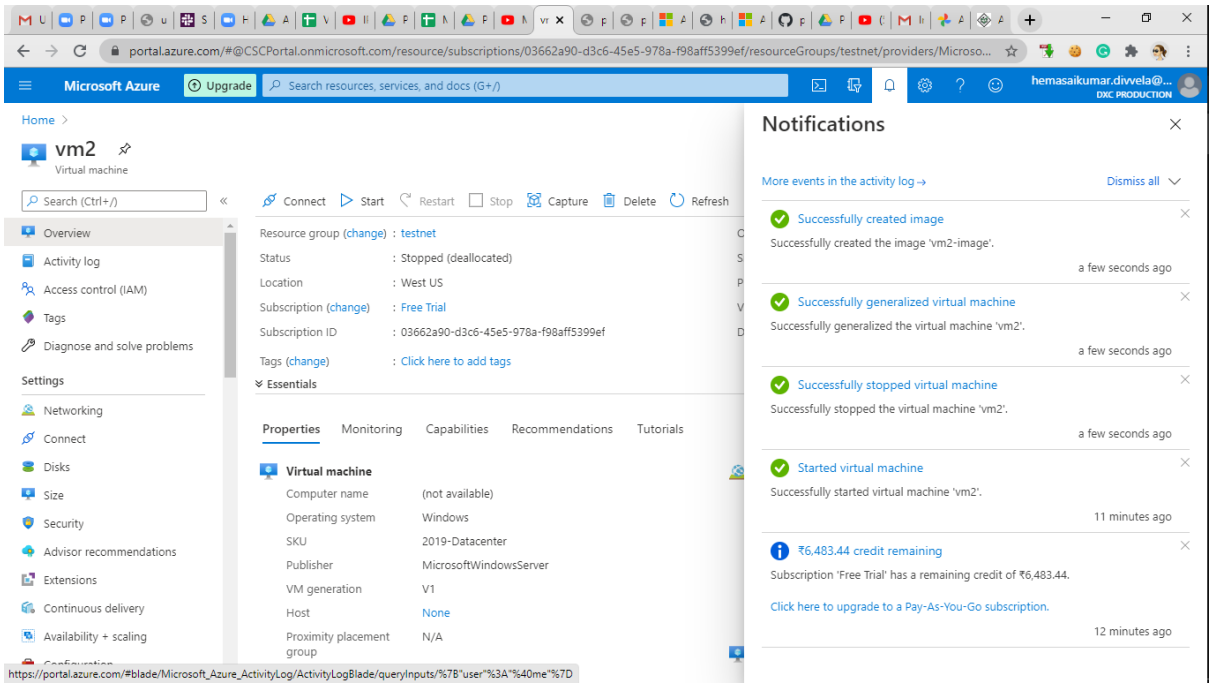
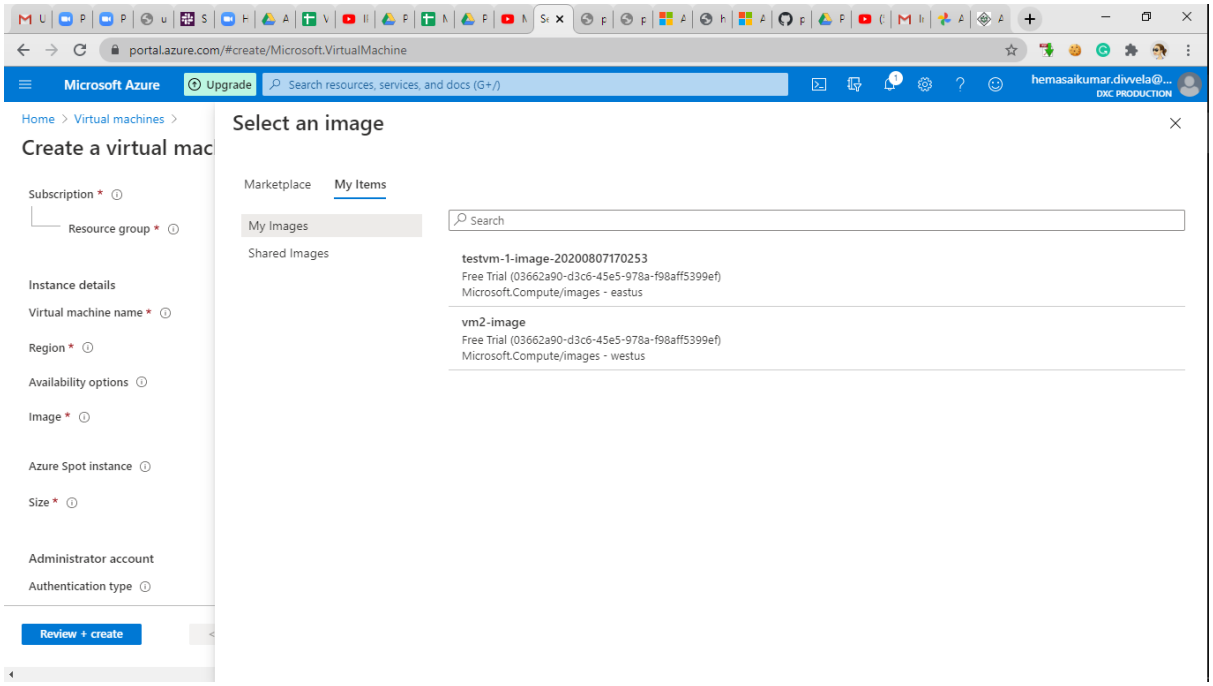
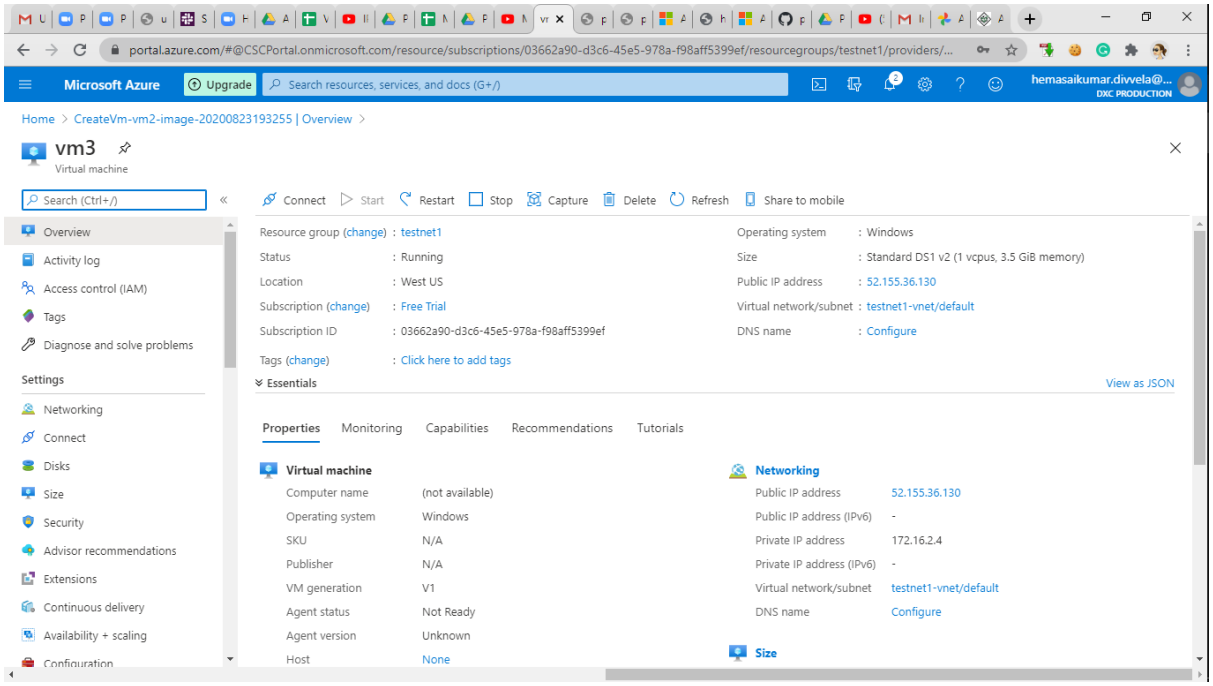
Assignment-3

