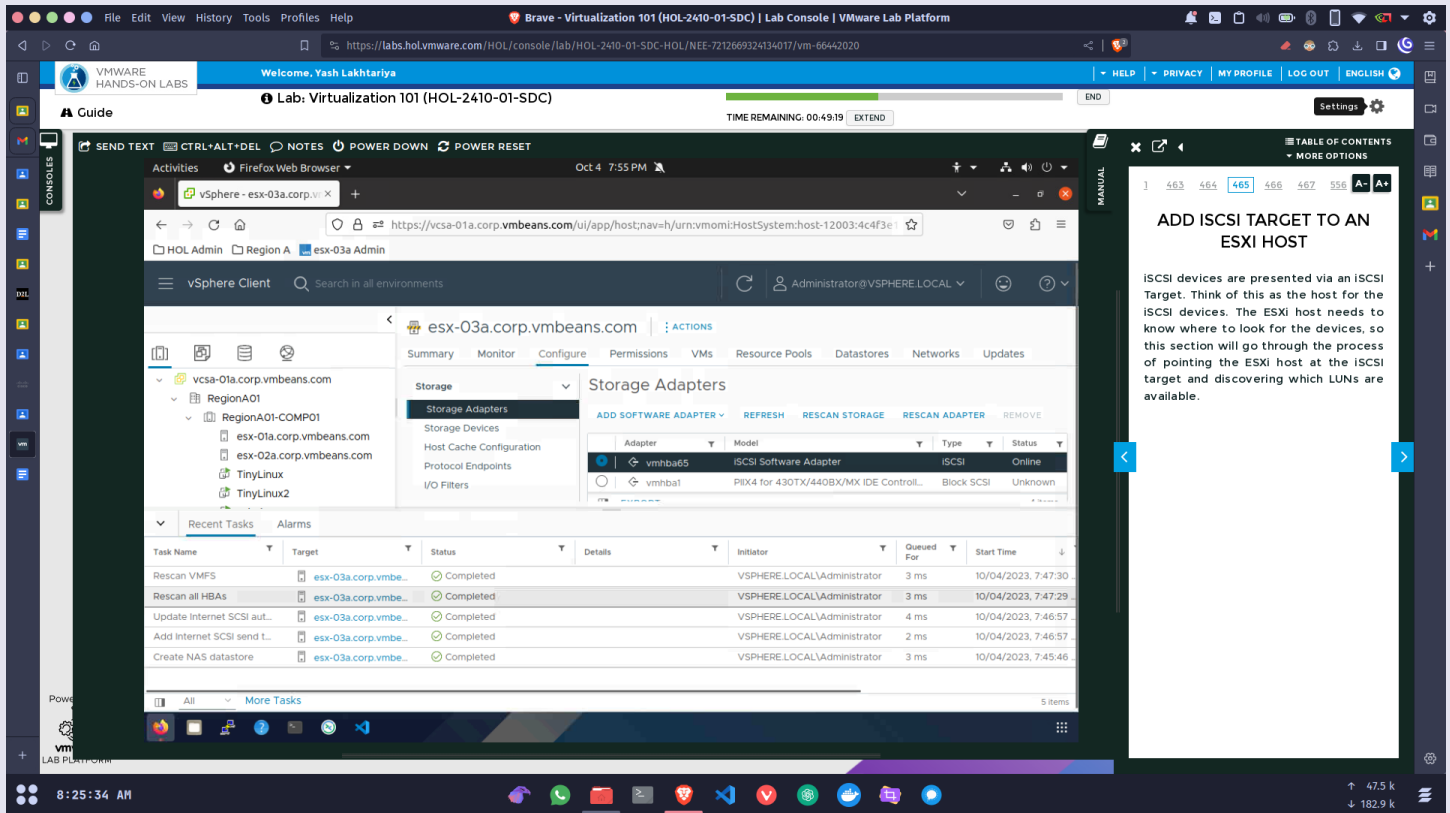
Practical 8 : Managing Storage vMotion in vSphere

1. Navigate to the Storage pane, and via Actions of ds-nfs01, click Mount Datastore to Additional Hosts and select the newly created host esx03.



Name - Yash Lakhtariya
Enrollment number - 21162101012
Branch - CBA Batch - 51
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2. The mount tasks can be monitored in the Recent Tasks pane below.



The screenshot shows the VMware vSphere Client interface for 'esx-03a.corp.vmbeans.com'. The 'Recent Tasks' pane is open, displaying a list of tasks. The tasks are as follows:

Task Name	Target	Status	Initiator	Queued For	Start Time
Rescan VMFS	esx-03a.corp.vmbe...	Completed	VSPHERE.LOCAL\Administrator	3 ms	10/04/2023, 7:47:30
Rescan all HBAs	esx-03a.corp.vmbe...	Completed	VSPHERE.LOCAL\Administrator	3 ms	10/04/2023, 7:47:29
Update Internet SCSI aut...	esx-03a.corp.vmbe...	Completed	VSPHERE.LOCAL\Administrator	4 ms	10/04/2023, 7:46:57
Add Internet SCSI send L...	esx-03a.corp.vmbe...	Completed	VSPHERE.LOCAL\Administrator	2 ms	10/04/2023, 7:46:57
Create NAS datastore	esx-03a.corp.vmbe...	Completed	VSPHERE.LOCAL\Administrator	3 ms	10/04/2023, 7:45:46

Name - Yash Lakhtariya
Enrollment number - 21162101012
Branch - CBA Batch - 51
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3. Now, via Configure option of esx03 host, add storage adapter vmhba65 to it and in Dynamic Discovery, add 10.10.20.60 server with 3260 port.

