Managing Azure Storage

1. Download Microsoft's Azure storage explorer from

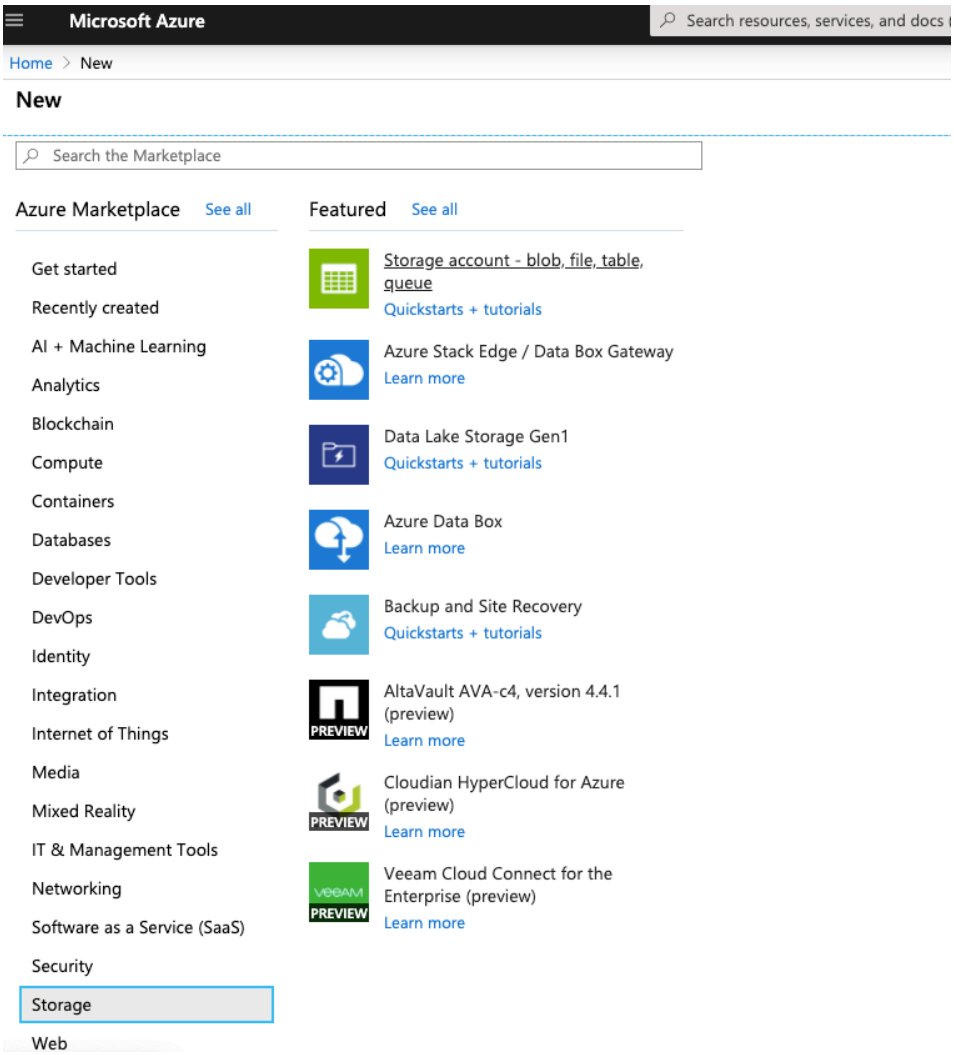
   https://azure.microsoft.com/en-us/features/storage-explorer/

Step 1: Create Storage Account
In this exercise, you will create a new storage account.

1. Enter the account associated with your Microsoft Azure subscription

2. If your account is associated with an organization account and a Microsoft account you may be prompted to choose which one to authenticate with for your Microsoft Azure account.

3. Click NEW, Click Data + Storage, and then Storage Account.



4. Specify the following configuration and then click Create.

Suscription: wteran labs

Resource Group: Create New. Eg: Lcastro-Storage

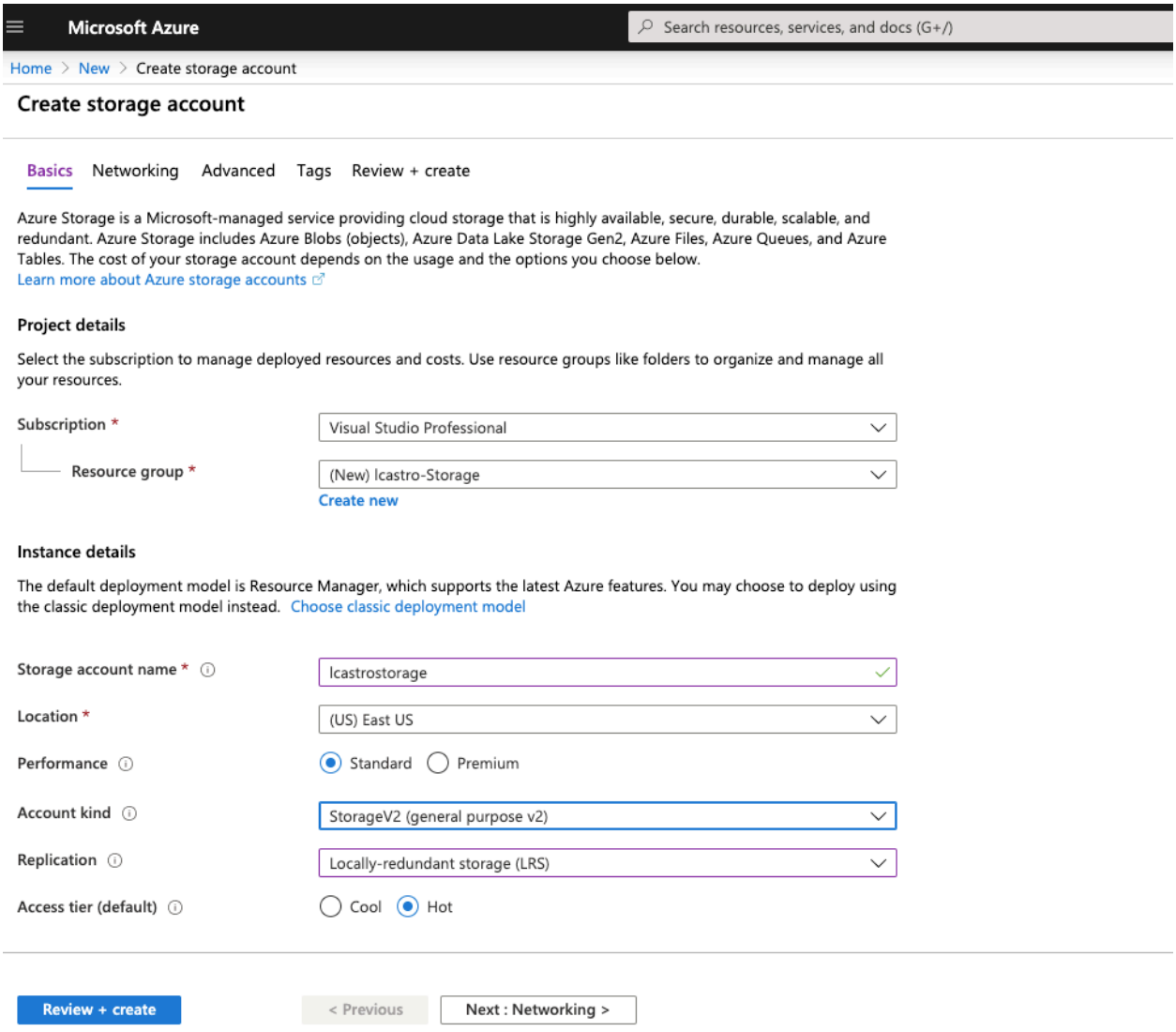
Storage Account Name: Usename+storage. Eg: lcastrostorage

