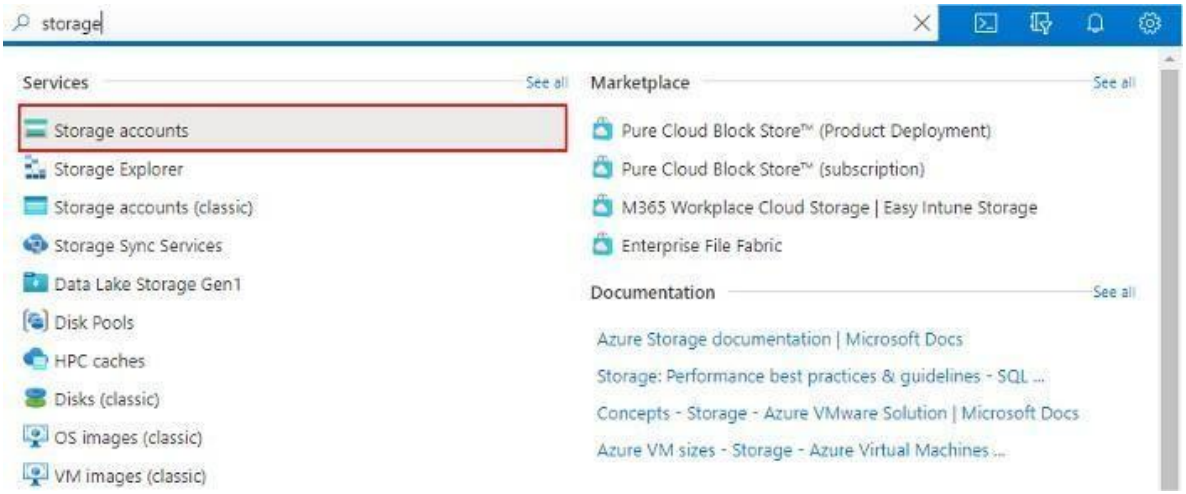
Azure Storage Basic Hands-On

By Ankit Ranjan

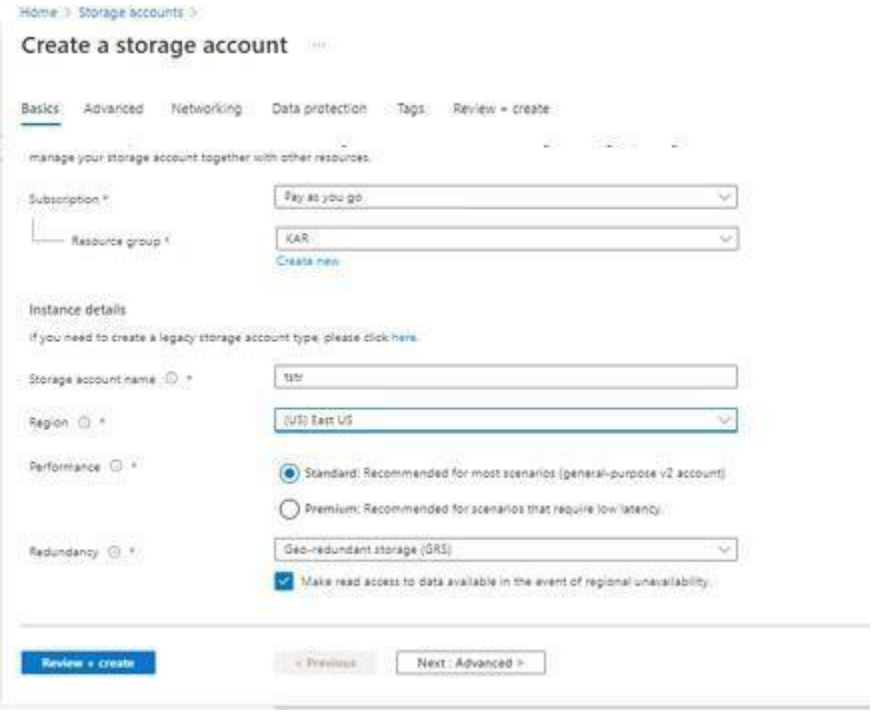
Creating a Storage Account

Step 1: Go to the search bar and search for storage accounts and click on the service

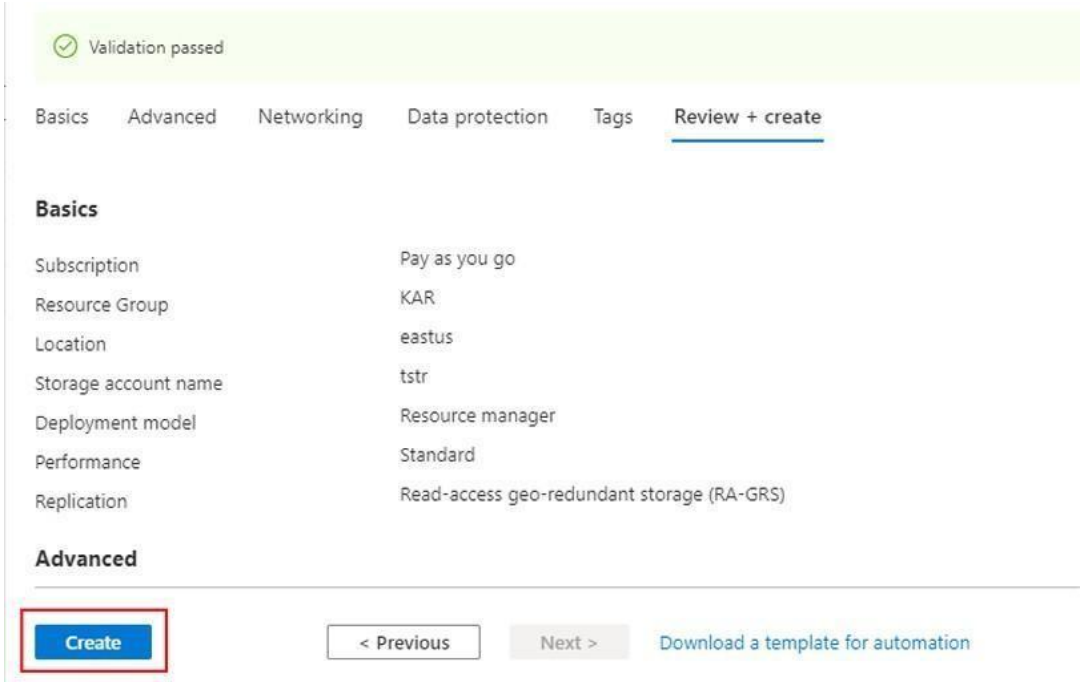


Step 2: Click on Create to create a new storage account

Step 3: Fill in the details and click on Review and Create

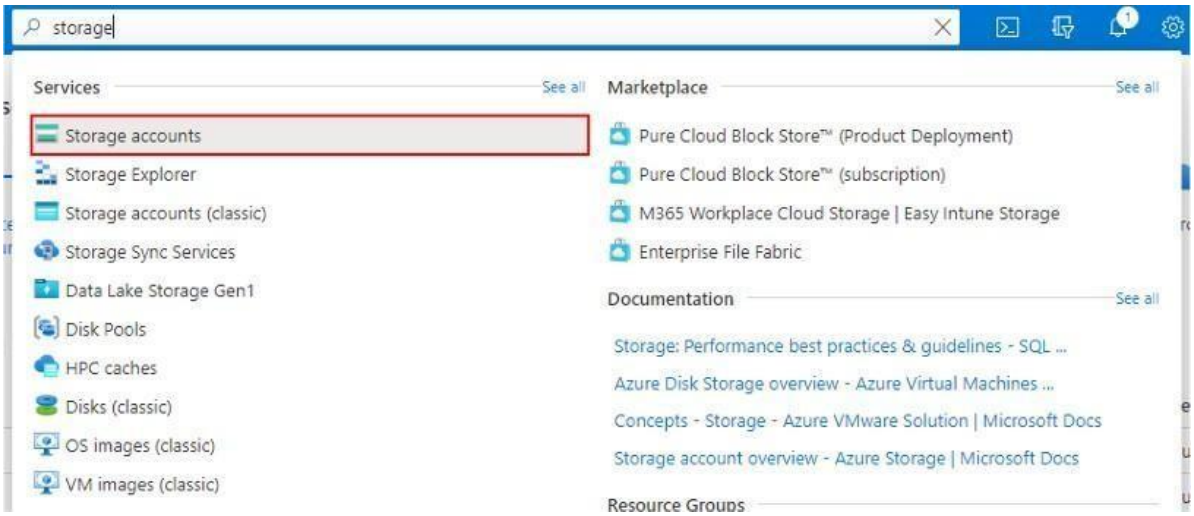


Step 4: Once the validation has passed, click on Create and the storage account will be created

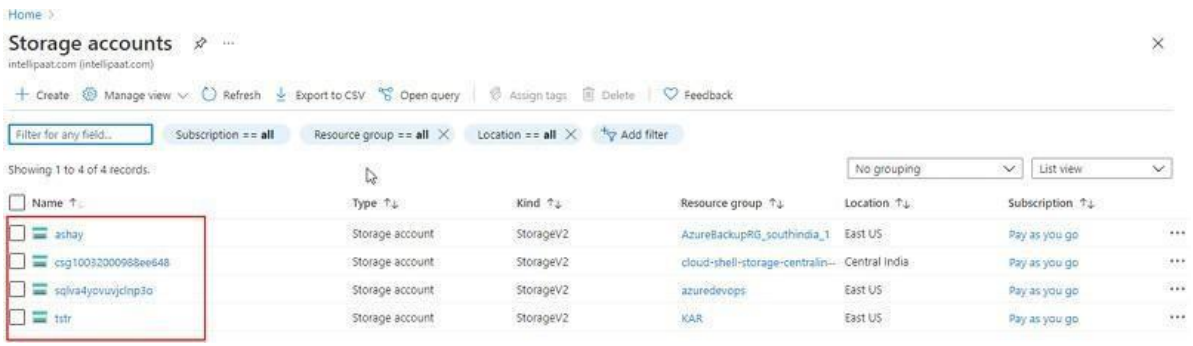


Hands-On: Accessing Storage AccountUsing Azure Portal

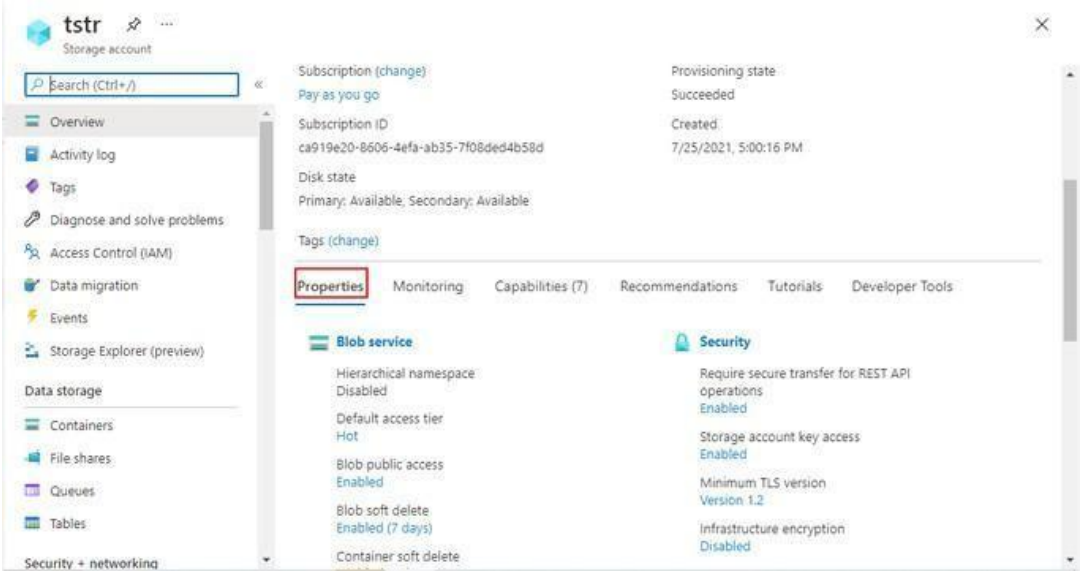
Step 1: Go to the search bar and search for storage accounts and click on the service



Step 2: Select the storage account of your wish

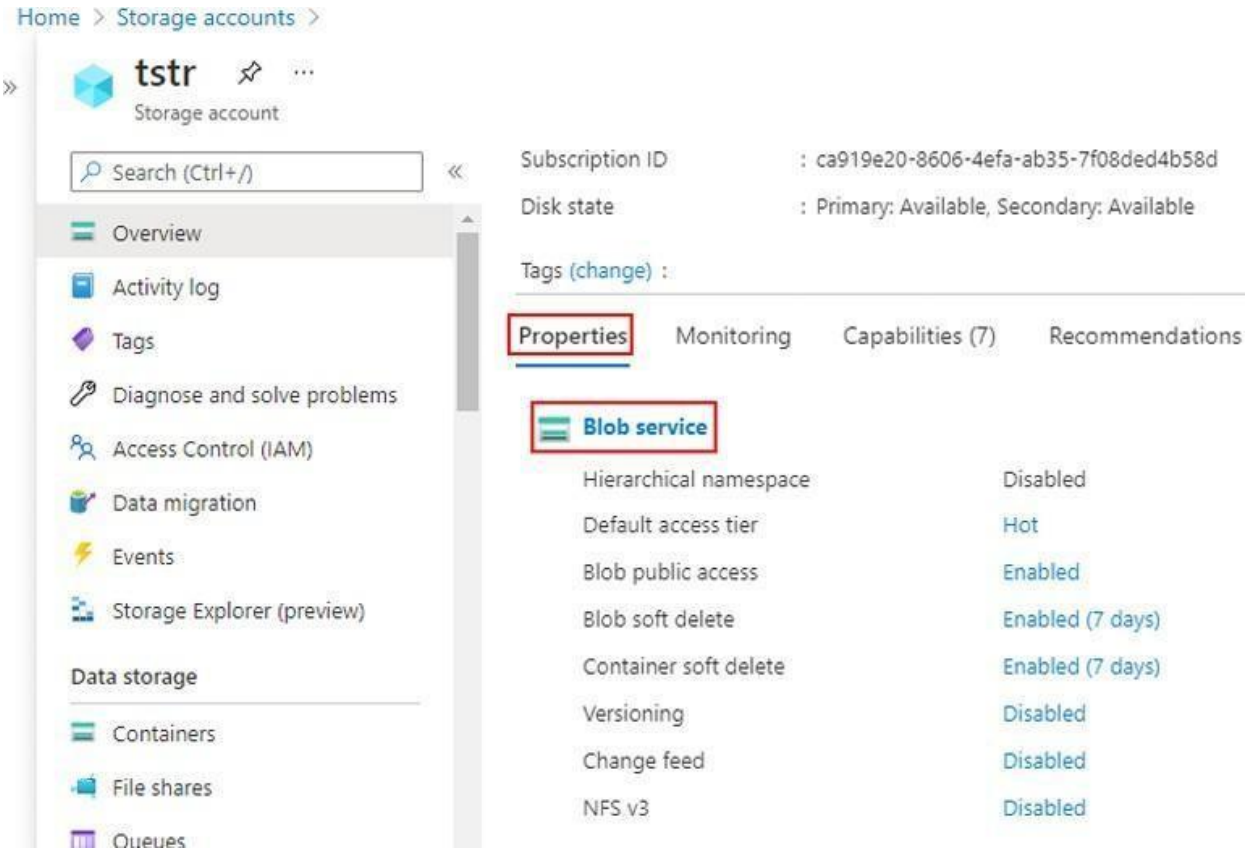


Step 3: Scroll down a little bit and under properties, you can find different kinds of storage services, Security, File service, Networking, Queue service and Table service

