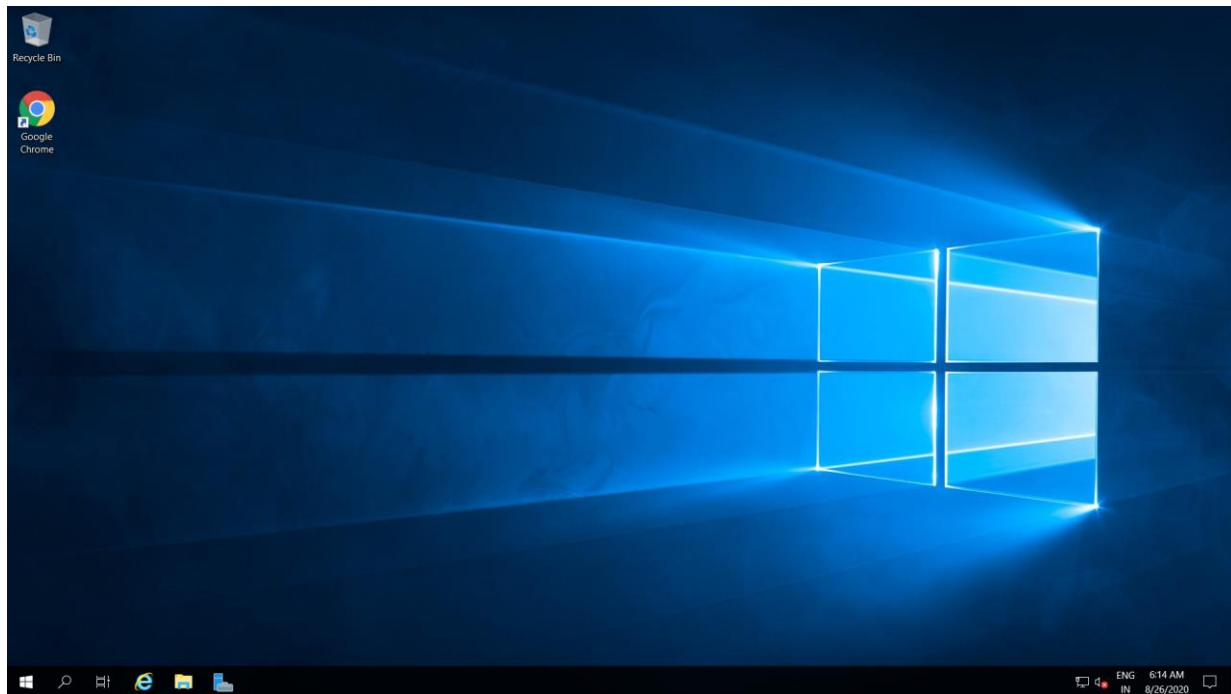
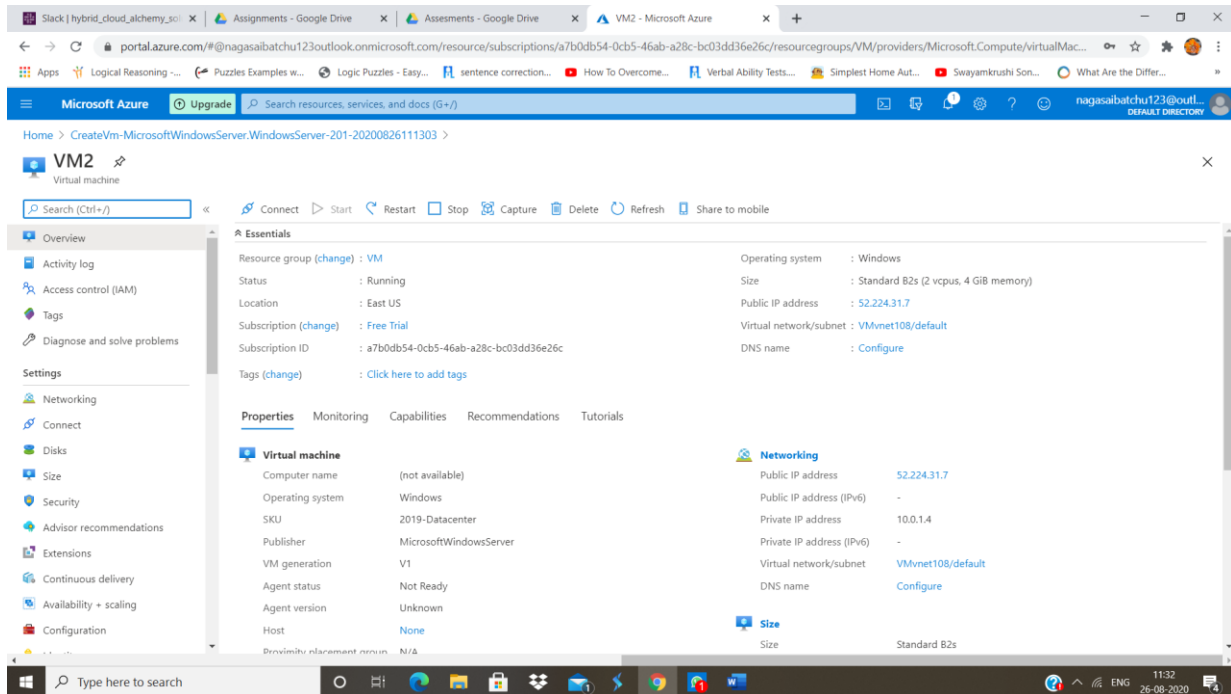
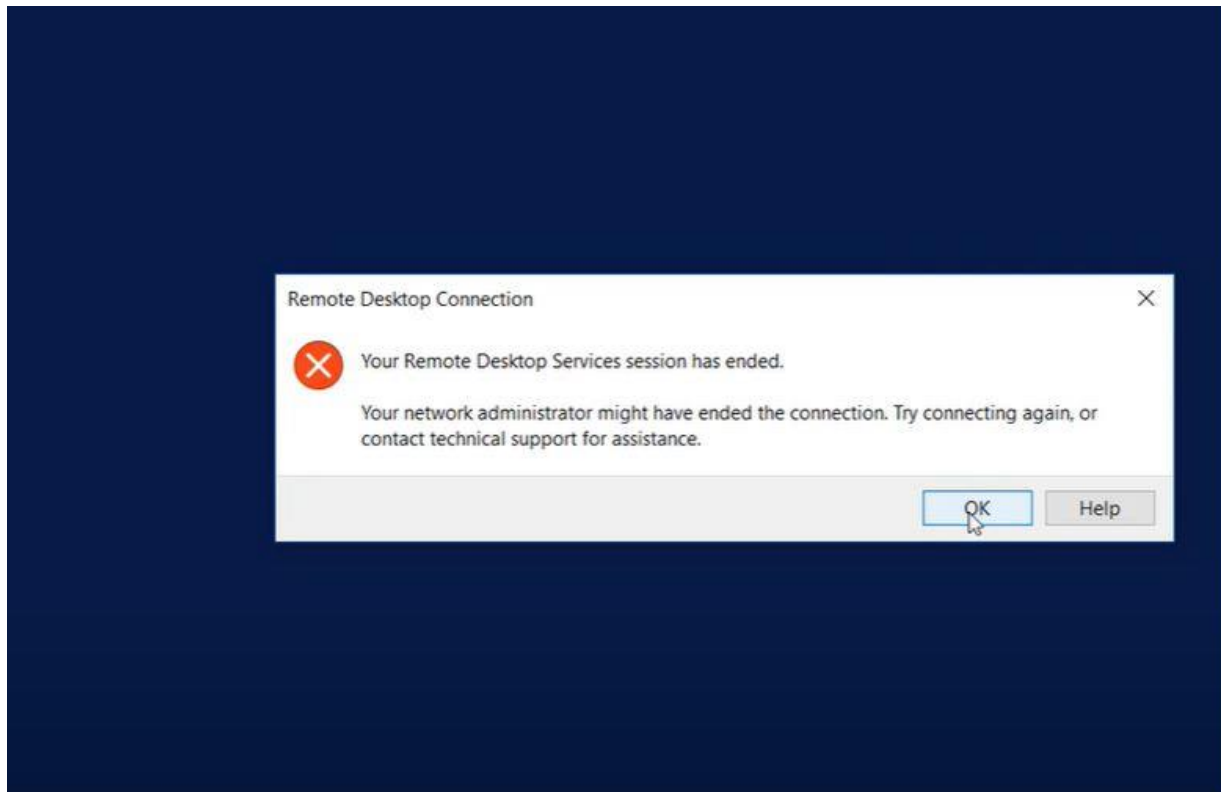