Location: Region defined per user

Replication: LRS

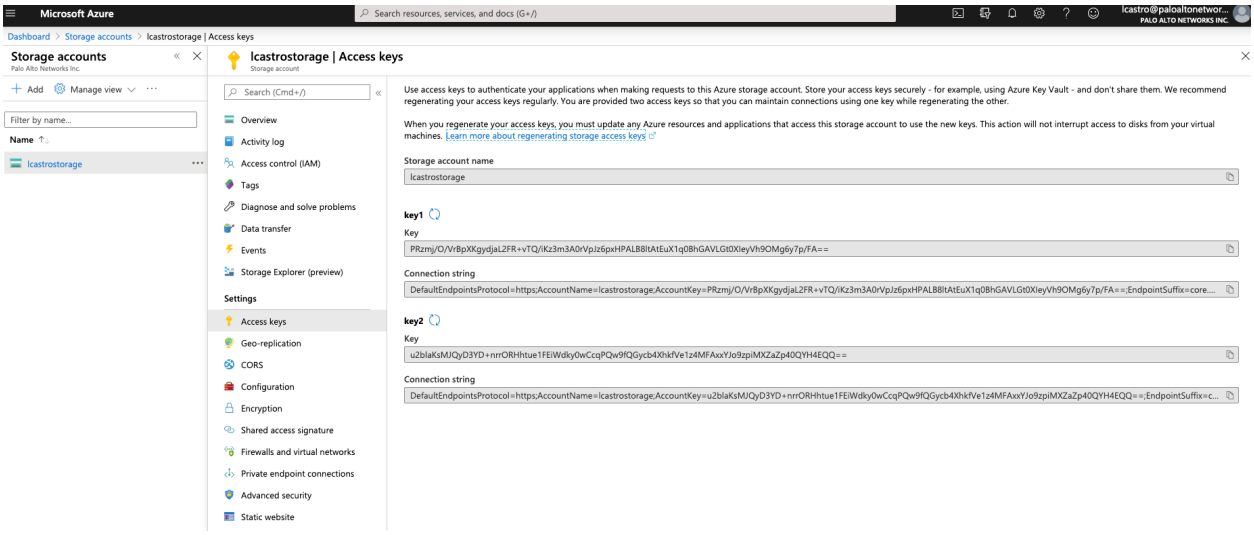
Note: Leave all other values as default

Click **Create**



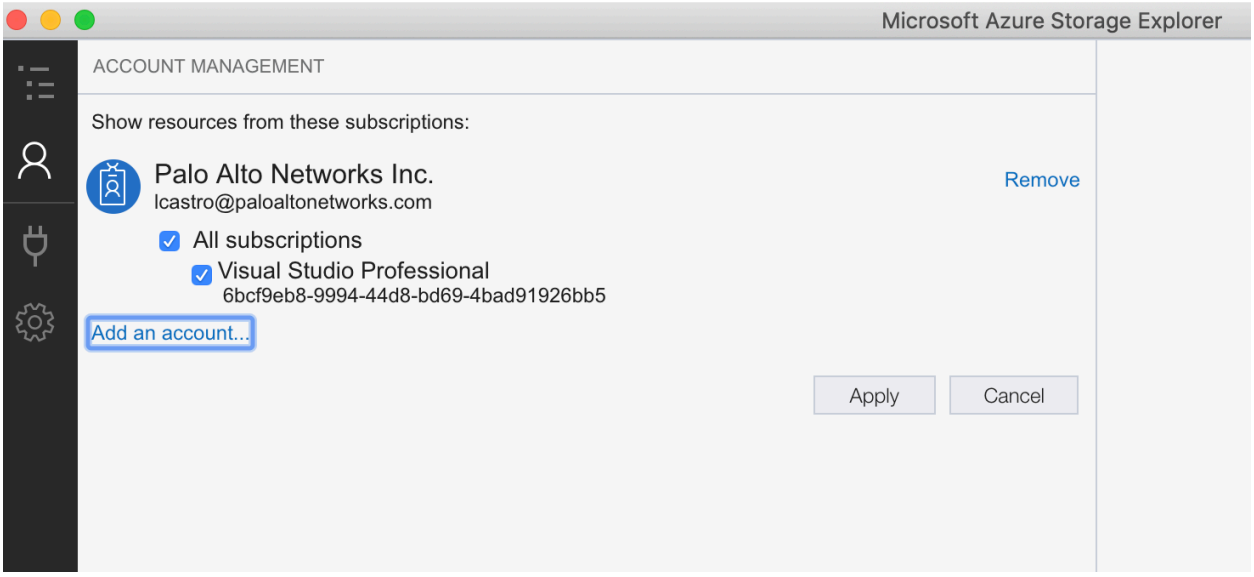
Step 2: Storage Account Keys

Access the storage account keys as follows:



