



Azure Storage – Creating a storage account and managing the access.

This demo will help you to create a storage account and a container inside your blob by which we will be setting privacy for the blob created.

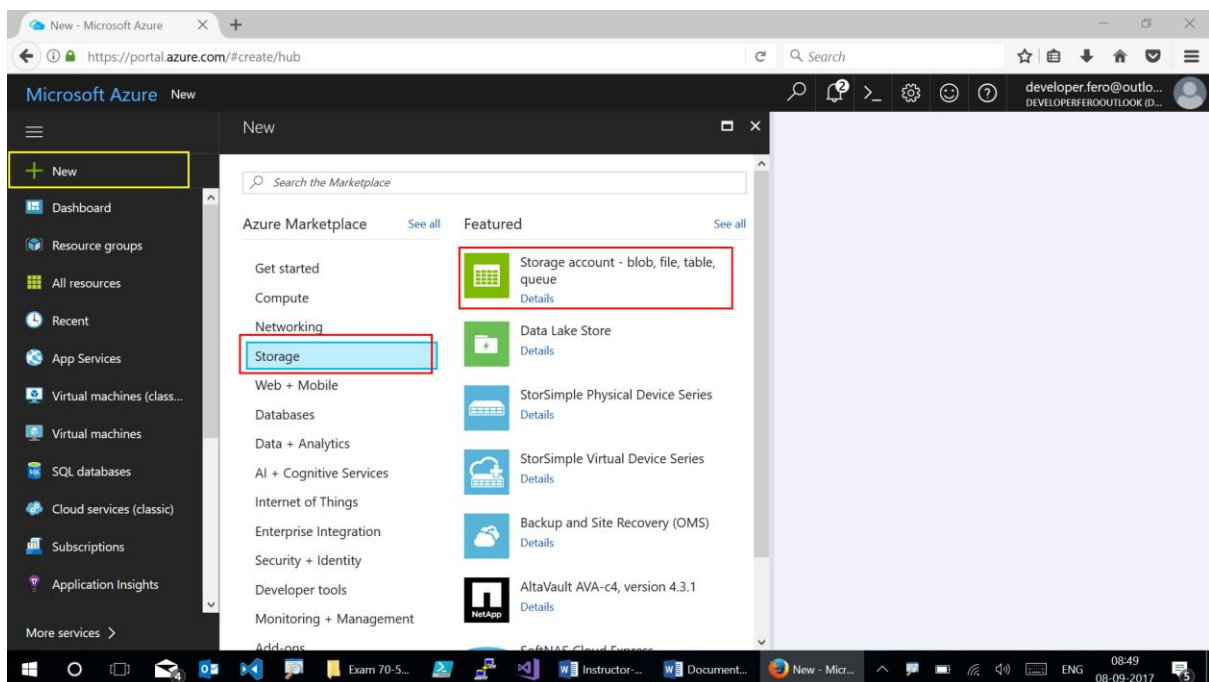
Pre-requisites:

01. Azure subscription
02. Azure storage explorer – www.storageexplorer.com

Follow the below steps now:

Step – 01: Go for azure portal (www.portal.azure.com) and sign in with the azure account of yours.

Click on New → Storage → Storage account – blob, file, table, queue.

