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Transforming Education Transforming India

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ROLL :- 23

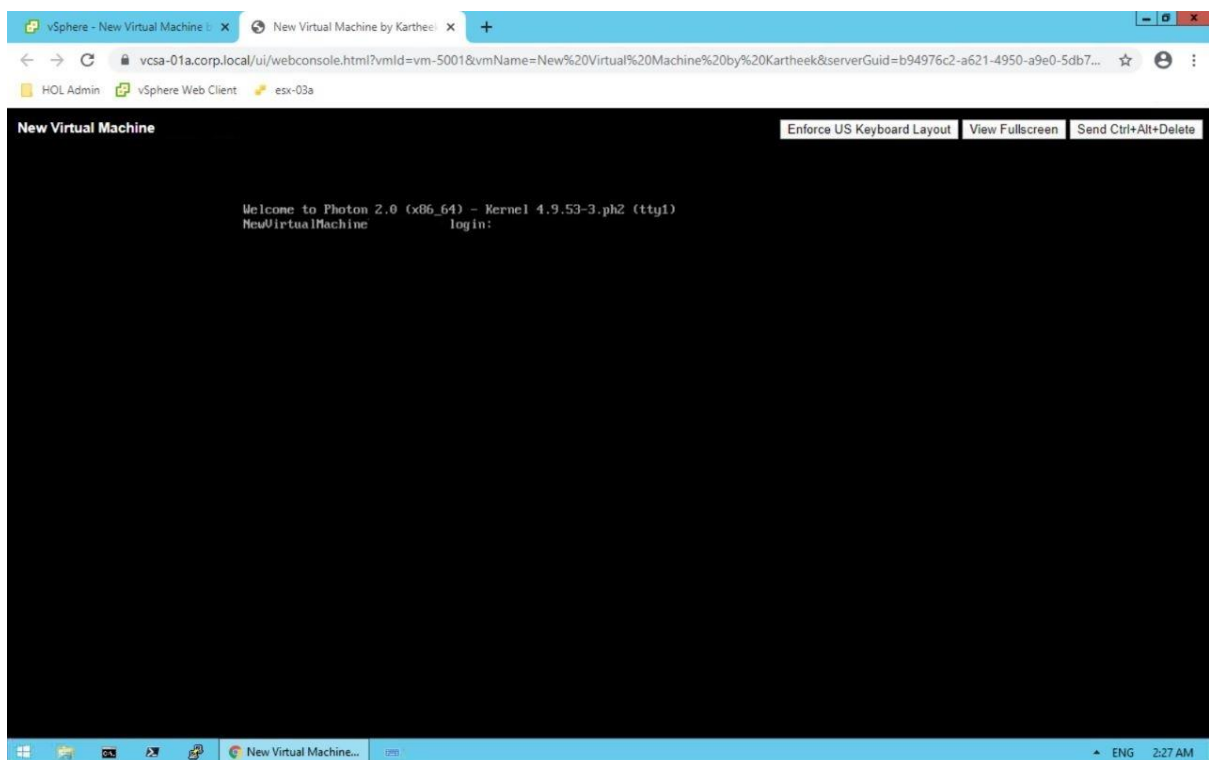
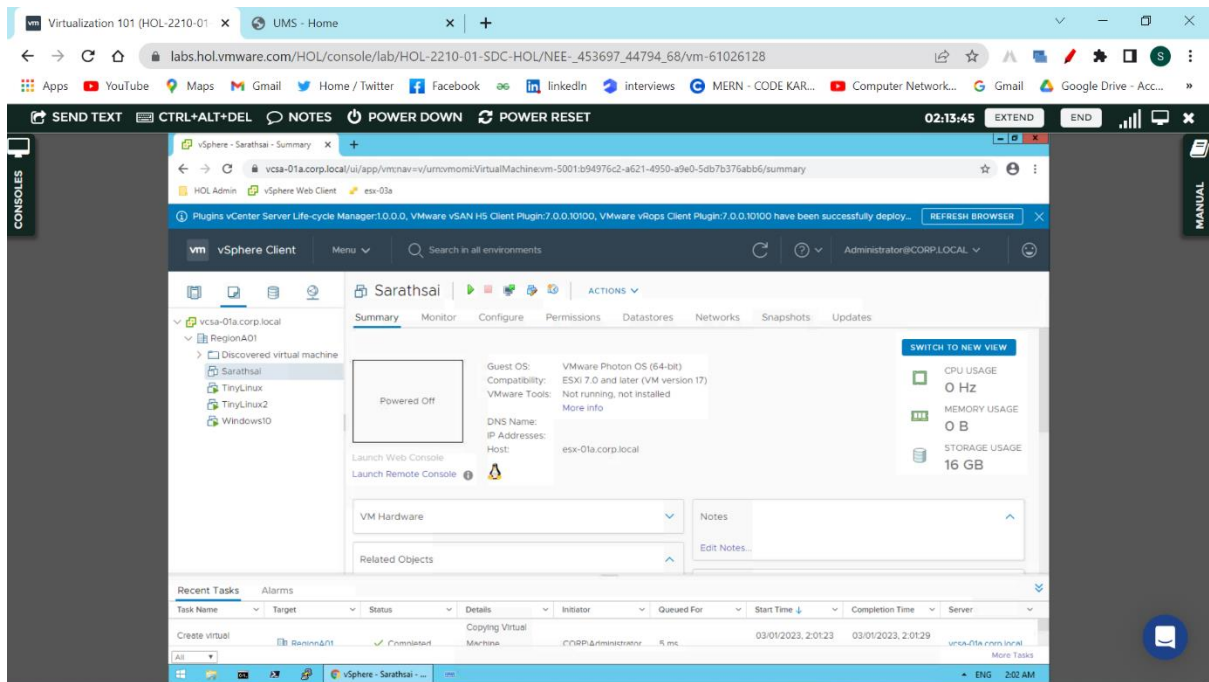
COURSE CODE :- CSE427