1.Deploying the custom image with any application installed

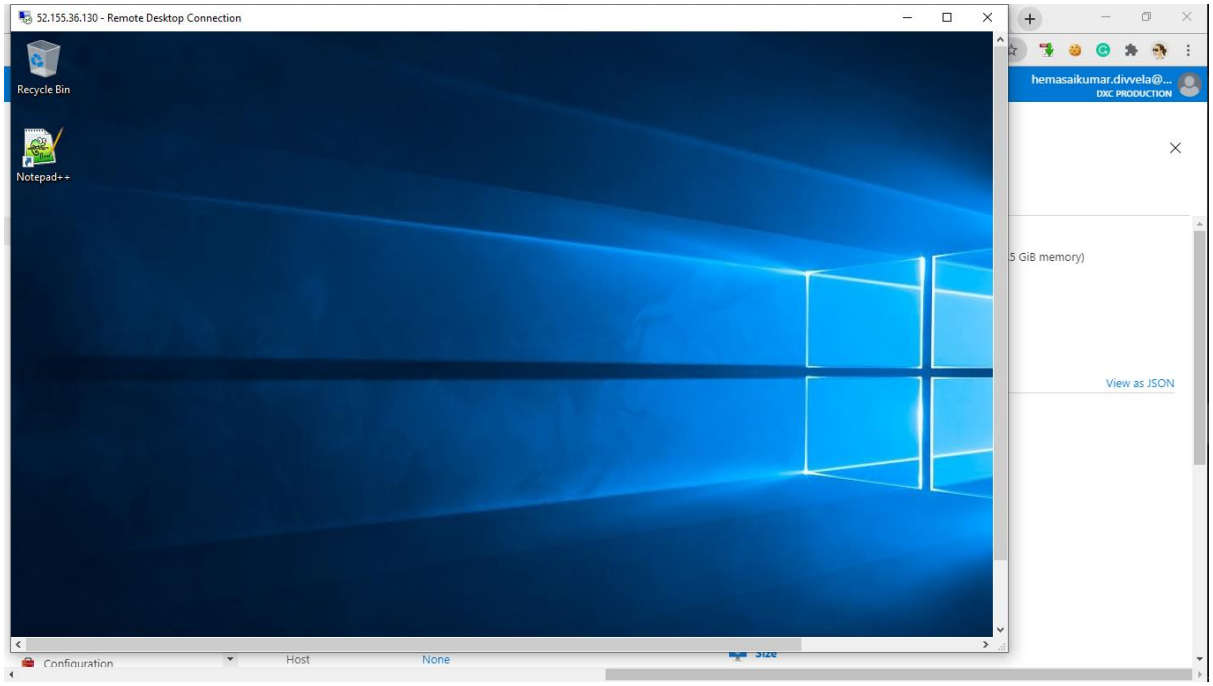


while creating the image select from my items.

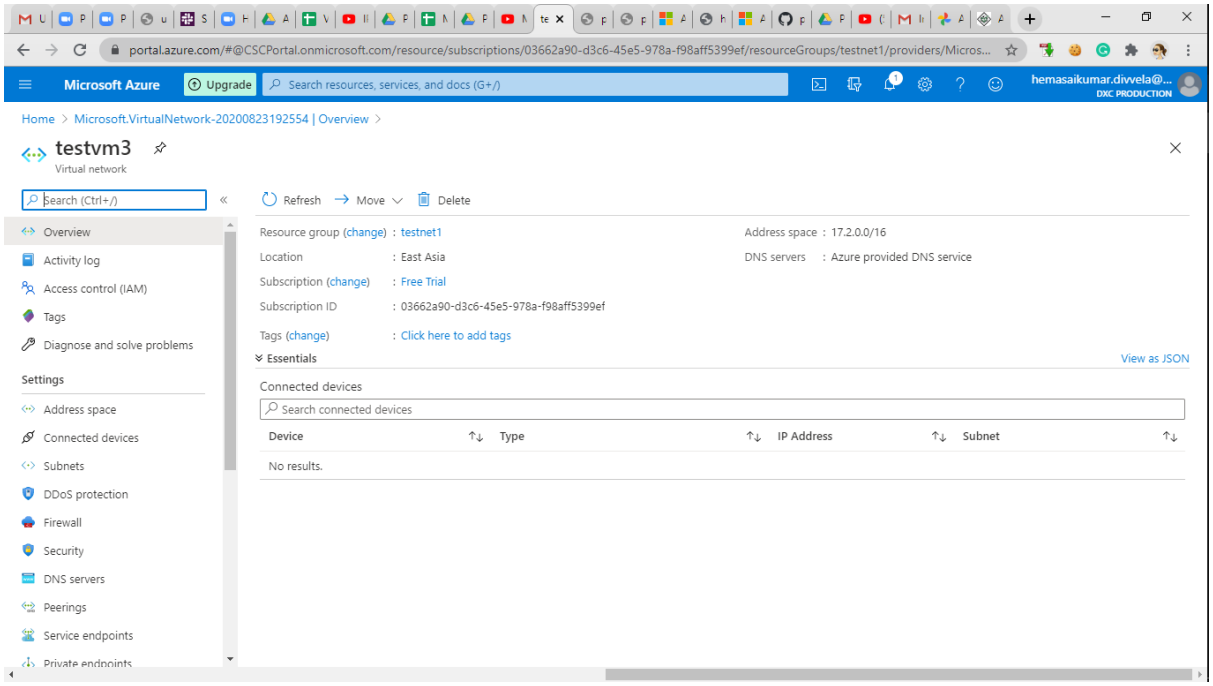


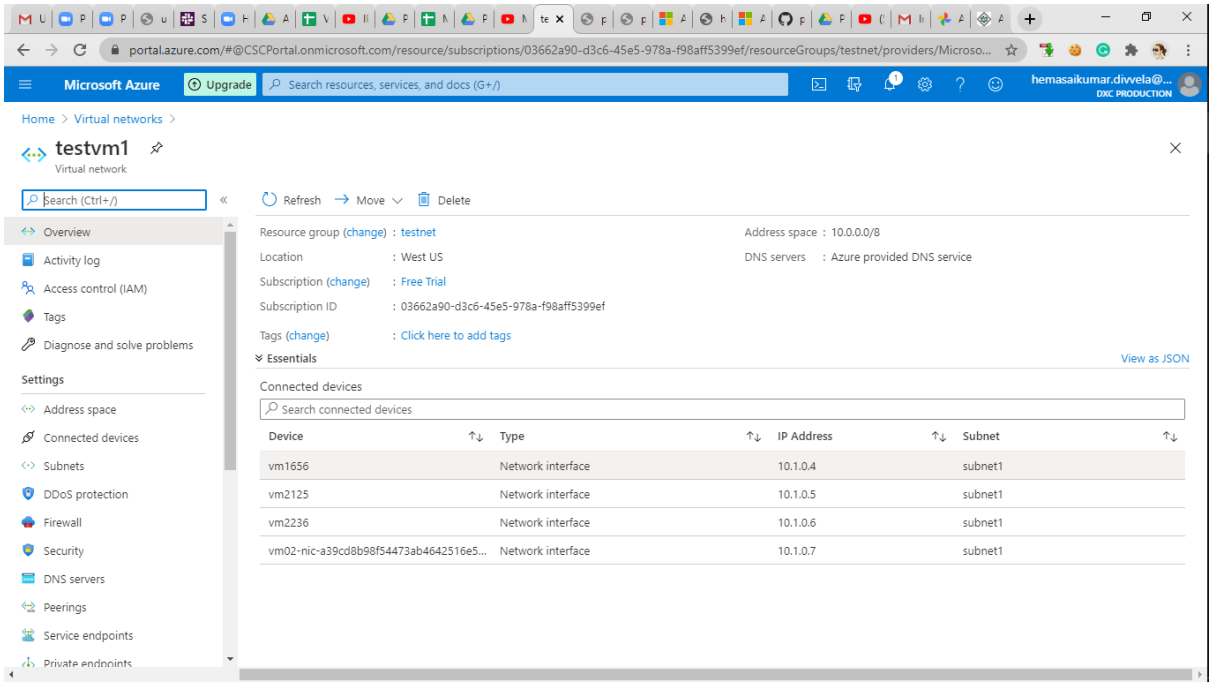


Deploying the custom image with Notepad++ Application.