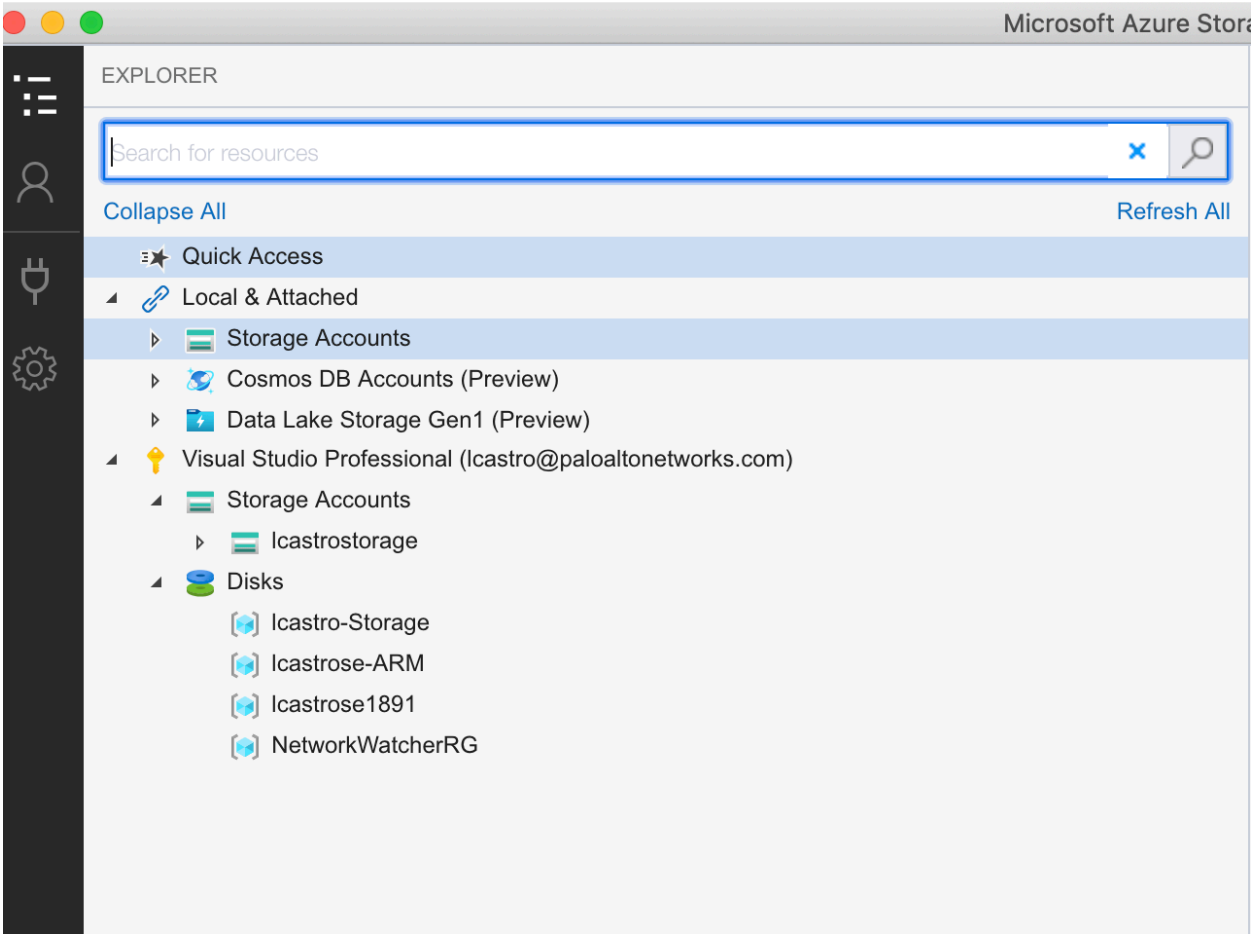
Step 3: Working with Azure Storage Explorer