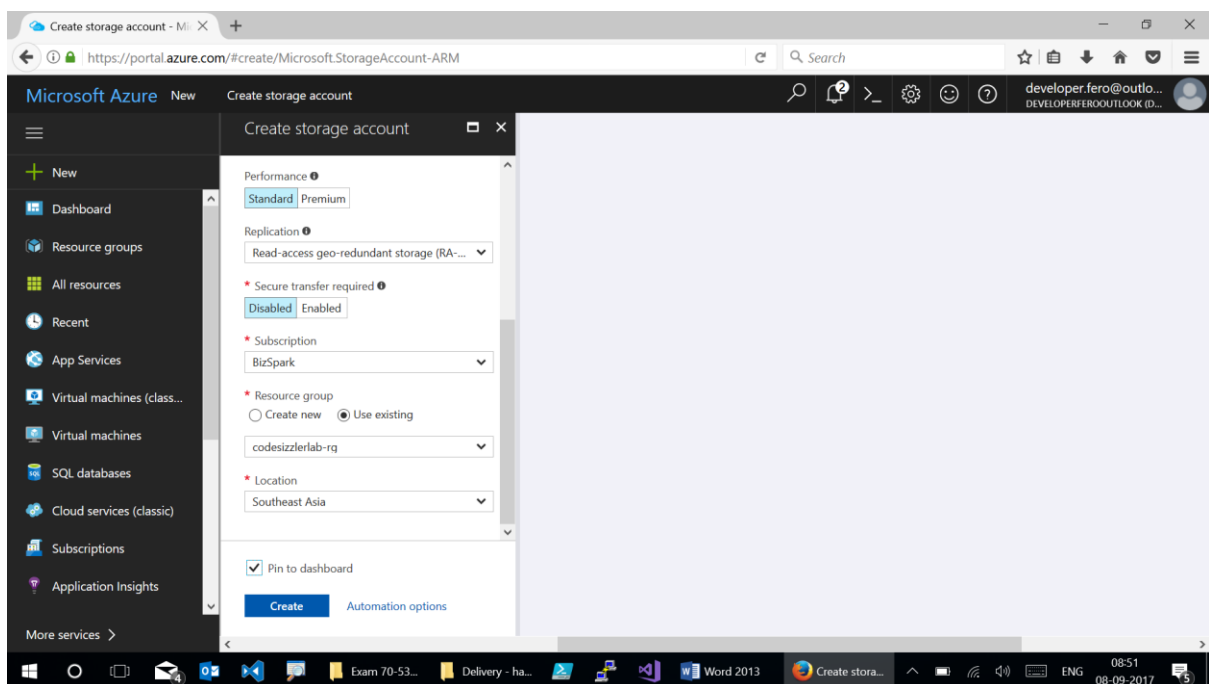
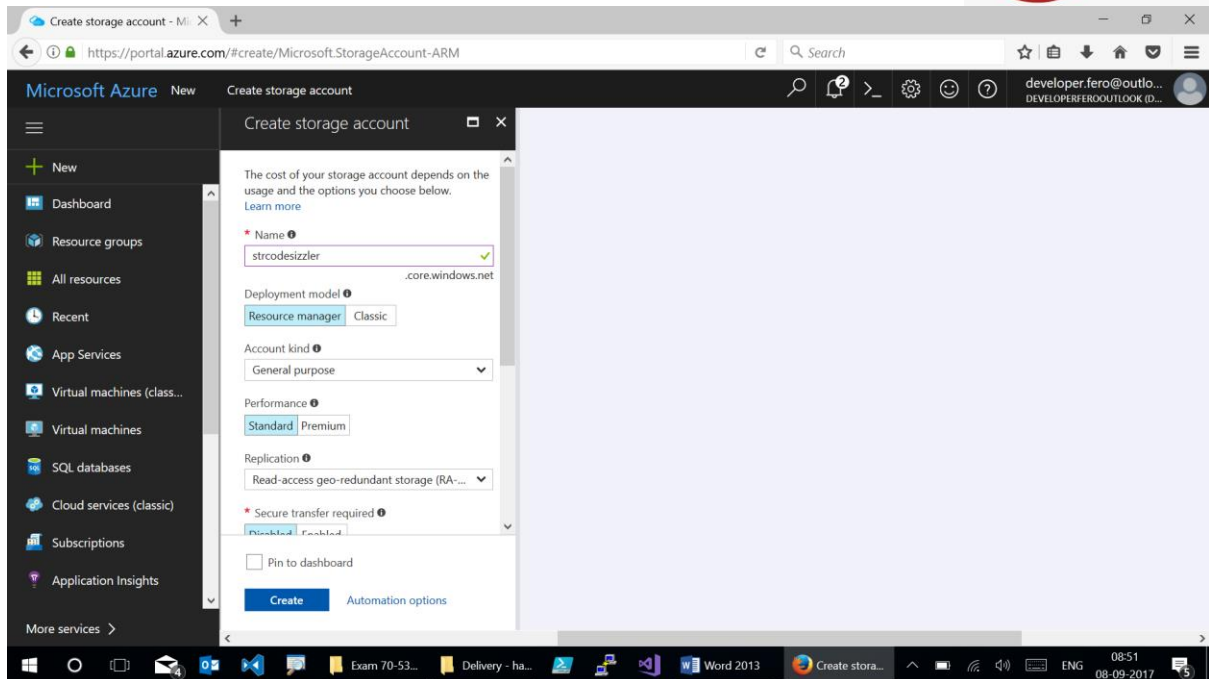


Step – 02:

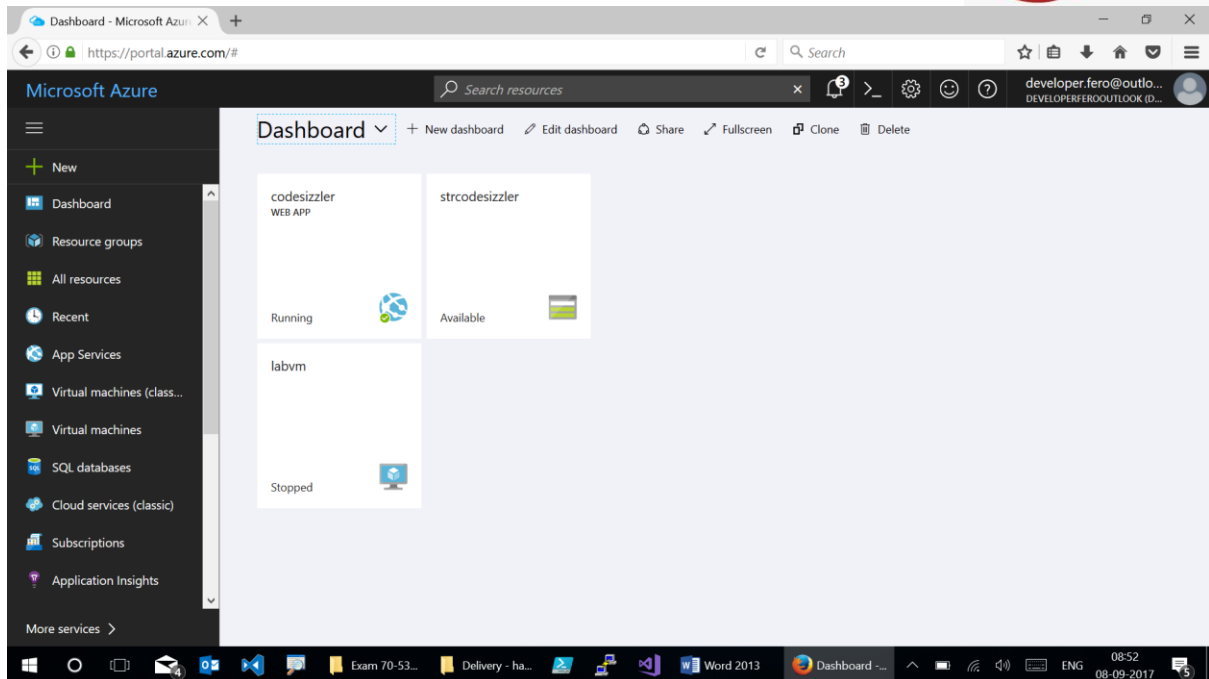
Enter the below details for the storage account which has to be created:

- Name – unique storage account name
- Deployment model – resource manager
- Account kind – General purpose
- Performance – Standard
- Replication – (RA-GRS) Read access – geo redundant storage
- Resource group – create a new resource group or an existing one
- Location – data center location by where it has to be deployed

Click on “Create” to create the storage account.