1 Deploy the custom image with any application installed?

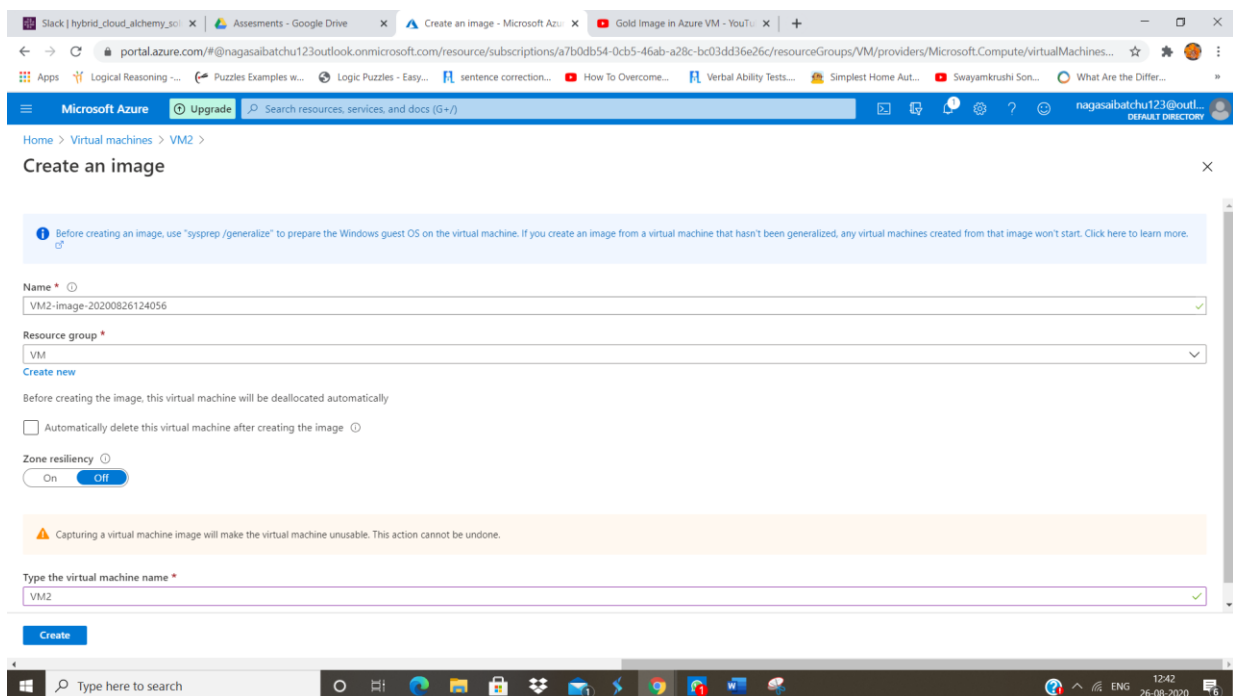
I have created VM2 and after that I installed chrome in that machine and made that VM2 as generalized.

The images are as follows.