COURSE NAME:- CLOUD COMPUTING LABORATORY

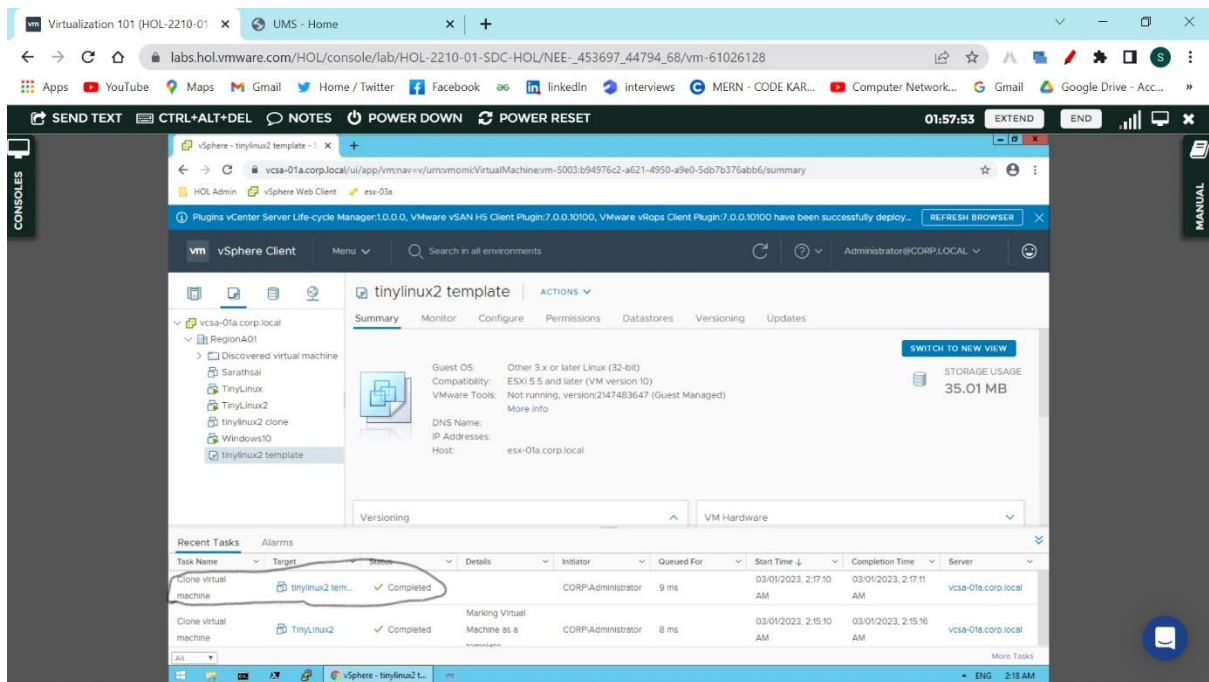
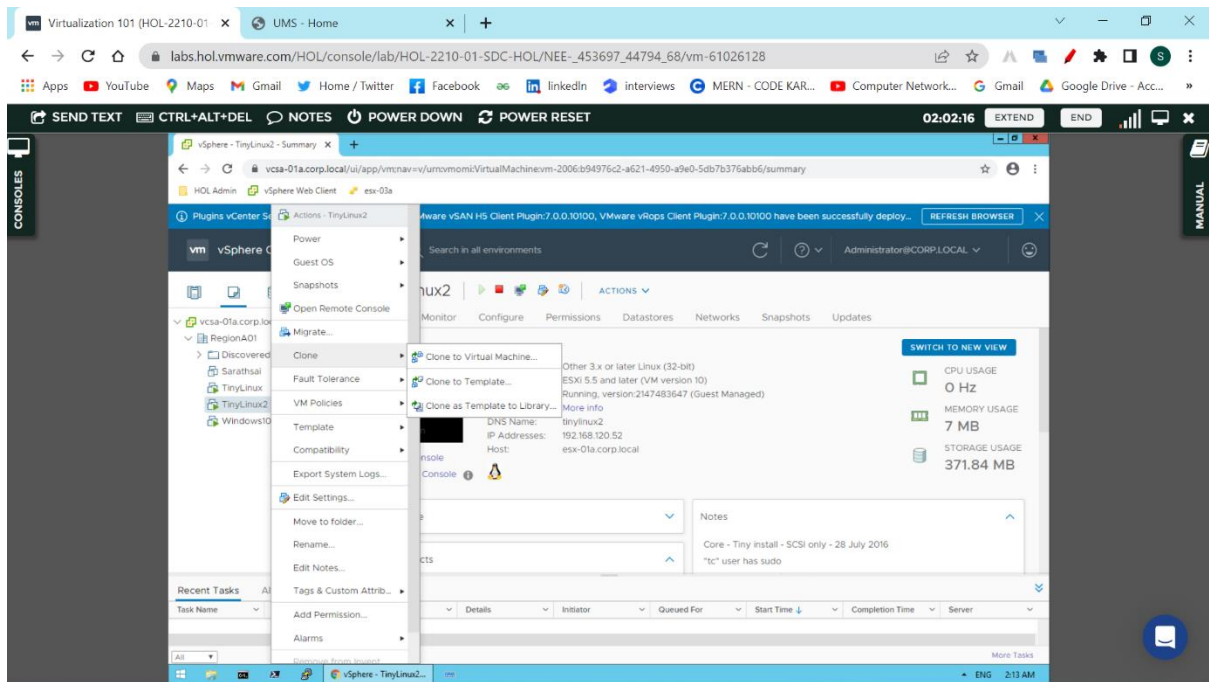
CA 2 >> PRACTICALS (DATE - March 1, 2023)

Q1:- CREATING A VM, WHERE INSTALL PHOTON OS

SCREENSHOTS:-



Q2:- CLONING



Q3:-SNAPSHOT

Virtualization 101 (HOL-2210-01) x UMS - Home x +

labs.hol.vmware.com/HOL/console/lab/HOL-2210-01-SDC-HOL/NEE-453697_44794_68/vm-61026128

