

Create the data store using vcenter

2. Perform the migration of atleast two virtual machine from one host to another

Create a new user using single sign on and sign in again using new user credential

4. Create and configured distributed and standard switch

# 1. Perform the migration of atleast two virtual machine from one host to another

The screenshot shows the VMware vSphere Client interface. The top navigation bar includes the VMware logo, user name 'Ashok Gehlot', and various links like 'HELP', 'PRIVACY', 'MY PROFILE', 'LOG OUT', and 'ENGLISH'. The main content area is titled 'Lab: Virtualization 101 (HOL-2410-01-SDC)' and shows a progress bar for 'Perform the migration of atle...' with a time remaining of 03:09:44. The interface is divided into several sections: 'Host Details' for 'esx-01a.corp.vmbeans.com' and a table of virtual machines.

**Host Details for esx-01a.corp.vmbeans.com:**

- Hypervisor: VMware ESX, 8.0 U2, 2053087
- Model: VMware71
- Processor Type: Intel(R) Xeon(R) Gold 6230R CPU @ 2.10GHz
- Logical Processors: 2
- NICs: 4
- Virtual Machines: 3
- State: Connected
- Uptime: 2 hours

**Capacity and Usage:**

- CPU: 128 vCPUs, 4.16 GHz allocated
- Memory: 1.9 GB used, 8 GB allocated
- Storage: 20.57 GB used, 90.53 GB allocated

**Virtual Machines Table:**

Name	State	Provisioned Space	Used Space	Host CPU	Host Mem
11	Powered...	20.7 GB	1.46 KB	0 Hz	0 B
22	Powered...	20.7 GB	1.46 KB	0 Hz	0 B
TinyLinux2	Powered...	436.52 MB	371.92 MB	0 Hz	161 MB

A warning message is displayed: 'Your network connection is degraded. Console experience may slow.'

24Online Client

Virtualization 101 (HOL-2410-01) Perform the migration of atle

https://labs.hol.vmware.com/HOL/console/lab/HOL-2410-01-SDC-HOL/NEE-9\_3615133552785/vm-67360696

VMWARE HANDS-ON LABS

Welcome, Ashok Gehlot

Lab: Virtualization 101 (HOL-2410-01-SDC)

TIME REMAINING: 03:07:04

Guide

SEND TEXT CTRL+ALT+DEL NOTES POWER DOWN POWER RESET

Activities vSphere Web Browser Nov 2 2:59 AM

vsphere-esx-01a.corp

HOL Admin Region A esx-01a Admin

vSphere Client Search in all environments

esx-01a.corp.vmbeans.com ACTIONS

Summary Monitor Configure Permissions VMs Datastores Networks Updates

Virtual Machines VM Templates

esx-01a.corp.vmbeans.com

RegionA01

esx-01a.corp.vmbeans.com

esx-02a.corp.vmbeans.com

1

22

TinyLinux

TinyLinux2

Windows10

Nov 2 2:59 AM

82°F Haze

3:29 PM 11/2/2023

24Online Client

Virtualization 101 (HOL-2410-01) Perform the migration of atle (45) How to migrate virtual m

https://labs.hol.vmware.com/HOL/console/lab/HOL-2410-01-SDC-HOL/NEE-9\_3615133552785/vm-67360696

VMWARE HANDS-ON LABS

Welcome, Ashok Gehlot

Lab: Virtualization 101 (HOL-2410-01-SDC)

TIME REMAINING: 03:04:55

Guide

SEND TEXT CTRL+ALT+DEL NOTES POWER DOWN POWER RESET

Activities vSphere Web Browser Nov 2 3:01 AM

vsphere-esx-01a.corp

HOL Admin Region A esx-01a Admin

vSphere Client Search in all environments

esx-01a.corp ACTIONS

Summary Monitor Configure Permissions VMs Datastores Networks Updates

Virtual Machines VM Templates

esx-01a.corp

RegionA01

esx-01a.corp

esx-02a.corp

1

22

TinyLinux

TinyLinux2

Windows10

Nov 2 3:01 AM

82°F Haze

3:31 PM 11/2/2023

24Online Client

Virtualization 101 (HOL-2410-01) | Perform the migration of atle... | (45) How to migrate virtual m...

https://labs.hol.vmware.com/HOL/console/lab/HOL-2410-01-SDC-HOL/NEE-9\_3615133552785/vm-67360696

VMWARE HANDS-ON LABS

Welcome, Ashok Gehlot

Lab: Virtualization 101 (HOL-2410-01-SDC)

TIME REMAINING: 03:04:41

SEND TEXT | CTRL+ALT+DEL | NOTES | POWER DOWN | POWER RESET

2 Virtual Machines - Migrate

Select a migration type

Change the virtual machines' compute resource, storage, or both.

