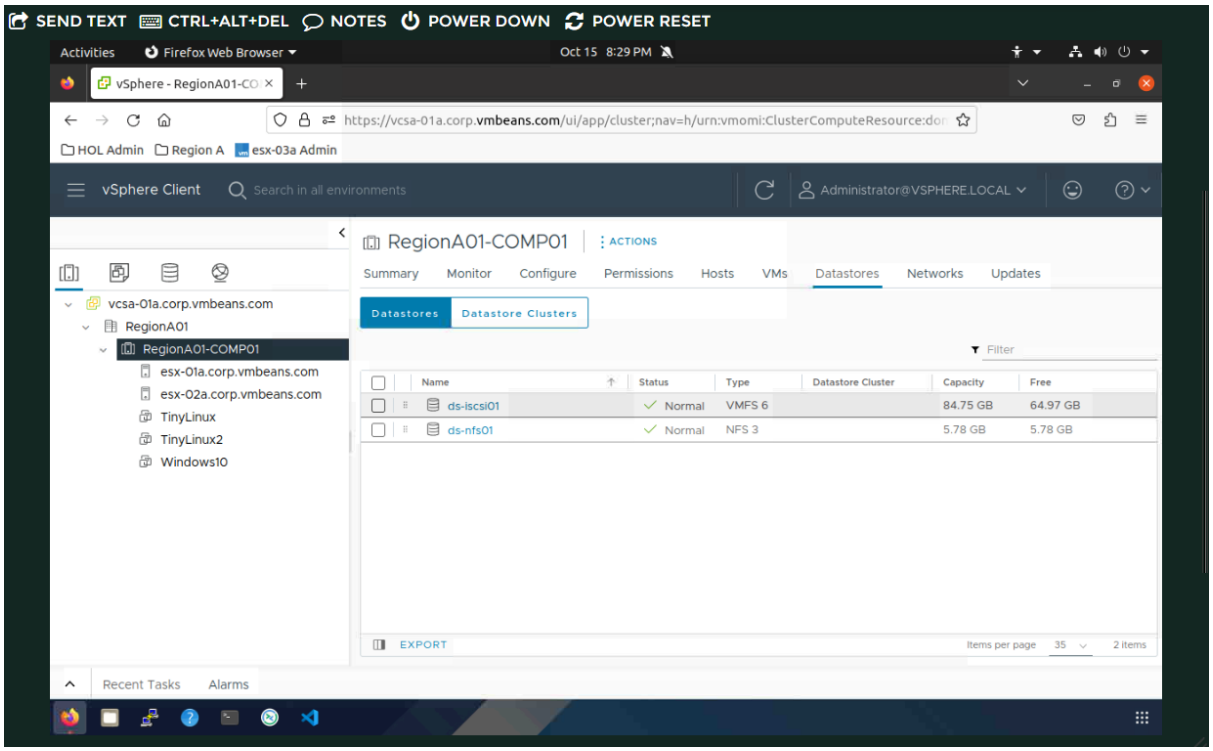
Name – Vicky Singh

Roll no.-50

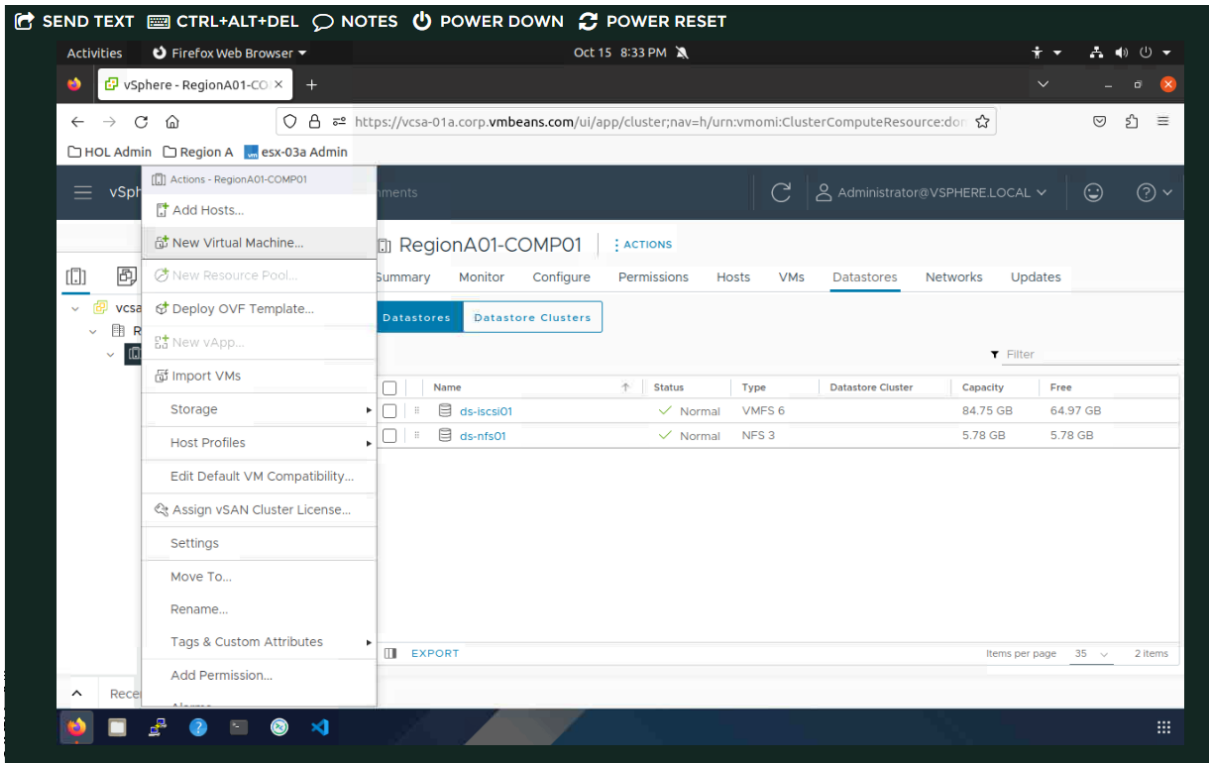
Section -k21BH

Create a new virtual machine –

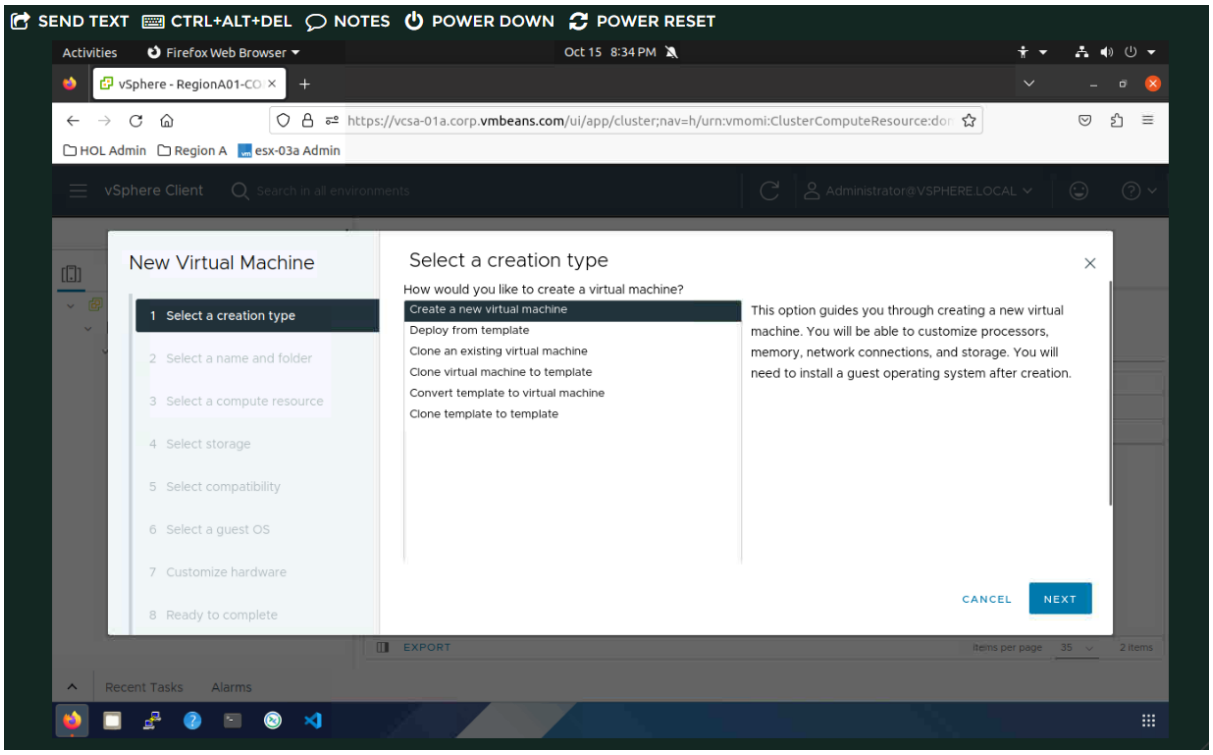
Step 1-



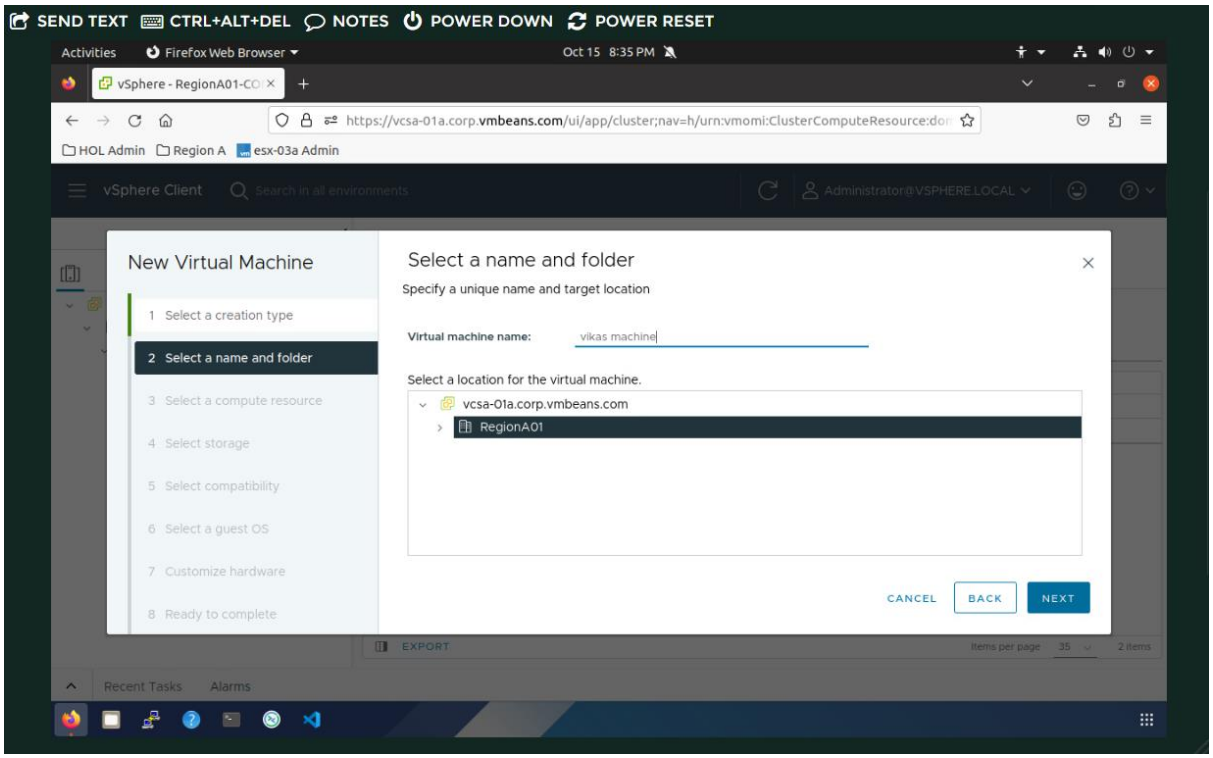
Step 2-


SEND TEXT
CTRL+ALT+DEL
NOTES
POWER DOWN
POWER RESET
Activities
Firefox Web Browser
Oct 15 8:33 PM
vSphere - RegionA01-CO
https://vcsa-01a.corp.vmbeans.com/ui/app/cluster;nav=h/urn:vmomi:ClusterComputeResource:do
HOL Admin
Region A
esx-03a Admin
Actions - RegionA01-COMP01
Add Hosts...
New Virtual Machine...
New Resource Pool...
Deploy OVF Template...
New vApp...
Import VMs
Storage
Host Profiles
Edit Default VM Compatibility...
Assign vSAN Cluster License...
Settings
Move To...
Rename...
Tags & Custom Attributes
Add Permission...
Administrator@VSPHERE.LOCAL
RegionA01-COMP01
ACTIONS
Summary
Monitor
Configure
Permissions
Hosts
VMs
Datastores
Networks
Updates
Datastores
Datastore Clusters
Filter
Name
Status
Type
Datastore Cluster
Capacity
Free
ds-iscsi01
Normal
VMFS 6
84.75 GB
64.97 GB
ds-nfs01
Normal
NFS 3
5.78 GB
5.78 GB
EXPORT
Items per page
35
2 items