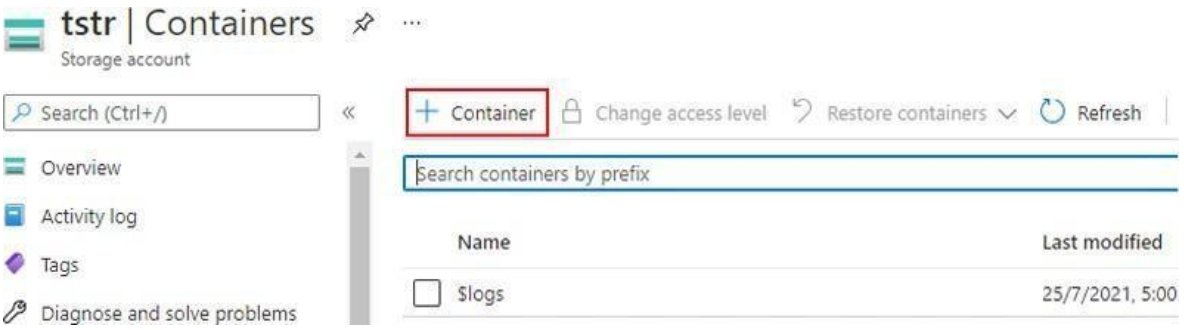


Hands-On: Create and Configure Azure Blob Storage

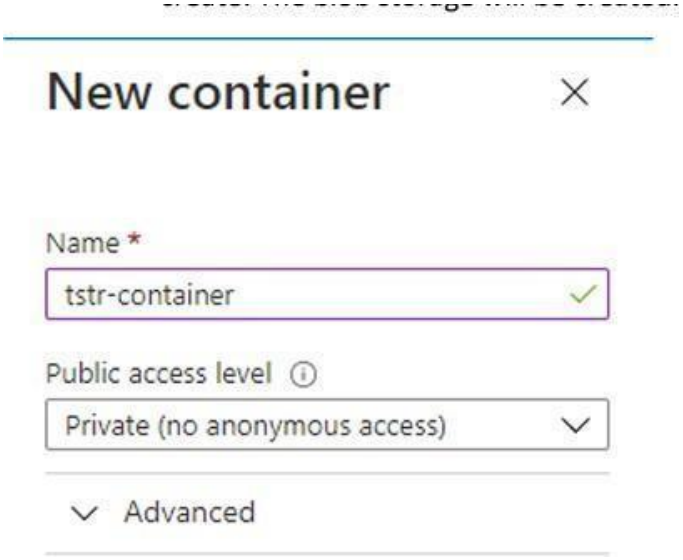
Step 1: Select the storage account of your choice, scroll down and under properties select Blob service



Step 2: Click on the +Container to create a new container

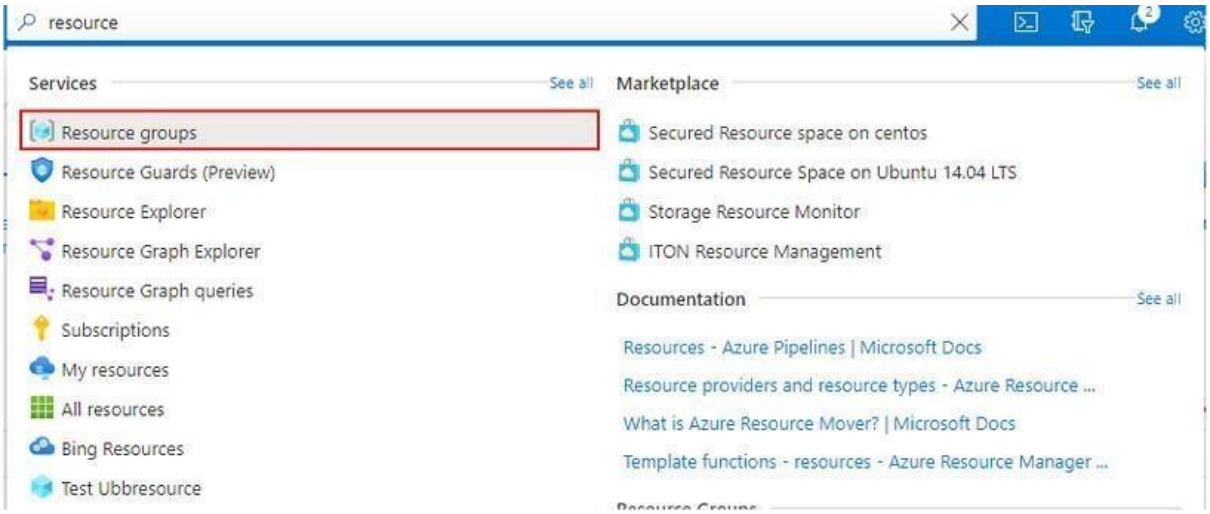


Step 3: Put in the name of your choice and give the type of access. The Blob storage will be created

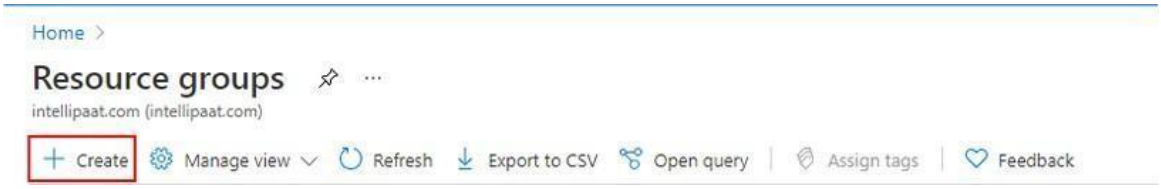


Hands-On: Move Resource From One Resource Group to Another

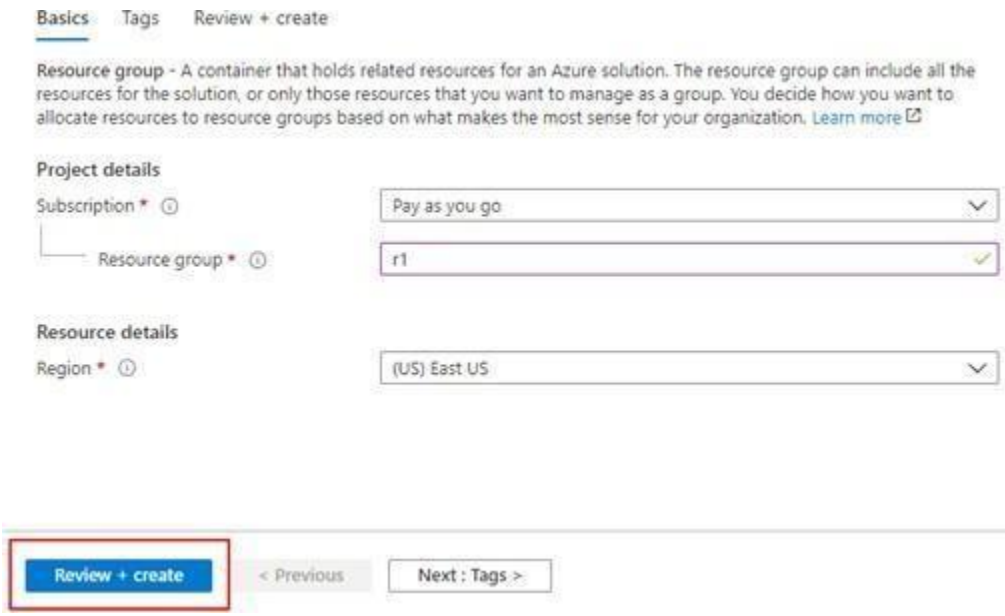
Step 1: Go to search tab, search for resource groups and select the service



Step 2: Click on create to create a new resource group

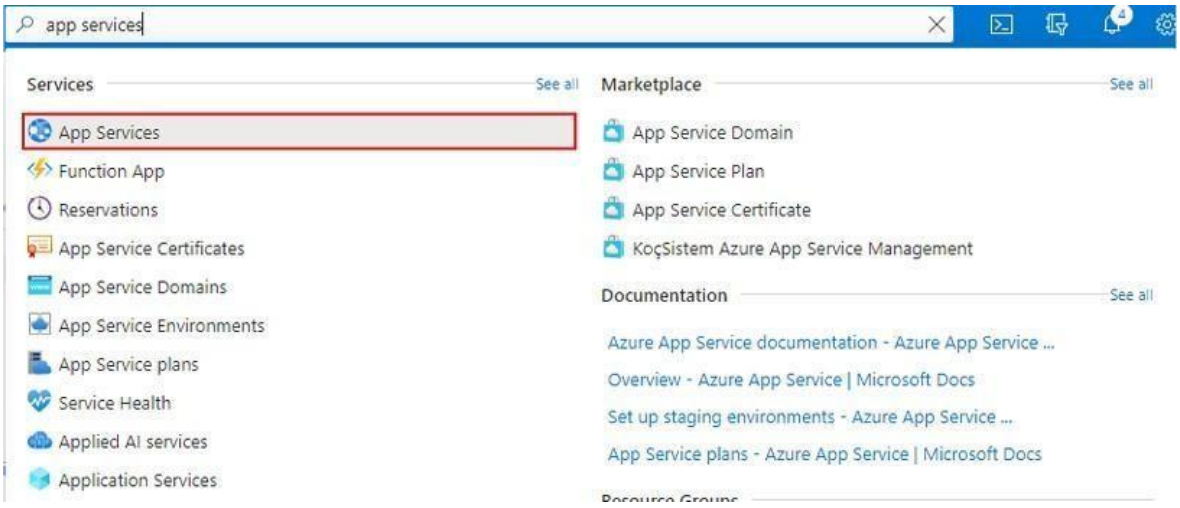


Step 3: Give the name of the resource group. Then click on Review + create

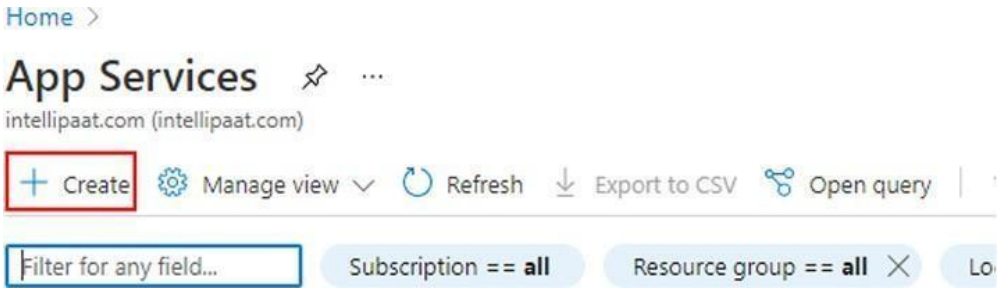


Step 4: Repeat the steps 1, 2 and 3

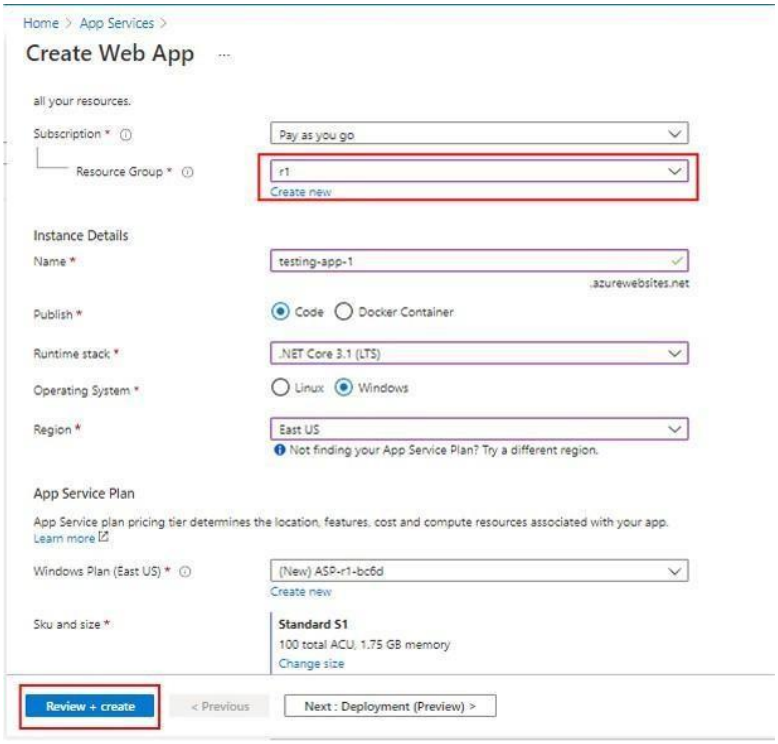
Step 5: Go to the search bar, search for app services and select the service



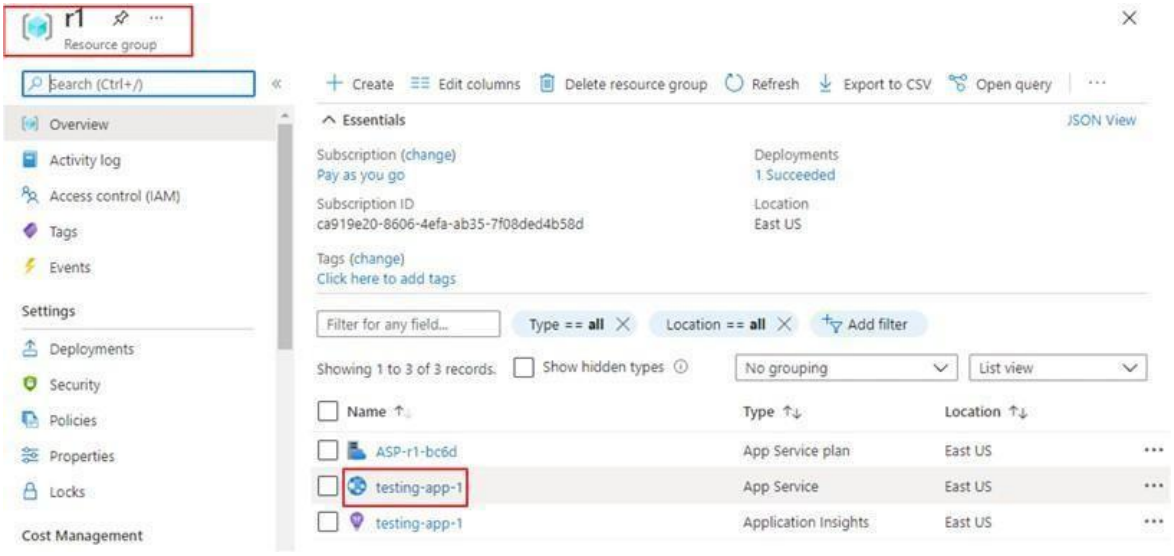
Step 6: Click on create to create a new app service