1. Once you open the storage explorer, you will see ‘Add Azure Subscription’ option as highlighted below.



2. Click on Connect to Microsoft Azure. Provide necessary credentials to connect to your subscriptions.

3. This will load up the storage accounts in that particular subscription.

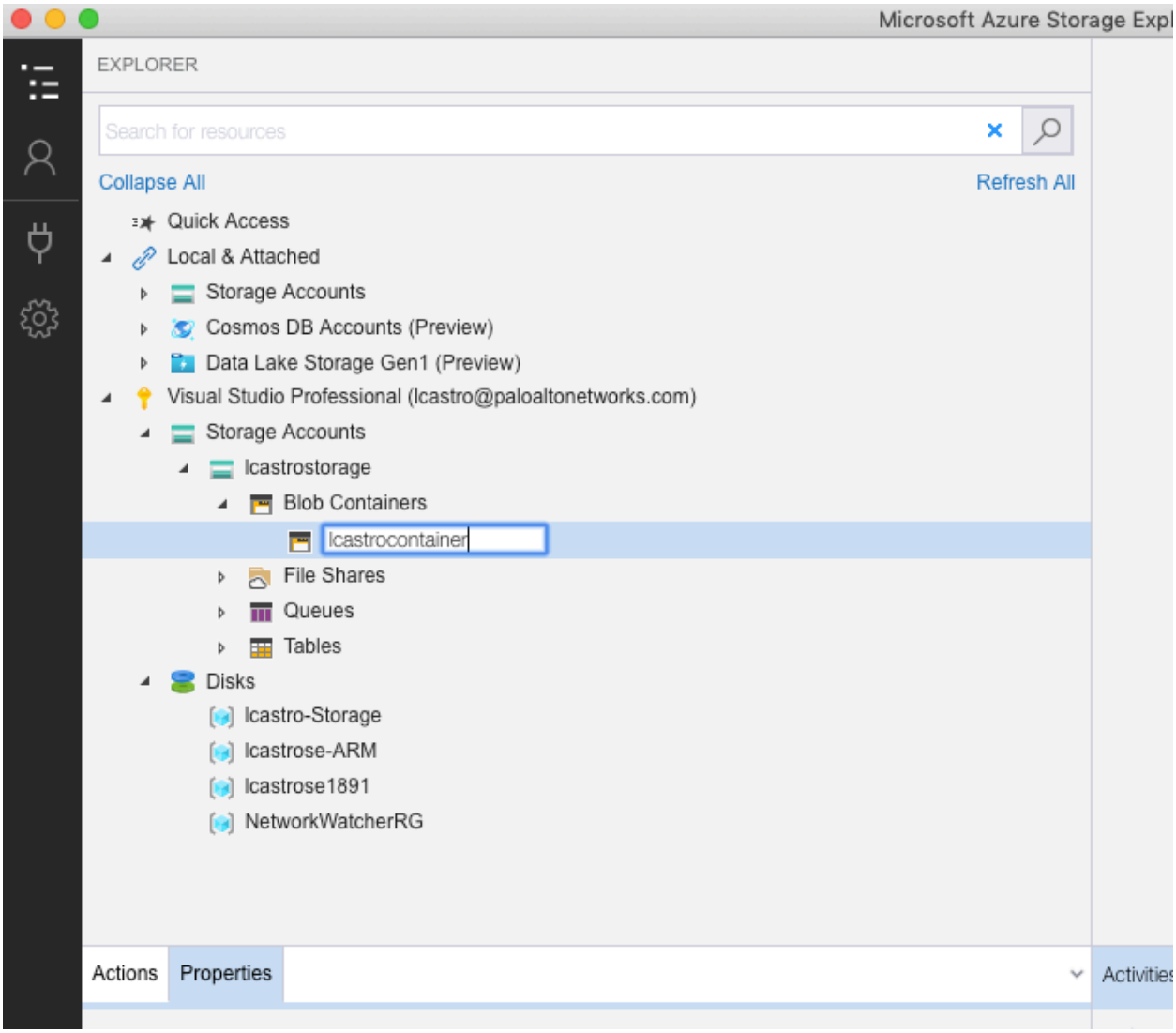


Step 4

Create a blob container. Select the storage account created in the earlier exercise.

Right click on “Blob Containers”, Select ‘Create Blob Container’.

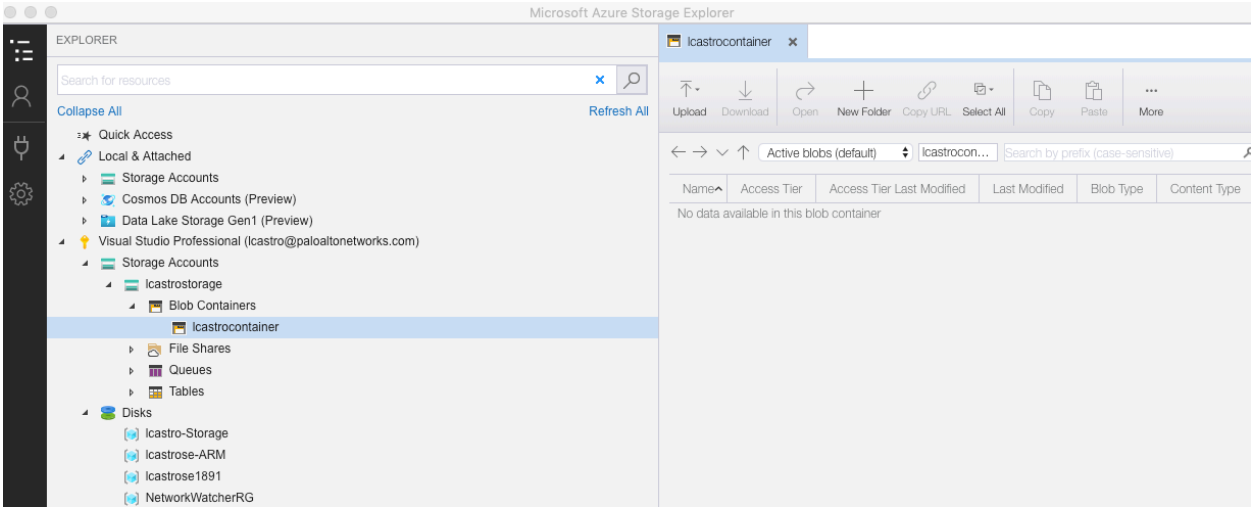
Provide a particular name (call it username+container) in the text box that comes up.



Step 5

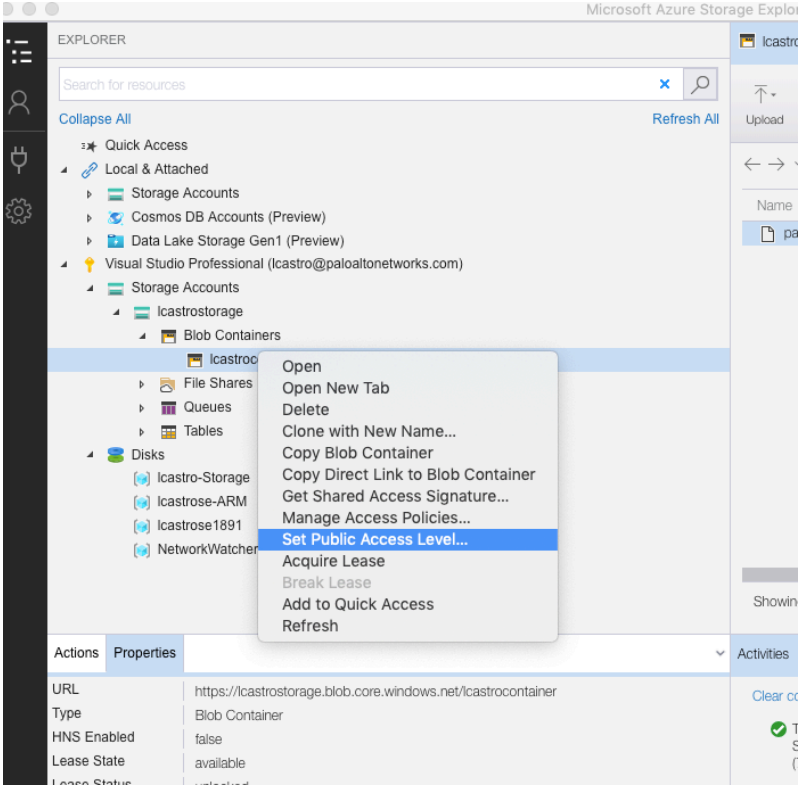
Upload a File define in the Lab_Files > palo-alto-networks-product-summary-specsheet-2020.pdf