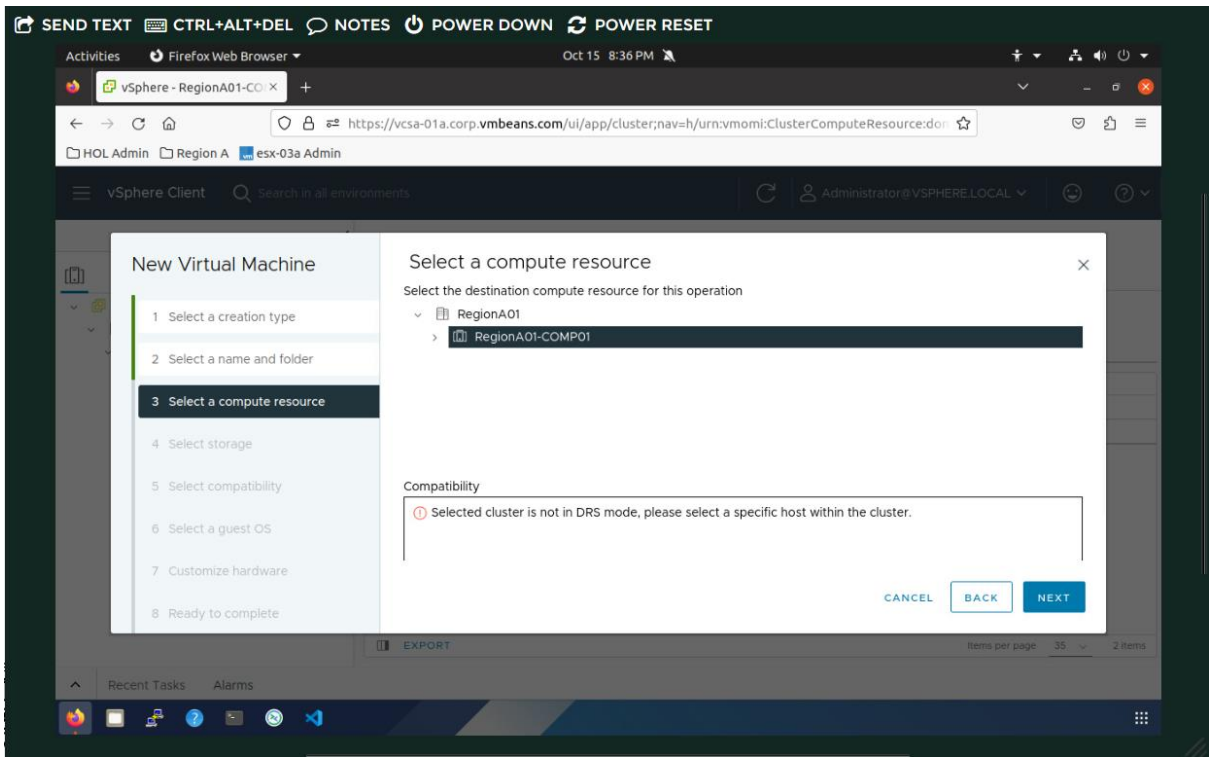
Step 3-


SEND TEXT
CTRL+ALT+DEL
NOTES
POWER DOWN
POWER RESET
Activities
Firefox Web Browser
Oct 15 8:34 PM
vSphere - RegionA01-CO
https://vcsa-01a.corp.vmbeans.com/ui/app/cluster;nav=h/urn:vmomi:ClusterComputeResource:do
HOL Admin
Region A
esx-03a Admin
vSphere Client
Search in all environments
Administrator@VSPHERE.LOCAL
New Virtual Machine
1 Select a creation type
2 Select a name and folder
3 Select a compute resource
4 Select storage
5 Select compatibility
6 Select a guest OS
7 Customize hardware
8 Ready to complete
Select a creation type
How would you like to create a virtual machine?
Create a new virtual machine
Deploy from template
Clone an existing virtual machine
Clone virtual machine to template
Convert template to virtual machine
Clone template to template
This option guides you through creating a new virtual machine. You will be able to customize processors, memory, network connections, and storage. You will need to install a guest operating system after creation.
CANCEL
NEXT
EXPORT
Items per page
35
2 items
Recent Tasks
Alarms

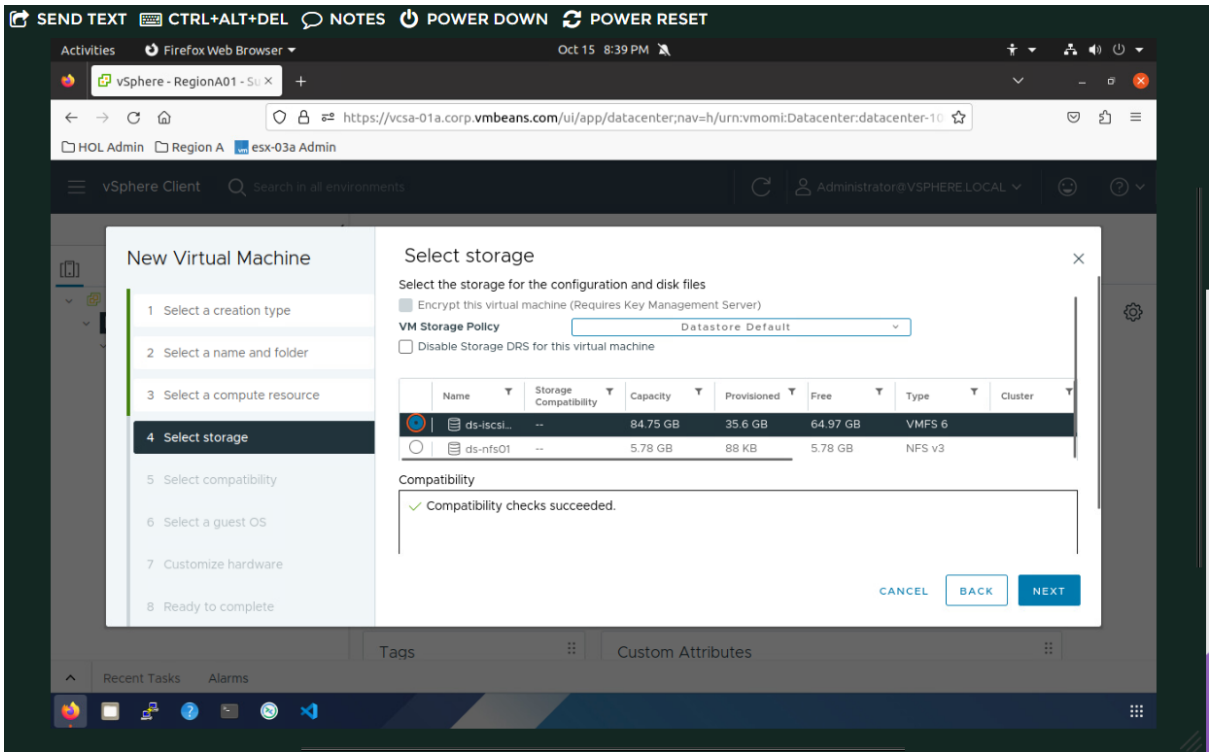
Step 4-


SEND TEXT
CTRL+ALT+DEL
NOTES
POWER DOWN
POWER RESET
Activities
Firefox Web Browser
Oct 15 8:35 PM
vSphere - RegionA01-CO
https://vcsa-01a.corp.vmbeans.com/ui/app/cluster;nav=h/urn:vmomi:ClusterComputeResource:do
HOL Admin
Region A
esx-03a Admin
vSphere Client
Administrator@VSPHERE.LOCAL
New Virtual Machine
1 Select a creation type
2 Select a name and folder
3 Select a compute resource
4 Select storage
5 Select compatibility
6 Select a guest OS
7 Customize hardware
8 Ready to complete
Select a name and folder
Specify a unique name and target location
Virtual machine name:
vikas machine
Select a location for the virtual machine.
vcsa-01a.corp.vmbeans.com
RegionA01
CANCEL
BACK
NEXT
EXPORT
Items per page
35
2 items
Recent Tasks
Alarms