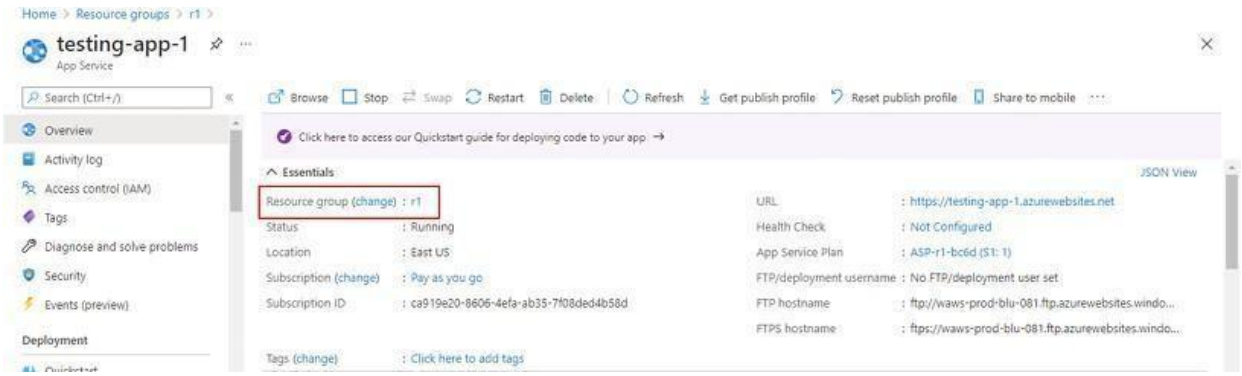
Step 7: Fill in the details. In the resource group, remember to give the name of the first resource group that you created. Then click on Review + create



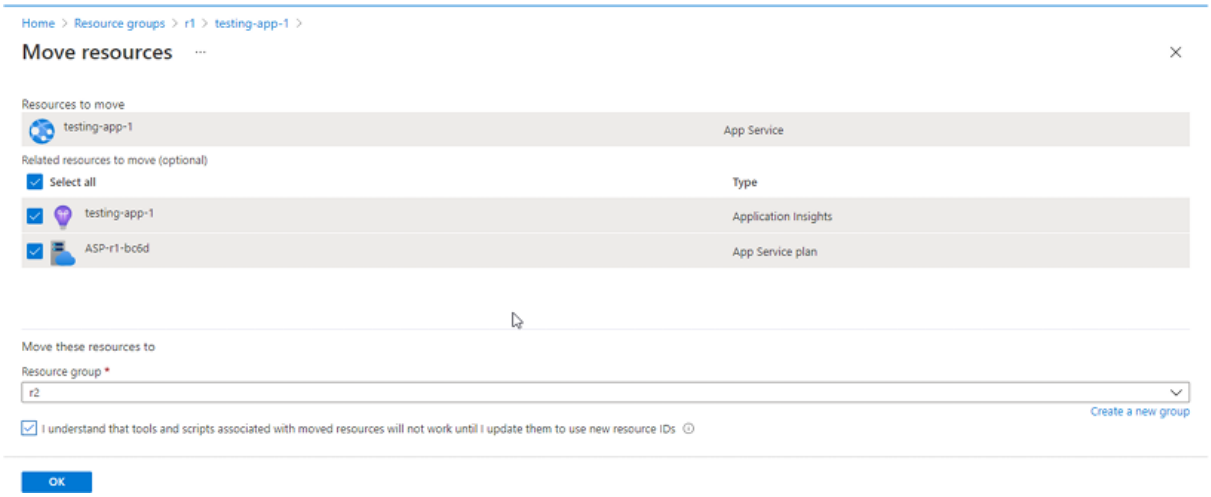
Step 8: Go to the first Resource group. You will find the app service which you created. Click on the app



Step 9: Here, you will find a change option under the resource group. Click on it

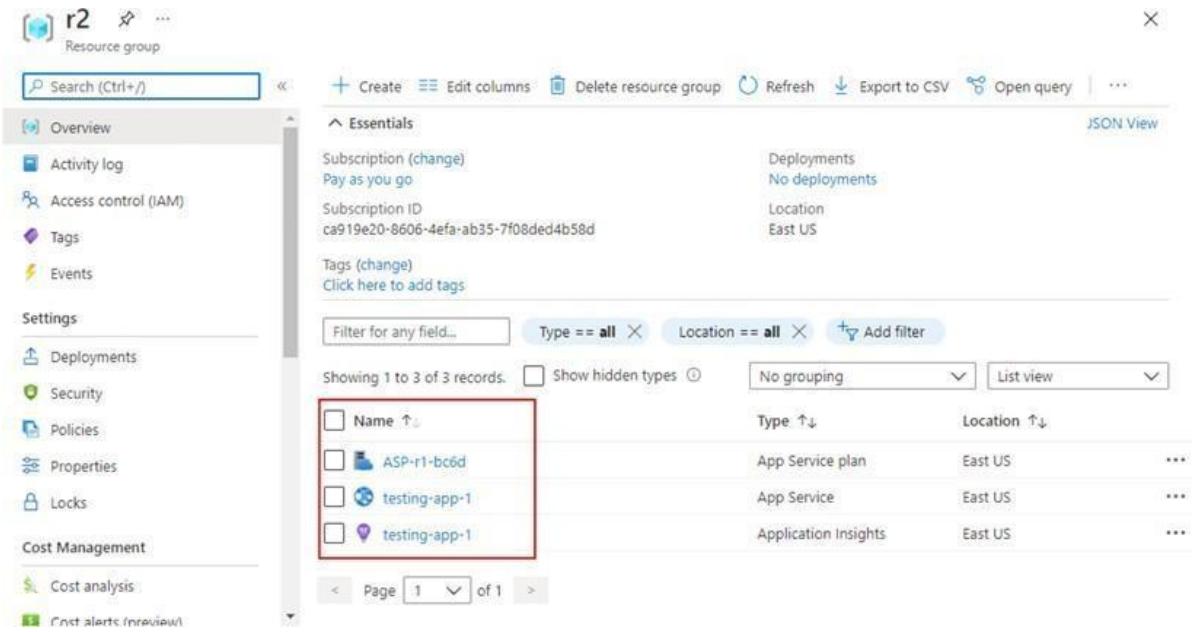


Step 10: Select all the resources related to the app service. Type in the name of the second resource group which you created at step 4. Tick the box and click on OK.



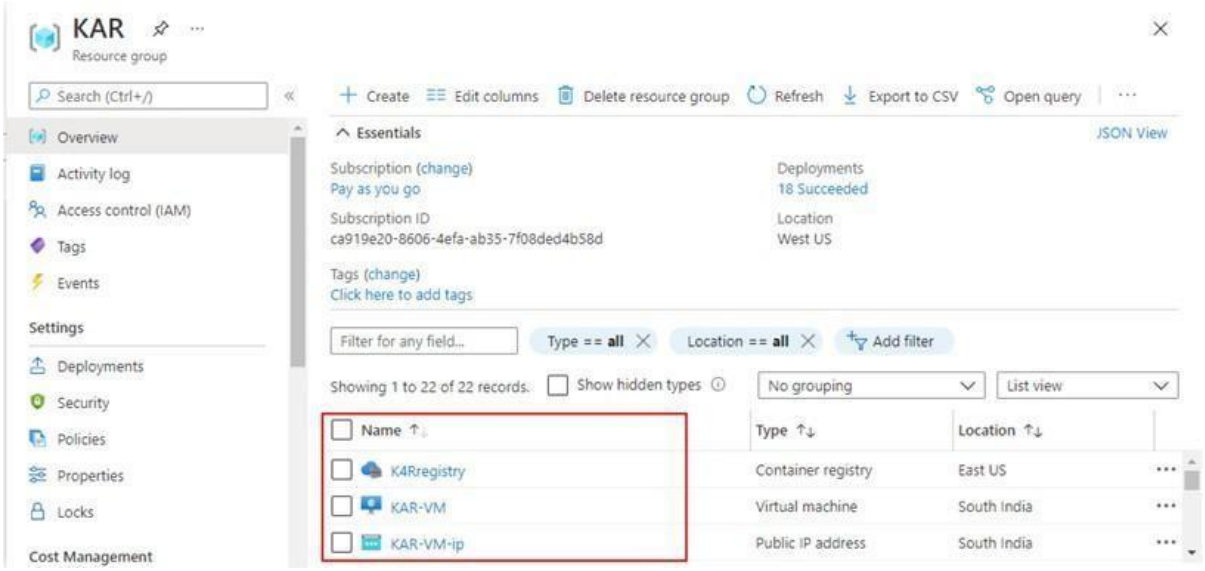
Step 11: Wait for the resources to move to the second resource

Step 12: Go to the second resource and you will find the app services made shifted to the second resource group

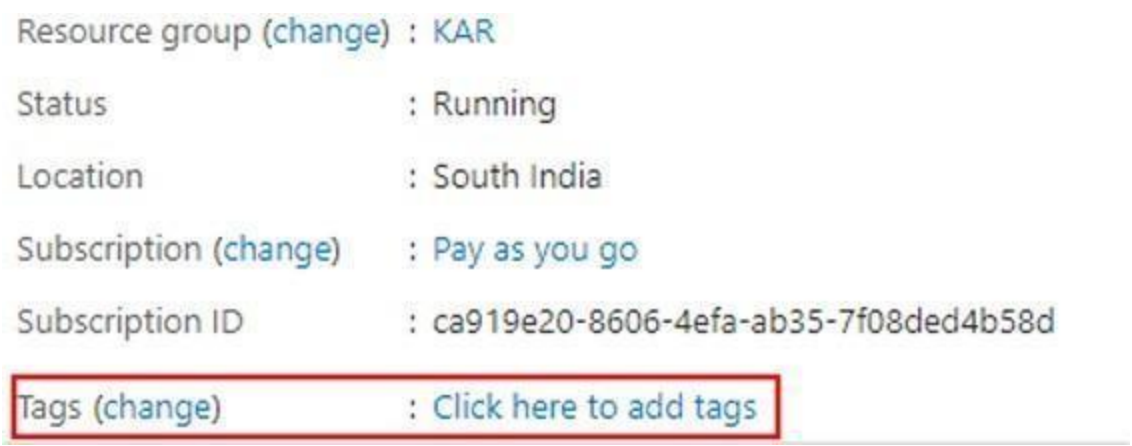


Hands-On: Creating and Applying Tags

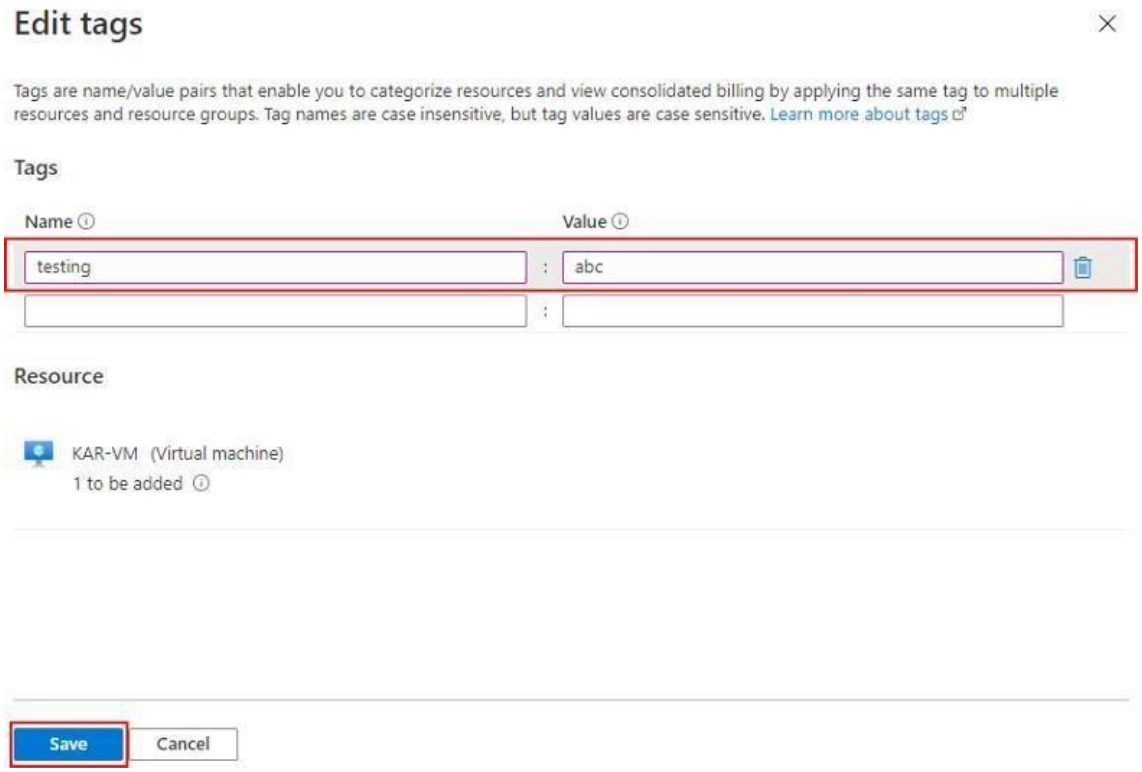
Step 1: Go to the resource group of your choice. Select one of the resources.



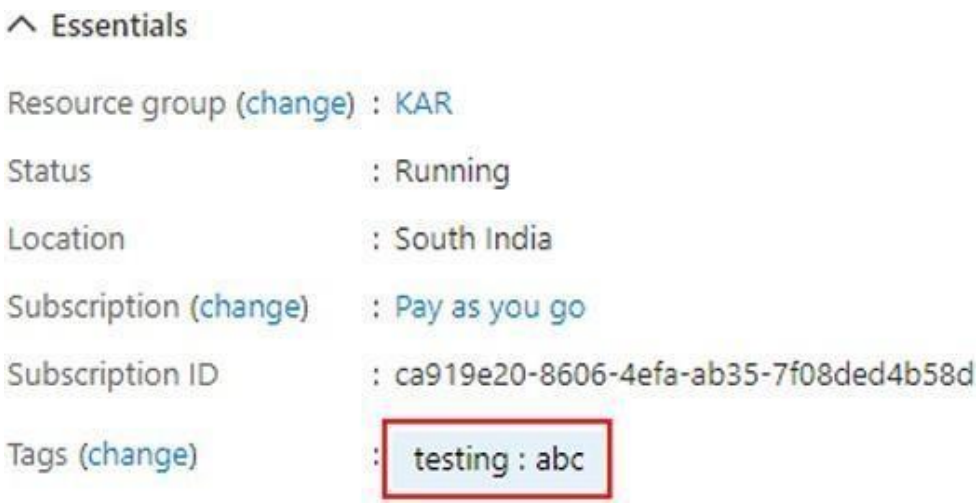
Step 2: Here, you will find the option of Tags. Click on Click here to add tags.