Plugins vCenter Server Life-cycle Manager:1.0.0.0, VMware vSAN H5 Client Plugin:7.0.0.10100, VMware vTools Client Plugin:7.0.0.10100 have been successfully deploy...

vm vSphere Client

tinylinux2 template

Summary Monitor Configure Permissions Datastores Versioning Updates

Guest OS: Other 3.x or later Linux (32-bit)
Compatibility: ESXi 5.5 and later (VM version 10)
VMware Tools: Not running, version2147483647 (Guest Managed)
More info
DNS Name: Host: esx-01a.corp.local

STORAGE USAGE
35.01 MB

Recent Tasks

Task Name	Target	Status	Details	Initiator	Queued For	Start Time	Completion Time	Server
Create virtual machine snapshot	TinyLinux	Completed		CORPAdministrator	3 ms	03/01/2023, 2:20:37 AM	03/01/2023, 2:20:37 AM	vcsa-01a.corp.local
Clone virtual machine	tinylinux2 tem...	Completed		CORPAdministrator	9 ms	03/01/2023, 2:17:10 AM	03/01/2023, 2:17:11 AM	vcsa-01a.corp.local

Q4:VSPHERE MONITORING:-

Virtualization 101 (HOL-2210-01) x UMS - Home x +

labs.hol.vmware.com/HOL/console/lab/HOL-2210-01-SDC-HOL/NEE-453697_44794_68/vm-61026128

Plugins vCenter Server Life-cycle Manager:1.0.0.0, VMware vSAN H5 Client Plugin:7.0.0.10100, VMware vTools Client Plugin:7.0.0.10100 have been successfully deploy...

vm vSphere Client

esx-02a.corp.local

Summary Monitor Configure Permissions VMs Datastores Networks Updates

Issues and Alarms

Performance Overview

Real-time 03/01/2023, 1:33:16 AM - 03/01/2023, 2:32:16 AM View: Virtual Machines

CPU Usage (Top 10)

Memory Usage (Top 10)

Recent Tasks

Task Name	Target	Status	Details	Initiator	Queued For	Start Time	Completion Time	Server
Relocate virtual machine	TinyLinux2	Completed		CORPAdministrator	11 ms	03/01/2023, 2:30:44 AM	03/01/2023, 2:30:44 AM	vcsa-01a.corp.local

Virtualization 101 (HOL-2210-01) x UMS - Home x +

labs.hol.vmware.com/HOL/console/lab/HOL-2210-01-SDC-HOL/NEE-453697_44794_68/vm-61026128

SEND TEXT CTRL+ALT+DEL NOTES POWER DOWN POWER RESET 01:40:10 EXTEND END

CONSOLES

MANUAL

vSphere - esx-02a.corp.local - A: x +

vcasa-01a.corp.local/ui/app/hostname=h/... monitor/perf-advanced

Plugins vCenter Server Life-cycle Manager:1.0.0.0, VMware vSAN HS Client Plugin:7.0.0.10100, VMware vRops Client Plugin:7.0.0.10100 have been successfully deploy... REFRESH BROWSER

vm vSphere Client Menu Search in all environments Administrator@CORP.LOCAL

esx-02a.corp.local ACTIONS

Summary Monitor Configure Permissions VMs Datastores Networks Updates

Issues and Alarms

All Issues

Triggered Alarms

Performance

Overview

Advanced

Tasks and Events

Tasks

Events

Hardware Health

Advanced Performance

CPU, 03/01/2023, 1:46:20 AM - 03/01/2023, 2:35:40 ... Real-time Chart Options View: Custom

200

150

100

50

0

3/1/2023, 1:50:00 AM 3/1/2023, 1:55:00 AM 3/1/2023, 2:00:00 AM 3/1/2023, 2:05:00 AM 3/1/2023, 2:10:00 AM 3/1/2023, 2:15:00 AM 3/1/2023, 2:20:00 AM 3/1/2023, 2:25:00 AM 3/1/2023, 2:30:00 AM