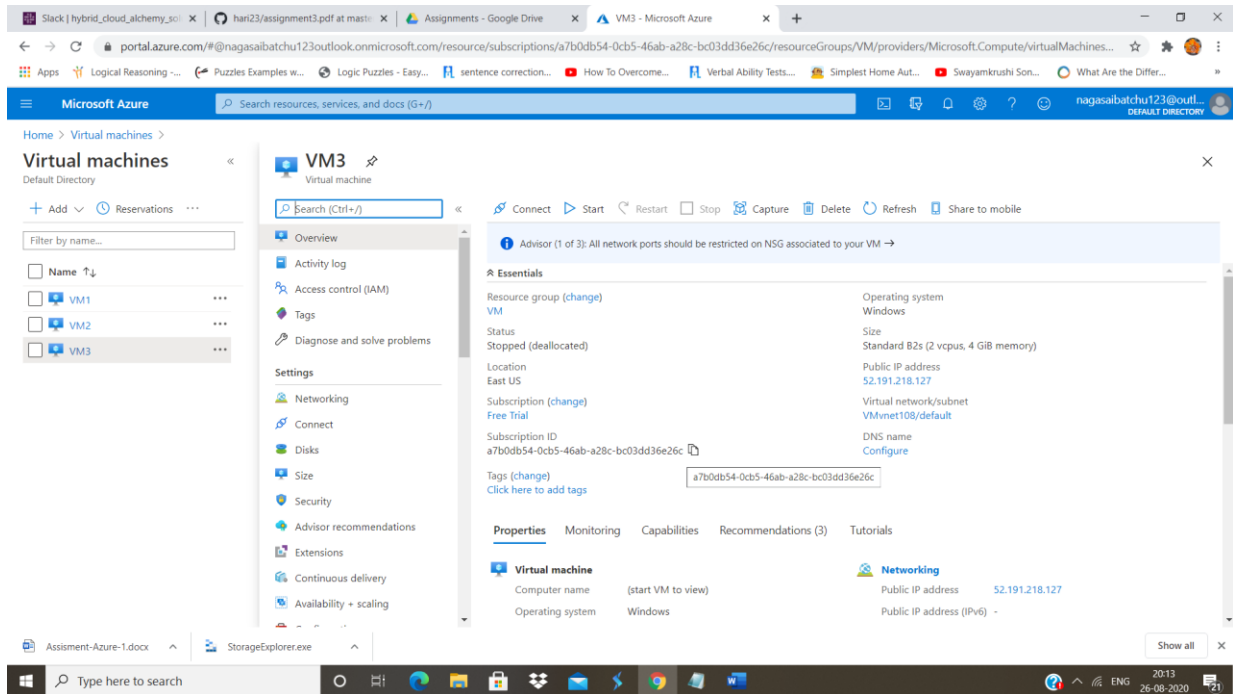




I have created an image by clicking capture in the overview section of VM2

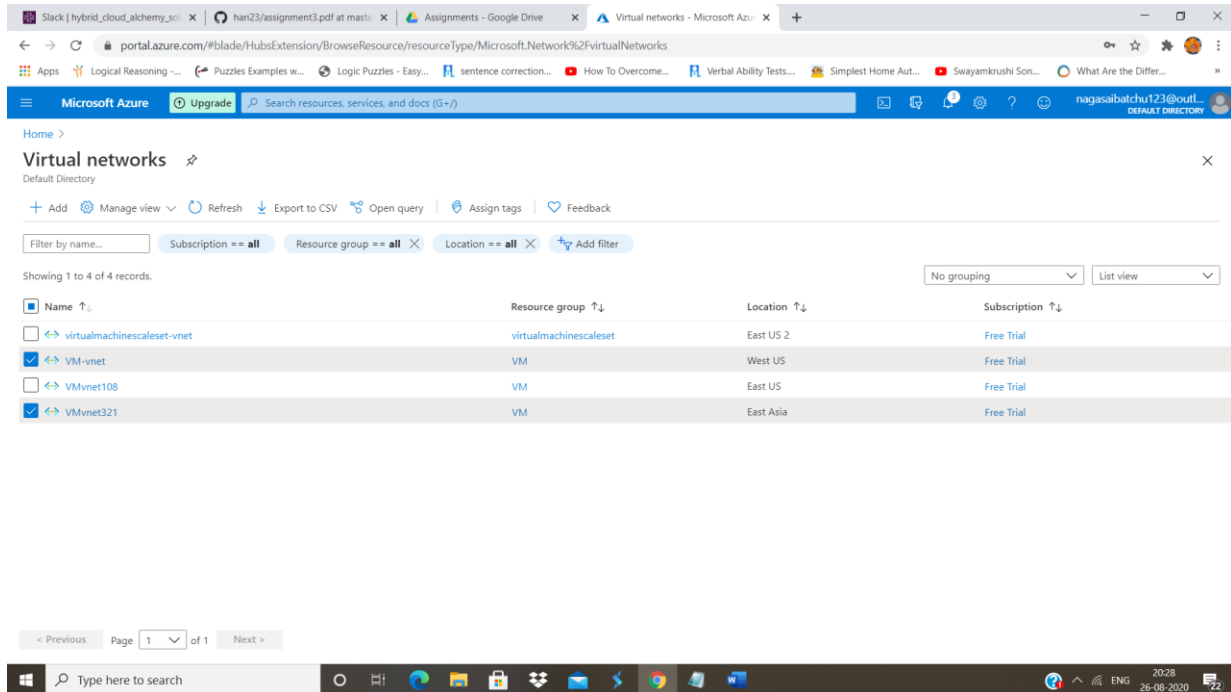


Using the image I created another vm called VM3 and in that VM3 all the applications get installed by default.

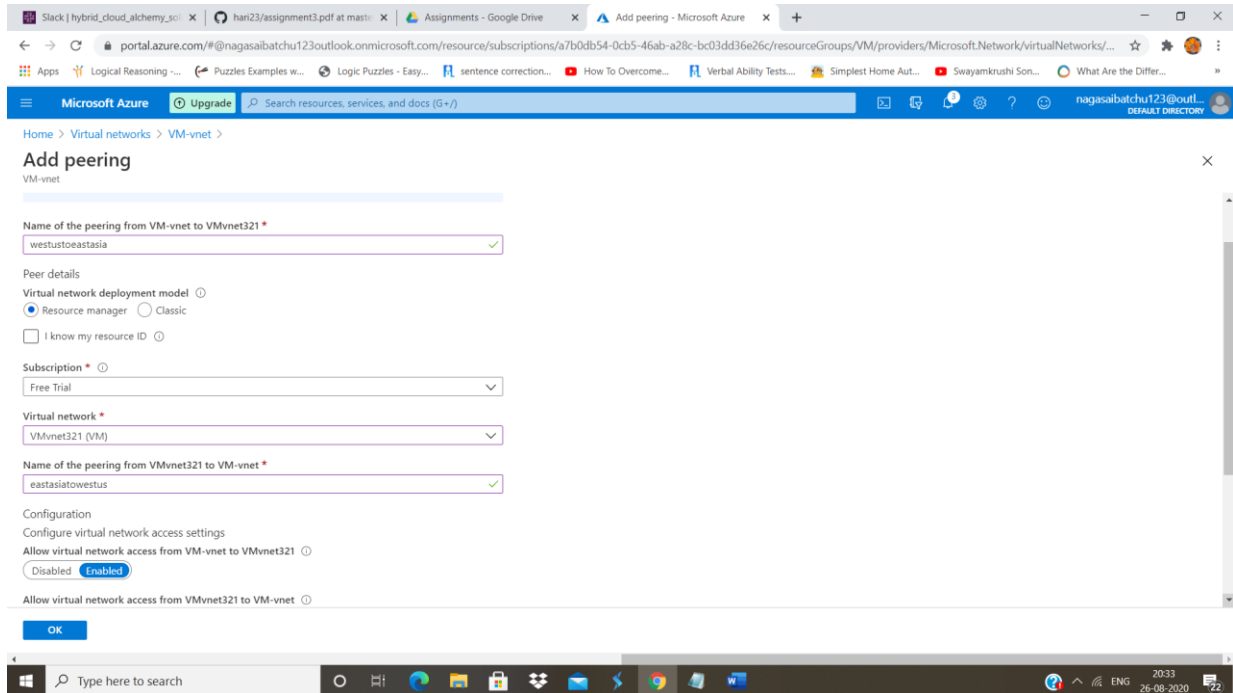


2 Create a two networks in East Asia and west us and peer the network using Network peering and access the VM using private from one location to other location

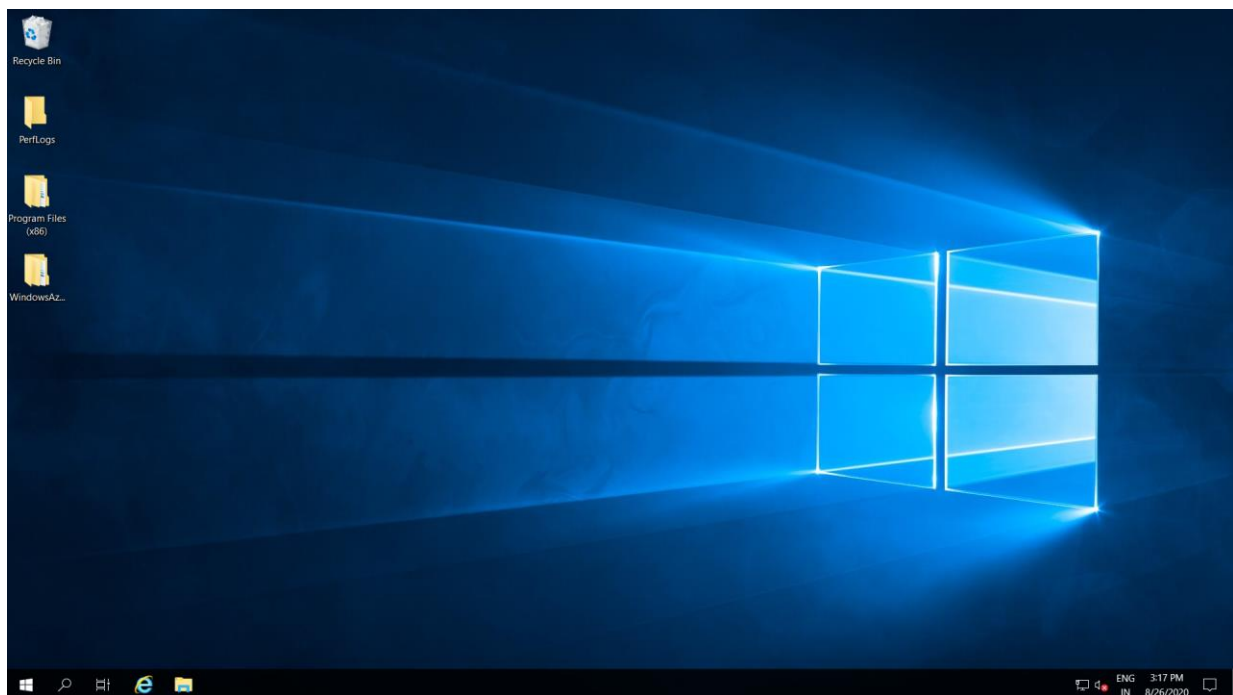
I have created virtual network in East Asia and West US. The image is as follows.