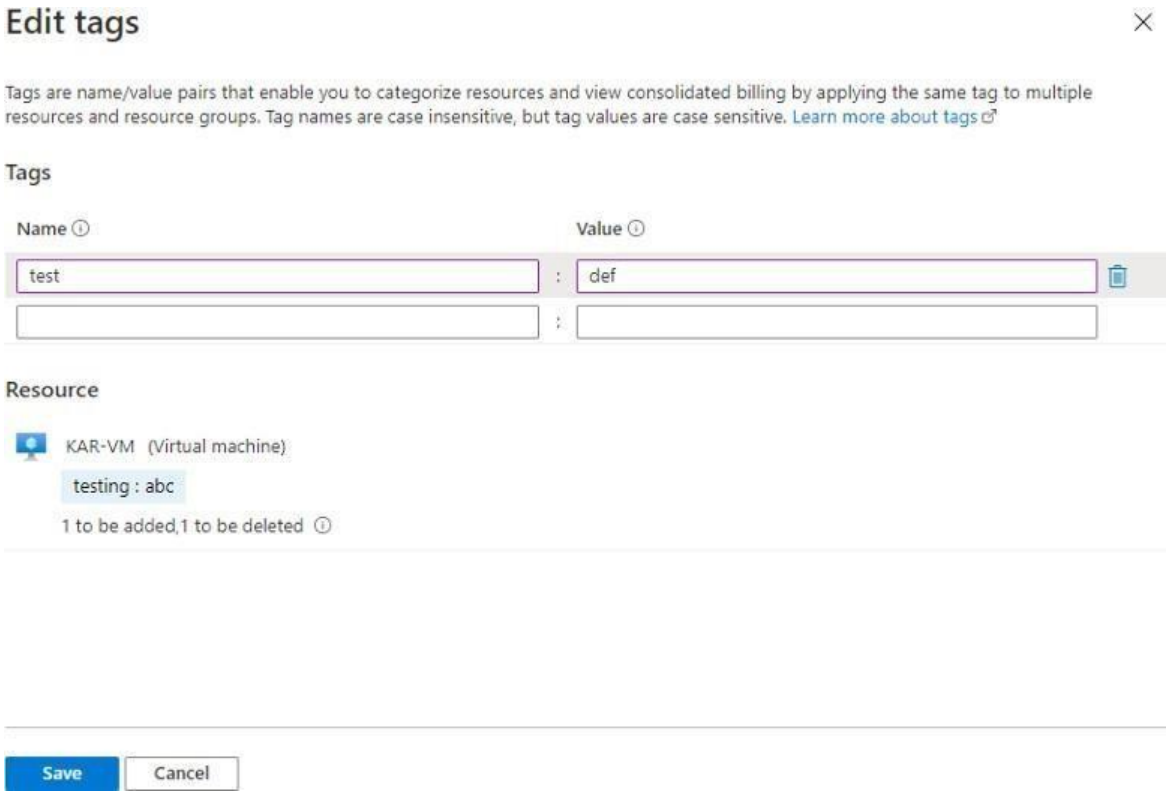
Step 3: Put in the Name and Value and click on Save



Step 4: You will find that the tags have changed



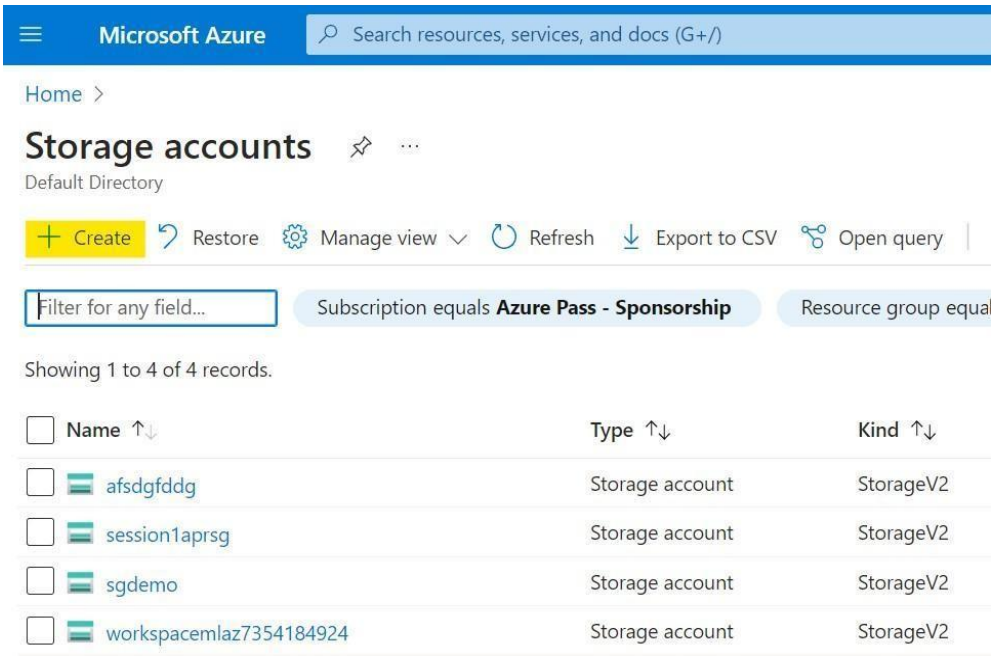
Step 5: Click on change which is beside the Tags. Change the previous ones to the new Name and Value. Then, click OK.



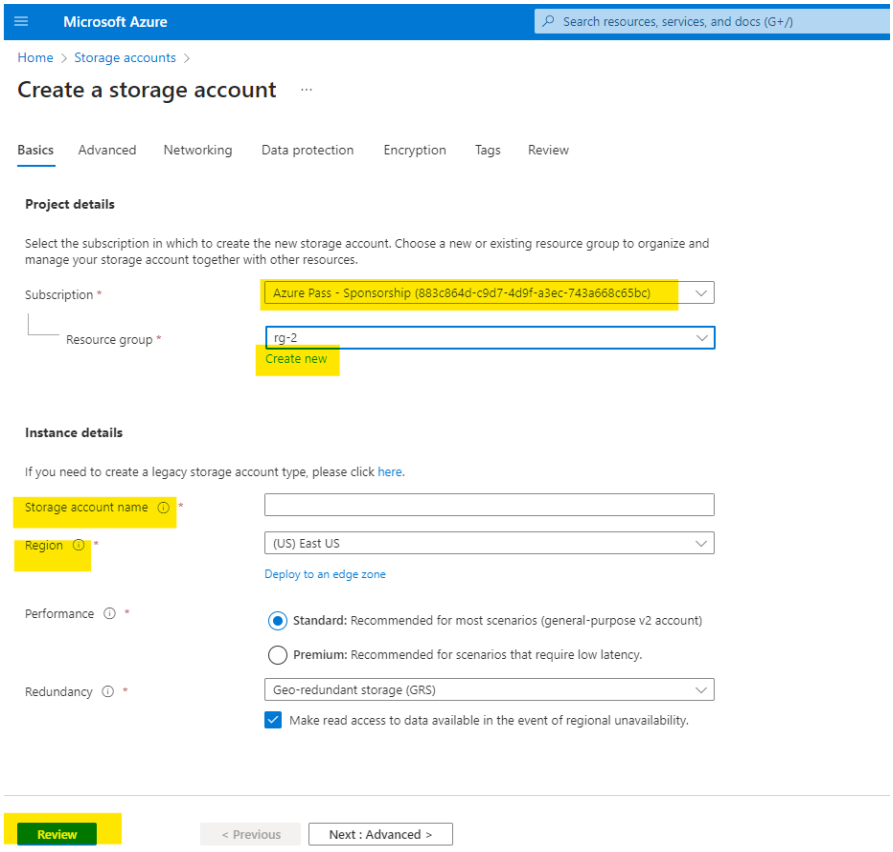
Step 6: You will find that the tags have changed to the new ones

Hands-On:Create File Share

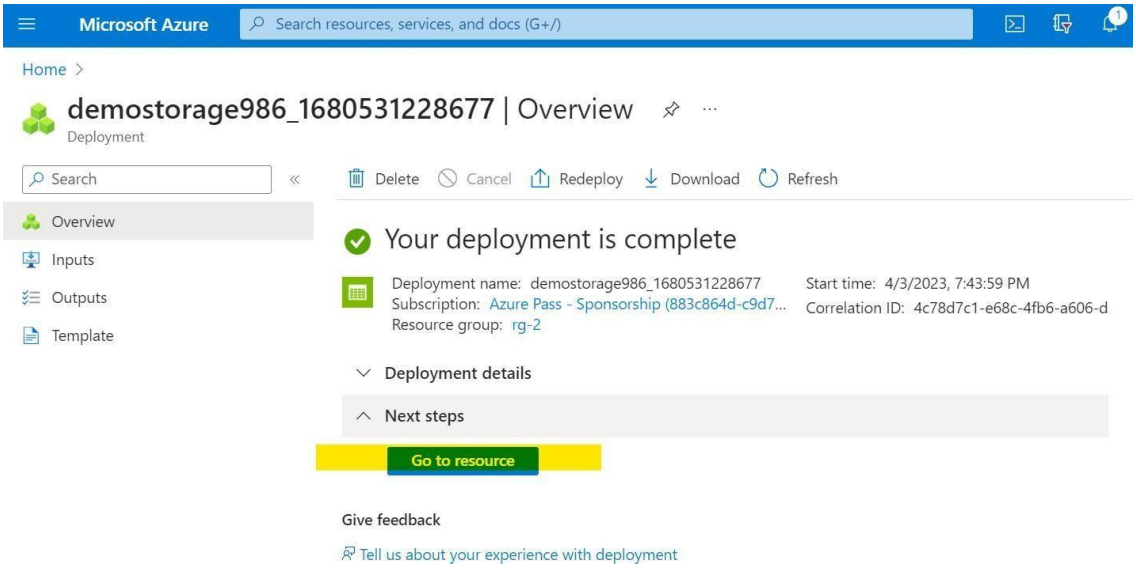
Step 1: Create a storage account, click on Create.



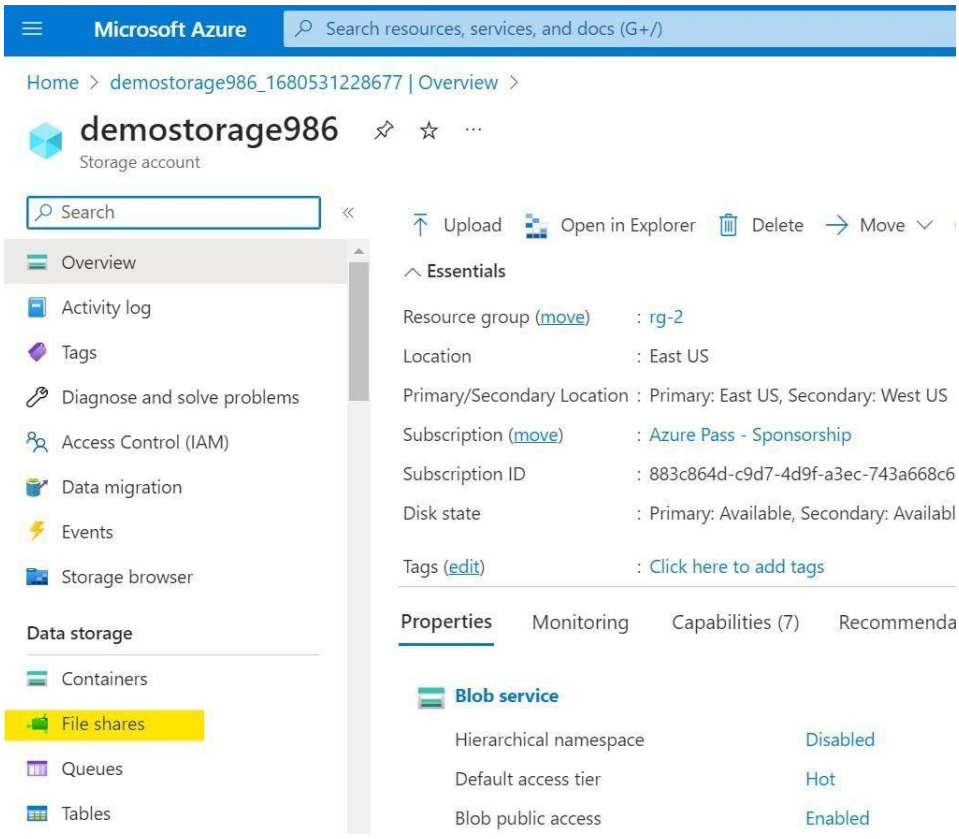
Step 2: Fill the details and then review and create



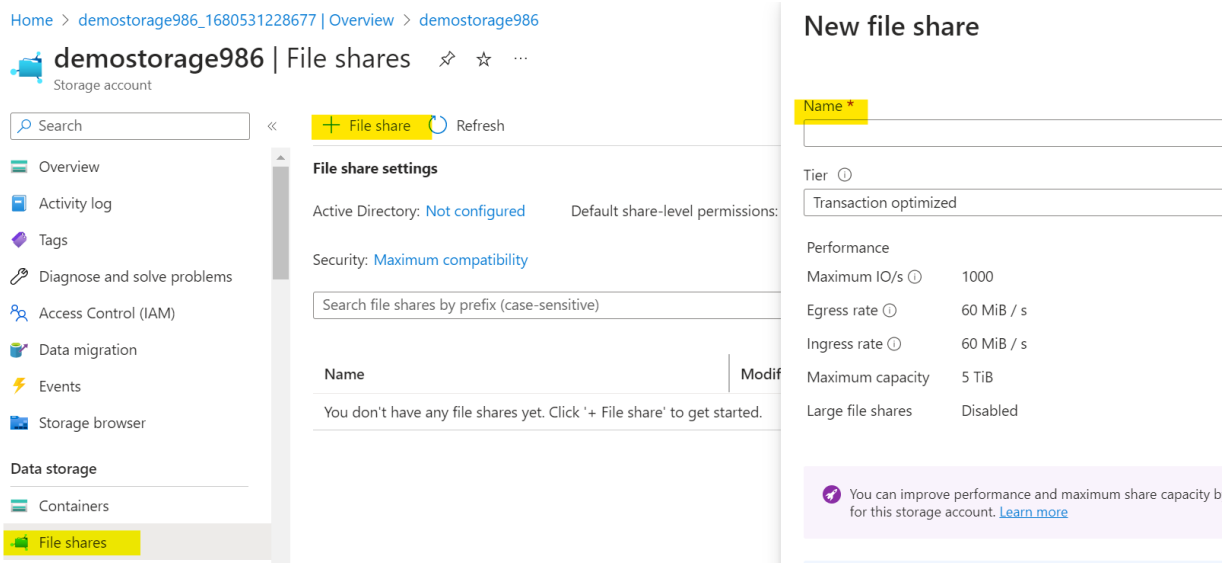
Step 3: After deployment, click on Go to resource



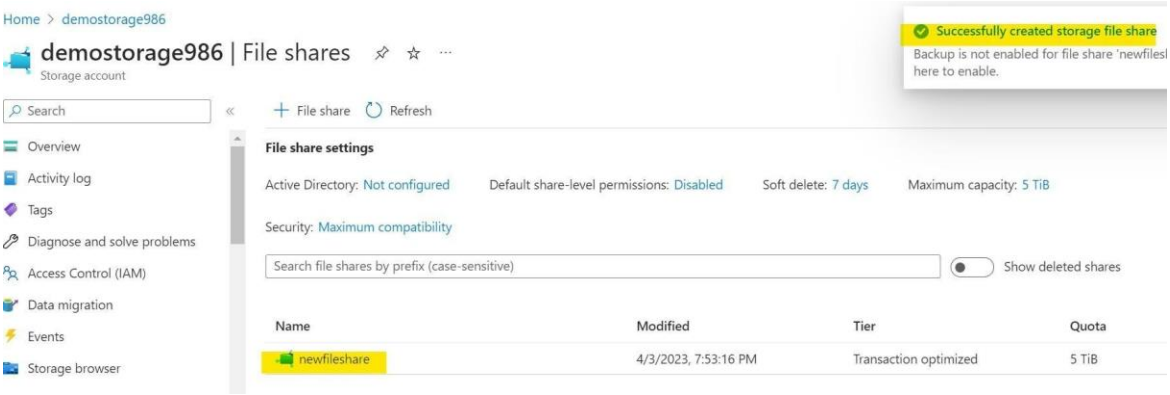
Step 4: In the left pane, click on file share. There you have to create a file share.