Below is the azure storage account which has been ceated on your azure storage account, open the storage account by clicking on it.



You can find the access keys for the storage account on the settings blade.


SETTINGS

Access keys

Step – 03:

In your storage account you can find the services offered on your storage like blobs, files, table and queue. Click on Blob under services.

Services



Blobs

Object storage for understanding data

[View metrics](#)

[Configure CORS rules](#)

[Setup custom domain](#)



In your blob service, click on Container to create it.



Name the container and set the public access level. Lets go for a privacy type of private by which there will be no anonymous access for the container created.

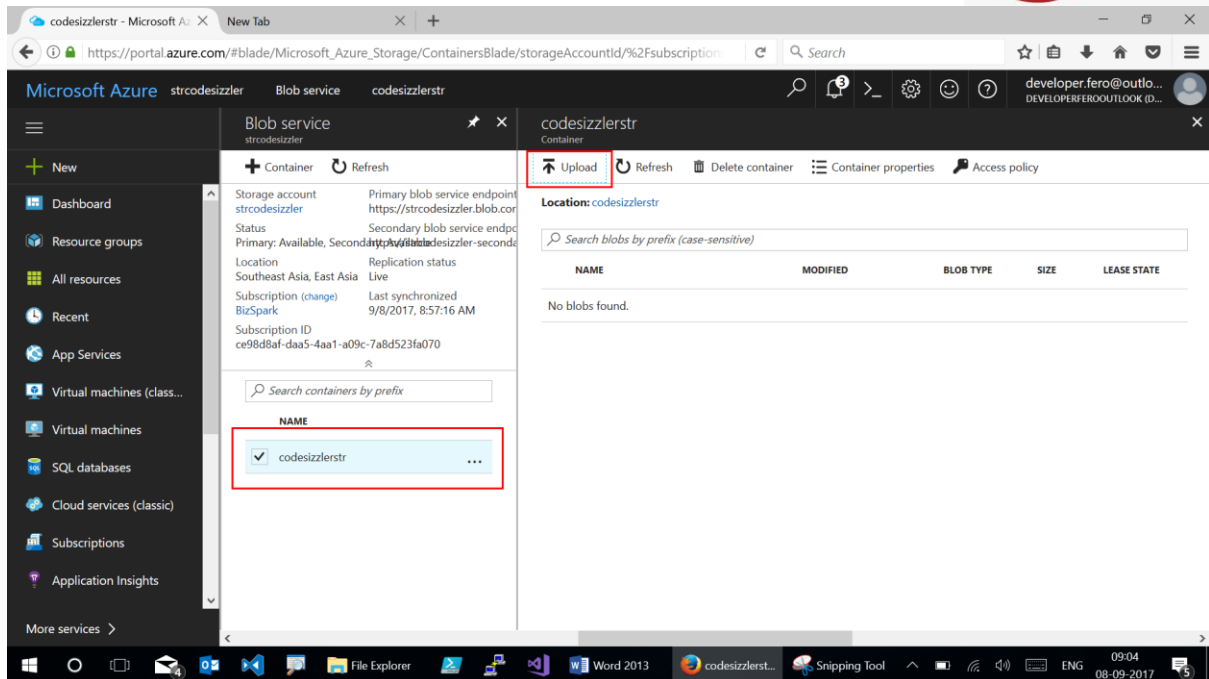
- Name the container
- Set public access level for private

Click on the container which has been created now.

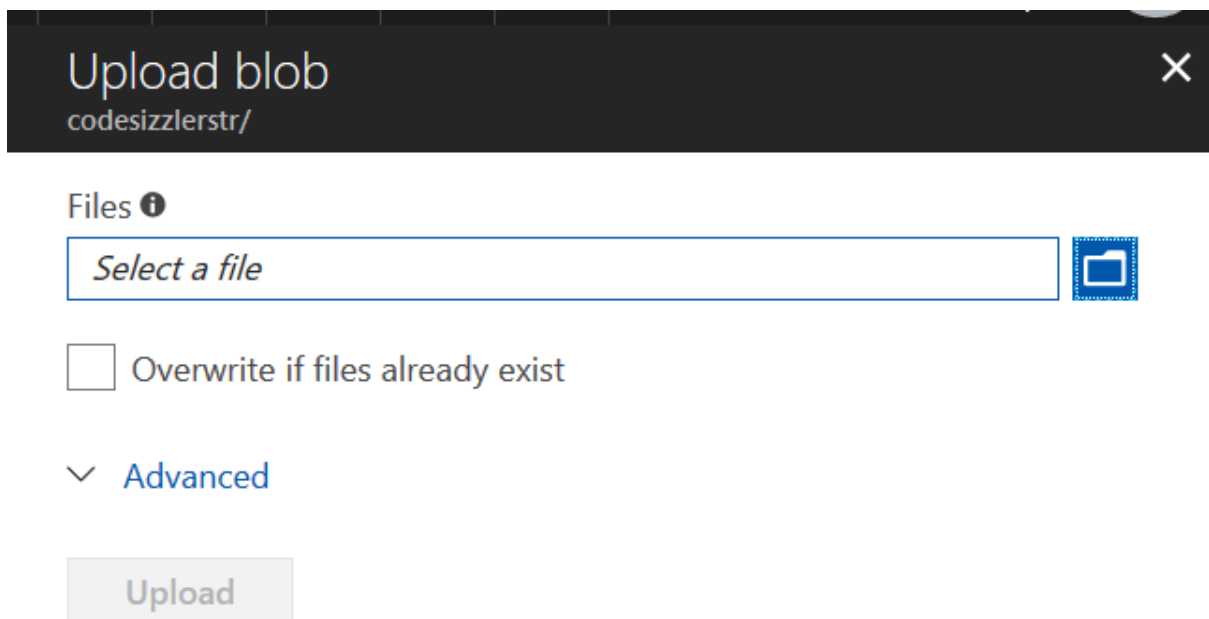
NAME	LAST MODIFIED	PUBLIC ACCESS L...	LEASE STATE
codesizzlerstr	9/8/2017, 9:01:35 AM	Private	Available ...