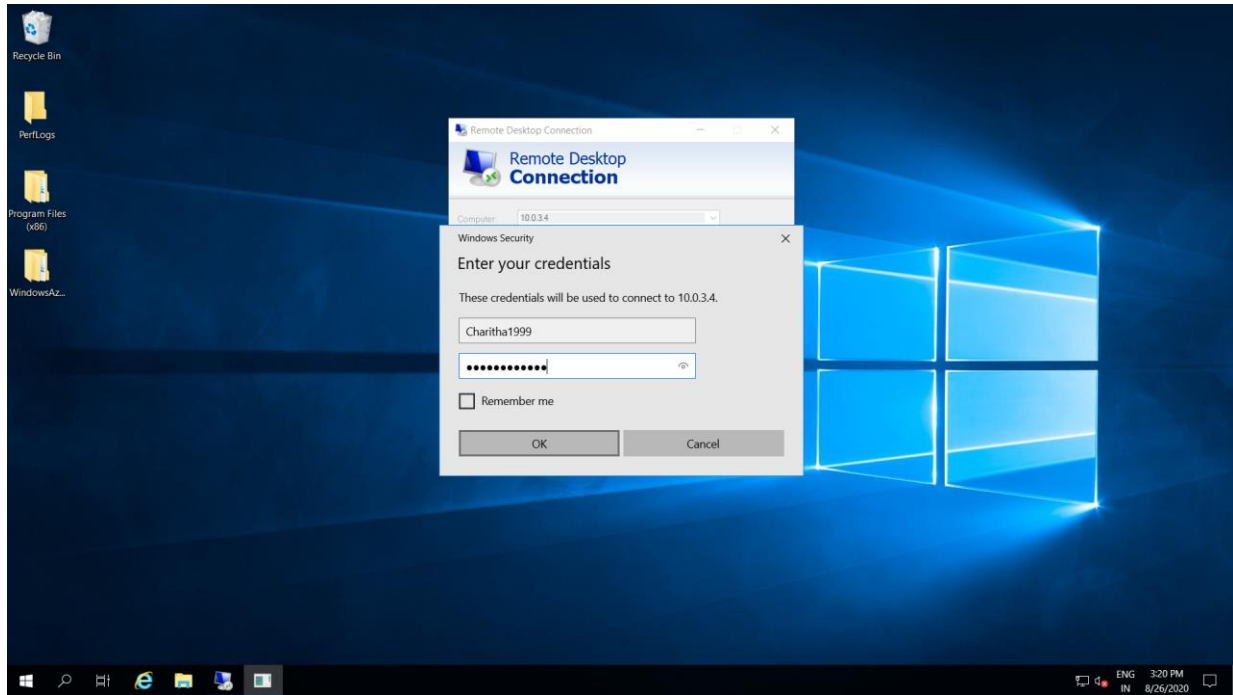


I have enabled peering between virtual networks in Eastasia aand West US. The image is as follows.

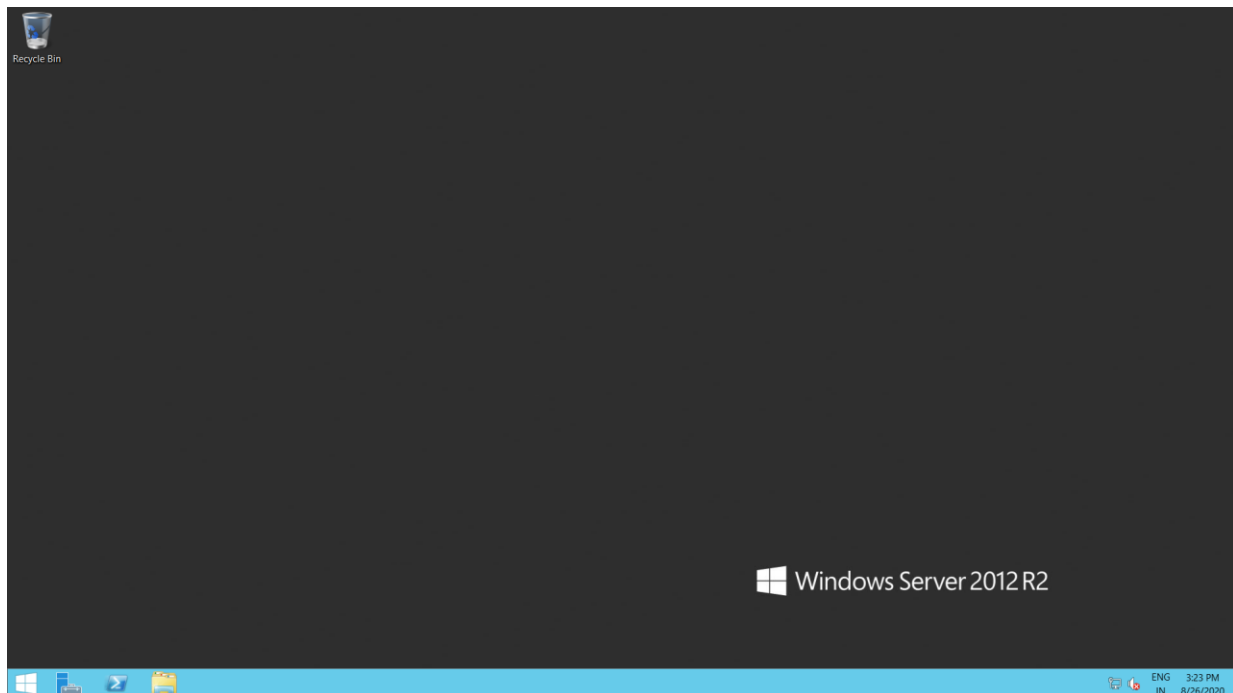


I have logged into the VM created in WEST US, in that I have logged into another VM which is in EAST ASIA region using private Ip. The images are as follows.