Step 5: Click on Create, give the file share name and below click on Create

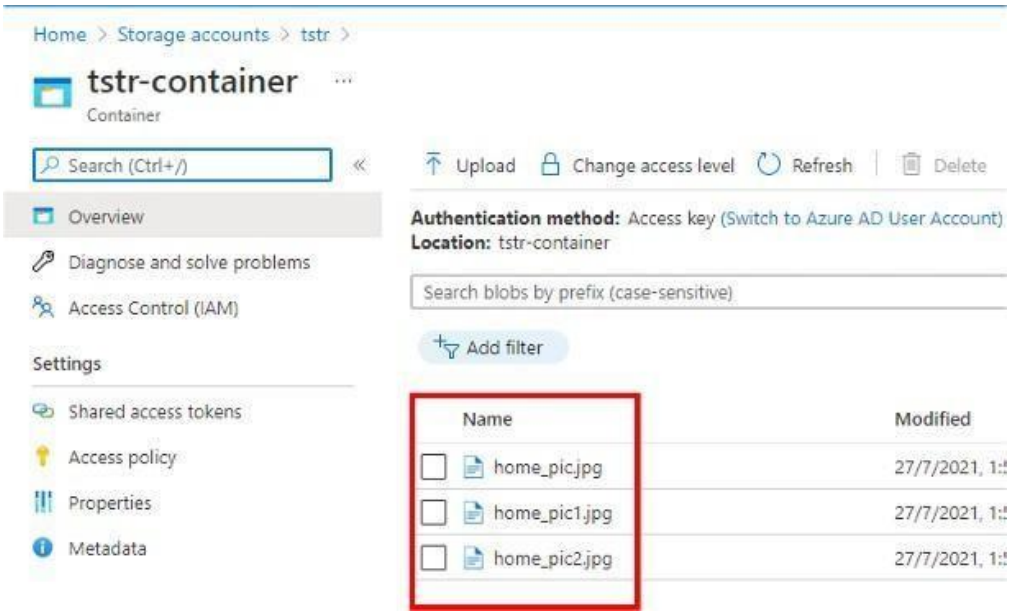


Step 6: It gets created. Now you can upload some files in it. You have the option to upload



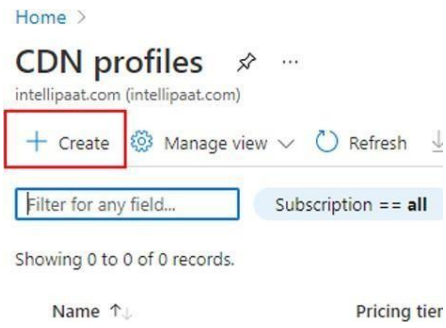
Hands-On: Creatingand Using Azure CDN Endpoints

Step 1: Create a Blob storage with a few files uploaded in it. If you do not know how to make it, look into the previous Hands-Ons.

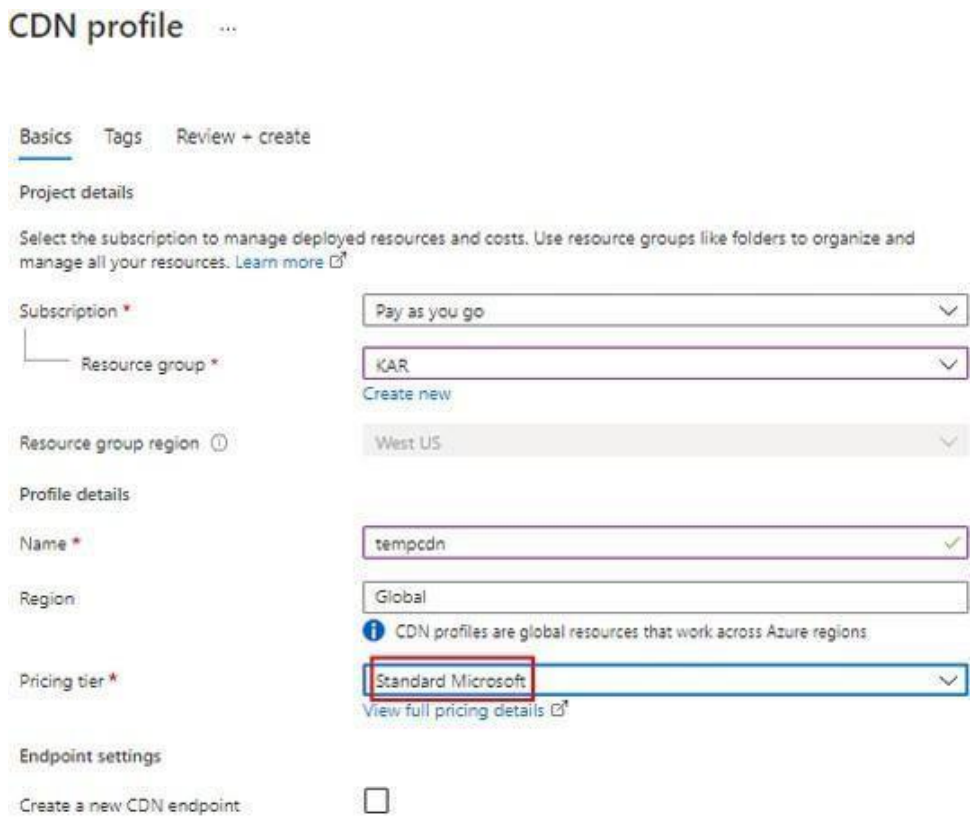


Step 2: Go to the search bar and search for CDN profiles. Click on the service

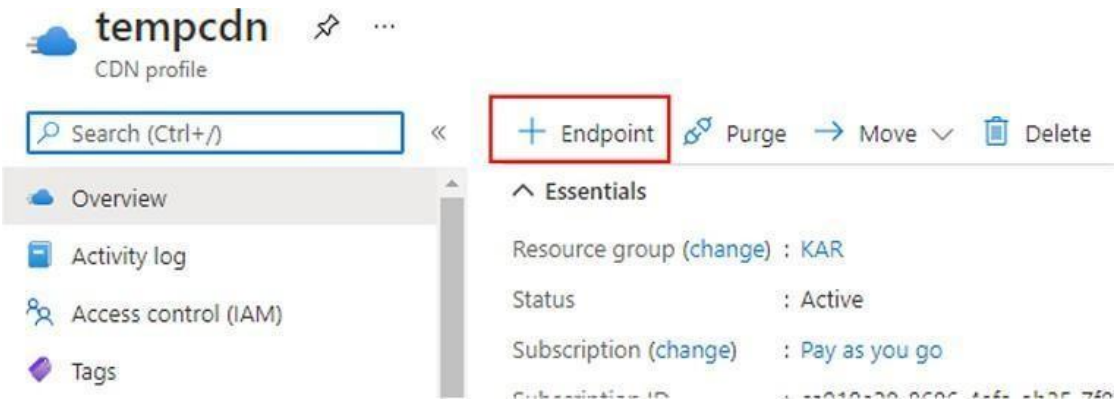
Step 3: Click on the Create option to create a new CDN Profile



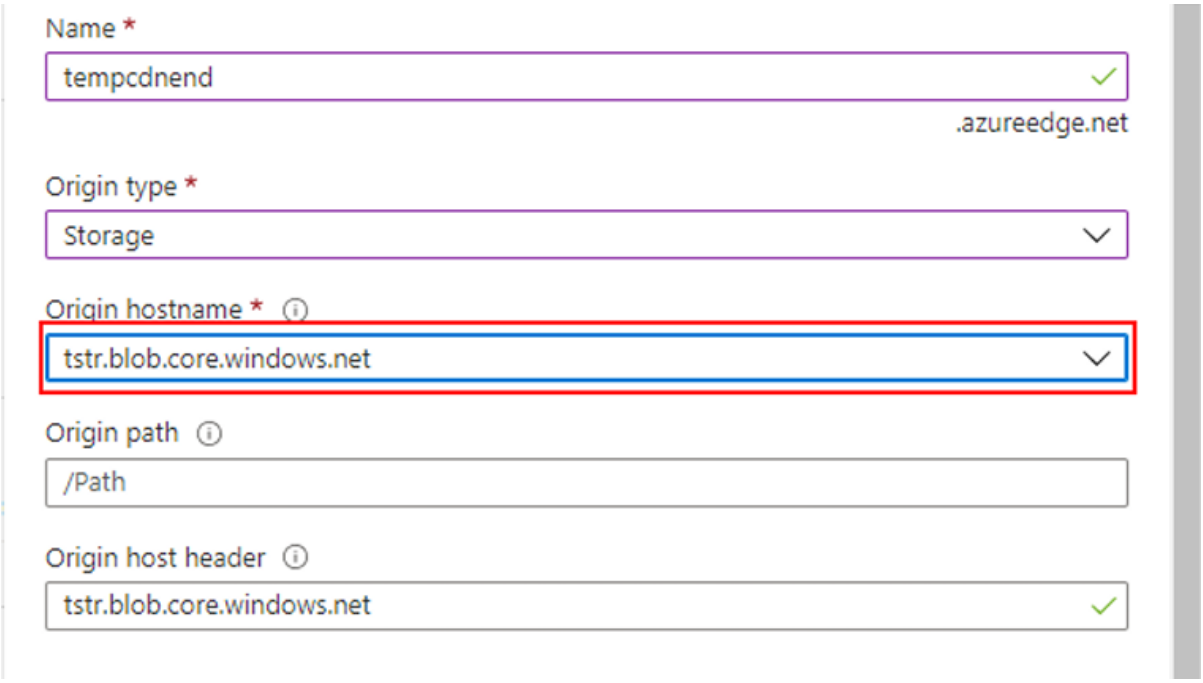
Step 4: Set the pricing tier as Standard Microsoft. Then click, Review + Create



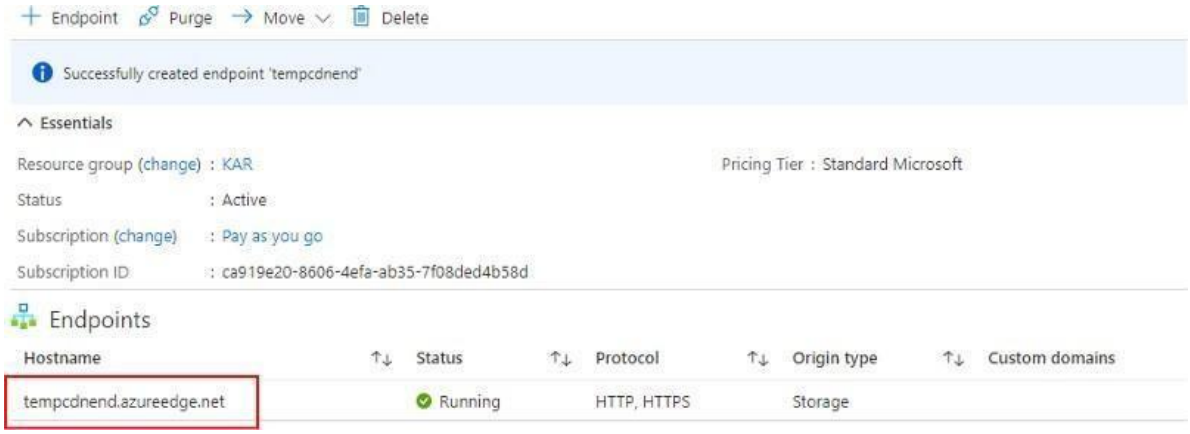
Step 5: Go into the created CDN profile and click on Endpoint



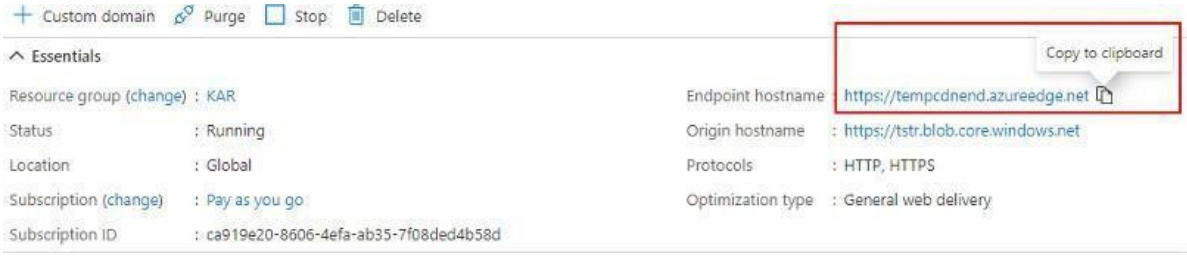
Step 6: Fill in the details. Remember to fill the related Blob storage under Add