Recent Tasks

Alarms

Task Name Target Status Details Initiator Queued For Start Time Completion Time Server

Power On virtual machine tinylinux2 clone Completed System 11 ms 03/01/2023, 2:34:34 AM 03/01/2023, 2:34:35 AM vcsa-01a.corp.local

All

esx-02a.corp.local

ENG 2:35 AM

Virtualization 101 (HOL-2210-01) x UMS - Home x +

labs.hol.vmware.com/HOL/console/lab/HOL-2210-01-SDC-HOL/NEE-453697_44794_68/vm-61026128

SEND TEXT CTRL+ALT+DEL NOTES POWER DOWN POWER RESET 01:40:03 EXTEND END

CONSOLES

MANUAL

vSphere - esx-02a.corp.local - A: x +

vcasa-01a.corp.local/ui/app/hostname=h/... monitor/perf-advanced

Plugins vCenter Server Life-cycle Manager:1.0.0.0, VMware vSAN HS Client Plugin:7.0.0.10100, VMware vRops Client Plugin:7.0.0.10100 have been successfully deploy... REFRESH BROWSER

vm vSphere Client Menu Search in all environments Administrator@CORP.LOCAL

esx-02a.corp.local ACTIONS

Summary Monitor Configure Permissions VMs Datastores Networks Updates

Issues and Alarms

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Triggered Alarms

Performance

Overview

Advanced

Tasks and Events

Tasks

Events

Hardware Health

Performance Chart Legend

Key	Object	Meas...	Rollup	Units	Latest	Max...	Min...	Average
esx-02a.corp.local	Usage	Average	%	12.35	63.8	-0.01	10.229	
tinylinux2 clone	Usage	Average	%	0.4	17.28	-0.01	0.146	
Window...	Usage	Average	%	17.12	100	-0.01	12.247	

Recent Tasks

Alarms

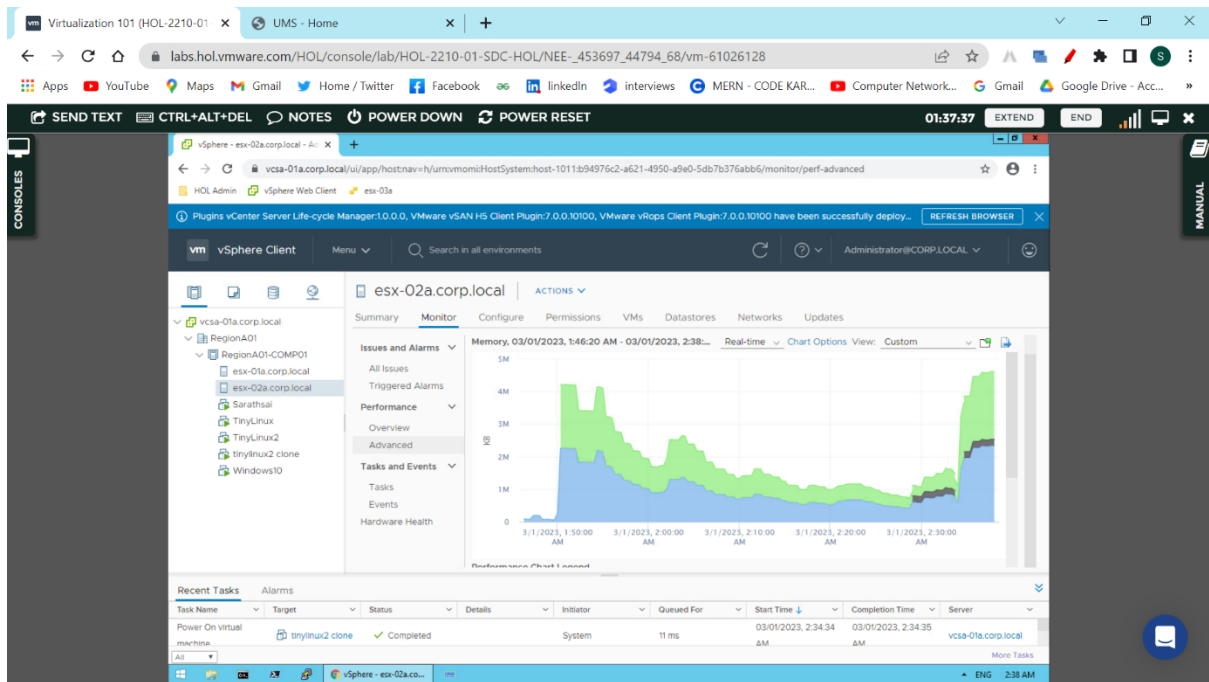
Task Name Target Status Details Initiator Queued For Start Time Completion Time Server