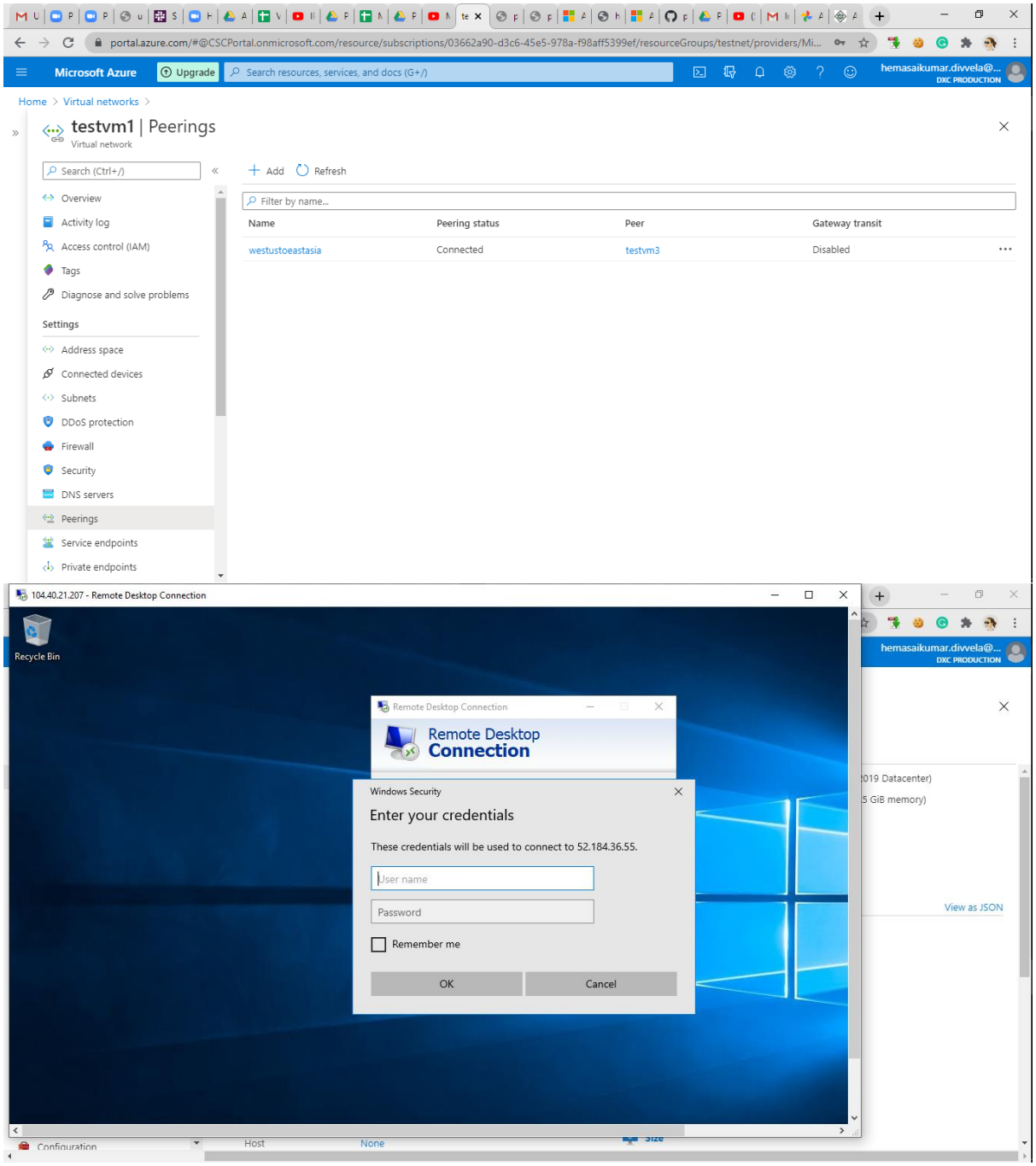


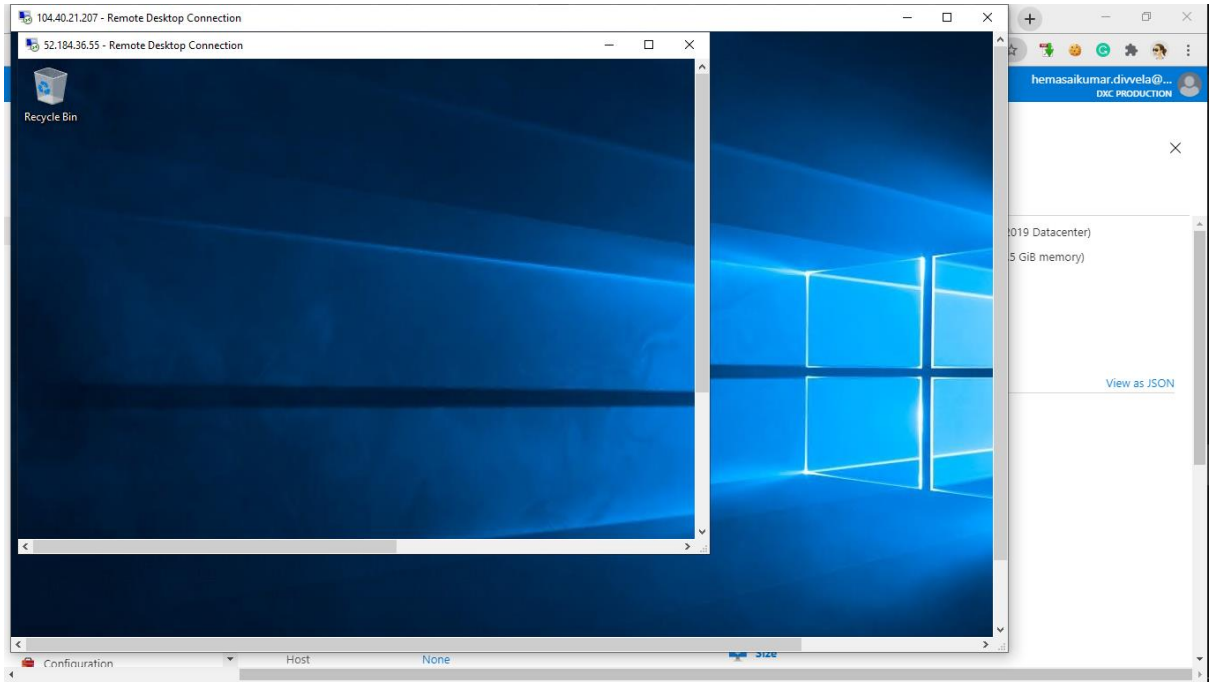
2.Creating the two networks in East Asia and west us.



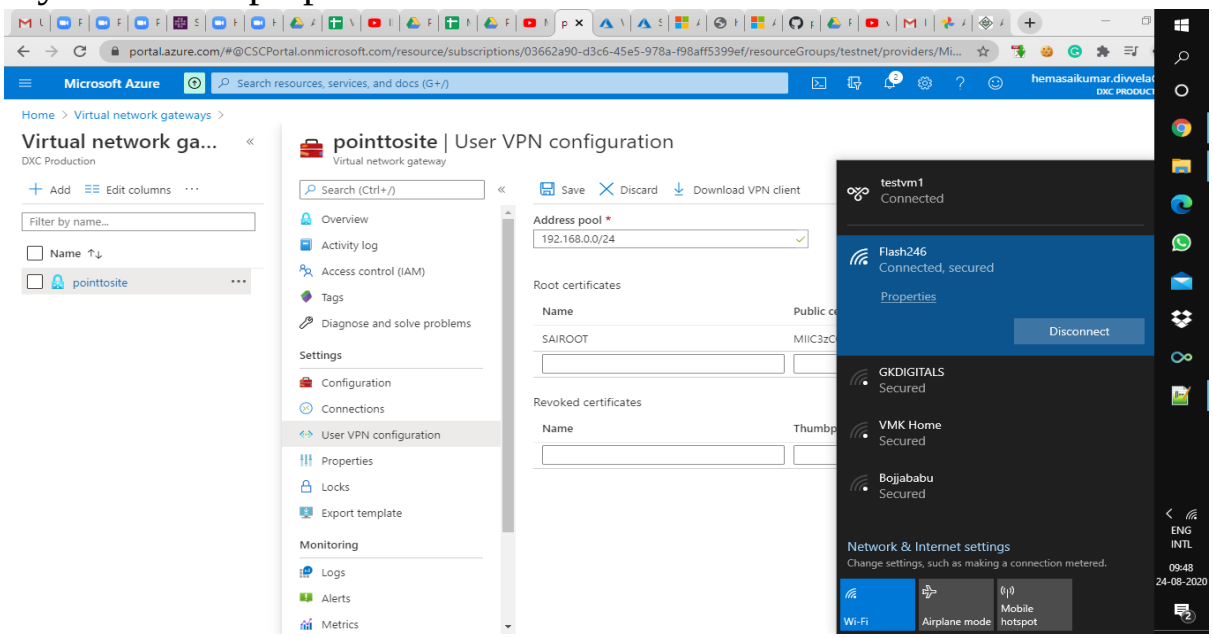


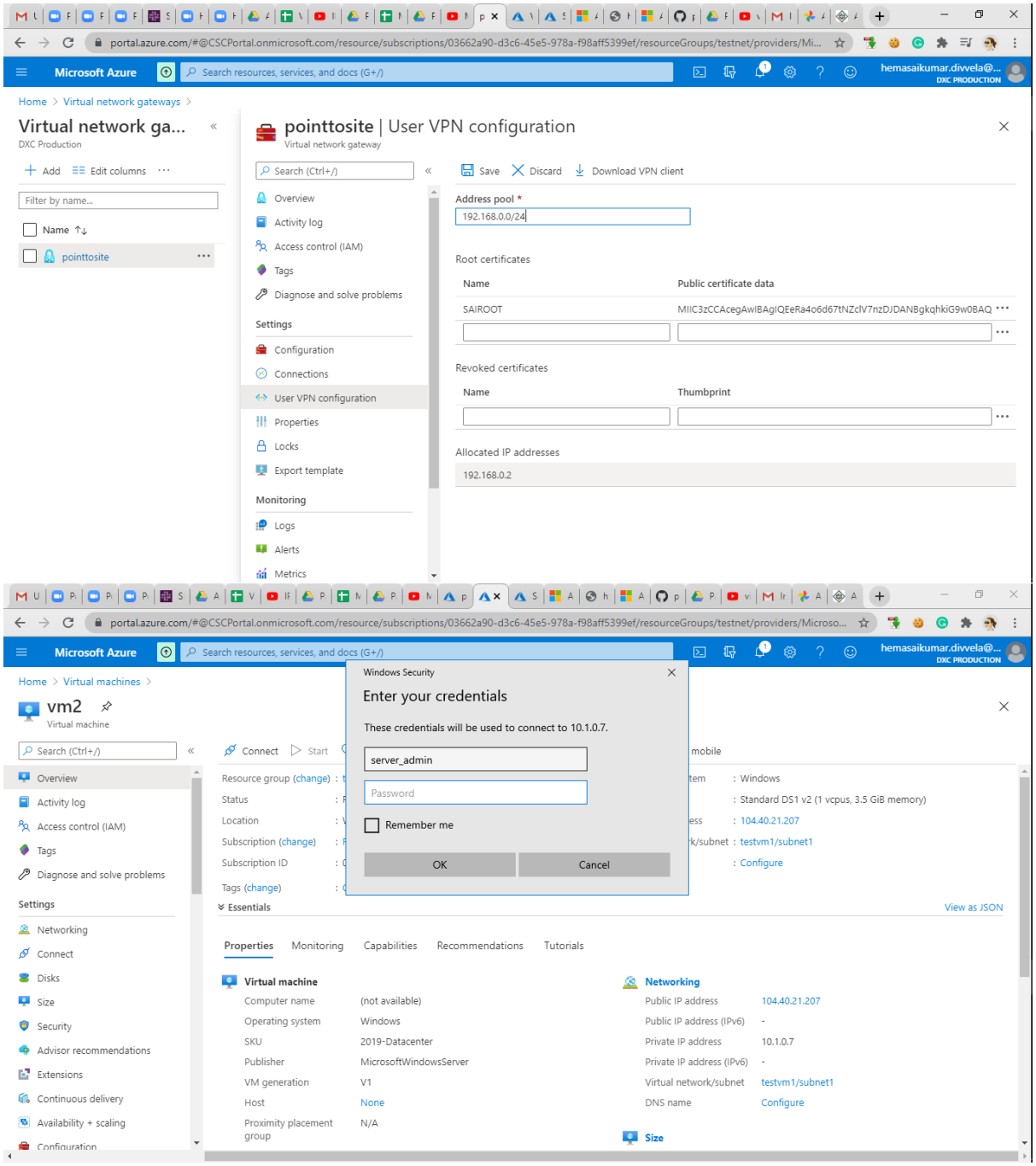
To peer the network using Network Peering and access the VM using private from one location to other location