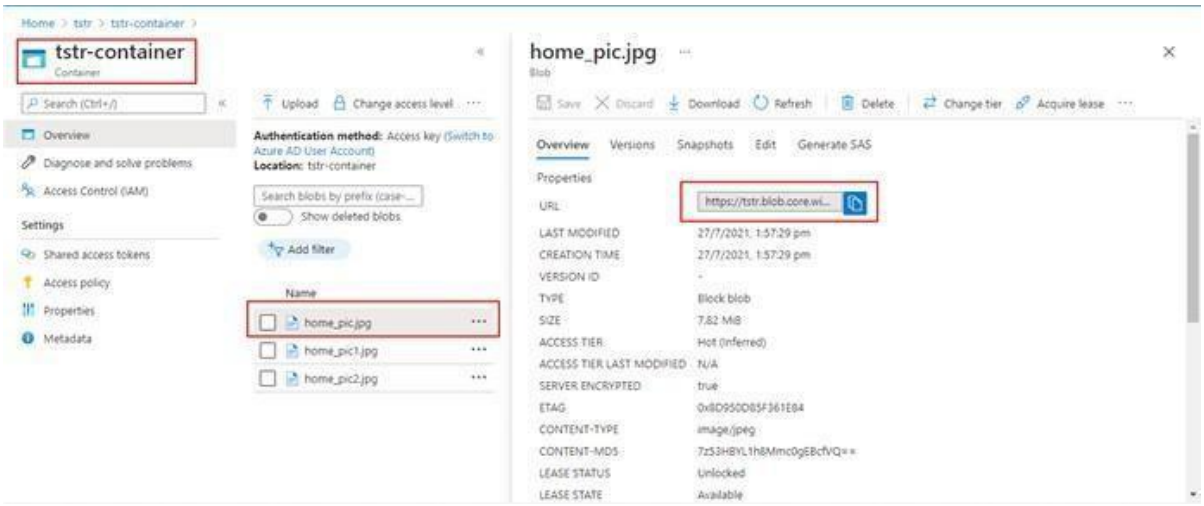
Step 7: Click on the created Endpoint



Step 8: Copy the Endpoint hostname to the clipboard



Step 9: Go to the Blob storage and copy to clipboard the URL of one of the files

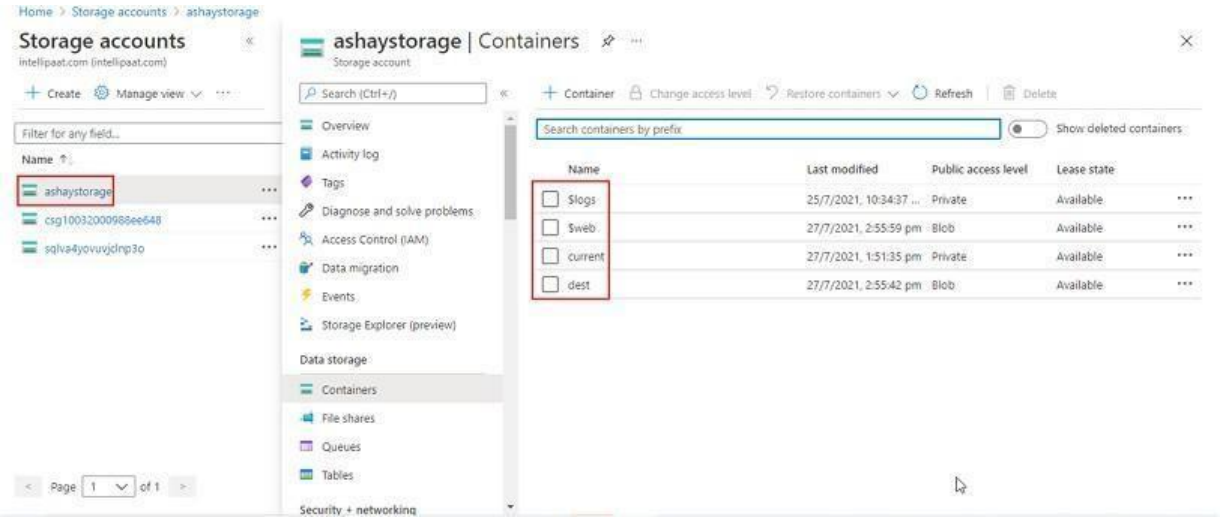


Step 10: Replace the Blob URL with the CDN URL, i.e., the start of the URL should be of Endpoint, but the path after it should be the path of the Blob storage link.

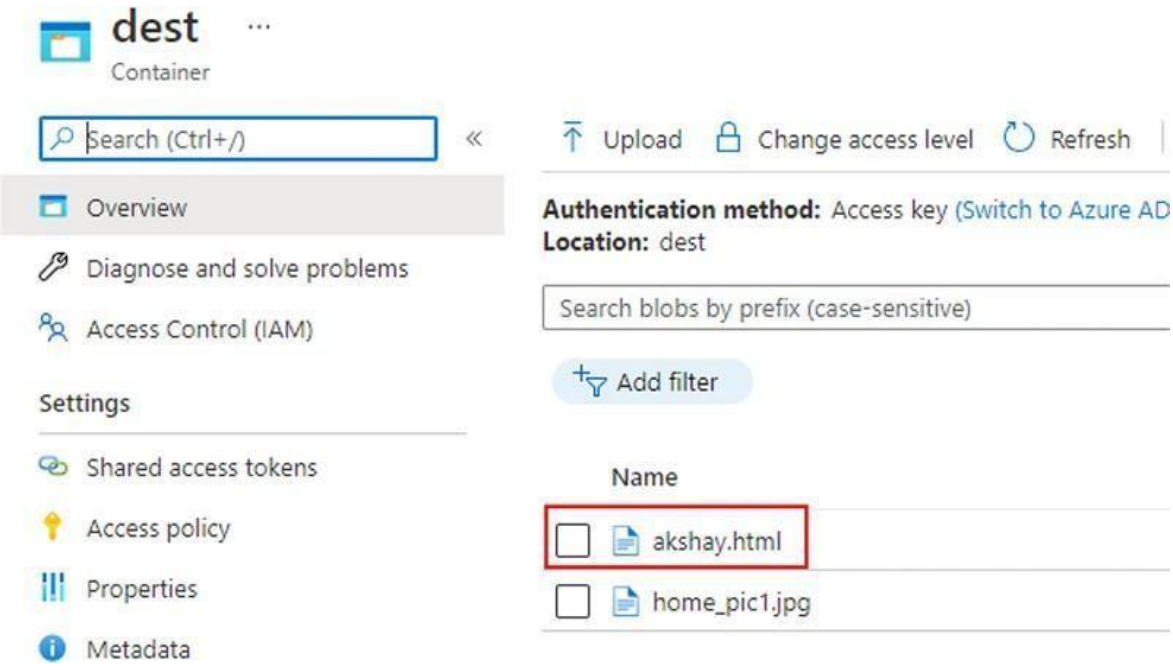
Step 11: Wait for at least 10 minutes and check the URL

Hands-On: UsingBlob Storage Archive

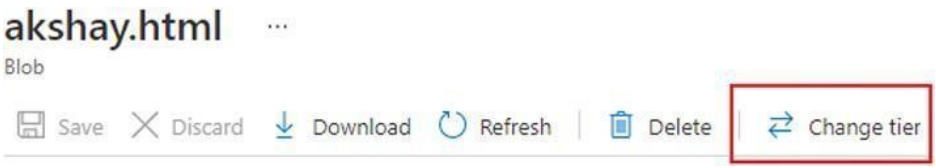
Step 1: Enter into the Storage account and click on Blob Storage. Select the container



Step 2: Select the file which you want to archive



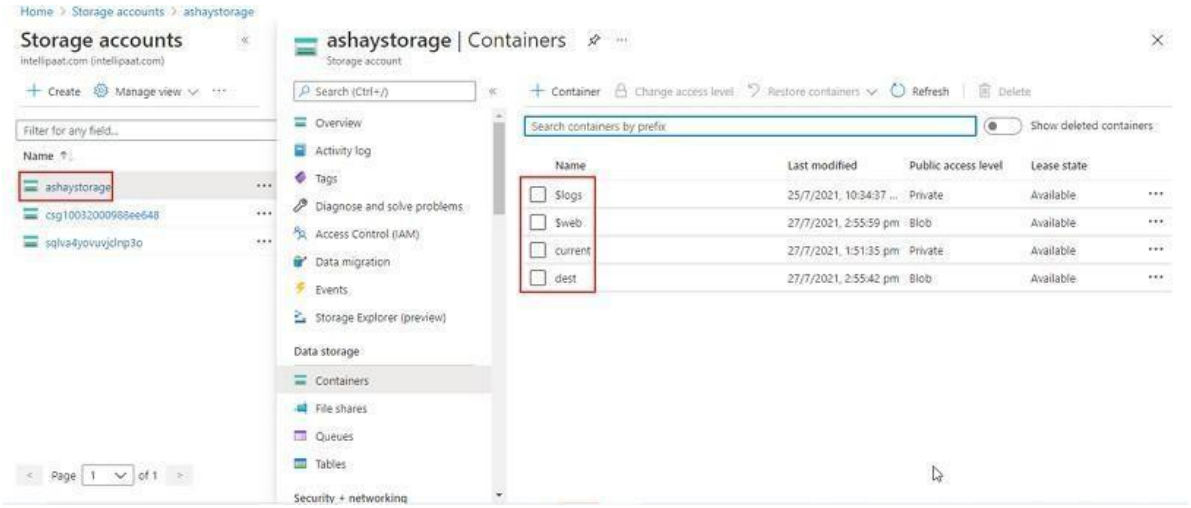
Step 3: Click on Change tier



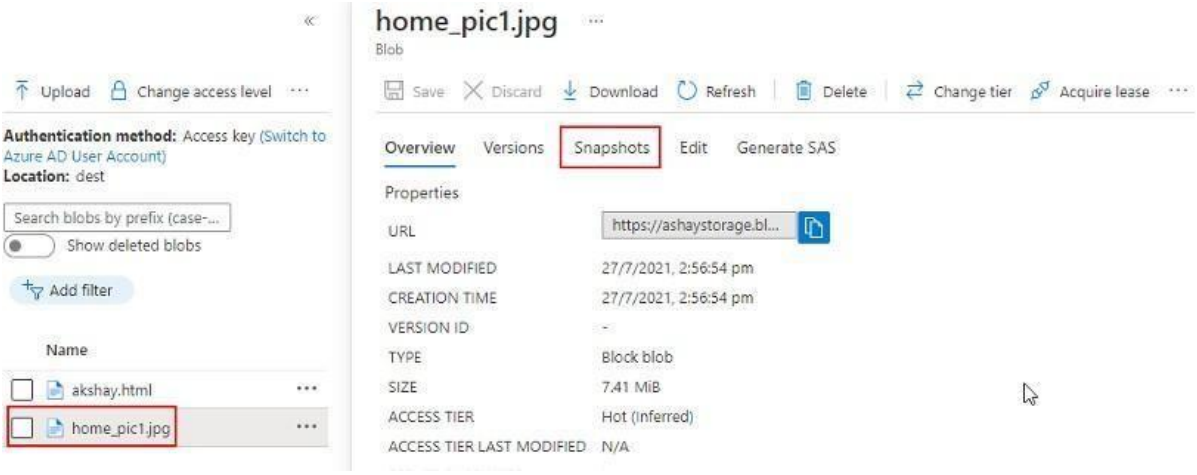
Step 4: Change the access tier to archive and click OK

Hands-On: Using Blob Storage Snapshots

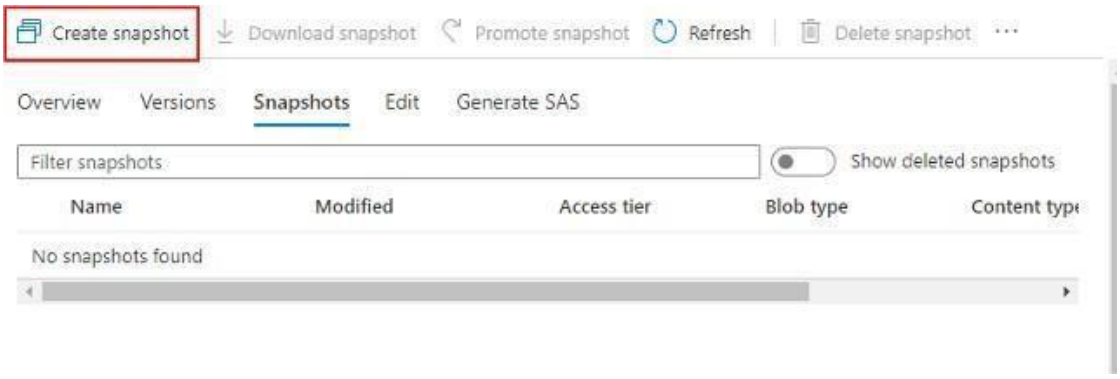
Step 1: Enter into the Storage account and click on Blob Storage. Select the container



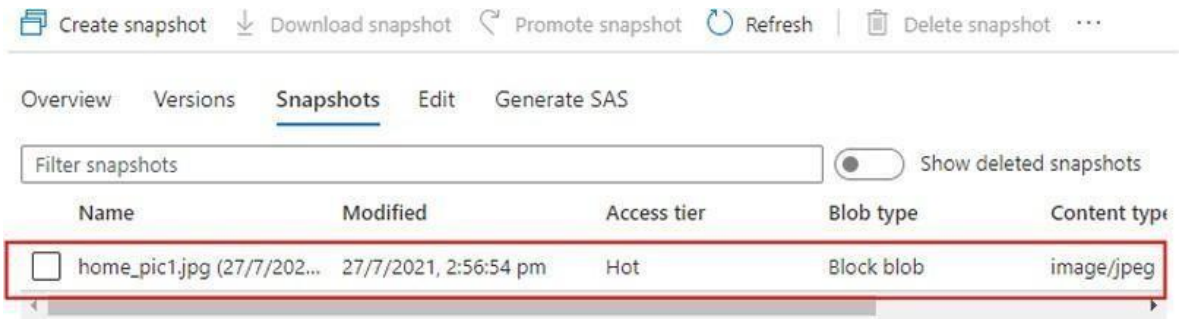
Step 2: Select the file and click on Snapshots