Power On virtual machine tinylinux2 clone Completed System 11 ms 03/01/2023, 2:34:34 AM 03/01/2023, 2:34:35 AM vcsa-01a.corp.local

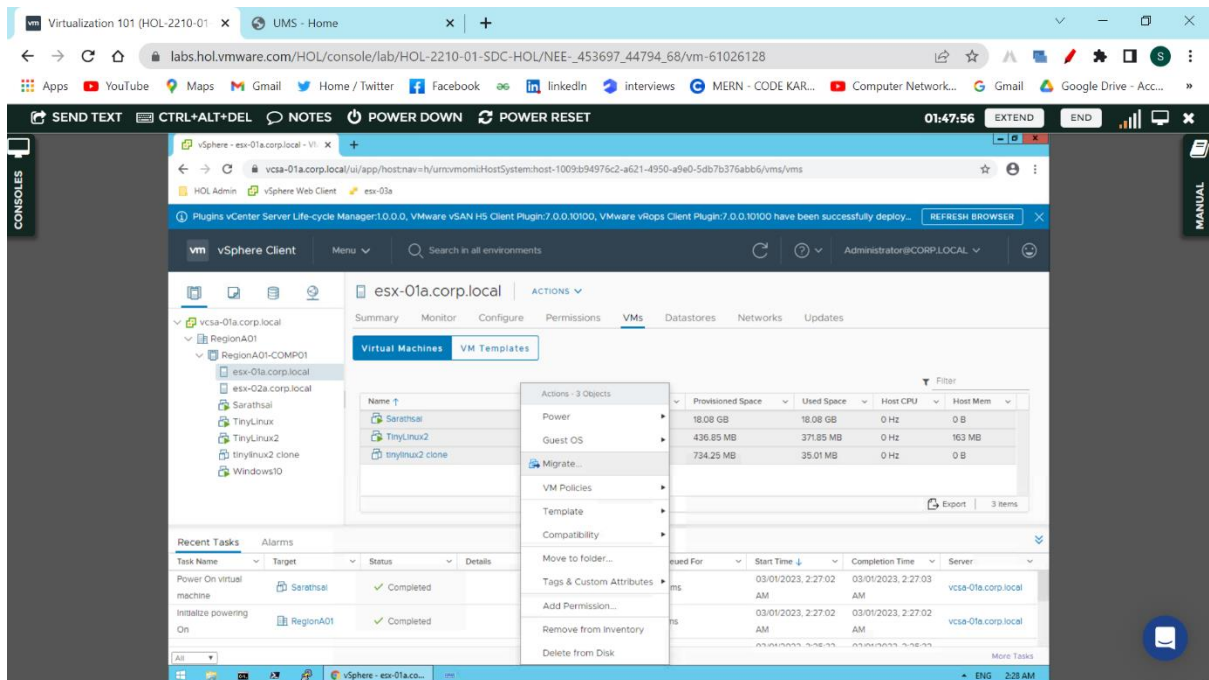
All

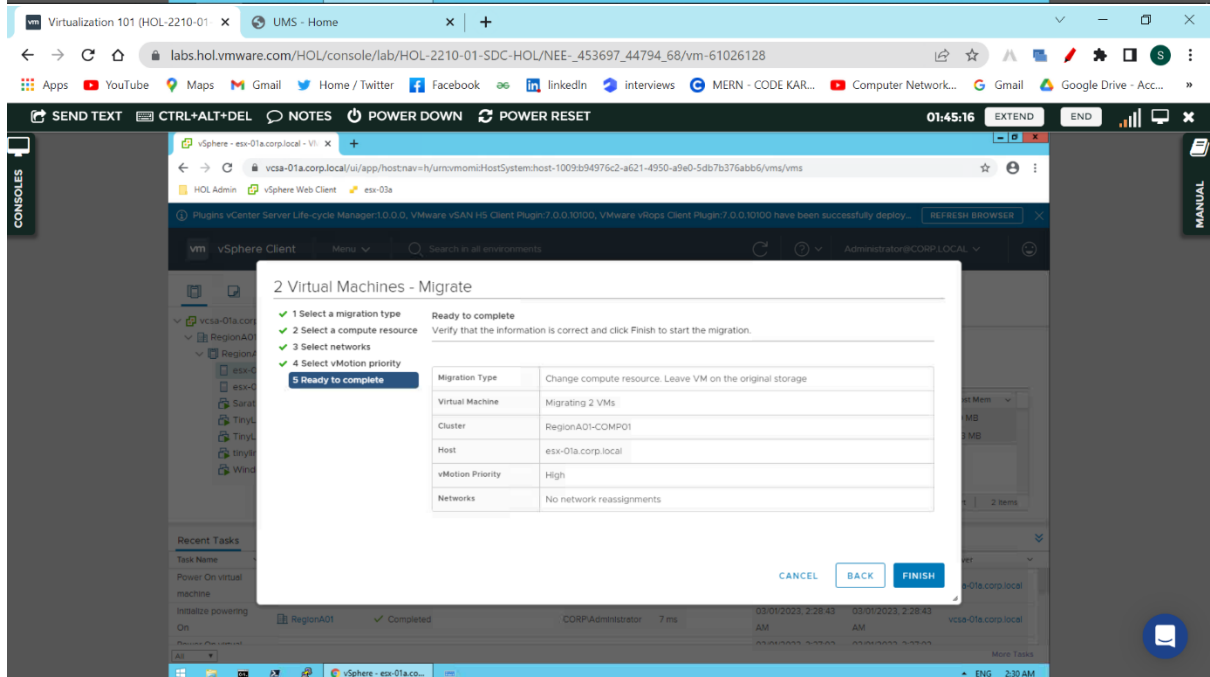
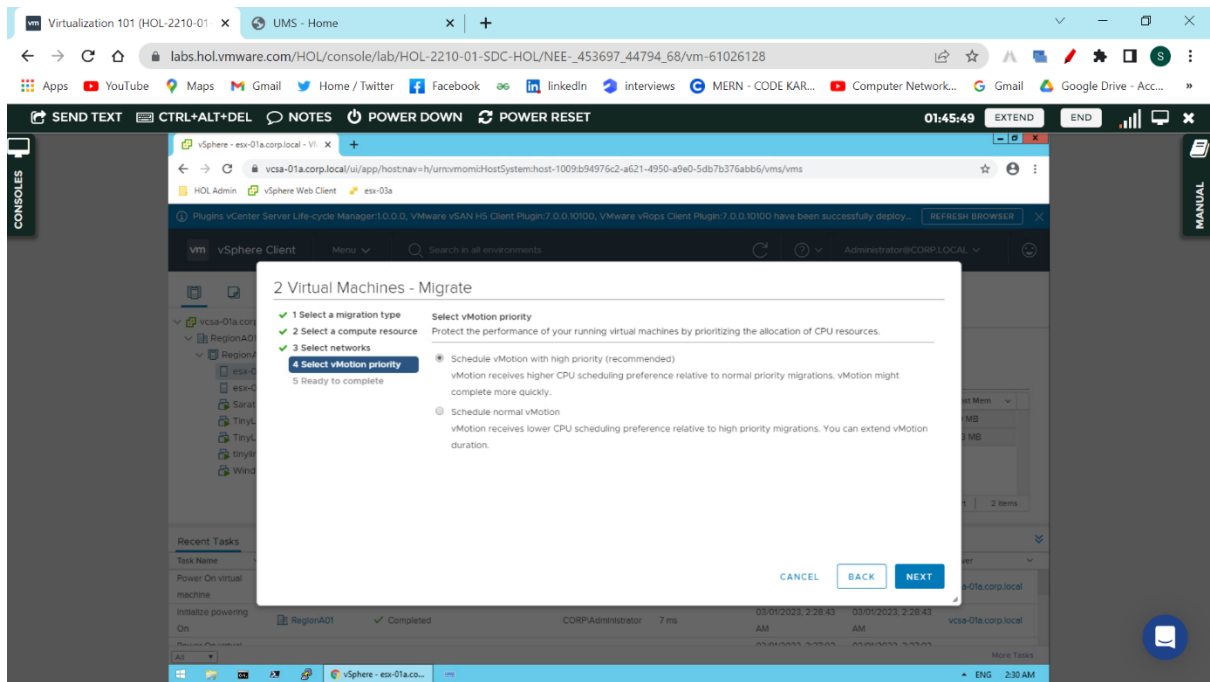
esx-02a.corp.local