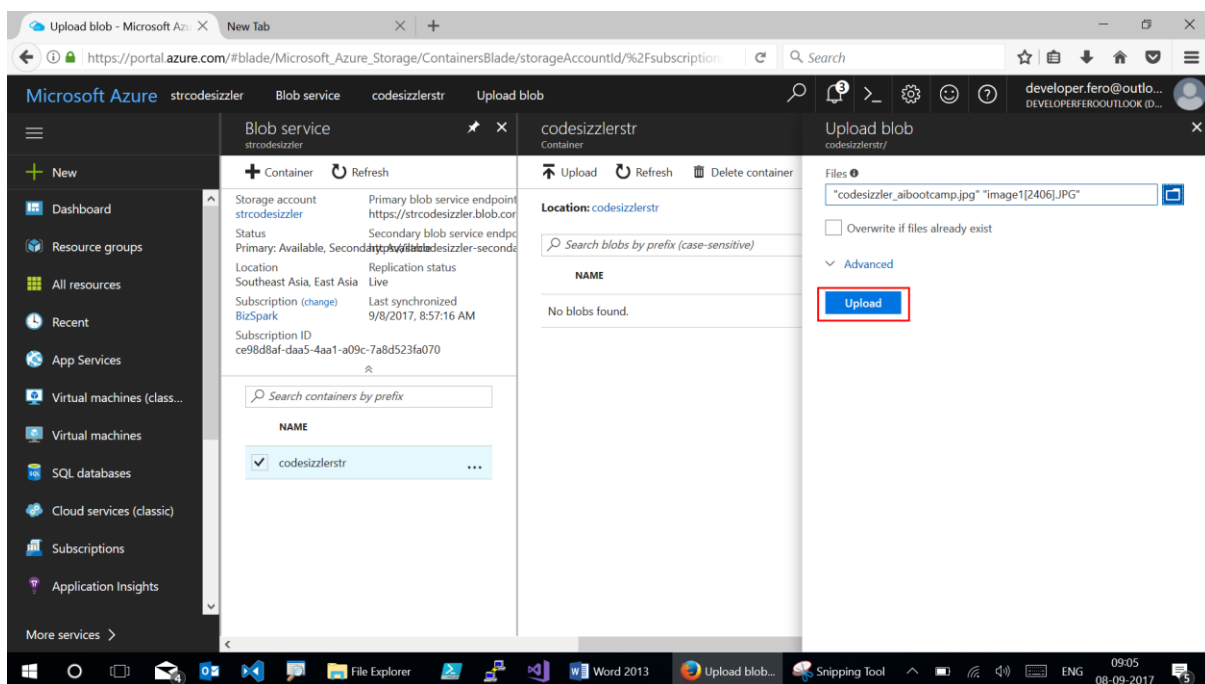
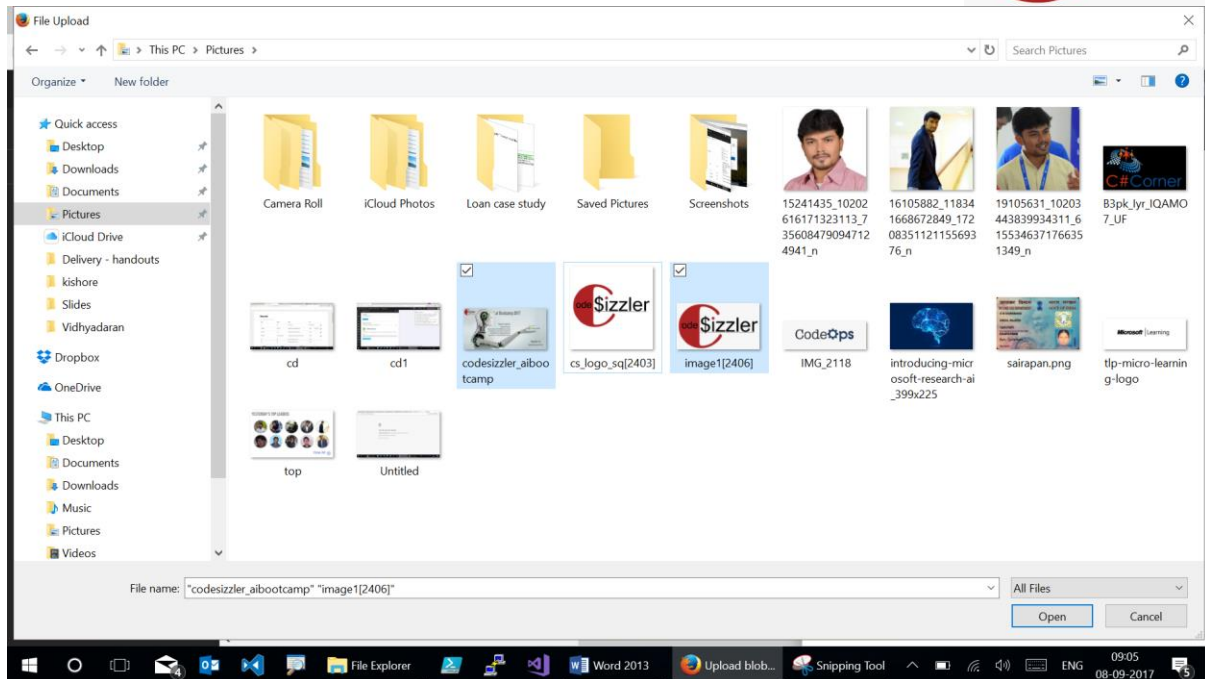
Step – 04:

Select the container and click on upload to upload files to upload files on the container.