Step 3: Click on Create snapshot

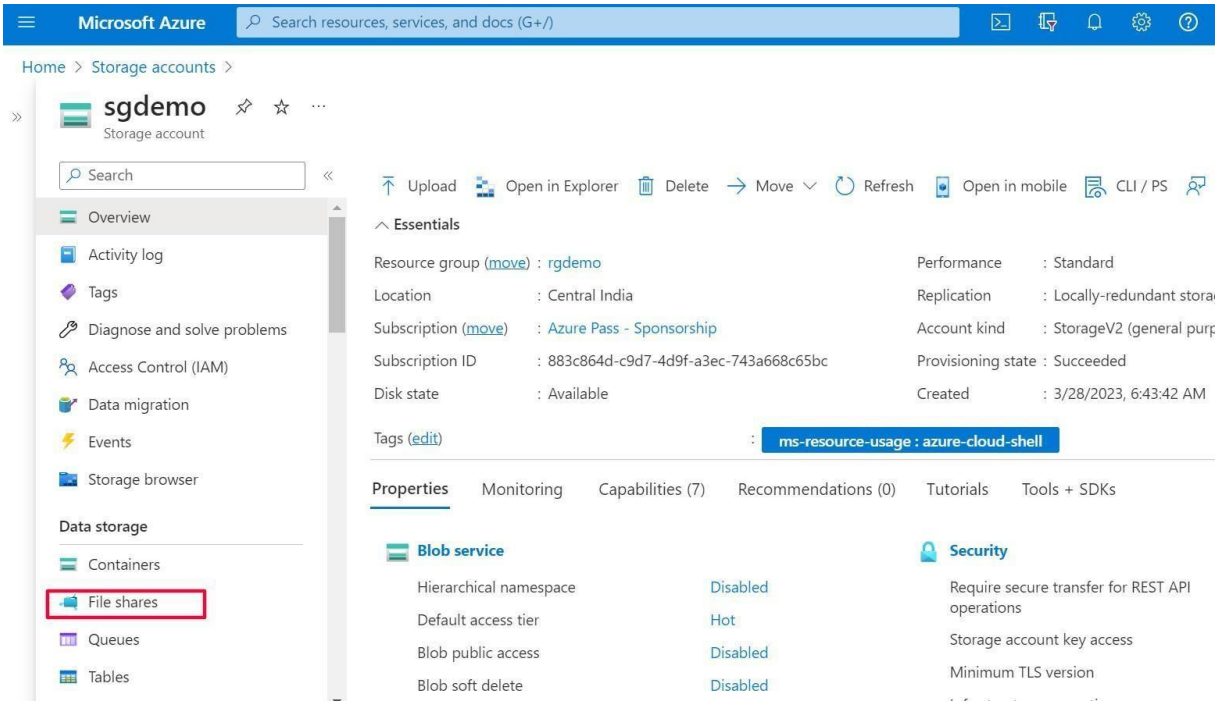


Step 4: Snapshot created

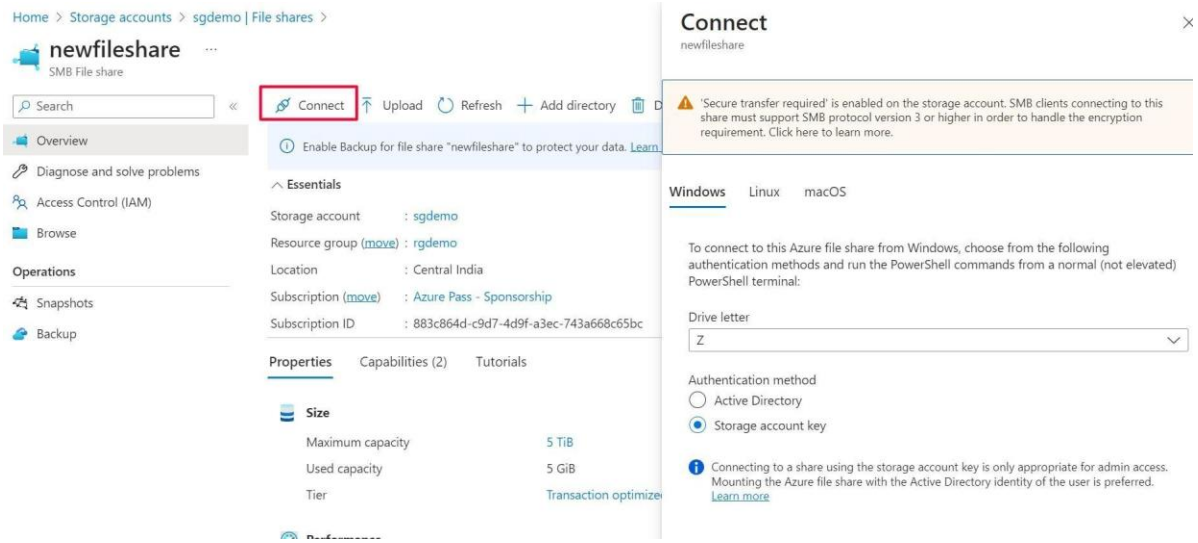


Hands-On: File Share with Windows

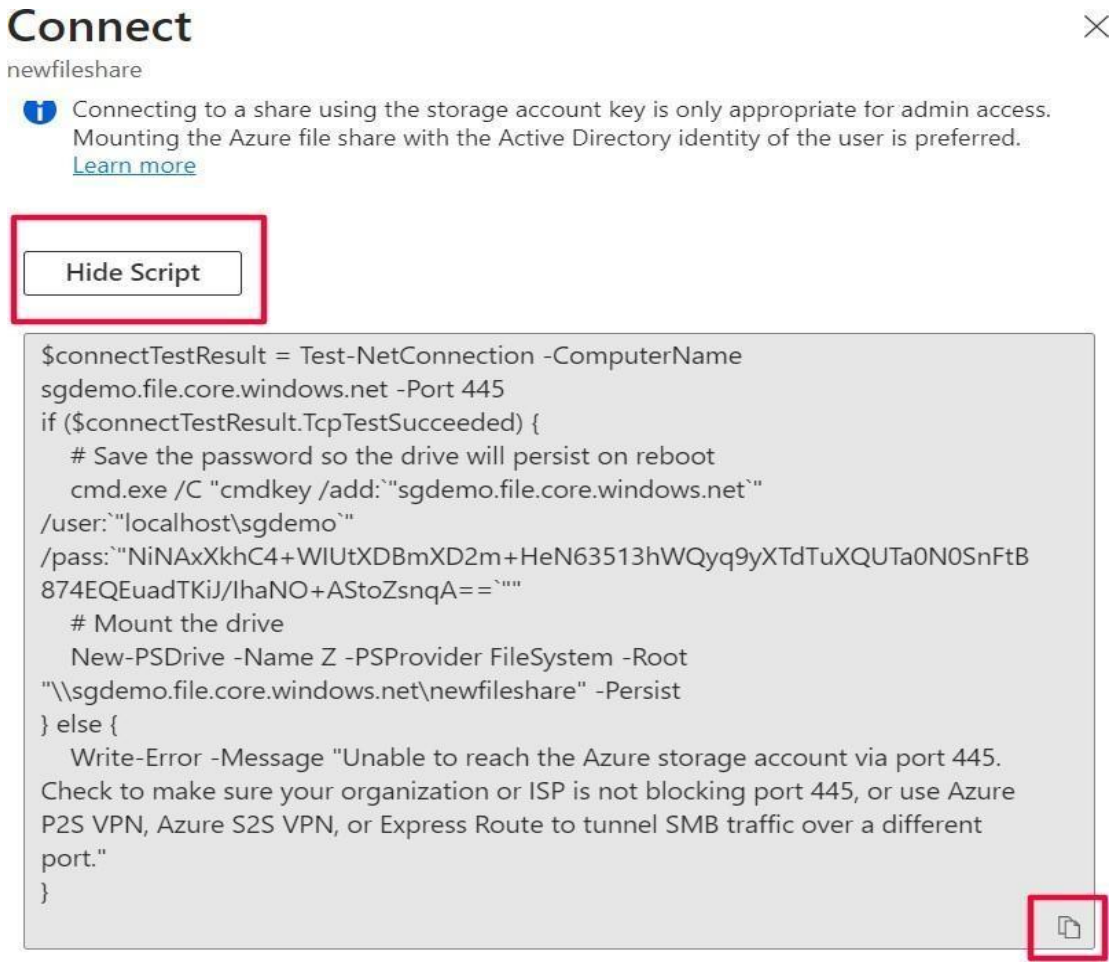
Step 1: Create a storage account then in the left pane, scroll down and click on file shares



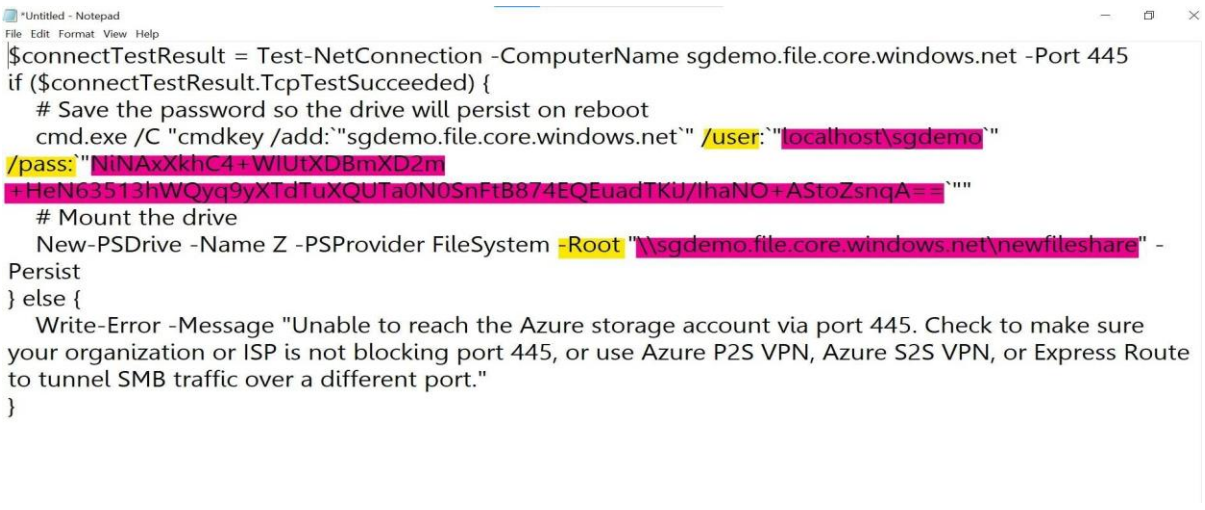
Step 2: Open the file share and then click on Connect



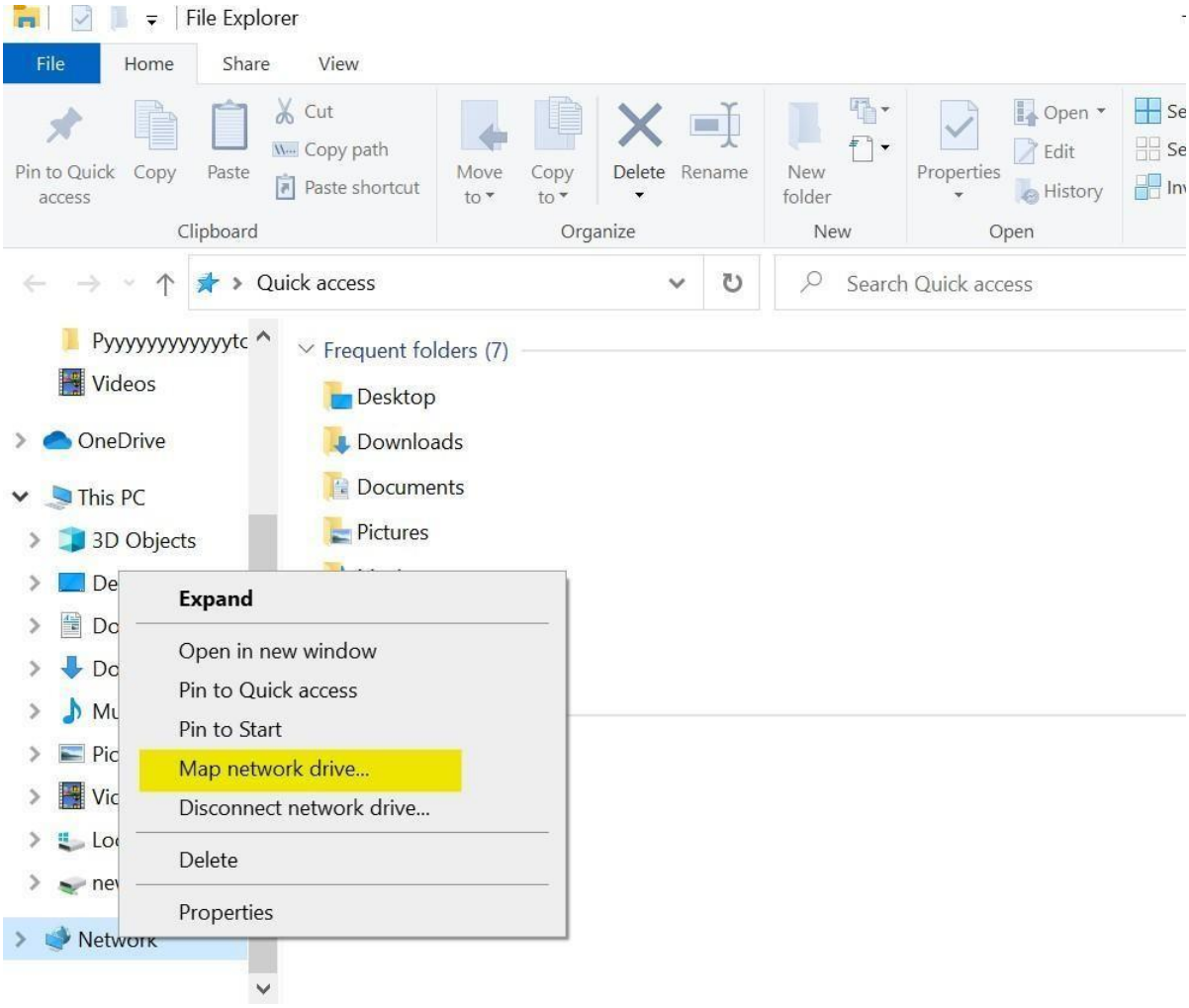
Step 3: Click on show script and then copy the script in the notepad