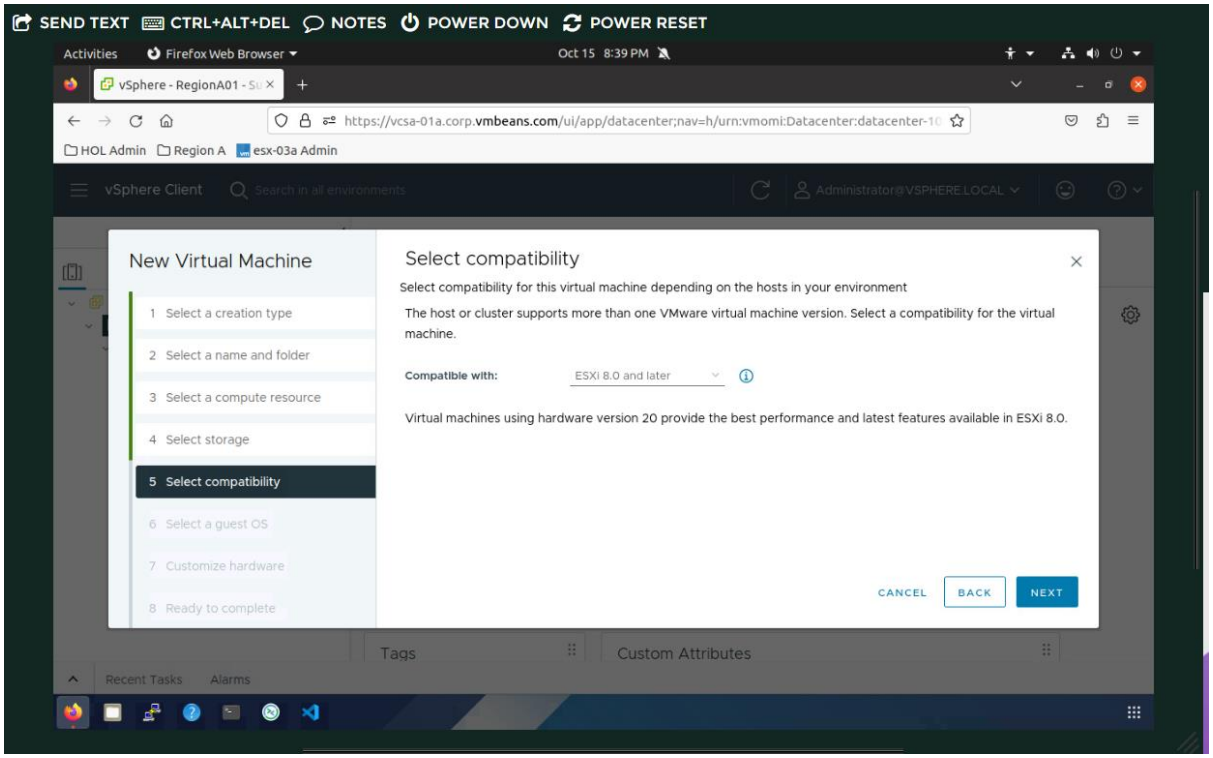
Step 5-


SEND TEXT
CTRL+ALT+DEL
NOTES
POWER DOWN
POWER RESET
Activities
Firefox Web Browser
Oct 15 8:36 PM
vSphere - RegionA01-CO
https://vcsa-01a.corp.vmbeans.com/ui/app/cluster;nav=h/urn:vmomi:ClusterComputeResource:do
HOL Admin
Region A
esx-03a Admin
vSphere Client
Administrator@VSPHERE.LOCAL
New Virtual Machine
1 Select a creation type
2 Select a name and folder
3 Select a compute resource
4 Select storage
5 Select compatibility
6 Select a guest OS
7 Customize hardware
8 Ready to complete
Select a compute resource
Select the destination compute resource for this operation
RegionA01
RegionA01-COMP01
Compatibility
Selected cluster is not in DRS mode, please select a specific host within the cluster.
CANCEL
BACK
NEXT
EXPORT
Items per page
35
2 items
Recent Tasks
Alarms

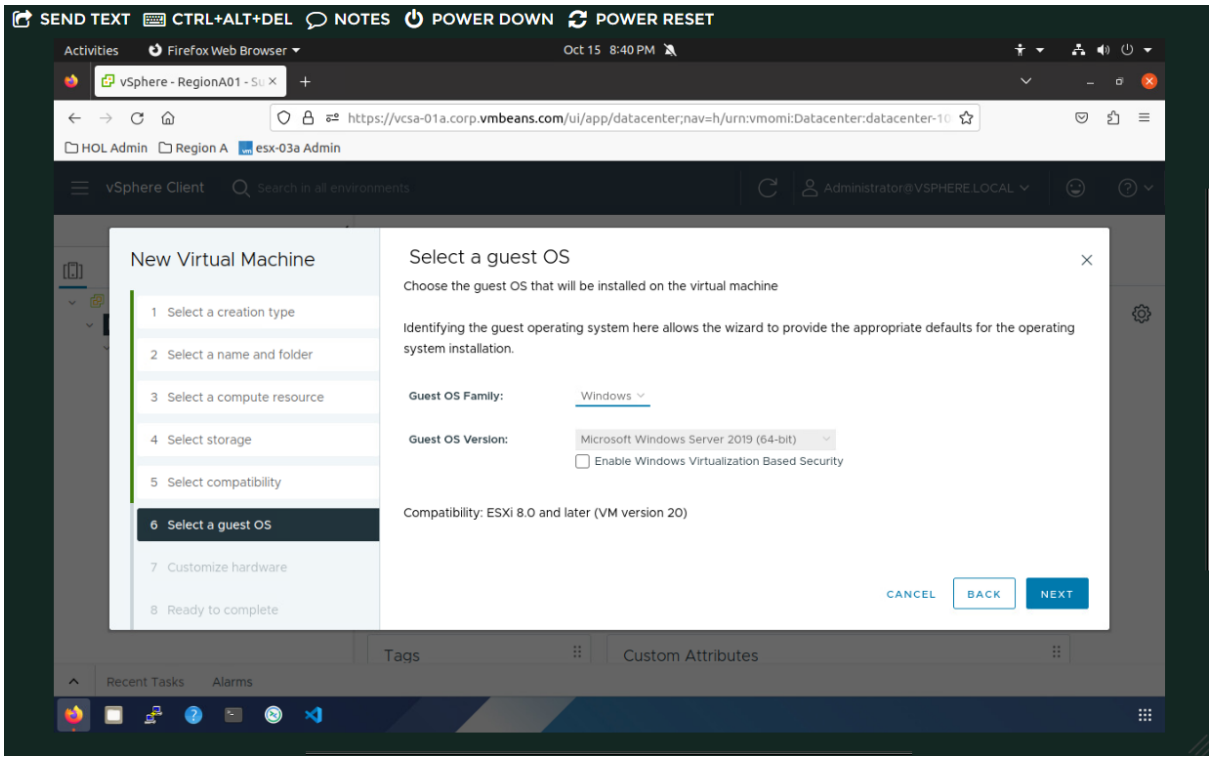
Step 5-


SEND TEXT
CTRL+ALT+DEL
NOTES
POWER DOWN
POWER RESET
Activities
Firefox Web Browser
Oct 15 8:39 PM
vSphere - RegionA01 - Su
https://vcsa-01a.corp.vmbeans.com/ui/app/datacenter;nav=h/urn:vmomi:Datacenter:datacenter-10
HOL Admin
Region A
esx-03a Admin
vSphere Client
Search in all environments
Administrator@VSPHERE.LOCAL
New Virtual Machine
1 Select a creation type
2 Select a name and folder
3 Select a compute resource
4 Select storage
5 Select compatibility
6 Select a guest OS
7 Customize hardware
8 Ready to complete
Select storage
Select the storage for the configuration and disk files
Encrypt this virtual machine (Requires Key Management Server)
VM Storage Policy
Datastore Default
Disable Storage DRS for this virtual machine
Name
Storage Compatibility
Capacity
Provisioned
Free
Type
Cluster
ds-iscsi...
84.75 GB
35.6 GB
64.97 GB
VMFS 6
ds-nfs01
5.78 GB
88 KB
5.78 GB
NFS v3
Compatibility
Compatibility checks succeeded.
CANCEL
BACK
NEXT
Tags
Custom Attributes
Recent Tasks
Alarms