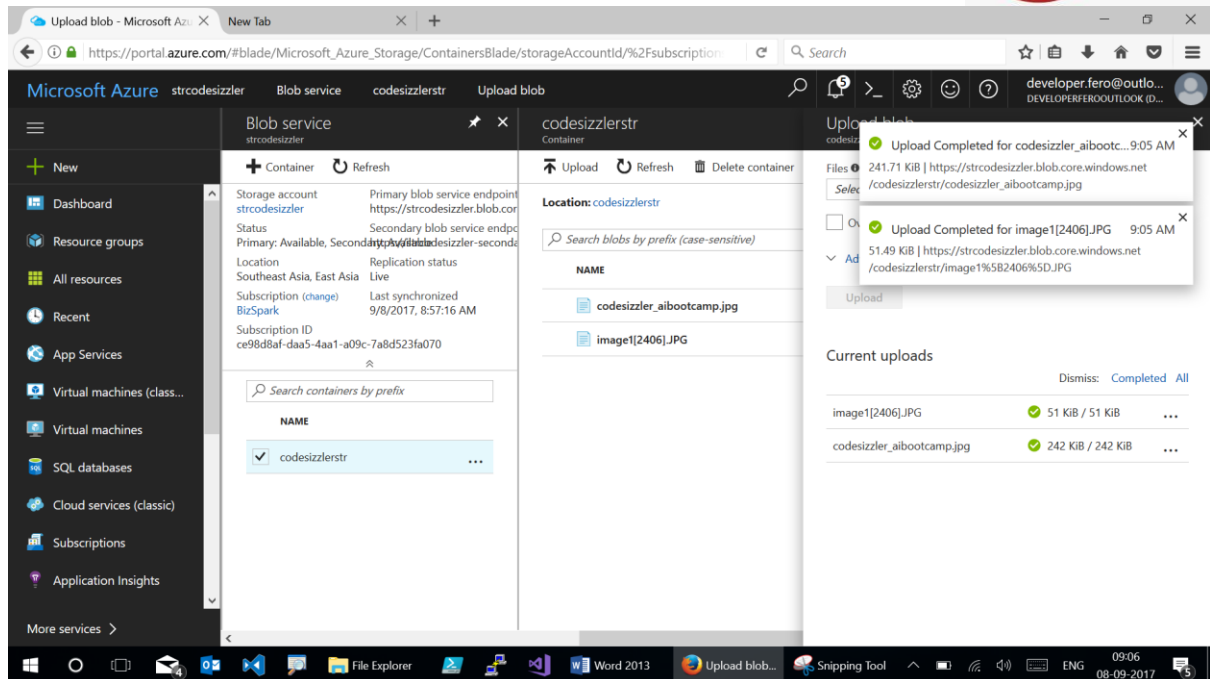


Select the files and click on the upload button to upload it.



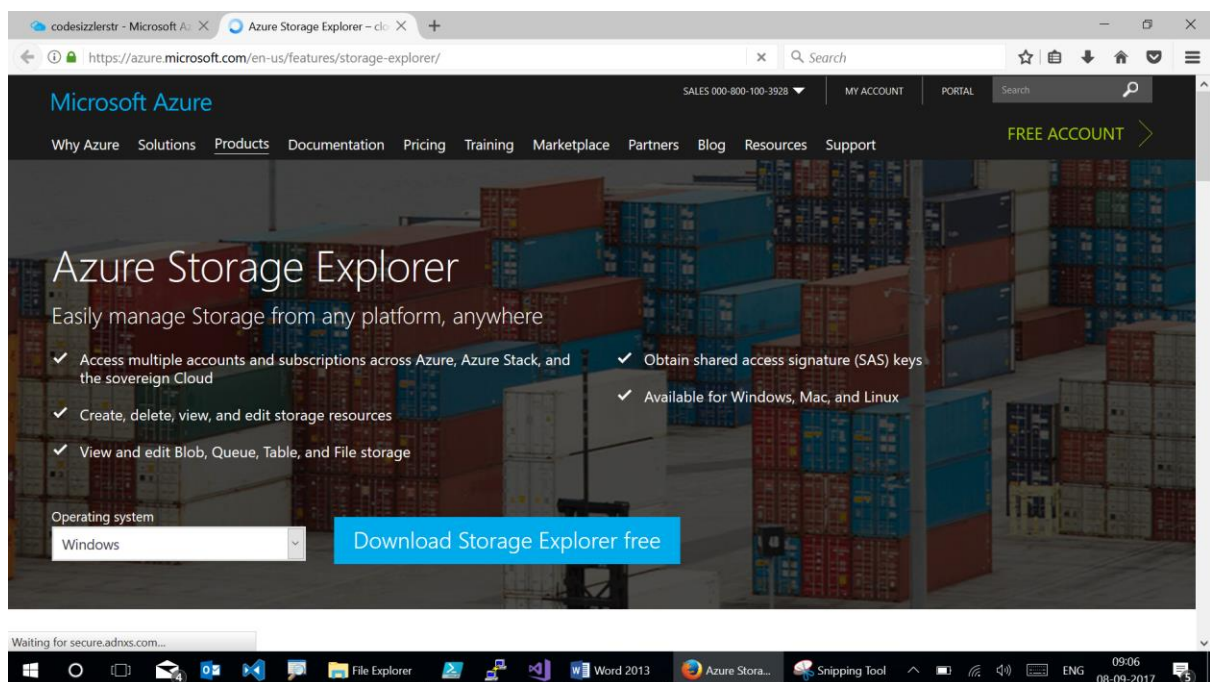


Here goes the files uploaded by which we get a notification once when the files are uploaded.