Double click on the container created in previous step

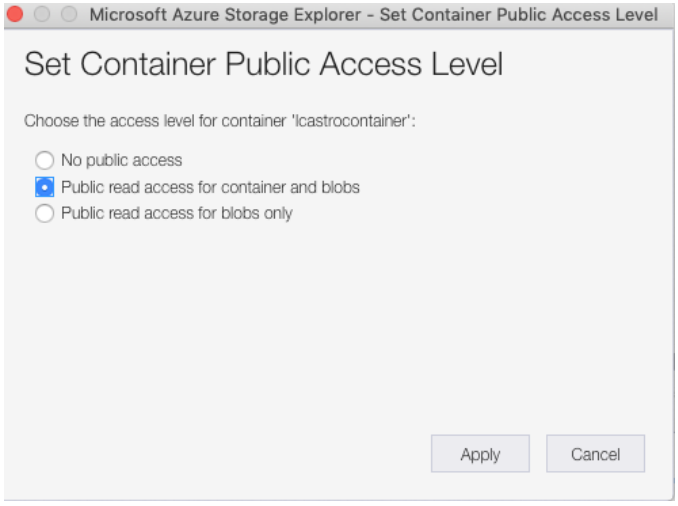


Step 6

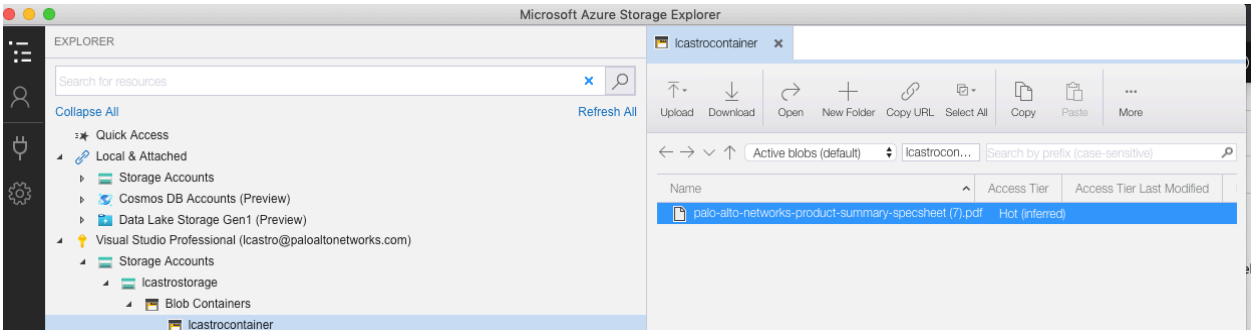
Share this blob by specifying access control. Right-click the container. Here you can create temporary SAS based access URLs or define access level for blob/container.



Let's select 'public access to container/blobs' option.