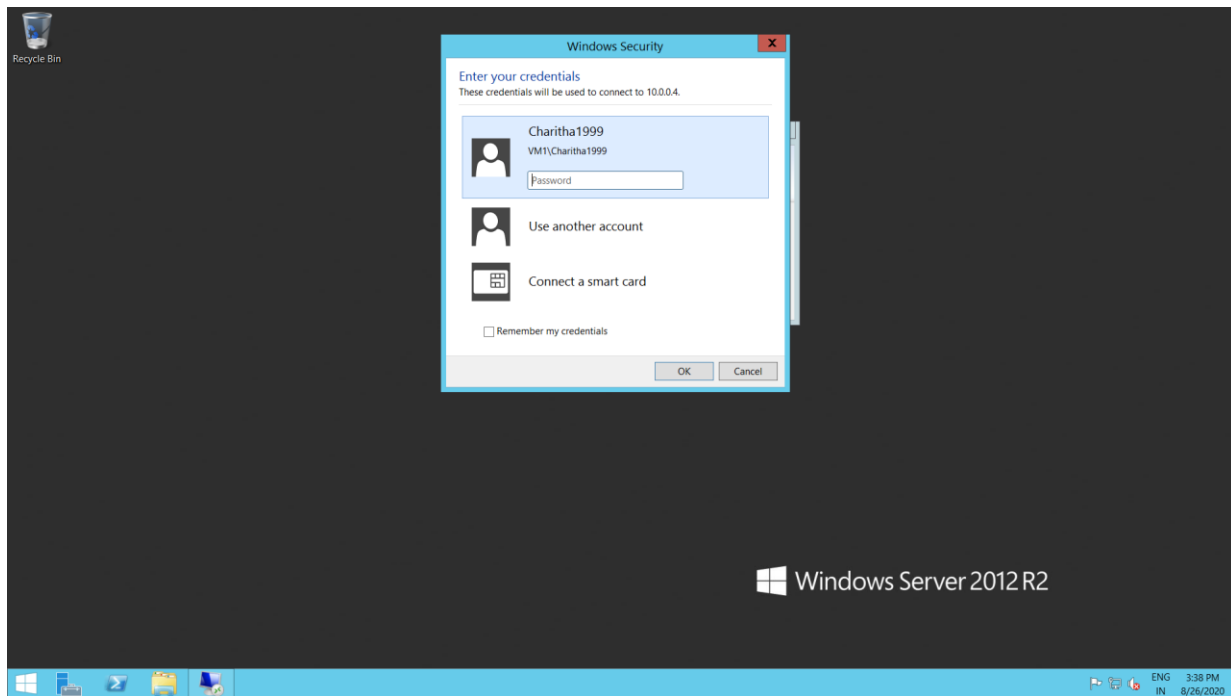




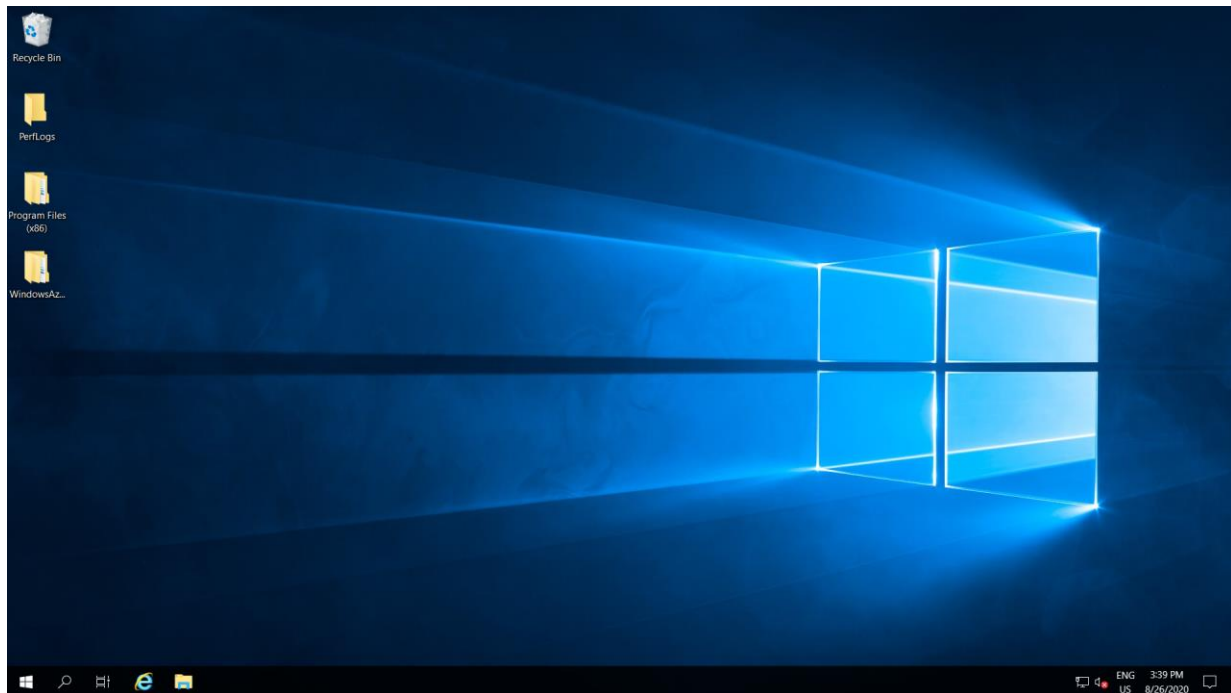
This is the VM which is created in EAST ASIA region. I accessed it from WEST US location by enabling network peering.



I have logged into the VM created in EAST ASIA, in that I have logged into another VM which is in WEST US region using private Ip. The images are as follows.

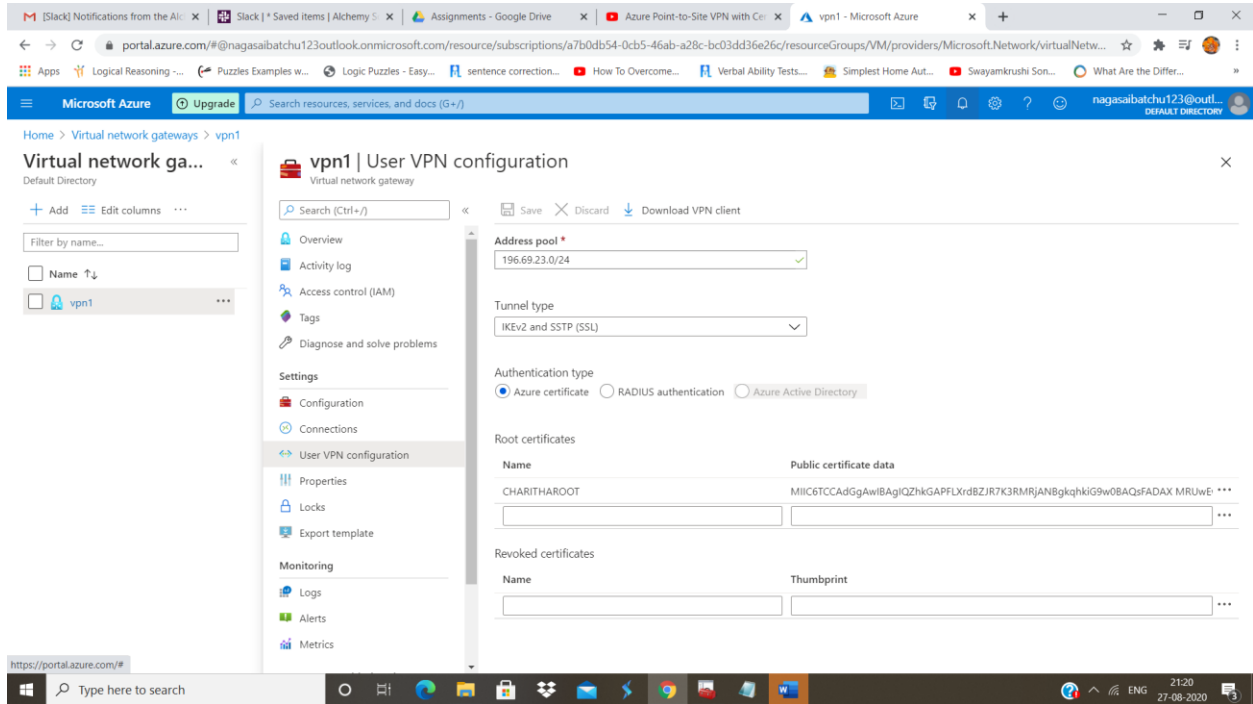


This is the VM which is created in WEST US region. I accessed it from EAST ASIA location by enabling network peering.