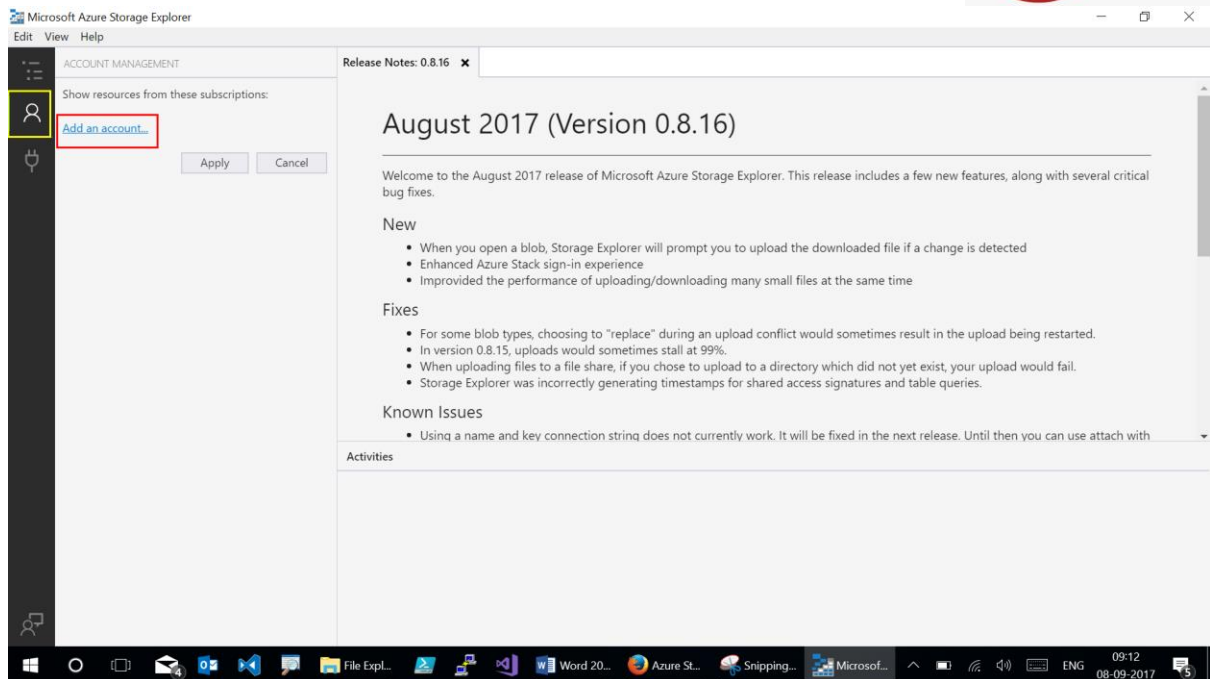


Step – 05:

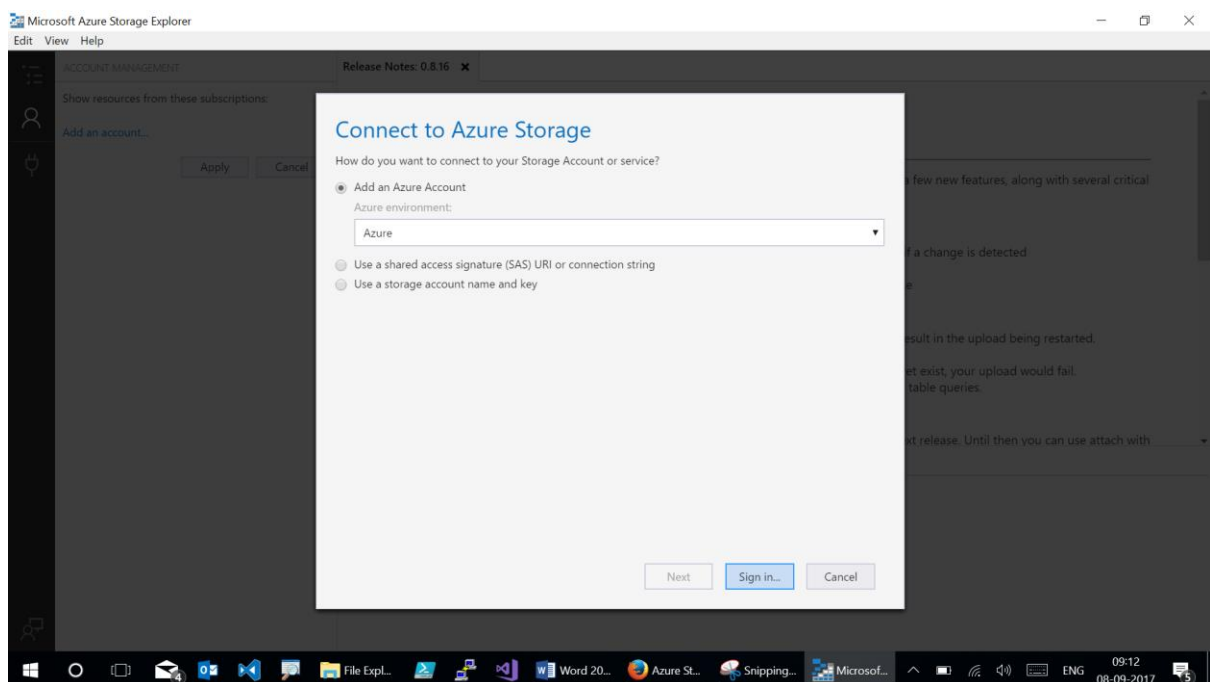
Files towards the container on storage can also be uploaded using Azure Storage Explorer. Download the Azure Storage Explorer over here - <https://azure.microsoft.com/en-us/features/storage-explorer/>