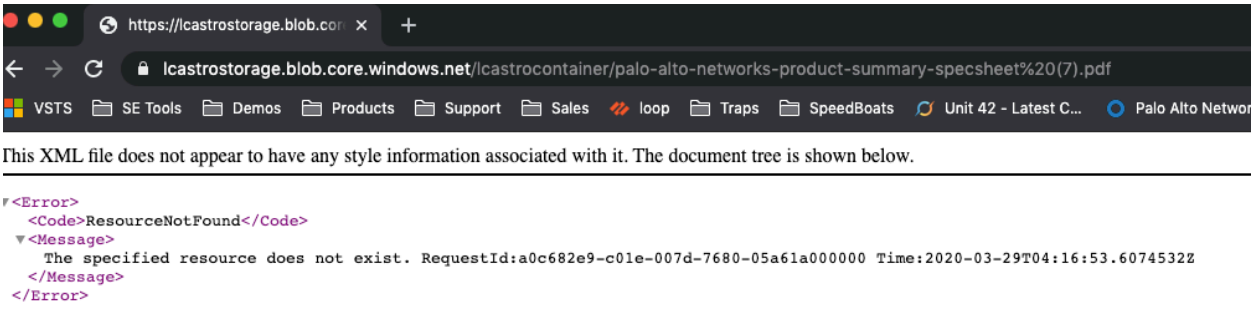


4. From Blob Menu click 'Copy URL to Clipboard'.



5. Open a new incognito browser window and paste the URL.

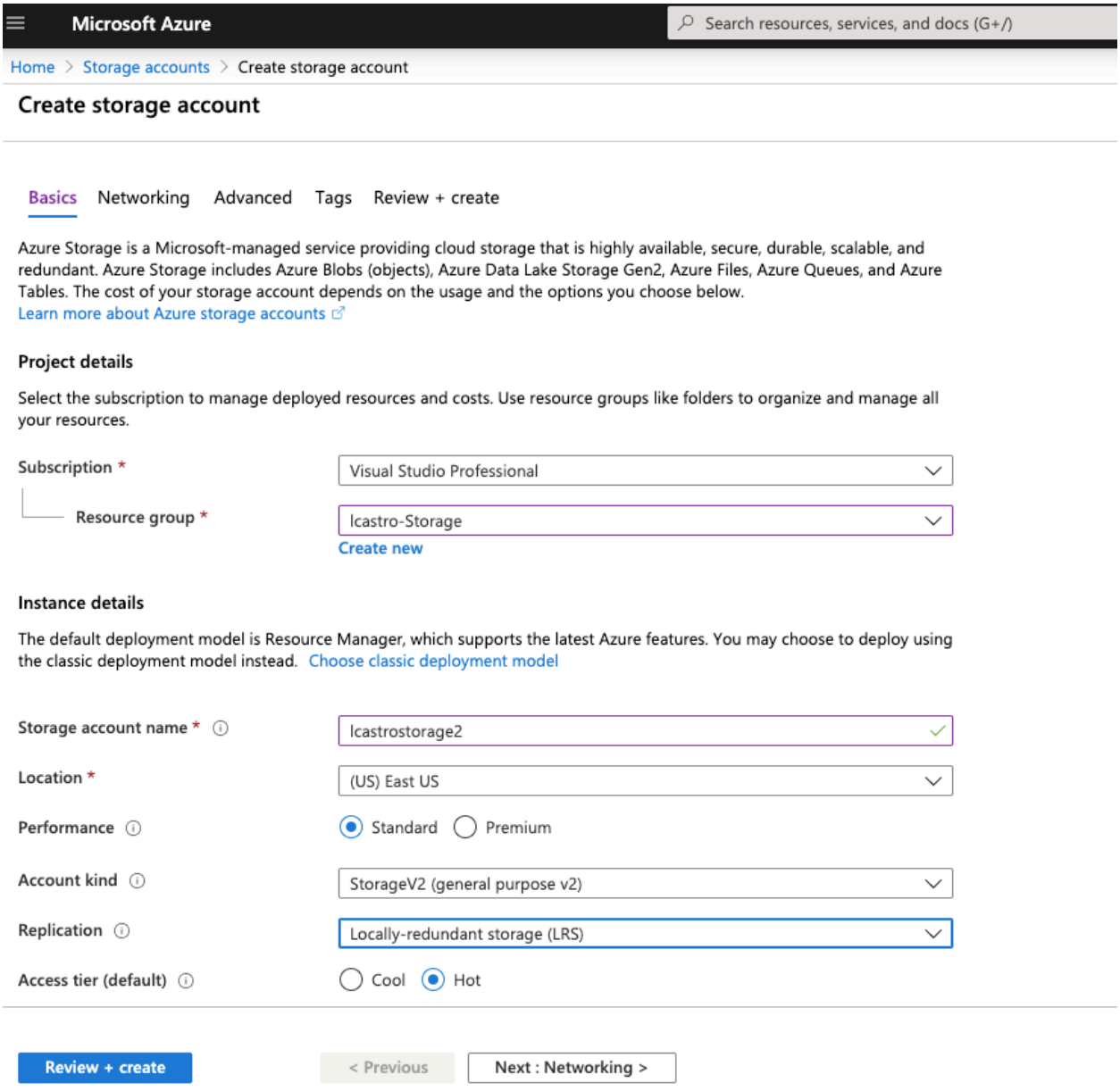
You should be able to see the file. You can change the access level to 'No public access' and refresh the browser instance. You will get resource not found message.



Step 7: BLOB copy between storage accounts

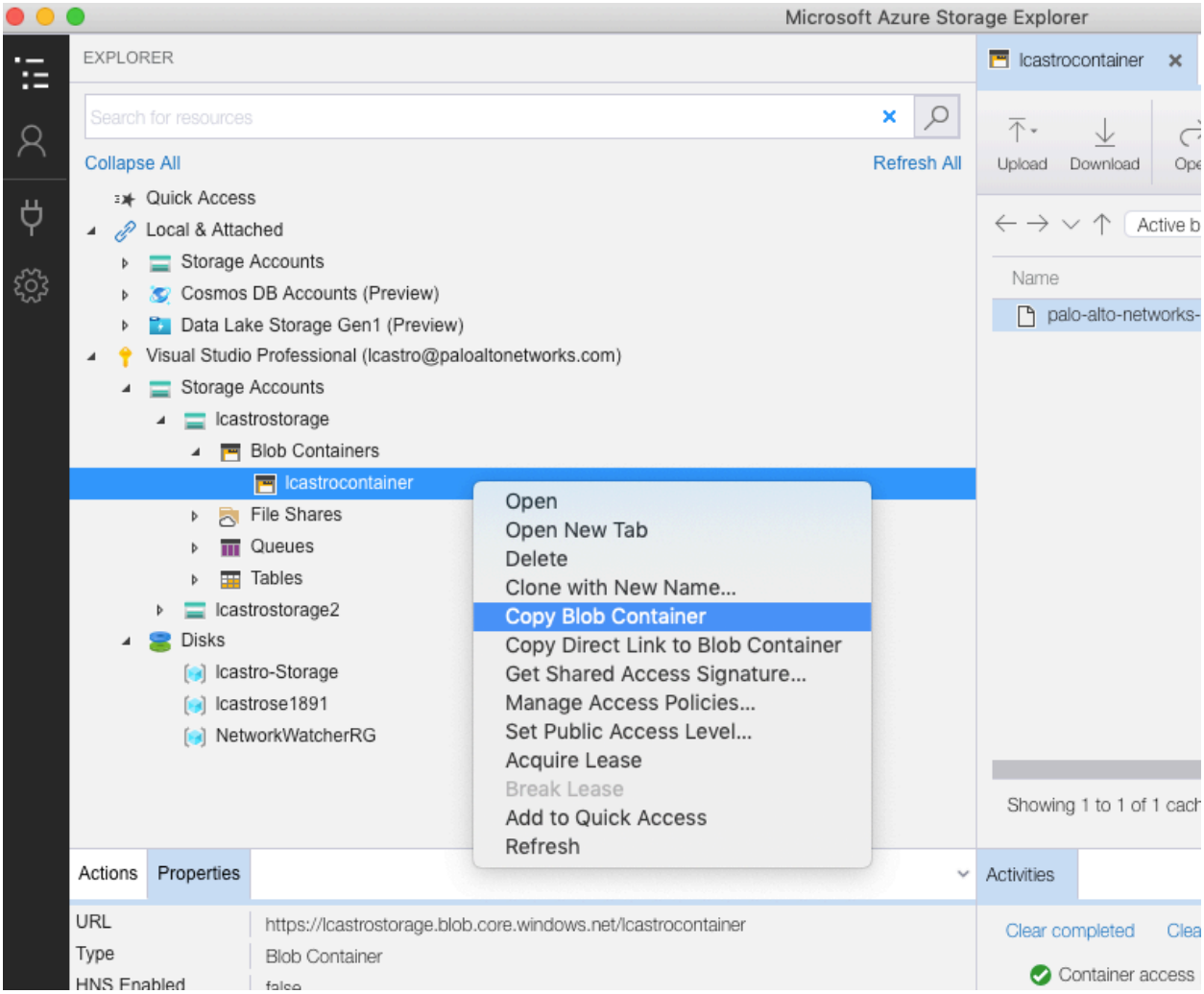
Back in the portal, create a second storage account.