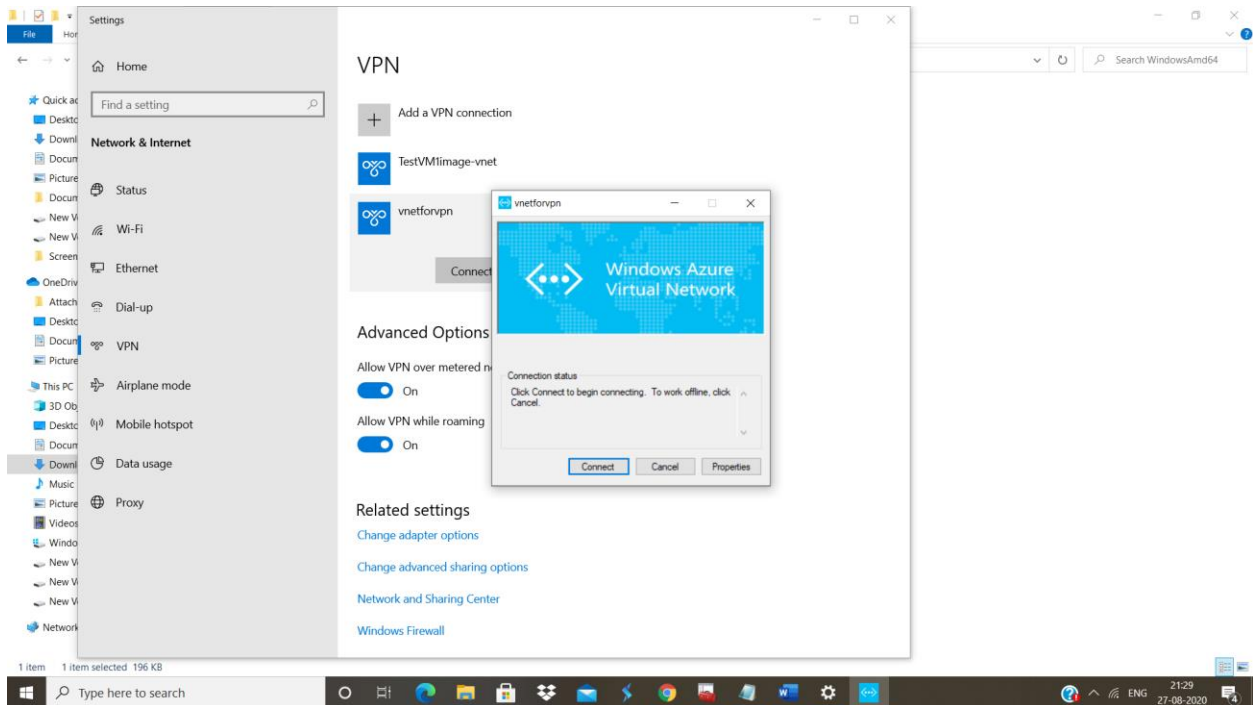


3 Create a Point to site VPN in west us location and try connect from your location laptop to azure data center.

I have created vpn1 in west us location and configure it as point to site.



Now I am able to connect azure data center using my location laptop



4 Create a two web applications and put the apps under traffic manager with Priority routing method

This is the first app named app1fordxc created using app service

The screenshot displays the Microsoft Azure portal interface for the web application 'app1fordxc'. The left-hand navigation pane includes sections for 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, and Authentication / Authorization. The main content area, titled 'Essentials', provides key information about the app: Resource group (change) is 'appservice', Status is 'Running', Location is 'Central US', Subscription (change) is 'Free Trial', and Subscription ID is 'a7b0db54-0cb5-46ab-a28c-bc03dd36e26c'. It also lists the URL as 'https://app1fordxc.azurewebsites.net', App Service Plan as 'ASP-appservice-80d8 (P1v2: 1)', and FTP/deployment username as 'No FTP/deployment user set'. Below this, there are three diagnostic charts: 'Http 5xx' showing a range from 100 to 50, 'Data In' showing a range from 100B to 50B, and 'Data Out' showing a range from 100B to 50B. The bottom of the screen shows the Windows taskbar with various application icons and the system clock indicating 13:06 on 27-08-2020.

This is the second app named app2fordxc

The screenshot displays the Microsoft Azure portal interface for the web application 'app2fordxc'. The layout is identical to the first screenshot, showing the 'Essentials' section with the following details: Resource group (change) is 'appservice', Status is 'Running', Location is 'Germany West Central', Subscription (change) is 'Free Trial', and Subscription ID is 'a7b0db54-0cb5-46ab-a28c-bc03dd36e26c'. The URL is 'https://app2fordxc.azurewebsites.net', App Service Plan is 'ASP-appservice-8f94 (P1v2: 1)', and FTP/deployment username is 'No FTP/deployment user set'. The diagnostic charts for 'Http 5xx', 'Data In', and 'Data Out' are also present. The Windows taskbar at the bottom shows the system clock indicating 14:10 on 27-08-2020.

This is the traffic manager I have created and made those two apps available under traffic manager with Priority routing method.

The screenshot shows the Microsoft Azure portal interface. The left sidebar contains navigation options like 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, and Diagnostic settings. The main content area displays the 'trafficedemo' Traffic Manager profile. Under the 'Essentials' section, the following details are shown:

- Resource group: [trafficanager](#)
- Status: Enabled
- Subscription: [Free Trial](#)
- Subscription ID: a7b0db54-0cb5-46ab-a28c-bc03dd36e26c
- Tags: [Click here to add tags](#)
- DNS name: http://trafficedemo.trafficmanager.net
- Monitor status: Inactive
- Routing method: Priority

Below the essentials, there is a table of endpoints:

Name	Status	Monitor status	Type	Priority
endpoint1	Enabled	Stopped	Azure endpoint	1
endpoint2	Enabled	Stopped	Azure endpoint	2

5 Create a Backup solution for the Vm and assign a daily policy to the VM with 10 days retention period
I have created backup policy for vm with 10 days retention period.

The screenshot shows the Microsoft Azure portal interface for configuring a Backup policy. The left sidebar shows the 'Backup' section under 'westusvault'. The main content area displays the 'Backup policy' configuration window. The policy name is 'policyformbackup'. The backup schedule is set to 'Daily' at '10:00 PM' in the '(UTC+05:30) Chennai, Kolkata, ...' timezone. The 'Instant Restore' section shows 'Retain instant recovery snapshot(s) for 2 Day(s)'. The 'Retention range' section shows 'Retention of daily backup point' with 'At 10:00 PM' and 'For 10 Day(s)'. The 'Retention of weekly backup point' and 'Retention of monthly backup point' are both set to 'Not Configured'. The 'OK' button is visible at the bottom of the configuration window.