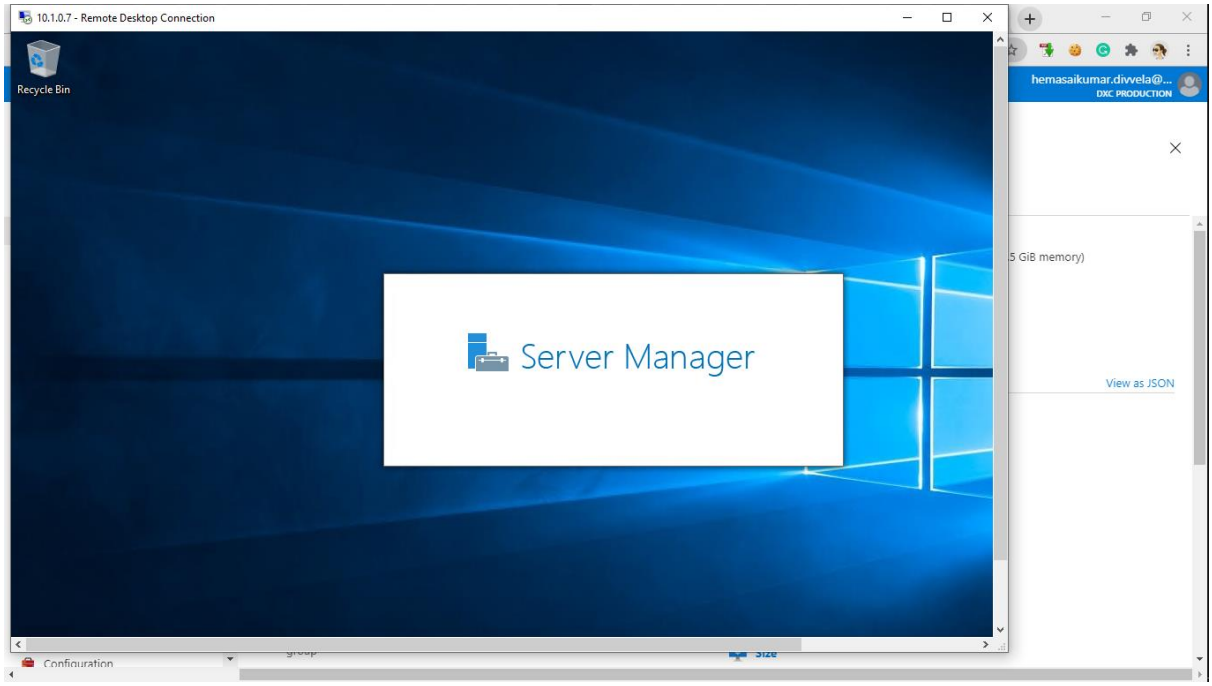

Microsoft Azure
Upgrade
Search resources, services, and docs (G+/)
hemasaikumar.divvela@...
DXC PRODUCTION
Home > Virtual networks >
testvm1 | Peerings
Virtual network
Search (Ctrl+/)
Add
Refresh
Filter by name...
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Settings
Address space
Connected devices
Subnets
DDoS protection
Firewall
Security
DNS servers
Peerings
Service endpoints
Private endpoints
Name
Peering status
Peer
Gateway transit
westustoeastasia
Connected
testvm3
Disabled
104.40.21.207 - Remote Desktop Connection
Recycle Bin
Remote Desktop Connection
Remote Desktop Connection
Windows Security
Enter your credentials
These credentials will be used to connect to 52.184.36.55.
User name
Password
Remember me
OK
Cancel
View as JSON
Configuration
Host
None



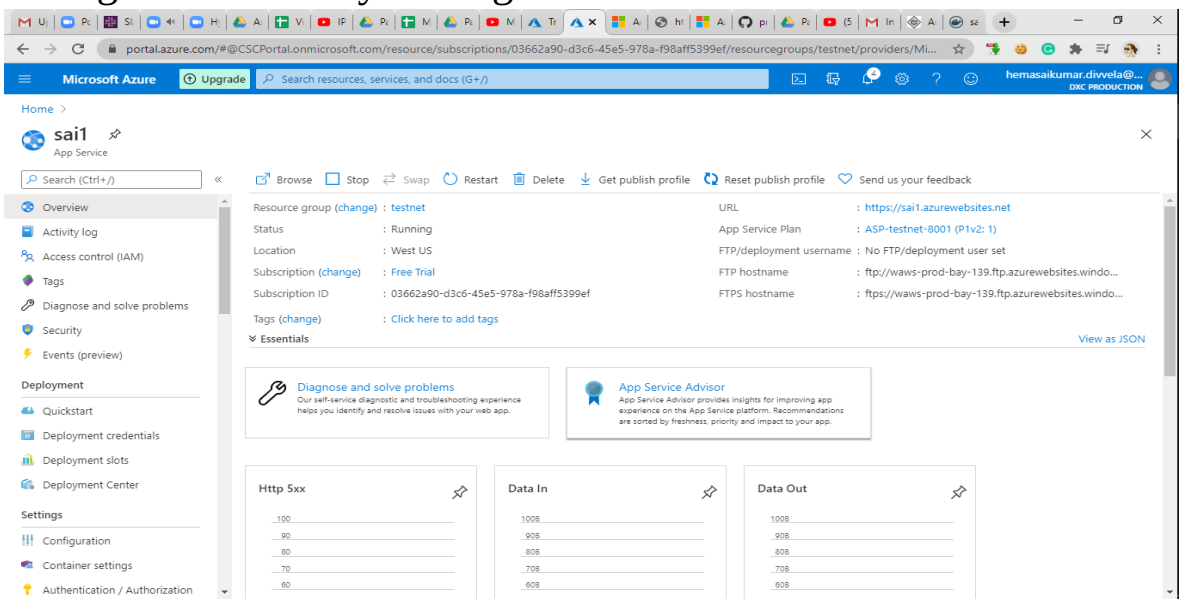
Creating a Point to site VPN in west us location and try connect from my location laptop to Azure data centre.