- ☒ Change compute resource only  
Migrate the virtual machines to another host or cluster.
- ☐ Change storage only  
Migrate the virtual machines' storage to a compatible datastore or datastore cluster.
- ☐ Change both compute resource and storage  
Migrate the virtual machines to a specific host or cluster and their storage to a specific datastore or datastore cluster.
- ☐ Cross vCenter Server export  
Migrate the virtual machines to a vCenter Server not linked to the current SDC domain.

CANCEL | NEXT

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3:31 PM 11/2/2023

24Online Client

Virtualization 101 (HOL-2410-01) | Perform the migration of atle... | (45) How to migrate virtual m...

https://labs.hol.vmware.com/HOL/console/lab/HOL-2410-01-SDC-HOL/NEE-9\_3615133552785/vm-67360696

VMWARE HANDS-ON LABS

Welcome, Ashok Gehlot

Lab: Virtualization 101 (HOL-2410-01-SDC)

TIME REMAINING: 03:03:53

SEND TEXT | CTRL+ALT+DEL | NOTES | POWER DOWN | POWER RESET

2 Virtual Machines - Migrate

Select a compute resource

Name	State	Status	Cluster	Cancel
esx-01a.vsphere.vmware.com	Connected	✓ Normal	RegionA01-C...	1
esx-02a.vsphere.vmware.com	Connected	✓ Normal	RegionA01-C...	2

Compatibility

✓ Compatibility checks succeeded.

CANCEL | BACK | NEXT

82°F Haze

3:32 PM 11/2/2023

24Online Client

Virtualization 101 (HOL-2410-01) | Perform the migration of atle... | (45) How to migrate virtual m...

https://labs.hol.vmware.com/HOL/console/lab/HOL-2410-01-SDC-HOL/NEE-9\_3615133552785/vm-67360696

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VMWARE HANDS-ON LABS

Welcome, Ashok Gehlot

HELP PRIVACY MY PROFILE LOG OUT ENGLISH

Lab: Virtualization 101 (HOL-2410-01-SDC)

TIME REMAINING: 03:03:36

Guide

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Activities Firefox Web Browser

Nov 2 3:02 AM

2 Virtual Machines - Migrate

1 Select a migration type

2 Select a compute resource

3 Select networks

4 Ready to complete

Select networks

Select destination networks for the virtual machine migration. Migrate VM networking by selecting a new destination network for all VM network adapters attached to the same source network.

Source Network	Used By	Destination Network
VM Network	2 VMs / 2 Network adapters	VM Network

Compatibility

Compatibility checks succeeded.

CANCEL BACK NEXT

82°F Haze

3:32 PM 11/2/2023

24Online Client

Virtualization 101 (HOL-2410-01) | Perform the migration of atle... | (45) How to migrate virtual m...

https://labs.hol.vmware.com/HOL/console/lab/HOL-2410-01-SDC-HOL/NEE-9\_3615133552785/vm-67360696

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VMWARE HANDS-ON LABS

Welcome, Ashok Gehlot

HELP PRIVACY MY PROFILE LOG OUT ENGLISH

Lab: Virtualization 101 (HOL-2410-01-SDC)

TIME REMAINING: 03:03:22

Guide

SEND TEXT CTRL+ALT+DEL NOTES POWER DOWN POWER RESET

Activities Firefox Web Browser

Nov 2 3:02 AM

2 Virtual Machines - Migrate

1 Select a migration type

2 Select a compute resource

3 Select networks

4 Ready to complete

Ready to complete

Verify that the information is correct and click Finish to start the migration.

Migration Type	Change compute resource. Leave VM on the original storage
Virtual Machine	Migrating 2 VMs
Cluster	RegionA01-COMPO1
Host	esx-02a.corp.vmware.com
Networks	No network reassignments

CANCEL BACK FINISH

82°F Haze

3:32 PM 11/2/2023

24Online Client

Virtualization 101 (HOL-2410-01) | Perform the migration of atle... | (45) How to migrate virtual m... | +

https://labs.hol.vmware.com/HOL/console/lab/HOL-2410-01-SDC-HOL/NEE-9\_3615133552785/vm-67360696

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VMWARE HANDS-ON LABS

Welcome, Ashok Gehlot

HELP PRIVACY MY PROFILE LOG OUT ENGLISH

Guide

Lab: Virtualization 101 (HOL-2410-01-SDC)