I have created backup for VM virtual machine. The image is as follows.

The screenshot shows the Microsoft Azure portal interface. The breadcrumb navigation is "Home > VM1 | Backup". The page title is "Backup jobs". Below the title, there are links for "Choose columns", "Filter", "Export jobs", "Refresh", and "View jobs in secondary region". A filter bar indicates the current view: "Filtered by: Item Type - All item types, Operation - All Operations, Status - All Status, Start Time - 8/23/2020, 5:46:00 PM, End Time - 8/24/2020, 5:46:00 PM". A message box states "Completed fetching data from the service." Below this is a table with the following data:

Workload name	Operation	Status	Type	Start time	Duration	
vm1	Backup	Completed	Azure virtual machine	8/24/2020, 5:20:19 PM	00:51:17	***
vm1	Configure backup	Completed	Azure virtual machine	8/24/2020, 5:14:27 PM	00:00:31	***

6 Replicate the VM from west us to any location using failover

I have created replication for VM in WEST US location using failover

The screenshot shows the Microsoft Azure portal interface for the "Failover" settings of a VM. The breadcrumb navigation is "Home > vaultforreplication > VM1". The page title is "Failover". Under "Failover direction", the "From" location is "West US(Zone null)" and the "To" location is "East US 2(Zone null)". Under "Recovery Point", the "Choose a recovery point" dropdown is set to "Latest app-consistent (8/27/2020, 5:26...)". A checkbox labeled "Shut down machine before beginning failover." is checked. At the bottom, there are "OK" buttons.

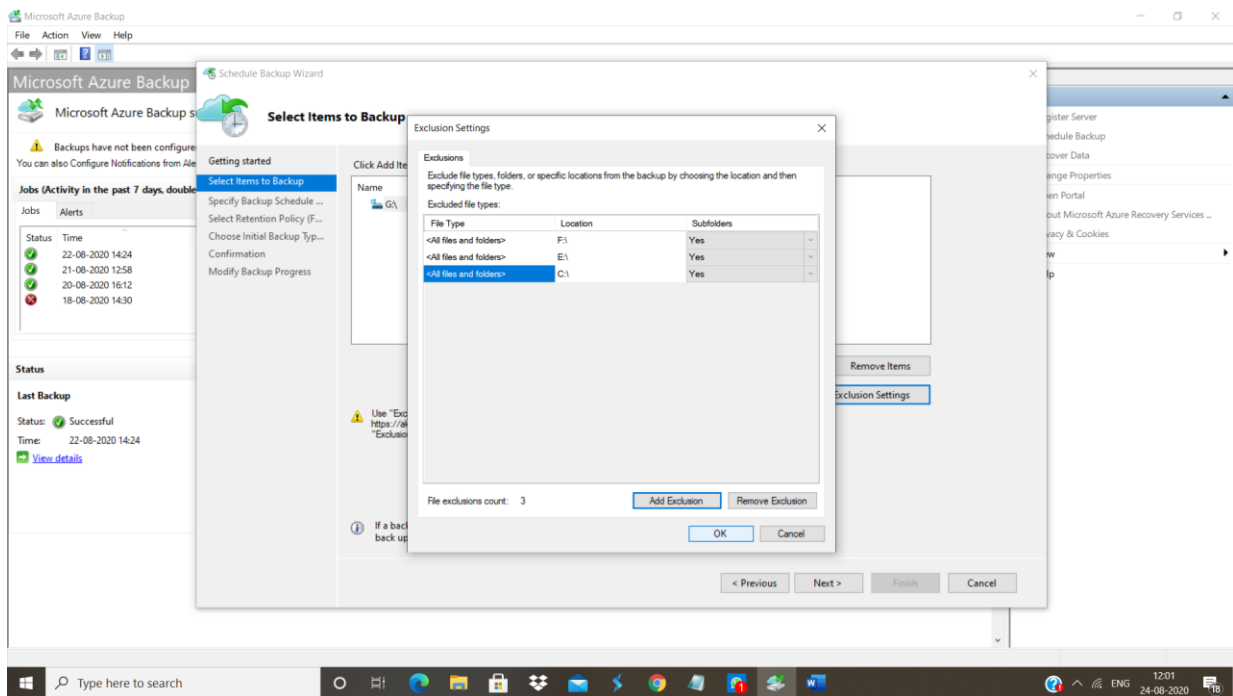
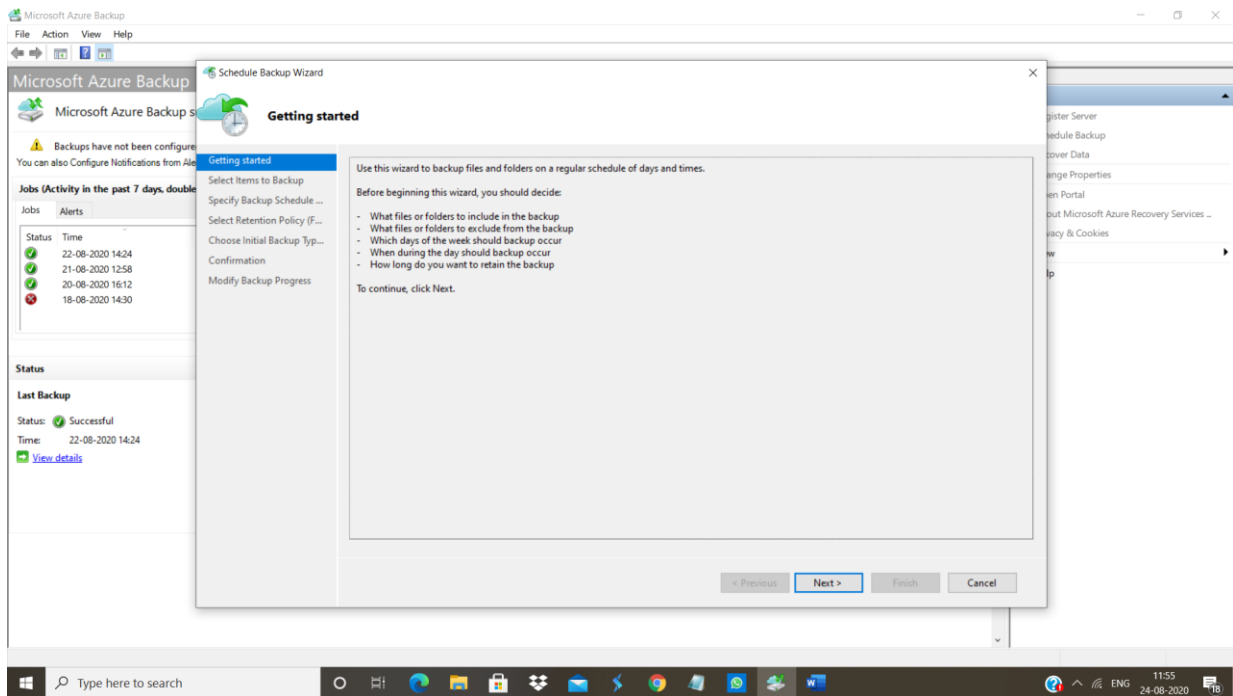
The VM gets created in target location which is EAST US 2. The image is as follows.