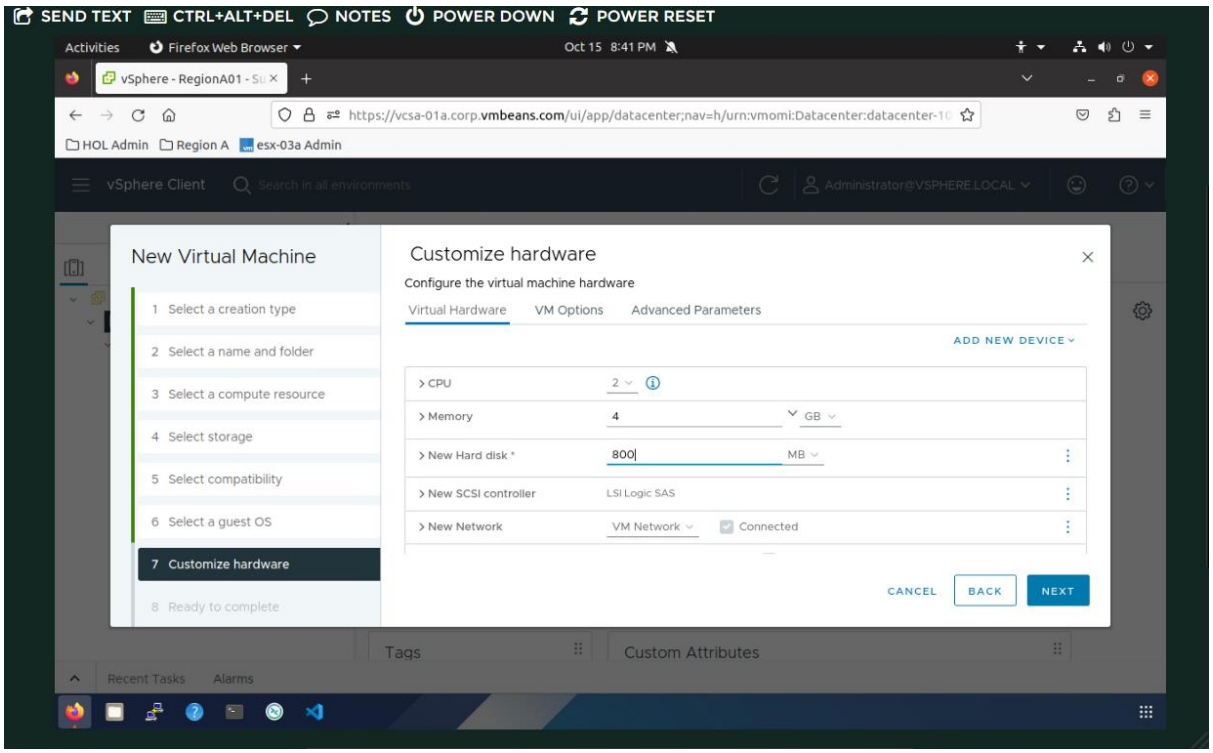
Step 6-


SEND TEXT
CTRL+ALT+DEL
NOTES
POWER DOWN
POWER RESET
Activities
Firefox Web Browser
Oct 15 8:39 PM
vSphere - RegionA01 - Su
https://vcsa-01a.corp.vmbeans.com/ui/app/datacenter;nav=h/urn:vmomi:Datacenter:datacenter-10
HOL Admin
Region A
esx-03a Admin
vSphere Client
Search in all environments
Administrator@VSPHERE.LOCAL
New Virtual Machine
1 Select a creation type
2 Select a name and folder
3 Select a compute resource
4 Select storage
5 Select compatibility
6 Select a guest OS
7 Customize hardware
8 Ready to complete
Select compatibility
Select compatibility for this virtual machine depending on the hosts in your environment
The host or cluster supports more than one VMware virtual machine version. Select a compatibility for the virtual machine.
Compatible with:
ESXi 8.0 and later
Virtual machines using hardware version 20 provide the best performance and latest features available in ESXi 8.0.
CANCEL
BACK
NEXT
Tags
Custom Attributes
Recent Tasks
Alarms

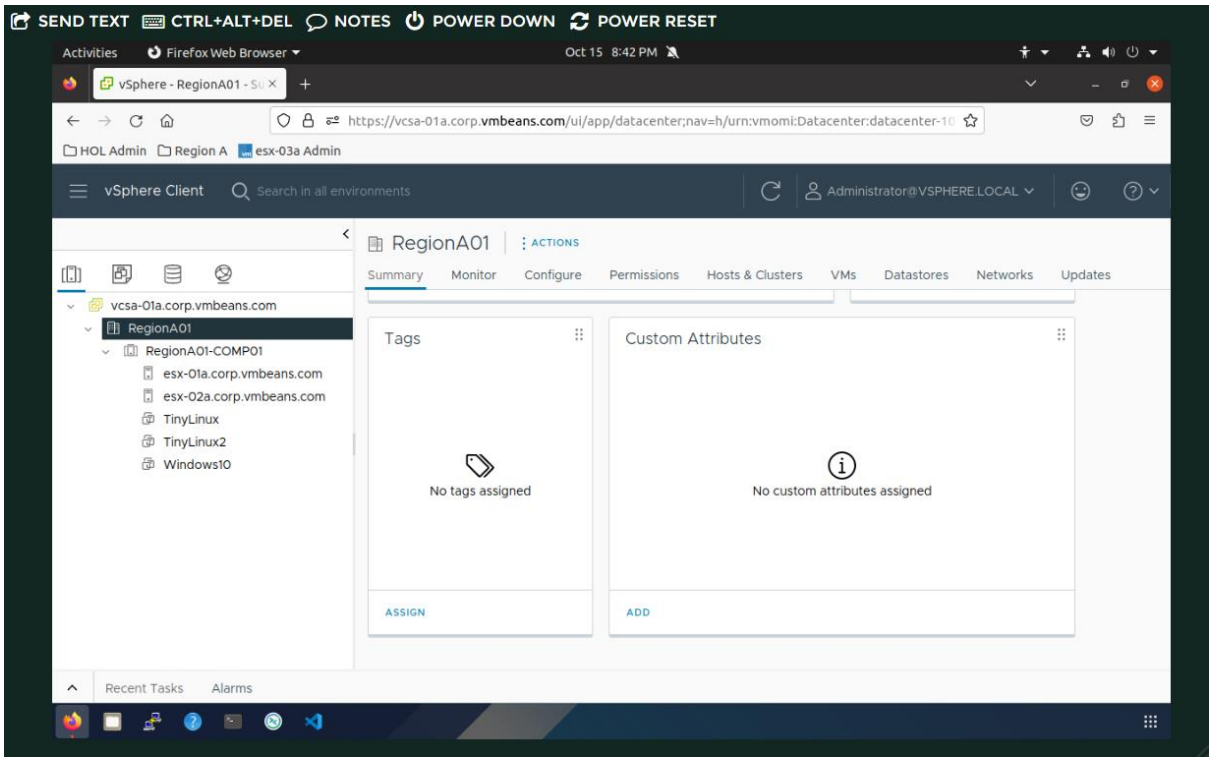
Step 7 –


SEND TEXT
CTRL+ALT+DEL
NOTES
POWER DOWN
POWER RESET
Activities
Firefox Web Browser
Oct 15 8:40 PM
vSphere - RegionA01 - Su
https://vcsa-01a.corp.vmbeans.com/ui/app/datacenter;nav=h/urn:vmomi:Datacenter:datacenter-10
HOL Admin
Region A
esx-03a Admin
vSphere Client
Search in all environments
Administrator@VSPHERE.LOCAL
New Virtual Machine
1 Select a creation type
2 Select a name and folder
3 Select a compute resource
4 Select storage
5 Select compatibility
6 Select a guest OS
7 Customize hardware
8 Ready to complete
Select a guest OS
Choose the guest OS that will be installed on the virtual machine
Identifying the guest operating system here allows the wizard to provide the appropriate defaults for the operating system installation.
Guest OS Family:
Windows
Guest OS Version:
Microsoft Windows Server 2019 (64-bit)
Enable Windows Virtualization Based Security
Compatibility: ESXi 8.0 and later (VM version 20)
CANCEL
BACK
NEXT
Tags
Custom Attributes
Recent Tasks
Alarms