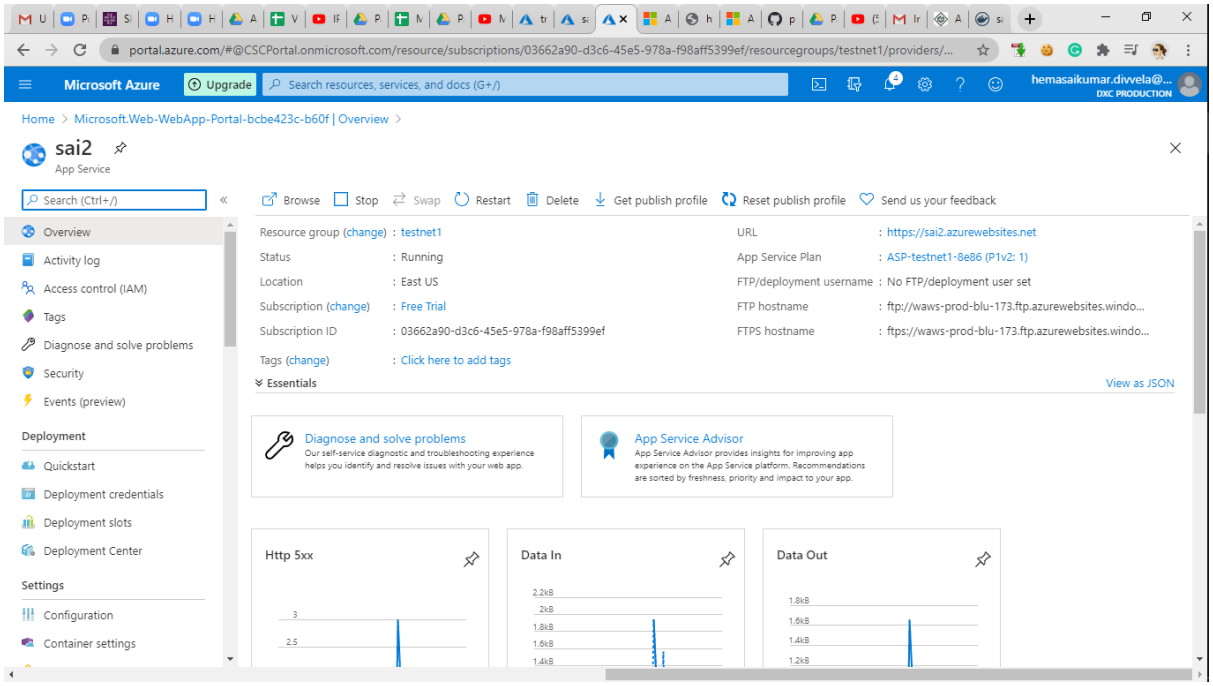


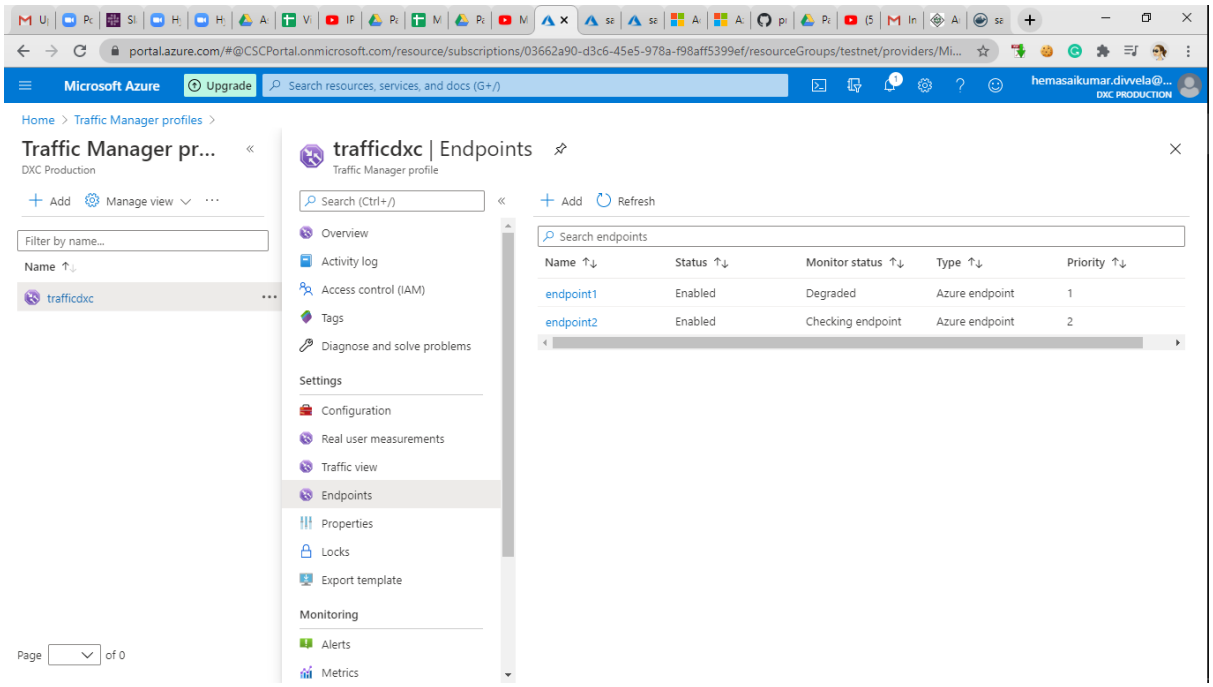

portal.azure.com/#@CSCPortal.onmicrosoft.com/resource/subscriptions/03662a90-d3c6-45e5-978a-f98aff5399ef/resourceGroups/testnet/providers/Mi...
Microsoft Azure
Search resources, services, and docs (G+/)
hemasaikumar.divvela@...
DXC PRODUCTION
Home > Virtual network gateways >
Virtual network ga...
DXC Production
Add
Edit columns
Filter by name...
Name
pointtosite
pointtosite | User VPN configuration
Virtual network gateway
Search (Ctrl+/)
Save
Discard
Download VPN client
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Settings
Configuration
Connections
User VPN configuration
Properties
Locks
Export template
Monitoring
Logs
Alerts
Metrics
Address pool *
192.168.0.0/24
Root certificates
Name
Public certificate data
SAIROOT
MIIC3zCCAcegAwIBAgIQEeRa4o6d67tNZclV7nzDJANBgkqhkiG9w0BAQ
Revoked certificates
Name
Thumbprint
Allocated IP addresses
192.168.0.2
portal.azure.com/#@CSCPortal.onmicrosoft.com/resource/subscriptions/03662a90-d3c6-45e5-978a-f98aff5399ef/resourceGroups/testnet/providers/Microso...
Home > Virtual machines >
vm2
Virtual machine
Connect
Start
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Settings
Networking
Connect
Disks
Size
Security
Advisor recommendations
Extensions
Continuous delivery
Availability + scaling
Configuration
Windows Security
Enter your credentials
These credentials will be used to connect to 10.1.0.7.
server_admin
Password
Remember me
OK
Cancel
Resource group (change)
Status
Location
Subscription (change)
Subscription ID
Tags (change)
Essentials
View as JSON
Properties
Monitoring
Capabilities
Recommendations
Tutorials
Virtual machine
Computer name (not available)
Operating system Windows
SKU 2019-Datacenter
Publisher MicrosoftWindowsServer
VM generation V1
Host None
Proximity placement group N/A
Networking
Public IP address 104.40.21.207
Public IP address (IPv6) -
Private IP address 10.1.0.7
Private IP address (IPv6) -
Virtual network/subnet testvm1/subnet1
DNS name Configure
Size
Windows
Standard DS1 v2 (1 vcpus, 3.5 GiB memory)
104.40.21.207
testvm1/subnet1
Configure



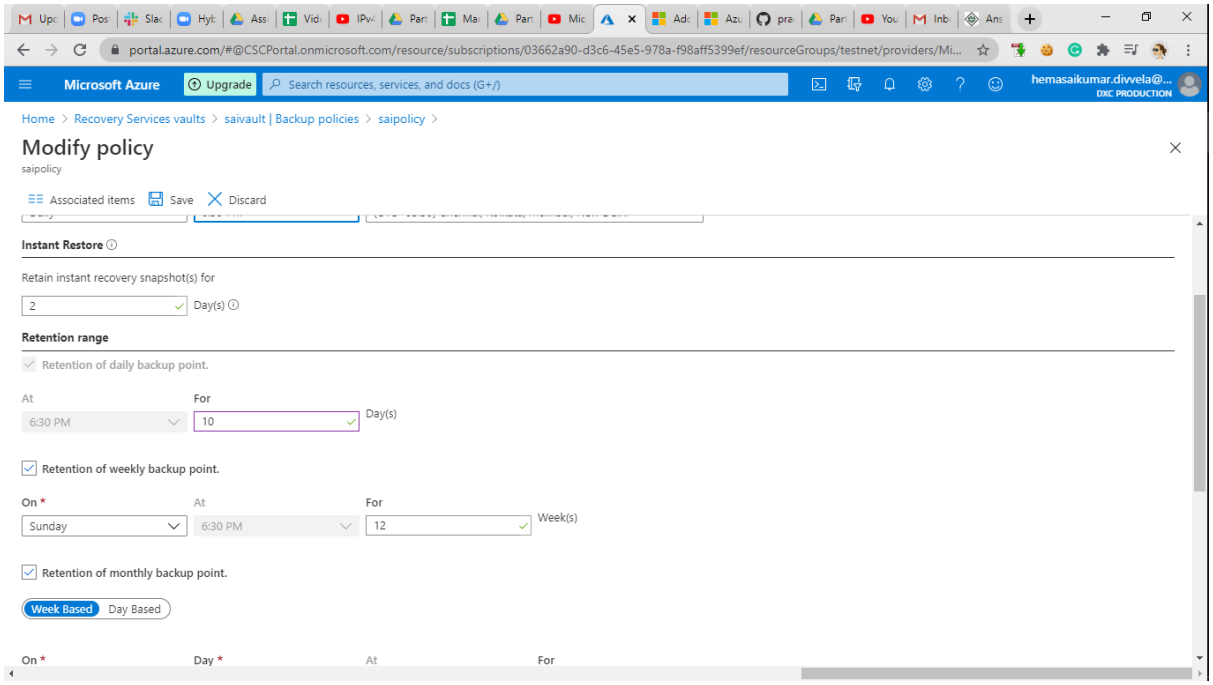
Creating the two web applications and putting those apps under traffic manager with Priority routing method