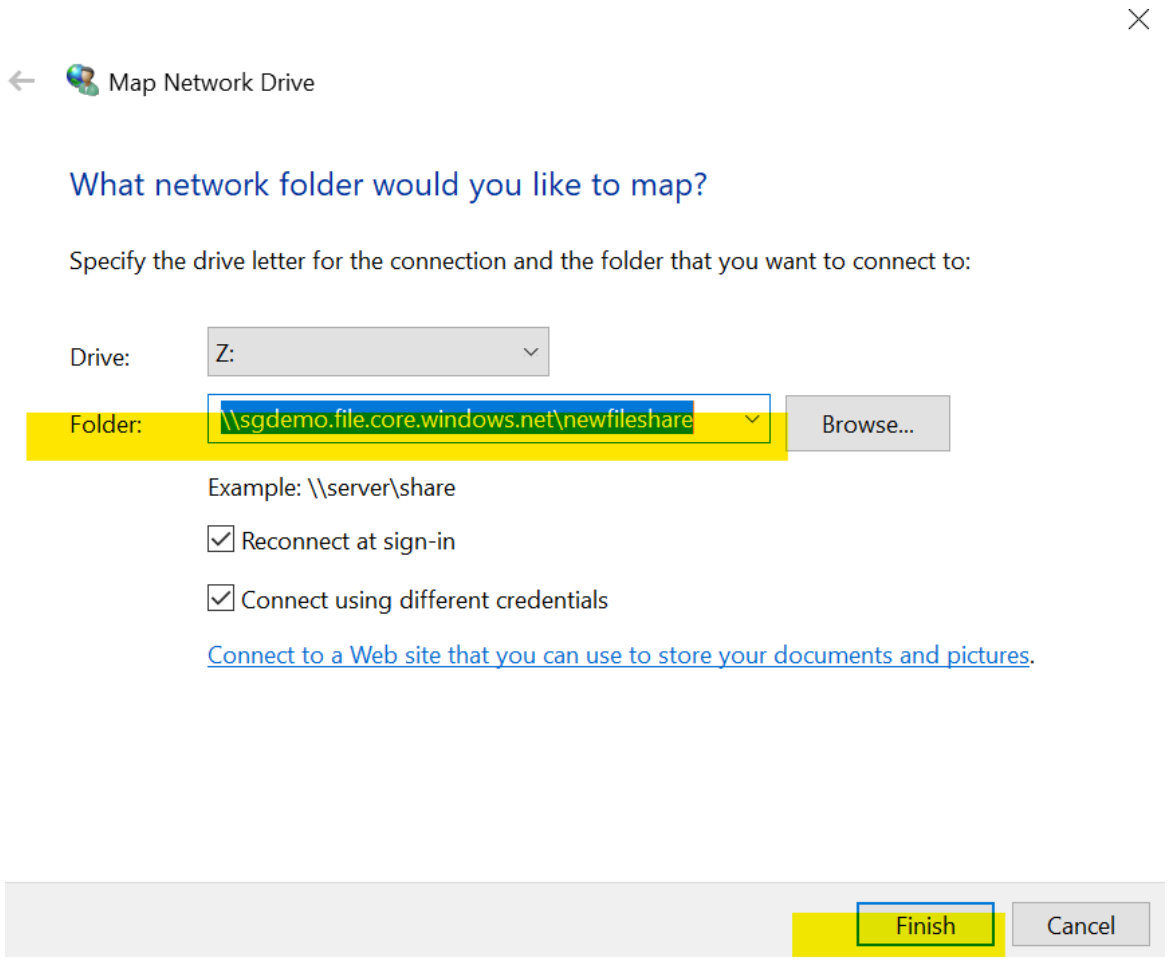
Step 4: Now, paste the script over the notepad and extract the username, password and root folder path from the script



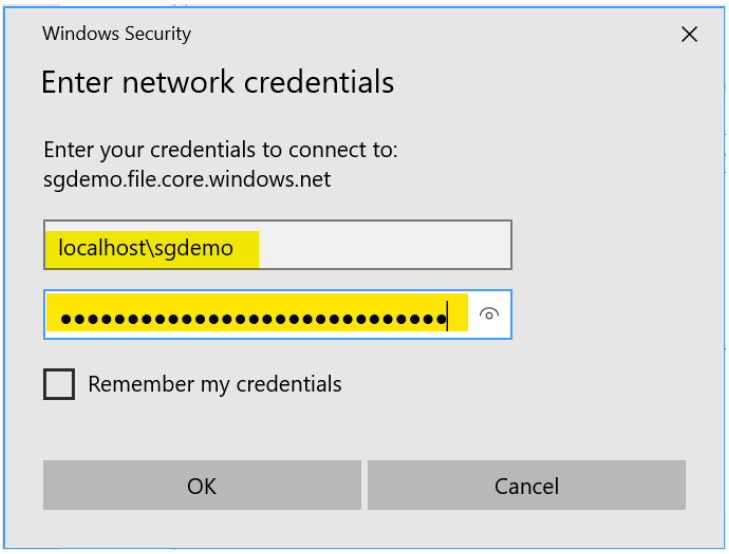
Step 5: Go to This PC in your system and right click on Network, which you will find on the left side. From the pop up, click on Map network drive



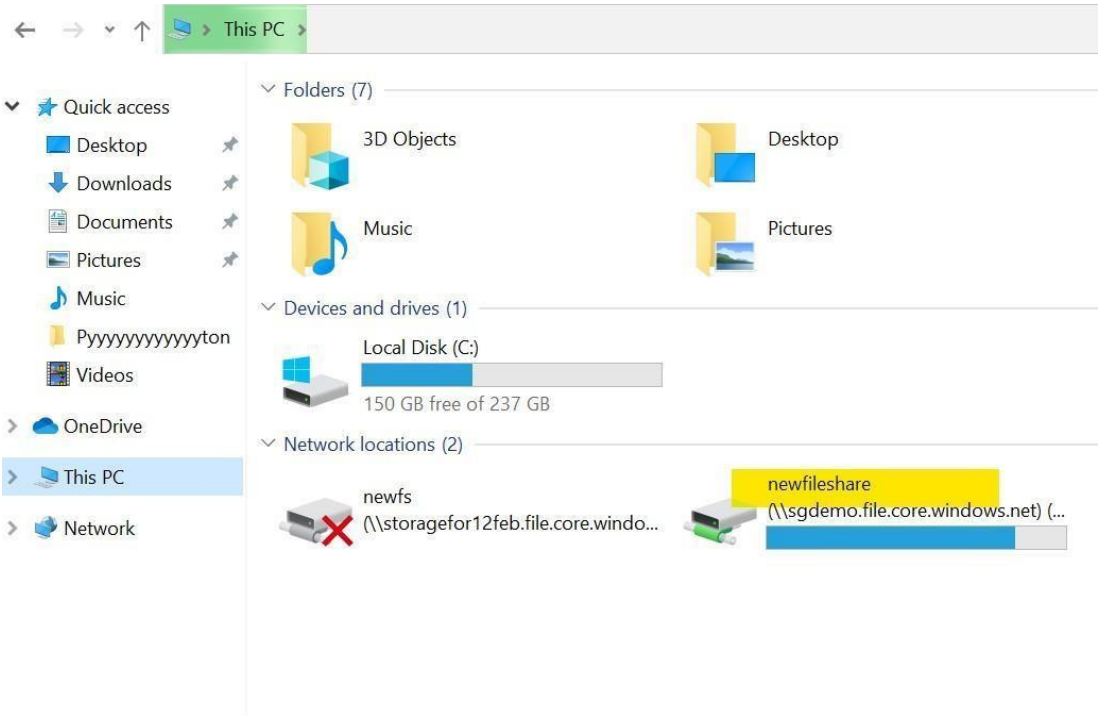
Step 6: Fill in the location (which was retrieved from the code) and tick both the boxes and click Finish



Step 7: Wait for it to connect and fill in the login credentials which were retrieved from the file. Click on OK, wait and then click on OK again.

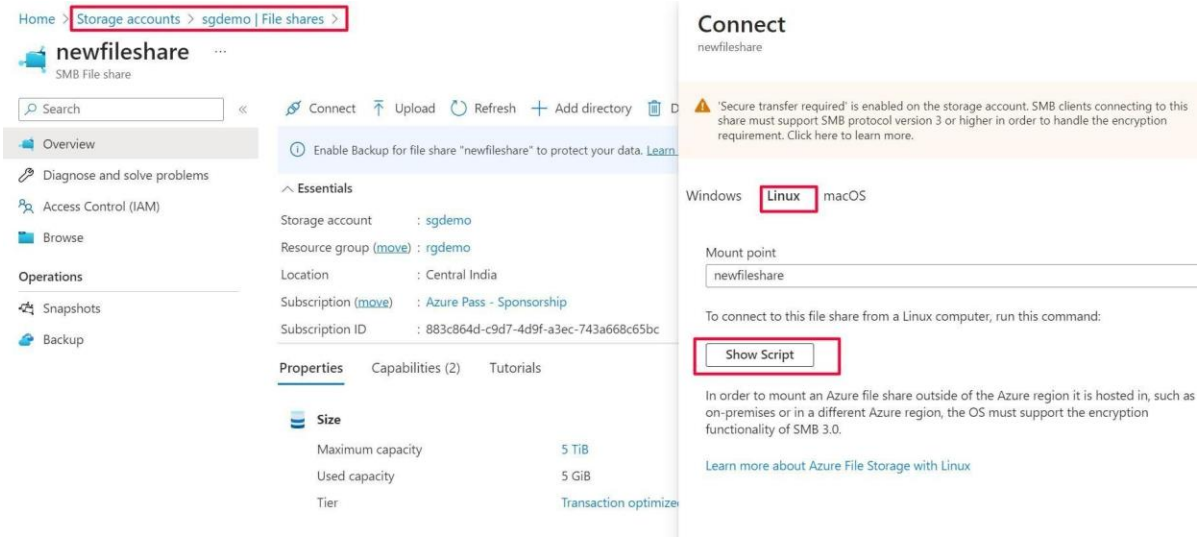


Step 8: Once it is connected, go to your PC and under Network locations, you can find the file which is made

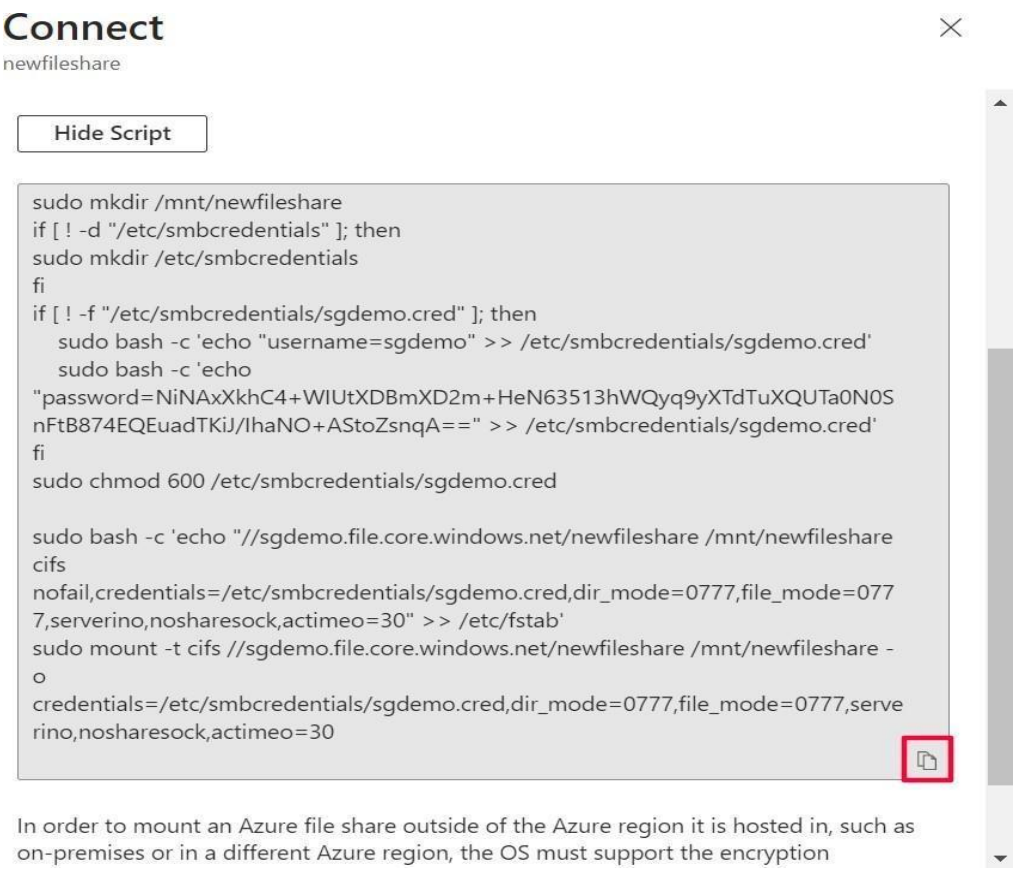


Hands-On:File Share with Linux

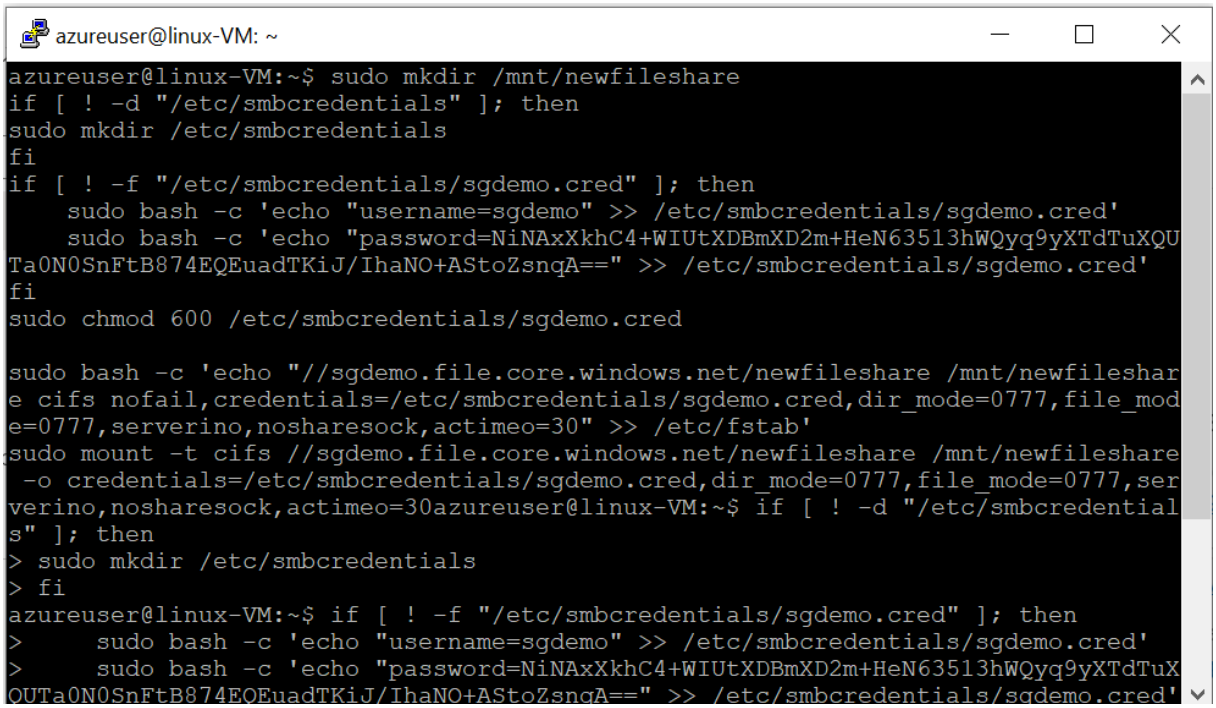
Step 1: Go to storage and then go to file share after that click on Connect and this time go with Linux



Step 2: Copy the code from the symbol below or just select all and copy



Step 3: Paste the code in Linux



Step 4: Enter the command mentioned below with your file share name **cd /mnt/**
ls : to list your files uploaded over fileshare