Step 8-

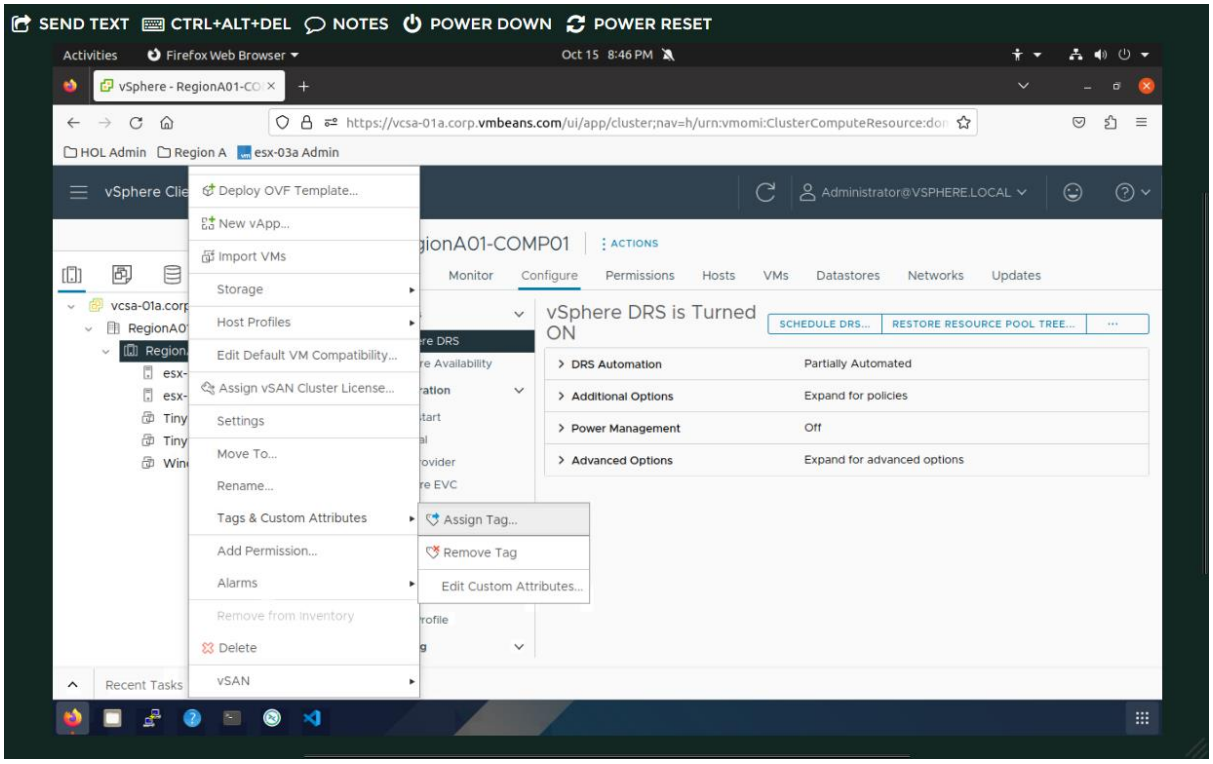

SEND TEXT
CTRL+ALT+DEL
NOTES
POWER DOWN
POWER RESET
Activities
Firefox Web Browser
Oct 15 8:41 PM
vSphere - RegionA01 - Su
https://vcsa-01a.corp.vmbeans.com/ui/app/datacenter;nav=h/urn:vmomi:Datacenter:datacenter-10
HOL Admin
Region A
esx-03a Admin
vSphere Client
Search in all environments
Administrator@VSPHERE.LOCAL
New Virtual Machine
1 Select a creation type
2 Select a name and folder
3 Select a compute resource
4 Select storage
5 Select compatibility
6 Select a guest OS
7 Customize hardware
8 Ready to complete
Customize hardware
Configure the virtual machine hardware
Virtual Hardware
VM Options
Advanced Parameters
ADD NEW DEVICE
> CPU
2
> Memory
4
GB
> New Hard disk *
800
MB
> New SCSI controller
LSI Logic SAS
> New Network
VM Network
Connected
CANCEL
BACK
NEXT
Tags
Custom Attributes
Recent Tasks
Alarms

Step 9-

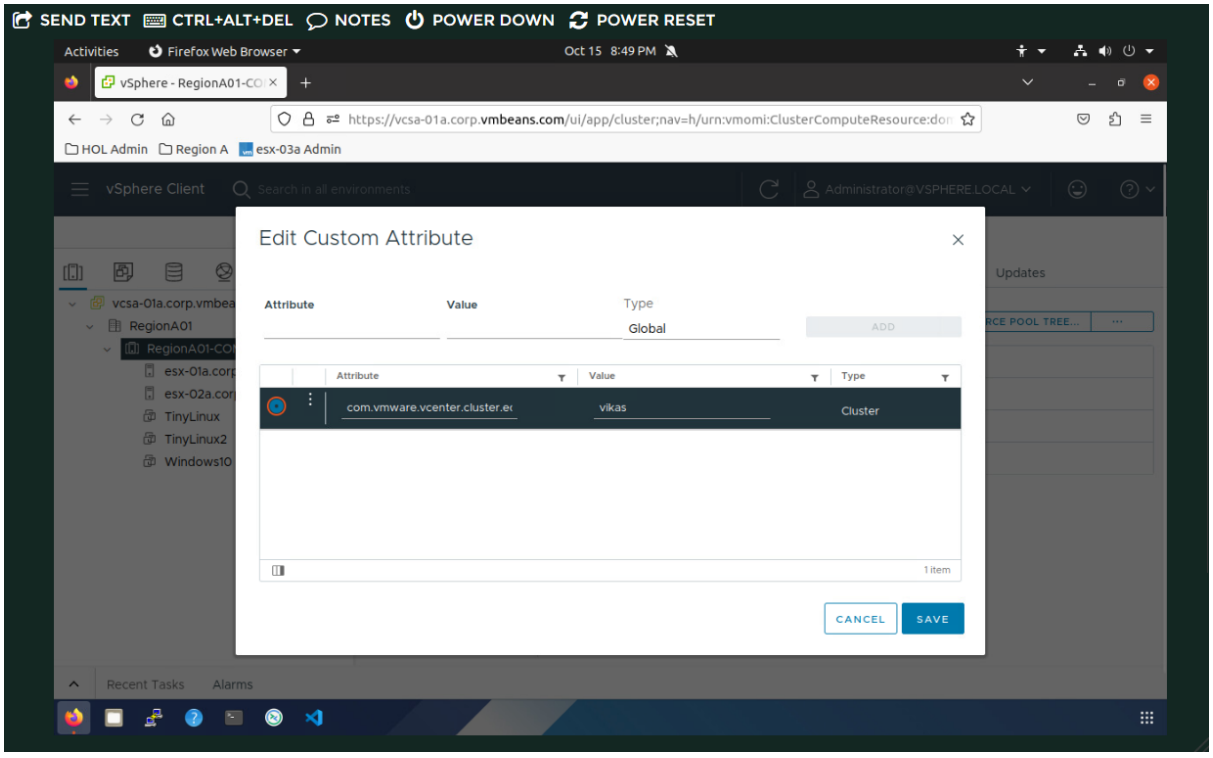

SEND TEXT
CTRL+ALT+DEL
NOTES
POWER DOWN
POWER RESET
Activities
Firefox Web Browser
Oct 15 8:42 PM
vSphere - RegionA01
https://vcsa-01a.corp.vmbeans.com/ui/app/datacenter;nav=h/urn:vmomi:Datacenter:datacenter-
HOL Admin
Region A
esx-03a Admin
vSphere Client
Search in all environments
Administrator@VSPHERE.LOCAL
RegionA01
ACTIONS
Summary
Monitor
Configure
Permissions
Hosts & Clusters
VMs
Datastores
Networks
Updates
vcsa-01a.corp.vmbeans.com
RegionA01
RegionA01-COMP01
esx-01a.corp.vmbeans.com
esx-02a.corp.vmbeans.com
TinyLinux
TinyLinux2
Windows10
Tags
No tags assigned
ASSIGN
Custom Attributes
No custom attributes assigned
ADD
Recent Tasks
Alarms