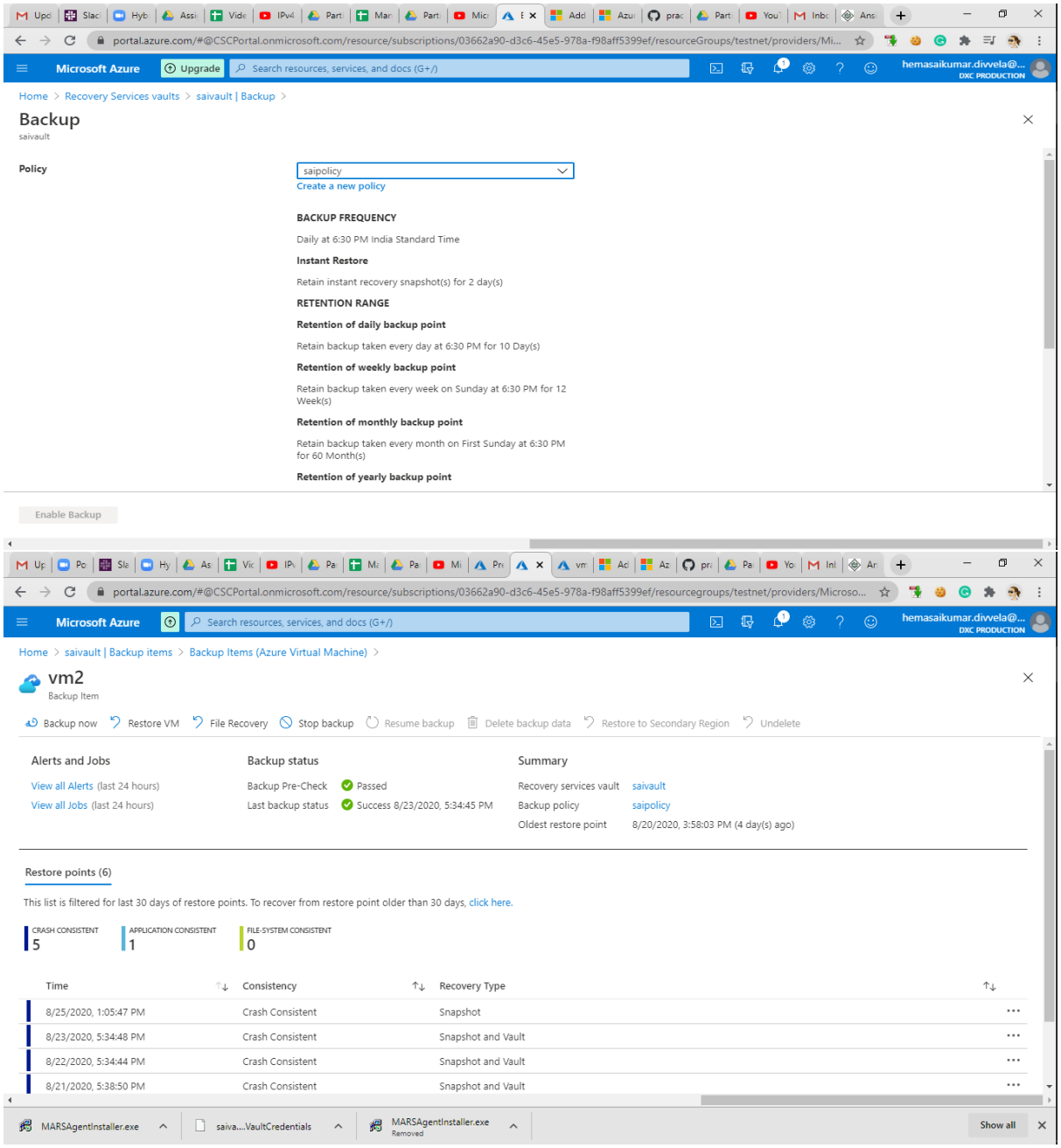



Microsoft Azure
Upgrade
Search resources, services, and docs (G+/)
hemasaikumar.divvela@...
DXC PRODUCTION
Home > Microsoft.Web-WebApp-Portal-bcbe423c-b60f | Overview >
sai2
App Service
Search (Ctrl+/)
Browse
Stop
Swap
Restart
Delete
Get publish profile
Reset publish profile
Send us your feedback
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Security
Events (preview)
Deployment
Quickstart
Deployment credentials
Deployment slots
Deployment Center
Settings
Configuration
Container settings
Resource group (change) : testnet1
Status : Running
Location : East US
Subscription (change) : Free Trial
Subscription ID : 03662a90-d3c6-45e5-978a-f98aff5399ef
Tags (change) : Click here to add tags
URL : https://sai2.azurewebsites.net
App Service Plan : ASP-testnet1-8e86 (P1v2: 1)
FTP/deployment username : No FTP/deployment user set
FTP hostname : ftp://waws-prod-blu-173.ftp.azurewebsites.windo...
FTPS hostname : ftps://waws-prod-blu-173.ftp.azurewebsites.windo...
Essentials
View as JSON
Diagnose and solve problems
Our self-service diagnostic and troubleshooting experience helps you identify and resolve issues with your web app.
App Service Advisor
App Service Advisor provides insights for improving app experience on the App Service platform. Recommendations are sorted by freshness, priority and impact to your app.
Http 5xx
Data In
Data Out

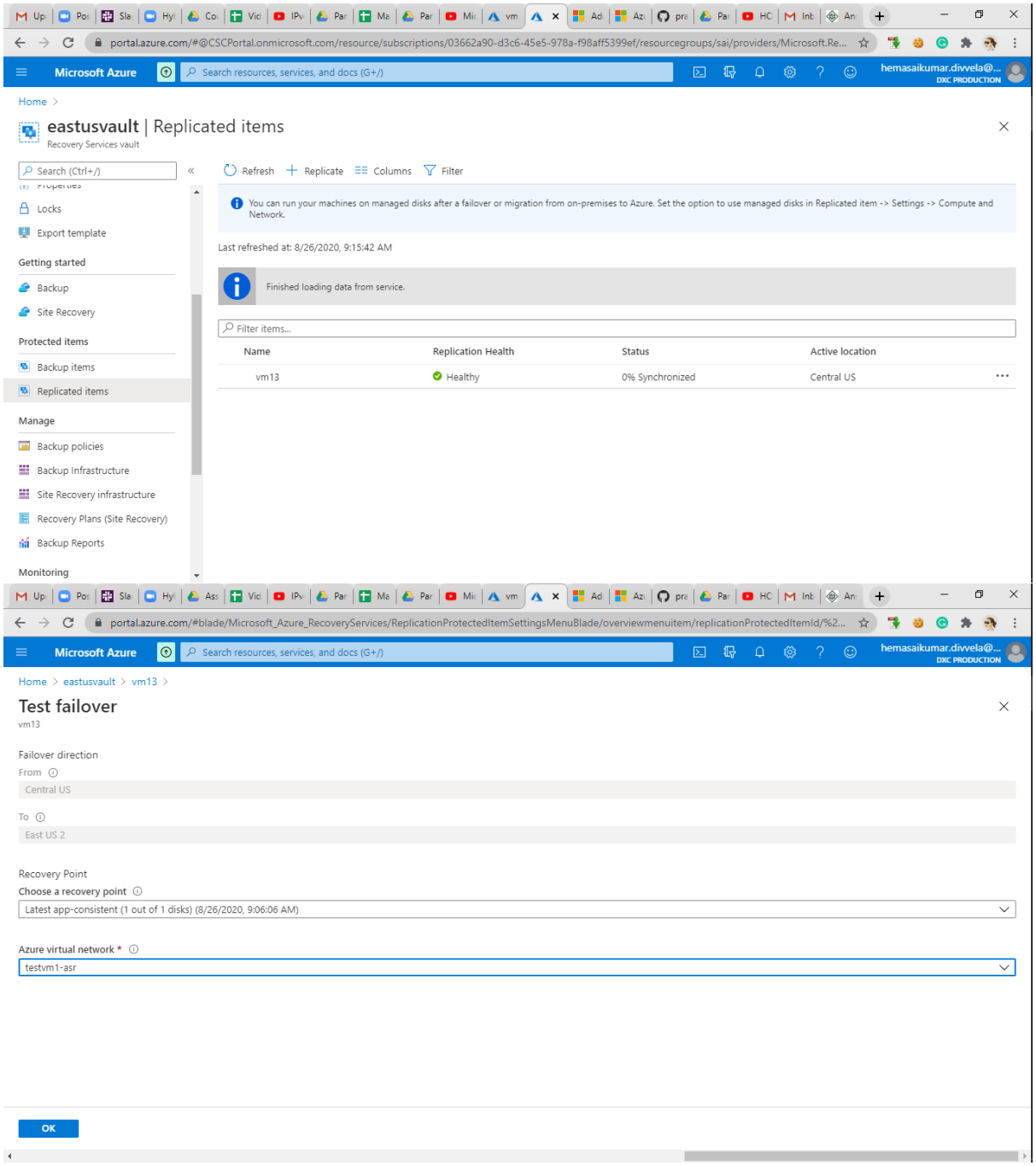

Microsoft Azure
Upgrade
Search resources, services, and docs (G+/)
hemasaikumar.divvela@...
DXC PRODUCTION
Home > Traffic Manager profiles >
Traffic Manager pr...
DXC Production
Add
Manage view
Filter by name...
Name
trafficdxc
Page
of 0
trafficdxc | Endpoints
Traffic Manager profile
Search (Ctrl+/)
Add
Refresh
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Settings
Configuration
Real user measurements
Traffic view
Endpoints
Properties
Locks
Export template
Monitoring
Alerts
Metrics
Search endpoints
Name
Status
Monitor status
Type
Priority
endpoint1
Enabled
Degraded
Azure endpoint
1
endpoint2
Enabled
Checking endpoint
Azure endpoint
2