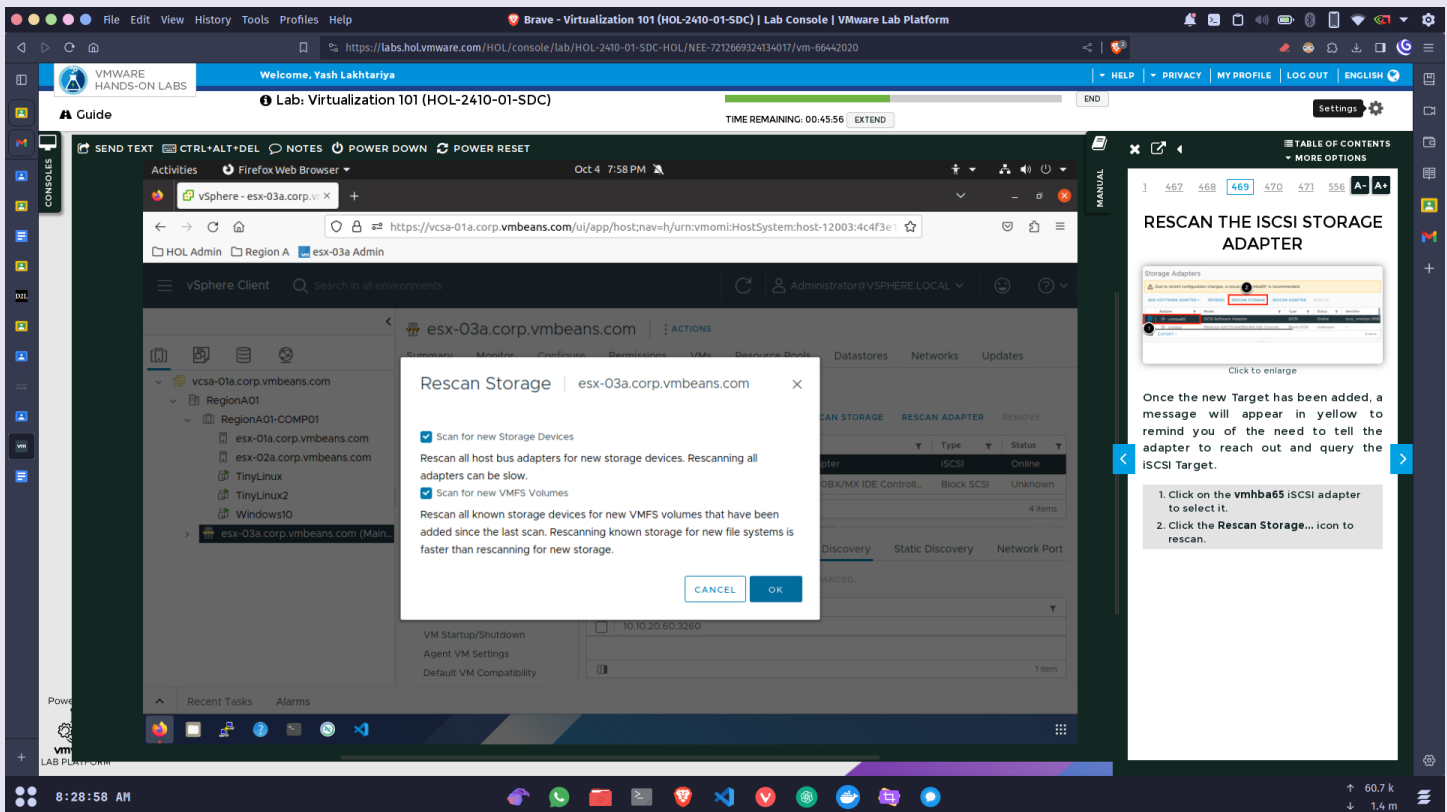
The screenshot shows the VMware vSphere Client interface for the host 'esx-03a.corp.vmbeans.com'. The 'Configure' tab is selected, and the 'Storage Adapters' section is expanded. The 'Storage Adapters' table lists two adapters: 'vmhba65' (ISCSI Software Adapter, ISCSI, Online) and 'vmhba1' (PIX4 for 430TX/440BX/MX IDE Control..., Block SCSI, Unknown). The 'Dynamic Discovery' tab is selected, showing a list of ISCSI servers with one entry: '10.10.20.60:3260'. A sidebar on the right provides instructions for performing dynamic discovery.

PERFORM DYNAMIC DISCOVERY

1. Select 'Storage Adapters'
2. Select the 'vmhba65' adapter in the ISCSI Software Adapter section.
3. Click on 'Dynamic Discovery' - notice that the list of ISCSI Servers is currently empty.
4. Click 'Add'

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4. Now, rescan the storage devices and ensure the configurations done are working.



Conclusion : This lab elaborates the deeper insights of Storage management in VMware ESXi, including mounting storage devices to one or more hosts, assigning the storage adapters to hosts and configuring the dynamic discovery of the devices through iSCSI server address on a specific port.