Create a tag and assign to cluster and virtual machine-

Step 1-

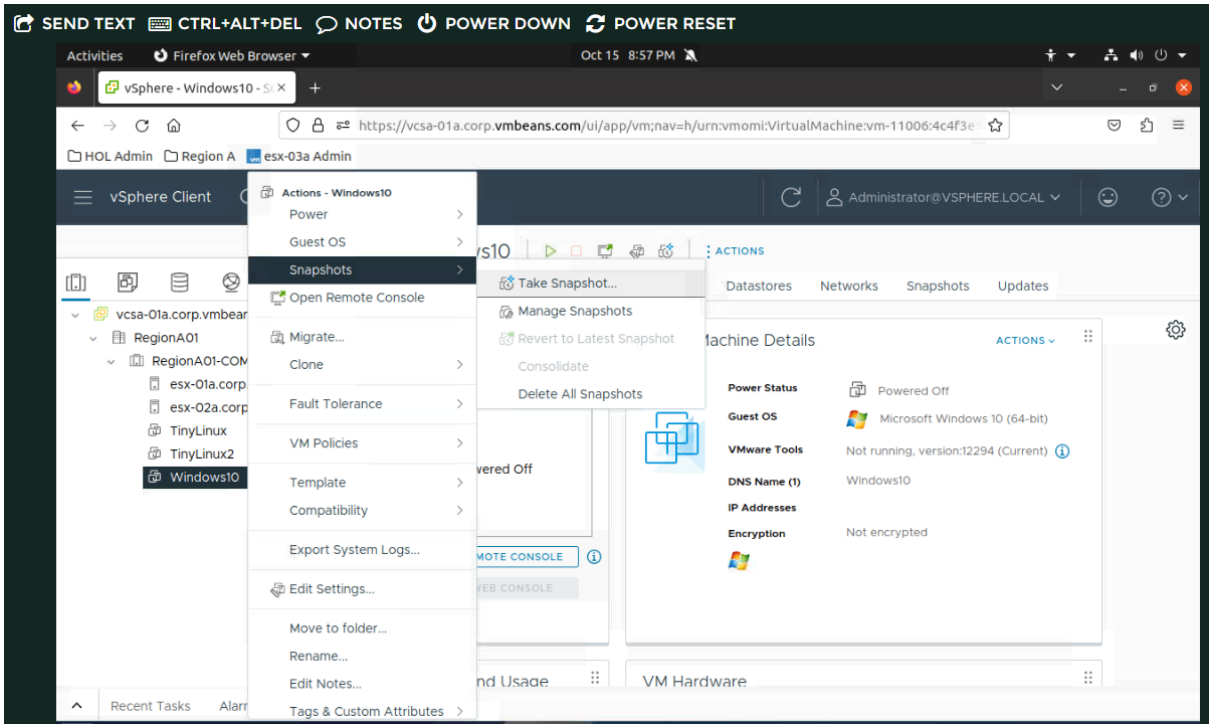


Step 2-

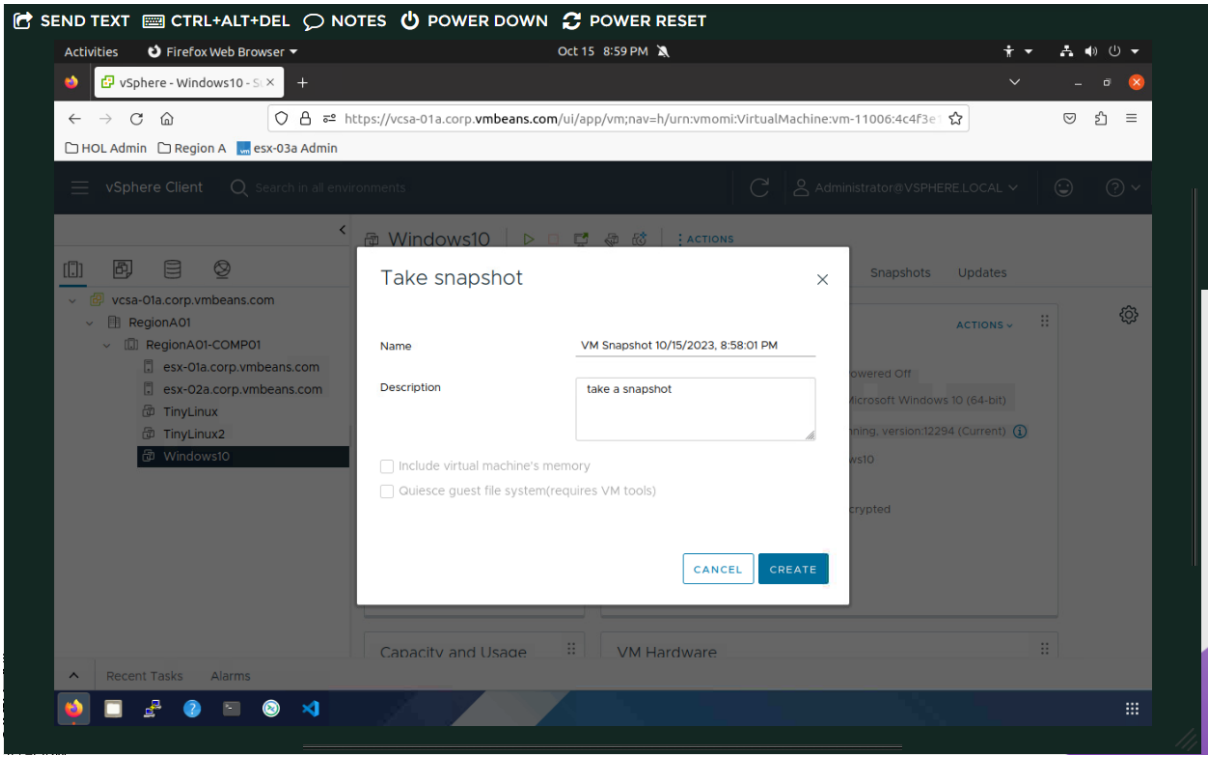


Take a snapshot-

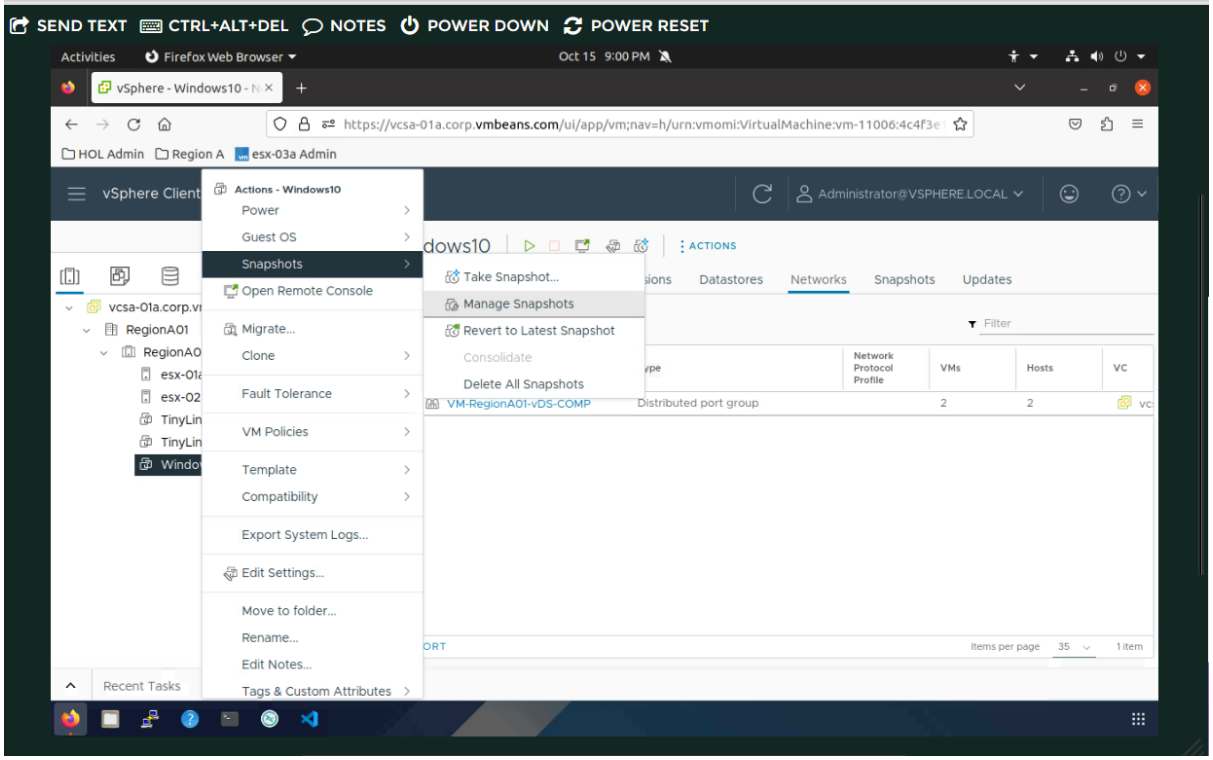
Step 1-



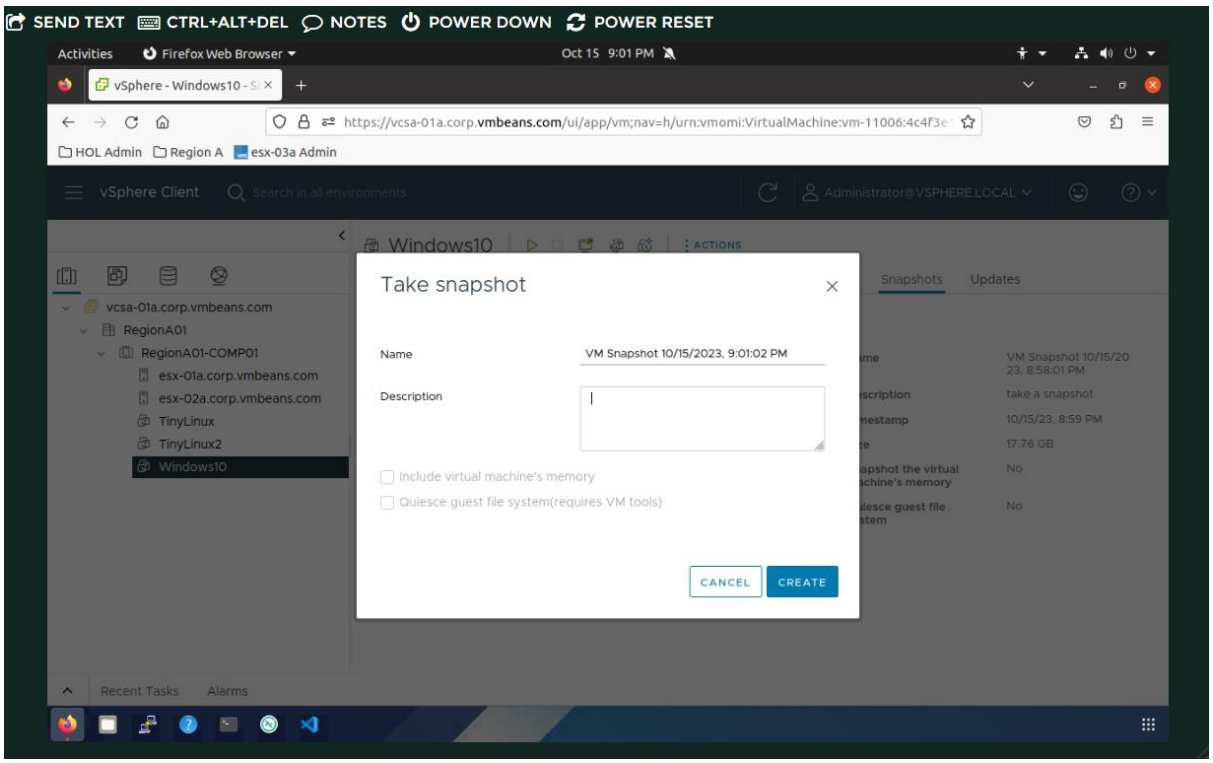
Step2-



Step 4-


SEND TEXT
CTRL+ALT+DEL
NOTES
POWER DOWN
POWER RESET
Activities
Firefox Web Browser
Oct 15 9:00 PM
vSphere - Windows10 - N
https://vcsa-01a.corp.vmbeans.com/ui/app/vm;nav=h/urn:vmomi:VirtualMachine:vm-11006:4c4f3e
HOL Admin
Region A
esx-03a Admin
vSphere Client
Actions - Windows10
Power
Guest OS
Snapshots
Open Remote Console
Migrate...
Clone
Fault Tolerance
VM Policies
Template
Compatibility
Export System Logs...
Edit Settings...
Move to folder...
Rename...
Edit Notes...
Tags & Custom Attributes
Take Snapshot...
Manage Snapshots
Revert to Latest Snapshot
Consolidate
Delete All Snapshots
ACTIONS
Datastores
Networks
Snapshots
Updates
Filter
Network Protocol Profile
VMs
Hosts
VM-RegionA01-vDS-COMP
Distributed port group
Items per page
Recent Tasks

Step 5-


SEND TEXT
CTRL+ALT+DEL
NOTES
POWER DOWN
POWER RESET
Activities
Firefox Web Browser
Oct 15 9:01 PM
vSphere - Windows10 - S
https://vcsa-01a.corp.vmbeans.com/ui/app/vm;nav=h/urn:vmomi:VirtualMachine:vm-11006:4c4f3e
HOL Admin
Region A
esx-03a Admin
vSphere Client
Search in all environments
Administrator@VSPHERE.LOCAL
Windows10
ACTIONS
Snapshots
Updates
vcsa-01a.corp.vmbeans.com
RegionA01
RegionA01-COMP01
esx-01a.corp.vmbeans.com
esx-02a.corp.vmbeans.com
TinyLinux
TinyLinux2
Windows10
Take snapshot
Name
VM Snapshot 10/15/2023, 9:01:02 PM
Description
Include virtual machine's memory
Quiesce guest file system(requires VM tools)
CANCEL
CREATE
Recent Tasks
Alarms