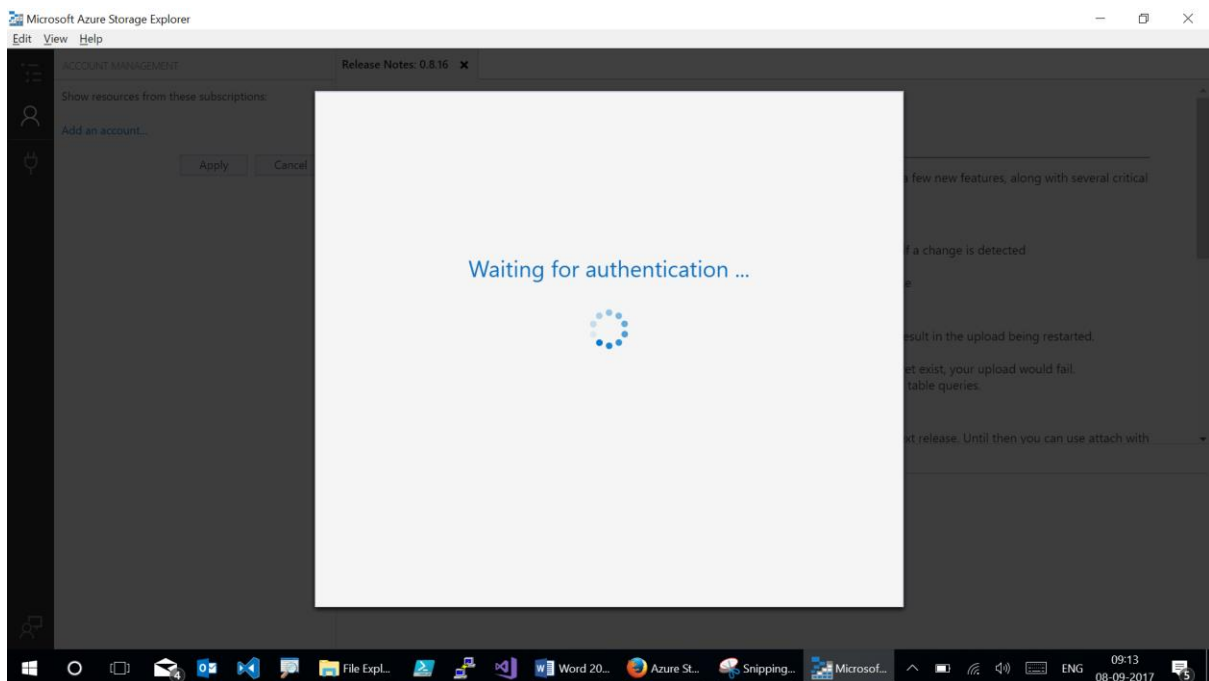
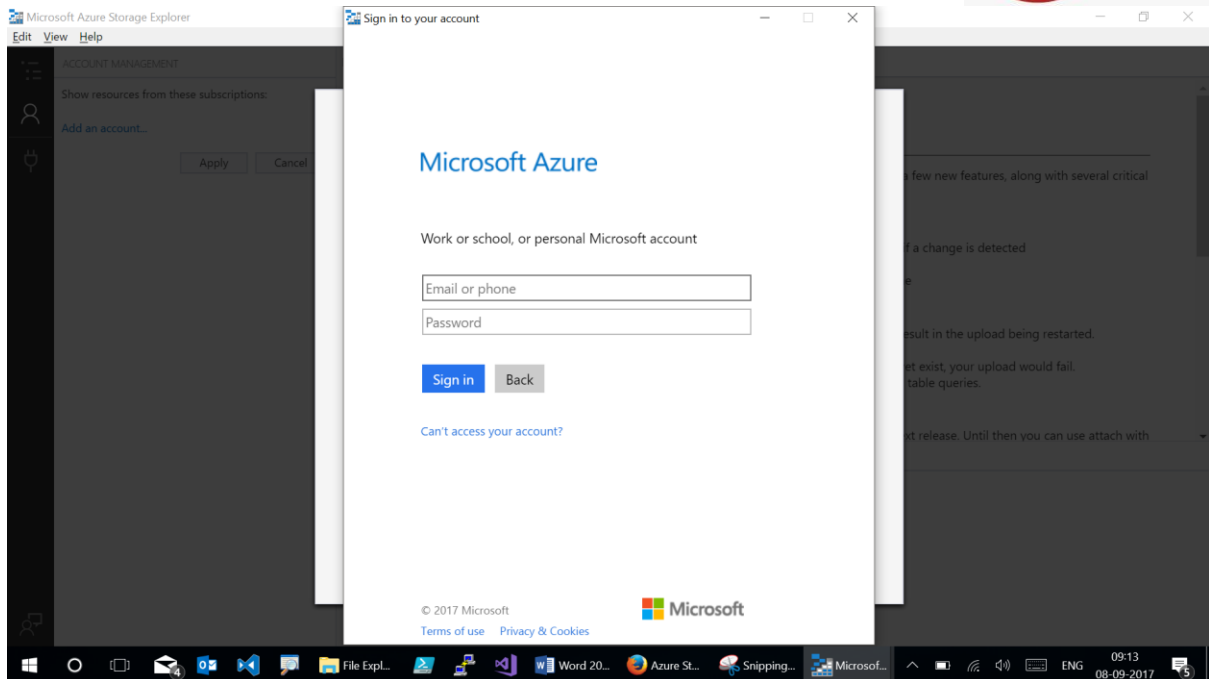
Once when azure storage explorer is installed on your machine click on Add an account as shown below to add the azure account.