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the 'Virtual machines' section. Below the navigation bar, there's a table listing virtual machines. The table has columns for Name, Type, Status, Resource group, Location, Source, Maintenance status, and Subscription. Five VMs are listed: VM1 (Running, East US 2), VM2 (Stopped, West US), VM3 (Stopped, East US), VM4 (Stopped, East US), and VM5 (Stopped, East Asia). The VM1 is highlighted with a blue checkmark.

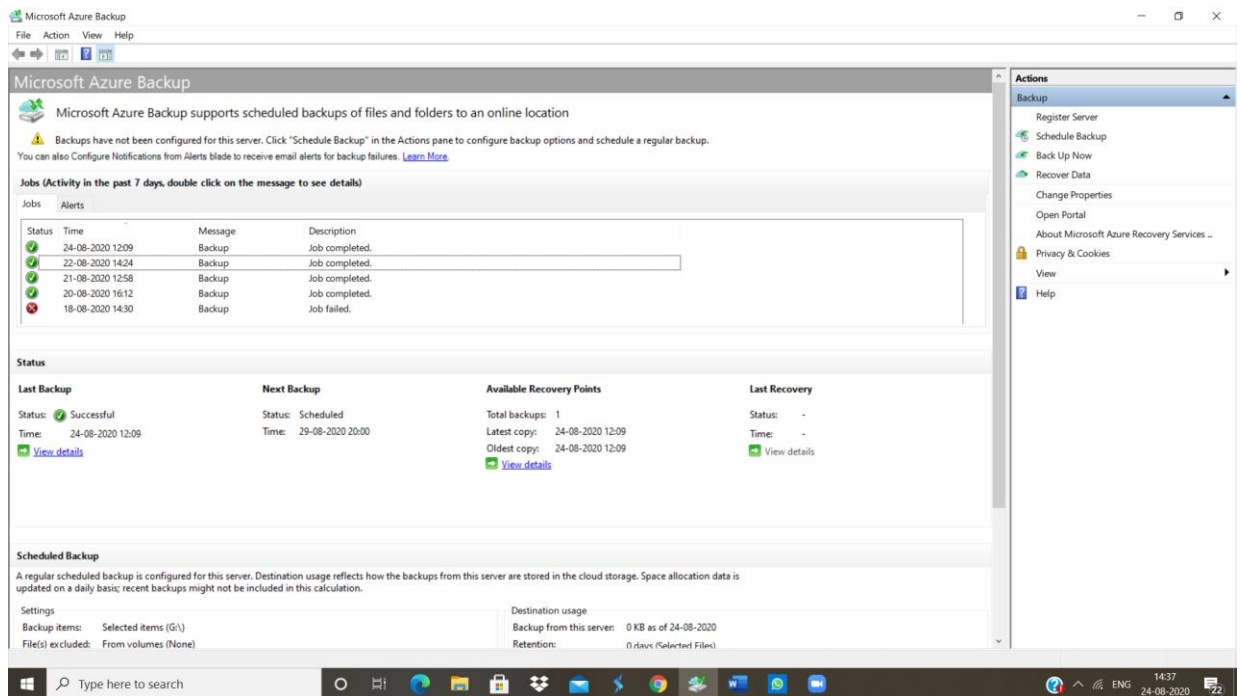
Name	Type	Status	Resource group	Location	Source	Maintenance status	Subscription
VM1	Virtual machine	Running	VM-asr	East US 2	Disk	-	Free Trial
VM2	Virtual machine	Stopped (deallocated)	vm	West US	Marketplace	-	Free Trial
VM3	Virtual machine	Stopped (deallocated)	VM	East US	Marketplace	-	Free Trial
VM4	Virtual machine	Stopped (deallocated)	VM	East US	Image	-	Free Trial
VM5	Virtual machine	Stopped (deallocated)	VM	East Asia	Marketplace	-	Free Trial

7 Take a on-premises backup using backup agent and exclude test folder from any drive

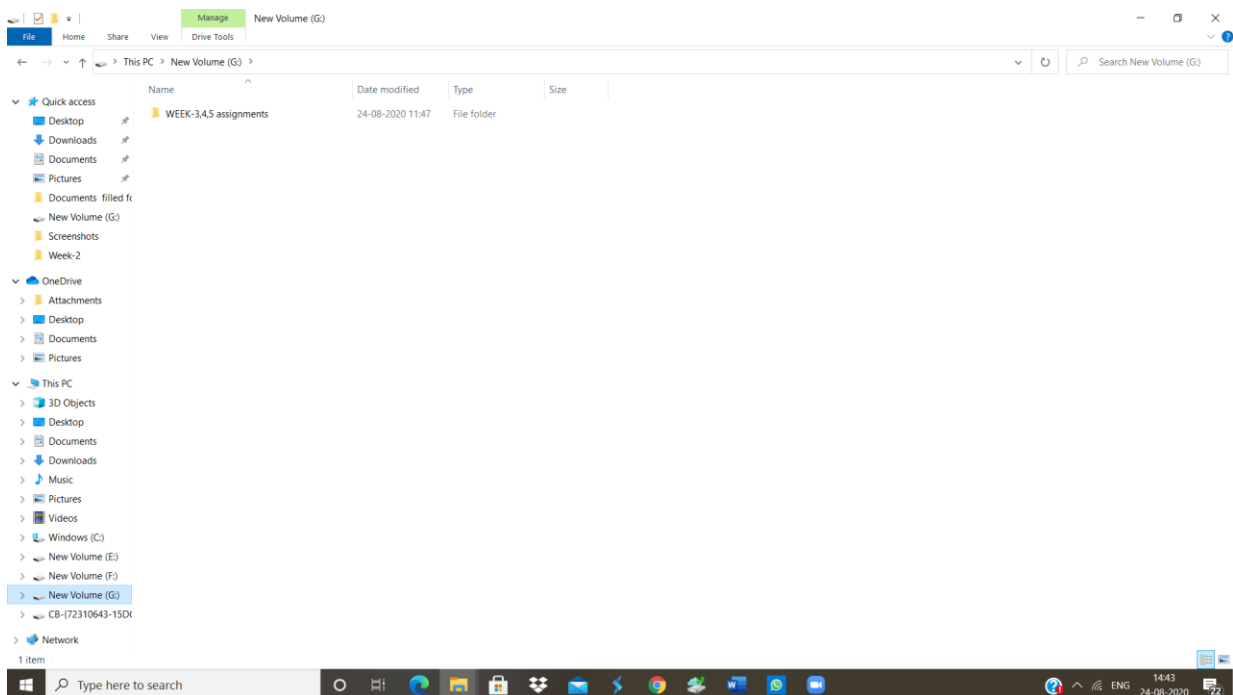
The screenshot shows the Westusvault Backup configuration page. The page has a left sidebar with navigation options: Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Settings, Identity, Private endpoint connections, Properties, Locks, Export template, Getting started, Backup, Site Recovery, Protected items, and Backup items. The main content area is titled 'westusvault | Backup' and contains a form for configuring the backup. The form has two sections: 'Where is your workload running?' with a dropdown menu set to 'On-Premises', and 'What do you want to backup?' with a dropdown menu set to 'Files and folders'. Below these sections is a 'Step: Prepare Infrastructure' section with a 'Prepare Infrastructure...' button. A warning message at the top states: 'The storage replication is set to Geo-redundant. This option cannot be changed later. Before proceeding further, click here. →'.



I have taken the backup.



I deleted everything excluding one folder.



After that I get back all the files that are deleted.