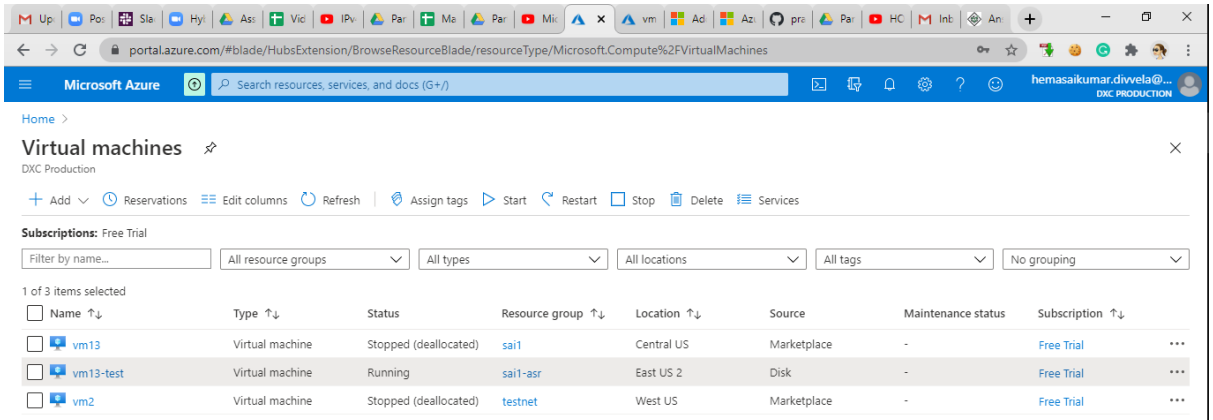
Create a Backup solution for the Vm and assign a daily policy to the VM with 10 days retention period

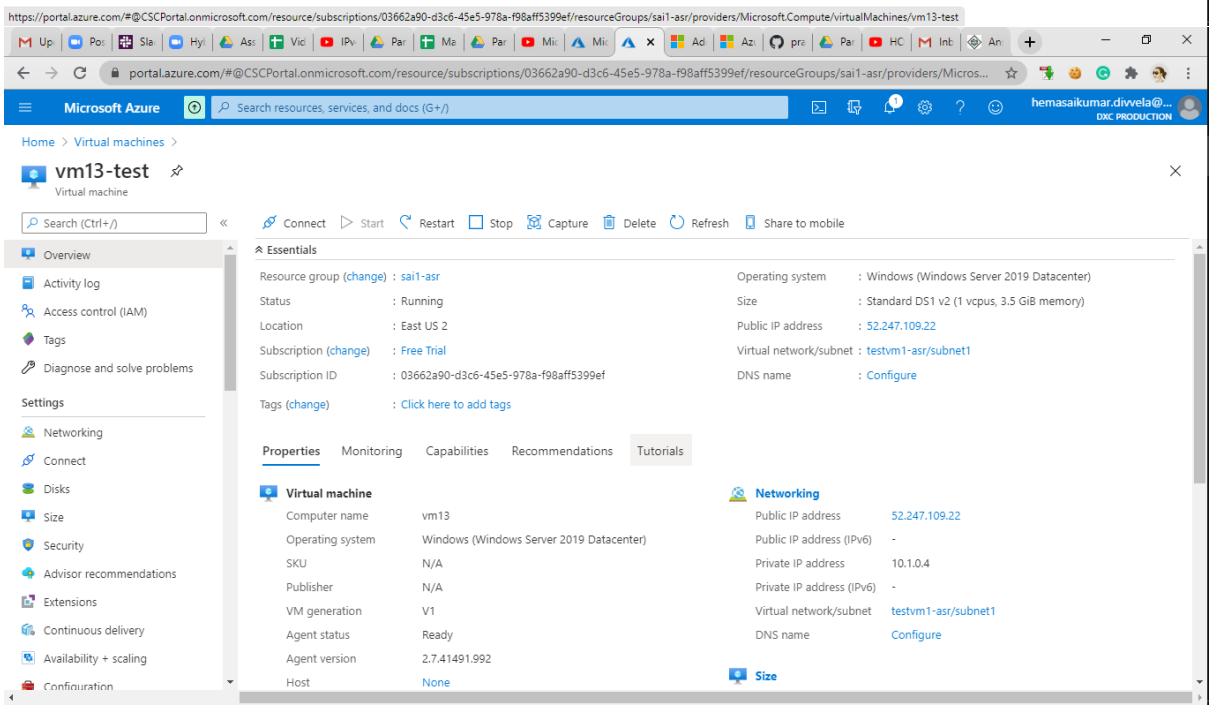




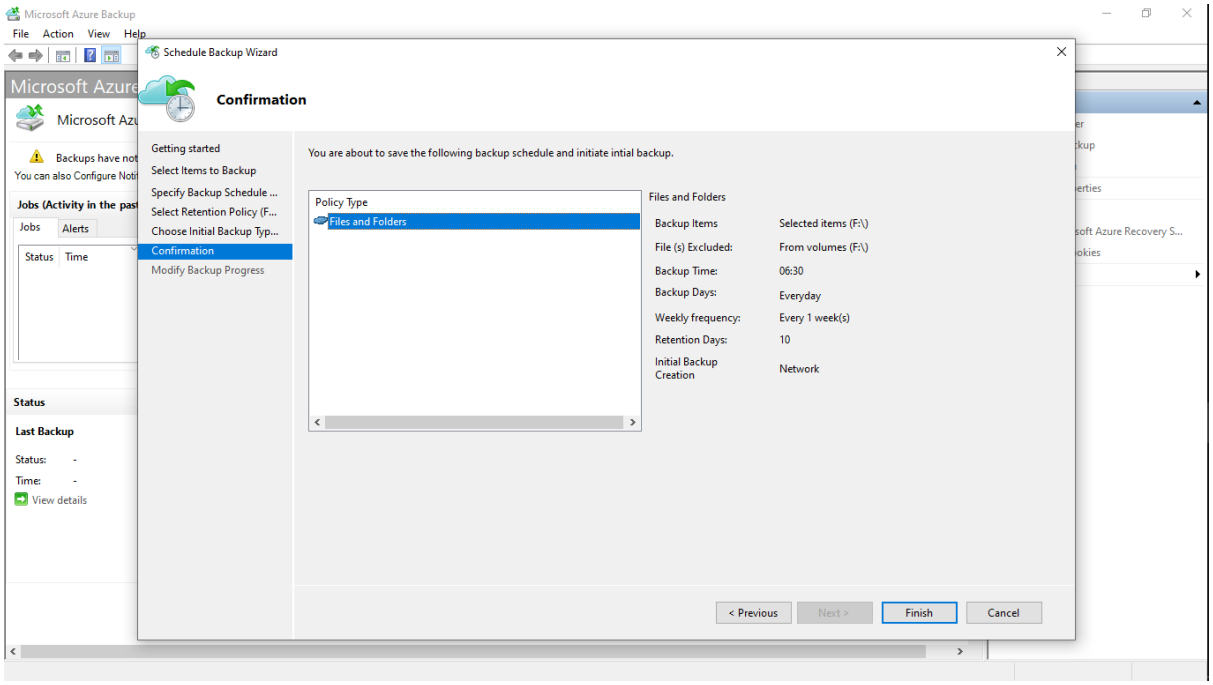
Replicating the VM form west us to any location using failover.