TIME REMAINING: 03:02:40

SEND TEXT CTRL+ALT+DEL NOTES POWER DOWN POWER RESET

Activities Firefox Web Browser

Nov 2 3:03 AM

esx-01a.corp.vmbeans.com

Summary Monitor Configure Permissions VMs Databases Networks Updates

Virtual Machines VM Templates

esx-01a.corp.vmbeans.com

RegionA01

RegionA01-COMP01

esx-01a.corp.vmbeans.com

esx-02a.corp.vmbeans.com

TinyLinux

TinyLinux2

Windows10

Table with 7 columns: Name, State, Status, Provisioned Space, Used Space, Host CPU, Host Memory

Recent Tasks Alarms

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3:33 PM 11/2/2023

24Online Client

Virtualization 101 (HOL-2410-01) | Perform the migration of atle... | (45) How to migrate virtual m... | +

https://labs.hol.vmware.com/HOL/console/lab/HOL-2410-01-SDC-HOL/NEE-9\_3615133552785/vm-67360696

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VMWARE HANDS-ON LABS

Welcome, Ashok Gehlot

HELP PRIVACY MY PROFILE LOG OUT ENGLISH

Guide

Lab: Virtualization 101 (HOL-2410-01-SDC)

TIME REMAINING: 03:02:33

SEND TEXT CTRL+ALT+DEL NOTES POWER DOWN POWER RESET

Activities Firefox Web Browser

Nov 2 3:03 AM

esx-02a.corp.vmbeans.com

Summary Monitor Configure Permissions VMs Databases Networks Updates

Virtual Machines VM Templates

esx-01a.corp.vmbeans.com

esx-02a.corp.vmbeans.com

RegionA01

RegionA01-COMP01

esx-01a.corp.vmbeans.com

esx-02a.corp.vmbeans.com

TinyLinux

TinyLinux2

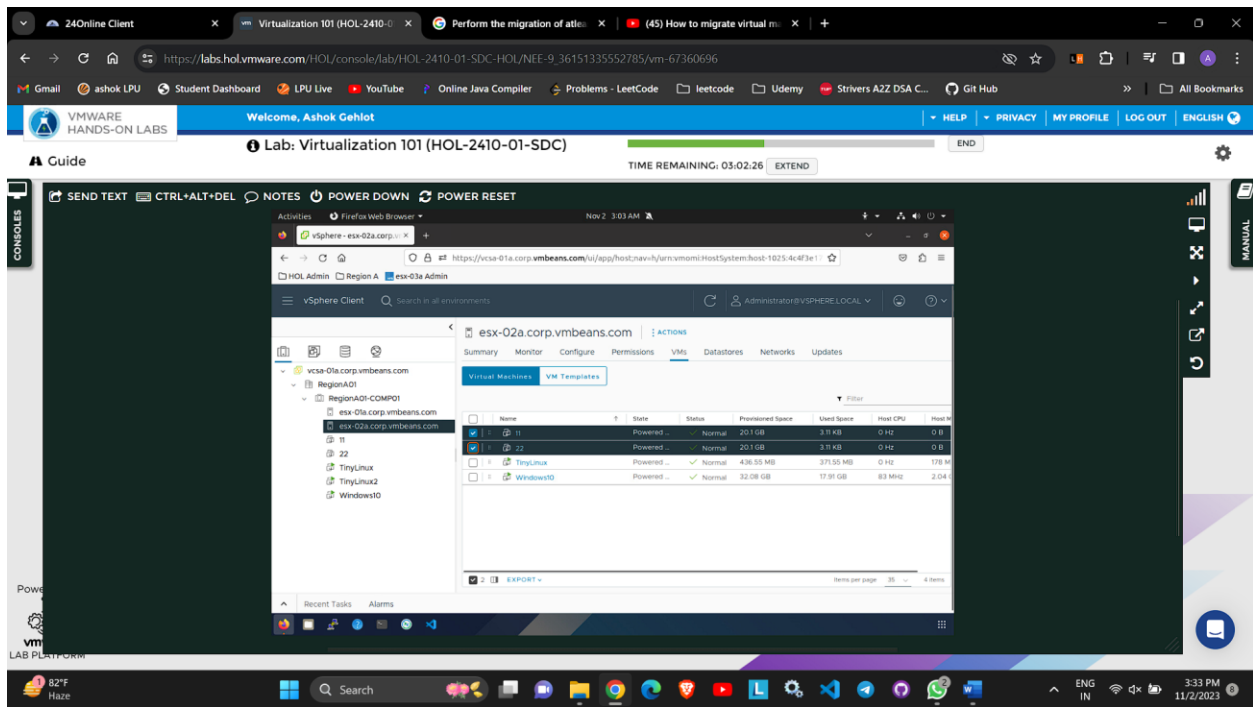
Windows10

Table with 7 columns: Name, State, Status, Provisioned Space, Used Space, Host CPU, Host Memory

Recent Tasks Alarms

82°F Haze

3:33 PM 11/2/2023



## 2. Create and configured distributed and standard switch