ENG 2:35 AM



Q5:-MIGRATING INTO VM:





Virtualization 101 (HOL-2210-01) x UMS - Home x +

labs.hol.vmware.com/HOL/console/lab/HOL-2210-01-SDC-HOL/NEE-453697_44794_68/vm-61026128

Apps YouTube Maps Gmail Home / Twitter Facebook LinkedIn interviews MERN - CODE KAR... Computer Network... Gmail Google Drive - Acc...

SEND TEXT CTRL+ALT+DEL NOTES POWER DOWN POWER RESET 01:44:45 EXTEND END

CONSOLES MANUAL

vSphere - esx-01a.corp.local - VM x +

vcasa-01a.corp.local/ui/app/hostnav=h/urnxvmonichostSystemhost-1009b94976c2-a621-4950-a9e0-5db7b376abb6/vms/vms

HOL Admin vSphere Web Client esx-03a

Plugins vCenter Server Life-cycle Manager:1.0.0.0, VMware vSAN H5 Client Plugin:7.0.0.10100, VMware vTools Client Plugin:7.0.0.10100 have been successfully deploy... REFRESH BROWSER

vm vSphere Client Menu Search in all environments Administrator@CORP.LOCAL

esx-01a.corp.local ACTIONS

Summary Monitor Configure Permissions VMs Datastores Networks Updates

Virtual Machines VM Templates

Name	State	Status	Provisioned Space	Used Space	Host CPU	Host Mem
Sarathsal	Powered On	Normal	18.08 GB	18.08 GB	0 Hz	29 MB
TinyLinux2	Powered On	Normal	436.85 MB	371.85 MB	0 Hz	163 MB

Export 2 items

Recent Tasks Alarms

Task Name	Target	Status	Details	Initiator	Queued For	Start Time	Completion Time	Server
Relocate virtual machine	TinyLinux2	Completed		CORPAdministrator	11 ms	03/01/2023, 2:30:44 AM	03/01/2023, 2:30:44 AM	vcasa-01a.corp.local
Relocate virtual machine	Sarathsal	Completed		CORPAdministrator	7 ms	03/01/2023, 2:30:44 AM	03/01/2023, 2:30:44 AM	vcasa-01a.corp.local
Power On virtual machine	tinylinux2 clone	Completed		System	11 ms	03/01/2023, 2:28:43 AM	03/01/2023, 2:28:44 AM	vcasa-01a.corp.local

More Tasks

ENG 231 AM