Give the name of the storage account “username+store2”.

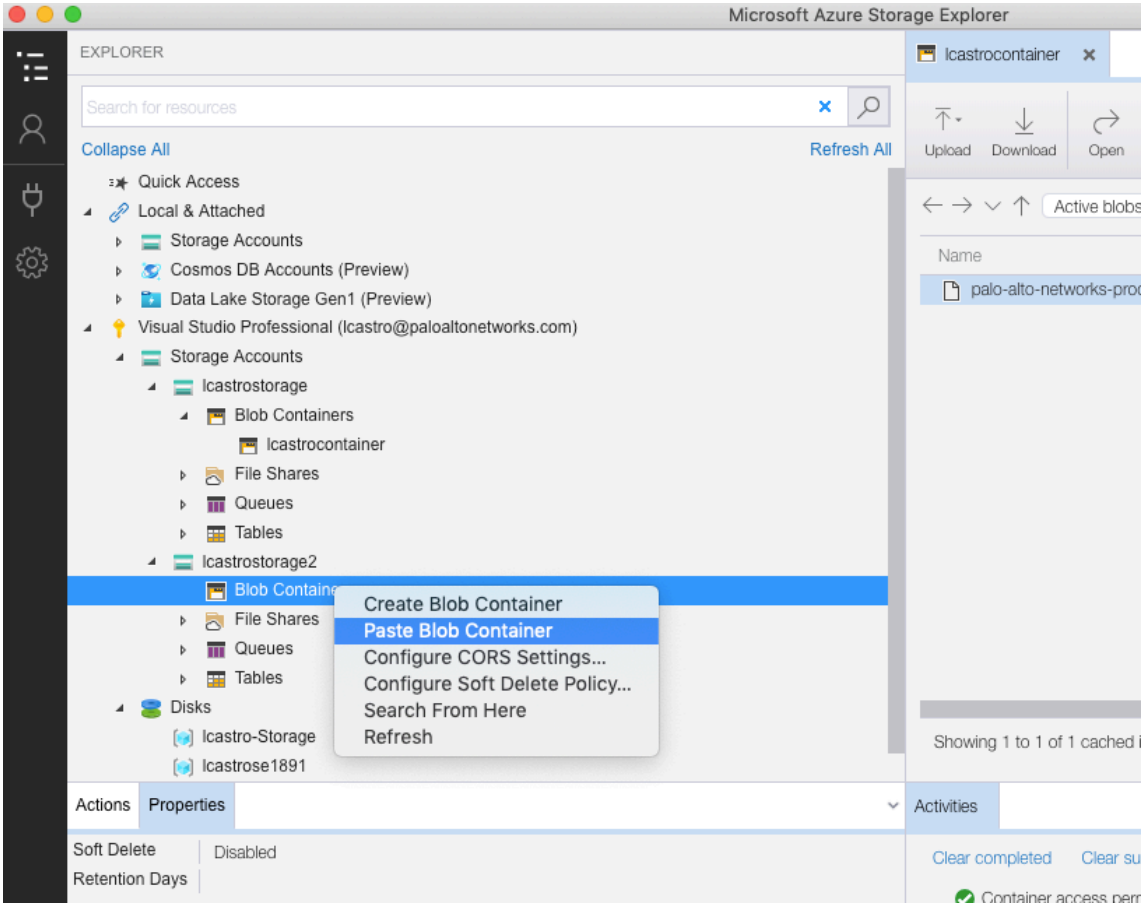


Open the Microsoft Azure Storage Explorer, browse to the file we uploaded earlier. Right- click and select copy.

Browse to blobcontainer2, and select ‘paste’.