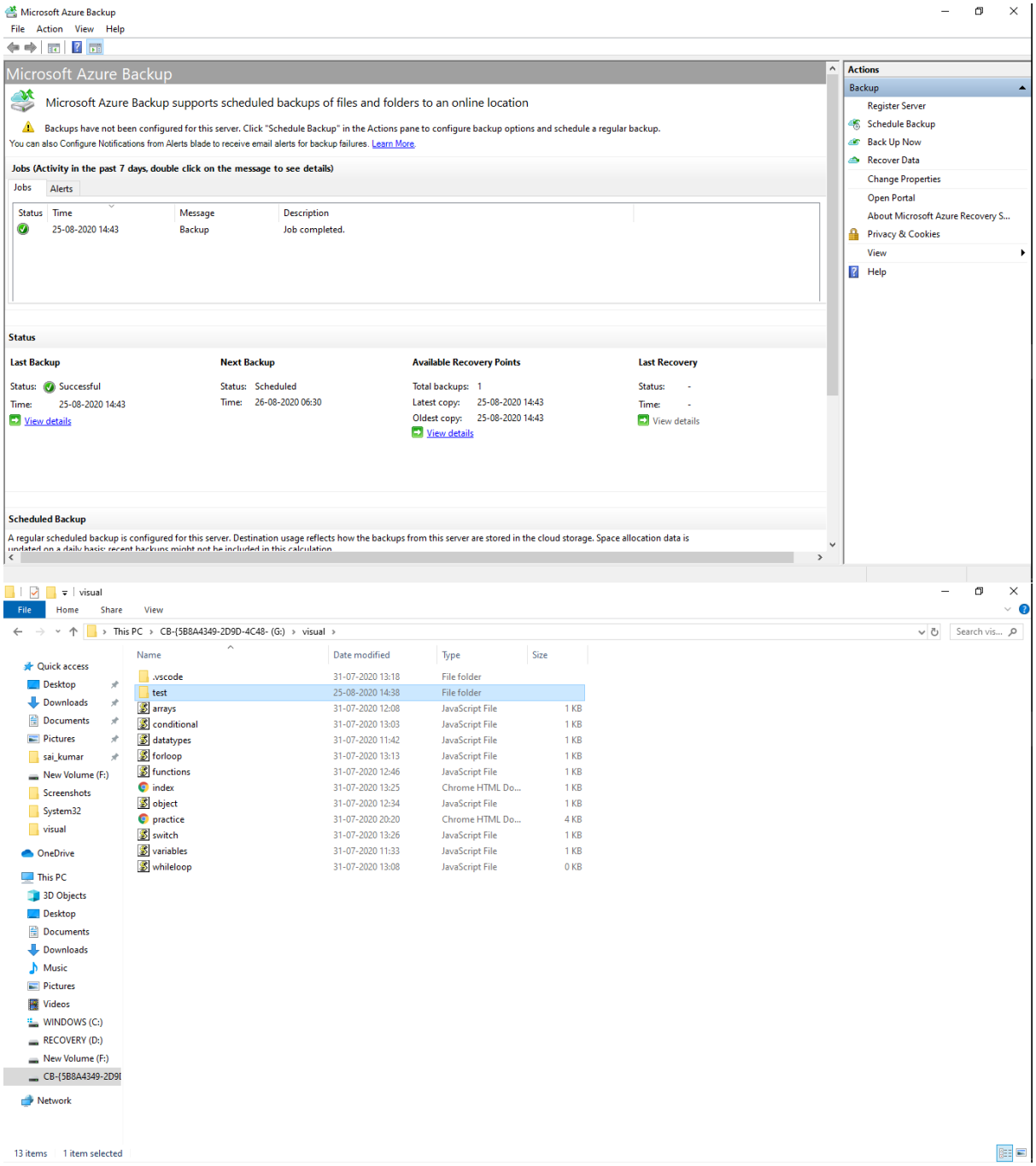

portal.azure.com/#@CSCPortal.onmicrosoft.com/resource/subscriptions/03662a90-d3c6-45e5-978a-f98aff5399ef/resourcegroups/sai/providers/Microsoft.Re...
Microsoft Azure
Search resources, services, and docs (G+/)
hemasaikumar.divvela@...
DXC PRODUCTION
Home
eastusvault | Replicated items
Recovery Services vault
Search (Ctrl+/)
Refresh
Replicate
Columns
Filter
Locks
Export template
Getting started
Backup
Site Recovery
Protected items
Backup items
Replicated items
Manage
Backup policies
Backup Infrastructure
Site Recovery infrastructure
Recovery Plans (Site Recovery)
Backup Reports
Monitoring
You can run your machines on managed disks after a failover or migration from on-premises to Azure. Set the option to use managed disks in Replicated item -> Settings -> Compute and Network.
Last refreshed at: 8/26/2020, 9:15:42 AM
Finished loading data from service.
Filter items...
Name
Replication Health
Status
Active location
vm13
Healthy
0% Synchronized
Central US
portal.azure.com/#blade/Microsoft_Azure_RecoveryServices/ReplicationProtectedItemSettingsMenuBlade/overviewmenuitem/replicationProtectedItemId/%2...
Microsoft Azure
Search resources, services, and docs (G+/)
hemasaikumar.divvela@...
DXC PRODUCTION
Home
eastusvault
vm13
Test failover
vm13
Failover direction
From
Central US
To
East US 2
Recovery Point
Choose a recovery point
Latest app-consistent (1 out of 1 disks) (8/26/2020, 9:06:06 AM)
Azure virtual network *
testvm1-asr
OK


portal.azure.com/#blade/HubsExtension/BrowseResourceBlade/resourceType/Microsoft.Compute%2FVirtualMachines
Microsoft Azure
Search resources, services, and docs (G+/)
hemasaikumar.divvela@...
DXC PRODUCTION
Home
Virtual machines
DXC Production
Add
Reservations
Edit columns
Refresh
Assign tags
Start
Restart
Stop
Delete
Services
Subscriptions: Free Trial
Filter by name...
All resource groups
All types
All locations
All tags
No grouping
1 of 3 items selected
Name
Type
Status
Resource group
Location
Source
Maintenance status
Subscription
vm13 Virtual machine Stopped (deallocated) sai1 Central US Marketplace - Free Trial
vm13-test Virtual machine Running sai1-asr East US 2 Disk - Free Trial
vm2 Virtual machine Stopped (deallocated) testnet West US Marketplace - Free Trial

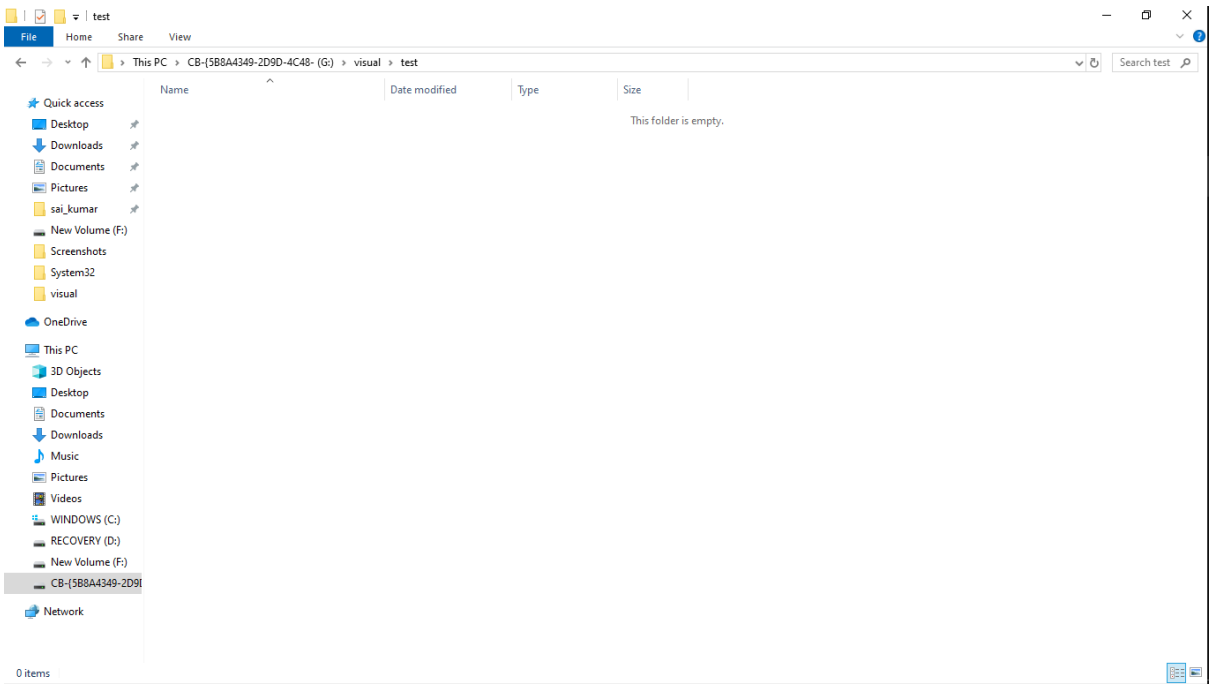

https://portal.azure.com/#@CSCPortal.onmicrosoft.com/resource/subscriptions/03662a90-d3c6-45e5-978a-f98aff5399ef/resourceGroups/sai1-asr/providers/Microsoft.Compute/virtualMachines/vm13-test
Microsoft Azure
Search resources, services, and docs (G+/)
hemasaikumar.divvela@...
DXC PRODUCTION
Home > Virtual machines >
vm13-test
Virtual machine
Search (Ctrl+/)
Connect
Start
Restart
Stop
Capture
Delete
Refresh
Share to mobile
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Settings
Networking
Connect
Disks
Size
Security
Advisor recommendations
Extensions
Continuous delivery
Availability + scaling
Configuration
Essentials
Resource group (change) : sai1-asr
Status : Running
Location : East US 2
Subscription (change) : Free Trial
Subscription ID : 03662a90-d3c6-45e5-978a-f98aff5399ef
Tags (change) : Click here to add tags
Operating system : Windows (Windows Server 2019 Datacenter)
Size : Standard DS1 v2 (1 vcpus, 3.5 GiB memory)
Public IP address : 52.247.109.22
Virtual network/subnet : testvm1-asr/subnet1
DNS name : Configure
Properties
Monitoring
Capabilities
Recommendations
Tutorials
Virtual machine
Computer name vm13
Operating system Windows (Windows Server 2019 Datacenter)
SKU N/A
Publisher N/A
VM generation V1
Agent status Ready
Agent version 2.7.41491.992
Host None
Networking
Public IP address 52.247.109.22
Public IP address (IPv6) -
Private IP address 10.1.0.4
Private IP address (IPv6) -
Virtual network/subnet testvm1-asr/subnet1
DNS name Configure
Size

Taking the on-premises backup using backup agent and excluding the test folder from any drive.





In the below image showing that test folder is excluded. so that test folder files are not restored since we are excluded in the backup.


test
File
Home
Share
View
This PC
CB-{5B8A4349-2D9D-4C48- (G:)
visual
test
Search test
Name
Date modified
Type
Size
This folder is empty.
Quick access
Desktop
Downloads
Documents
Pictures
sai_kumar
New Volume (F:)
Screenshots
System32
visual
OneDrive
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
WINDOWS (C:)
RECOVERY (D:)
New Volume (F:)
CB-{5B8A4349-2D9
Network
0 items