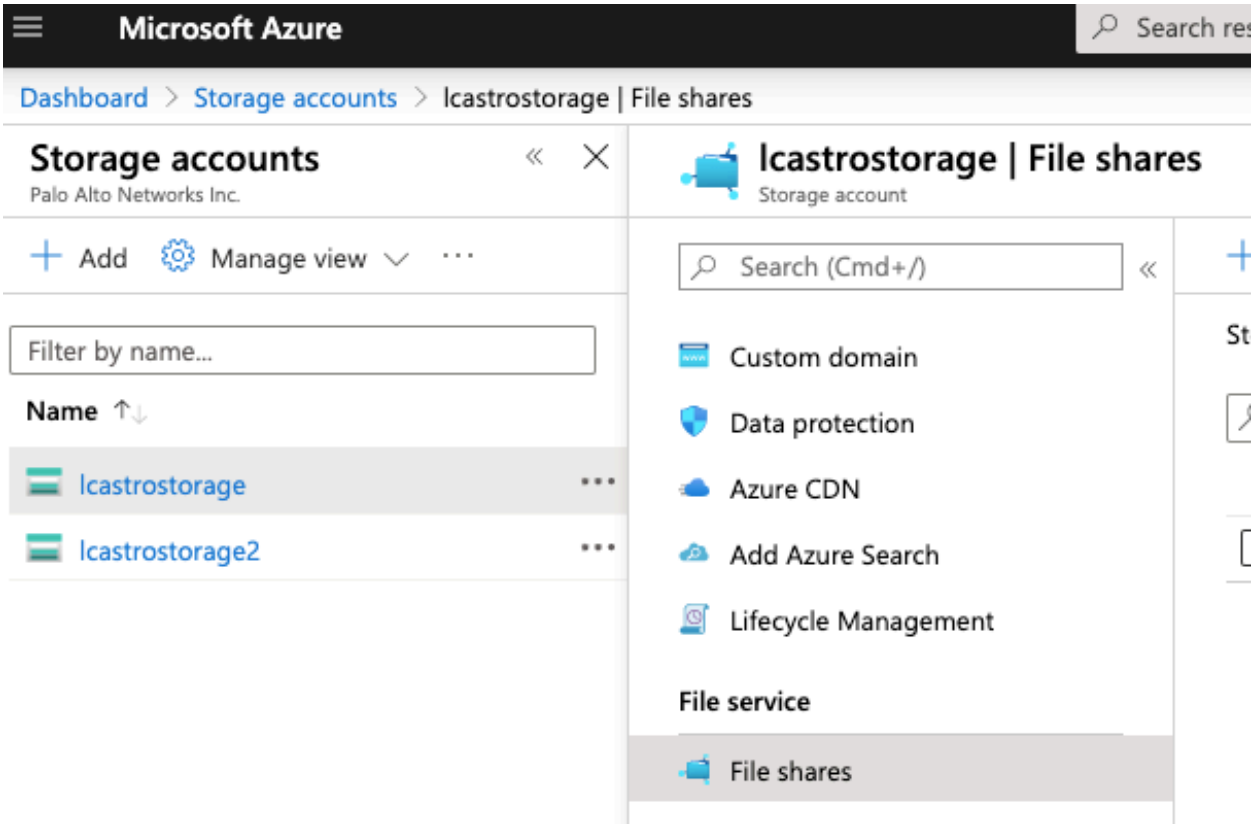


Click on Refresh to view the file that is copied to this container.



Step 8: Create an Azure File Share in the portal and mount it in one of the VMs created earlier

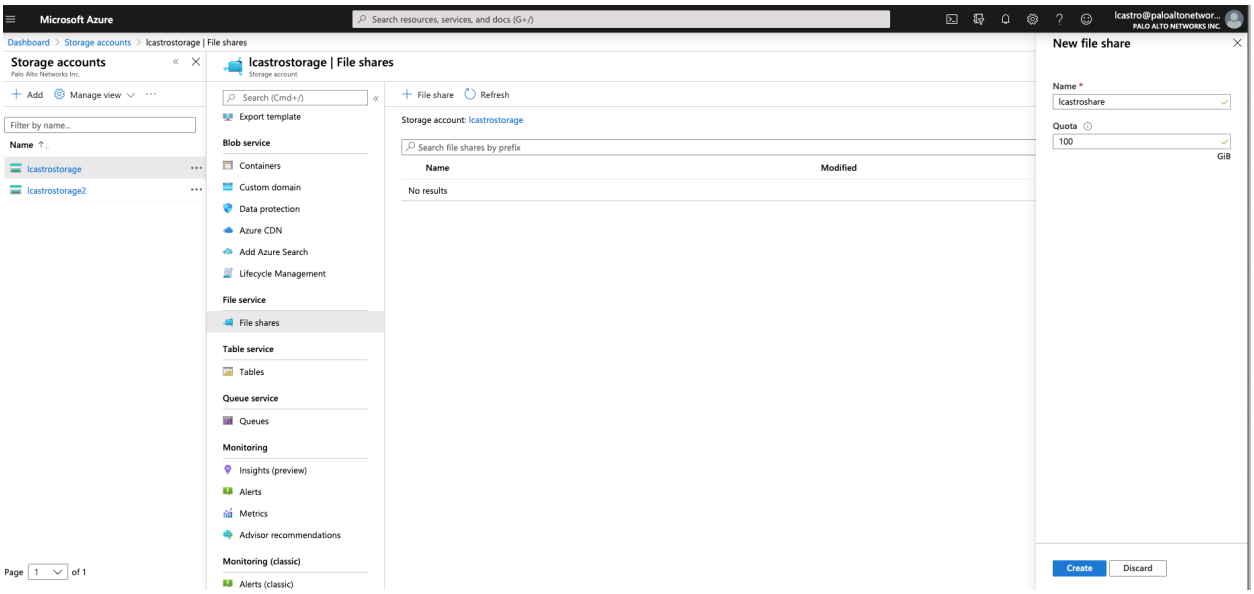
1. Navigate through the Azure storage account as shown below:



2. Add the following details for ‘File Share’

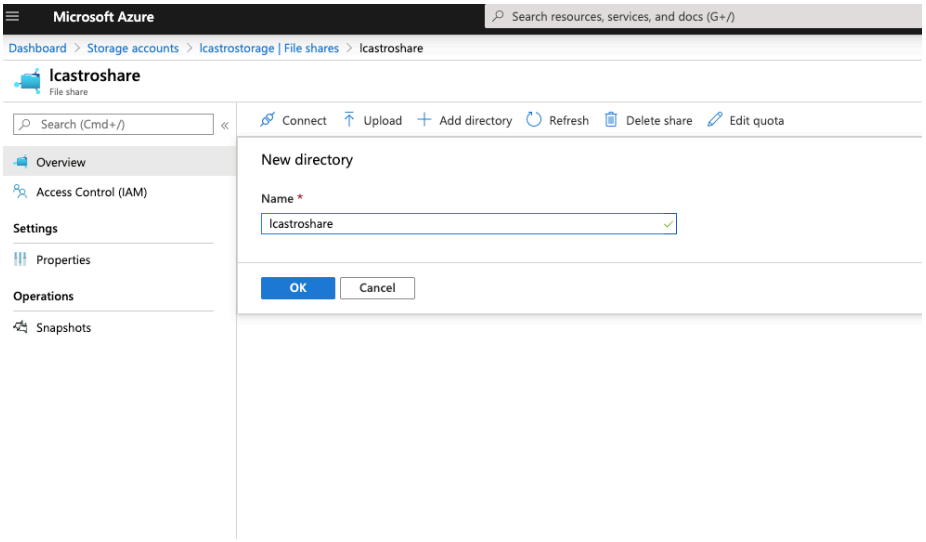
Name: username+share. Eg: lcastroshare

Quota: 100GB



3. Click on ‘Create’ button.

4. Create a directory.



5. Once the directory is created, you can click on ‘connect’ and copy network file share path and try to access it. You will be prompted with user-name and password. Use the storage account name and access-key as credentials.