Select Add an Azure Account – Azure and click on Sign in..




Sign in with the azure account



Subscriptions which are available on the signed in azure account will be shown as below:

ACCOUNT MANAGEMENT

Show resources from these subscriptions:

 **Microsoft account** [Remove](#)
developer.fero@outlook.com

☒ All subscriptions:

- ☒ BizSpark
- ☒ Visual Studio Enterprise
- ☒ DreamSpark


[Add an account...](#)





Apply

Cancel

EXPLORER

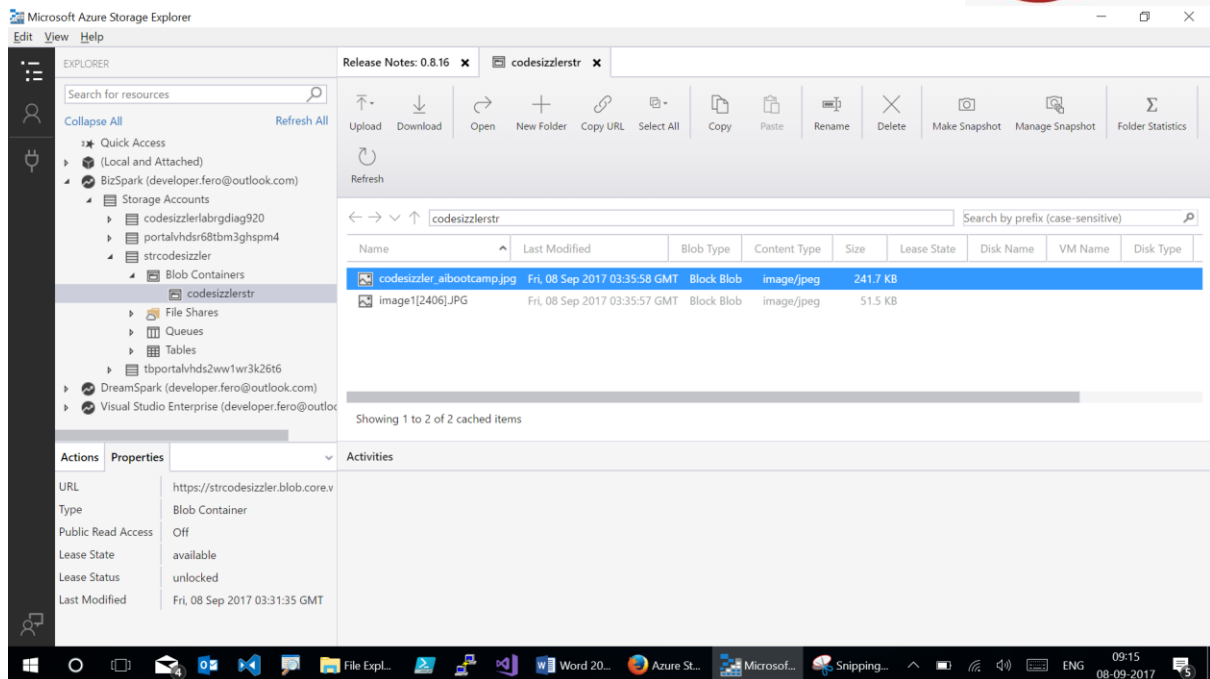
[Collapse All](#) [Refresh All](#)

 **Quick Access**

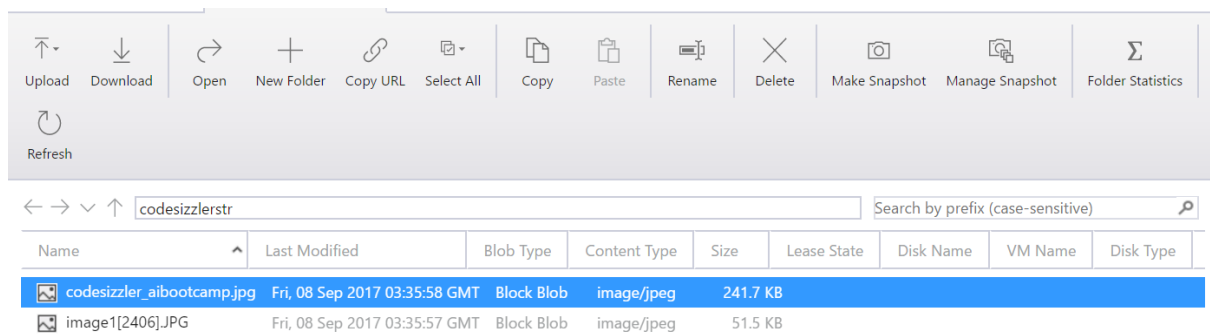
- ▶  (Local and Attached)
- ▶  BizSpark (developer.fero@outlook.com)
- ▶  DreamSpark (developer.fero@outlook.com)
- ▶  Visual Studio Enterprise (developer.fero@outlook.com)

Step – 06:

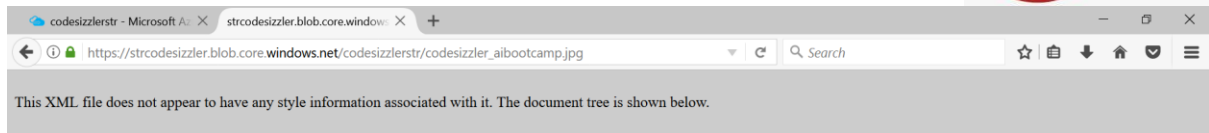
So here goes the files which are uploaded using azure portal, Azure Storage explorer can also be used to upload images.



Copy the URL using “Copy URL” button at Azure Storage Explorer and open it on browser.



Since the privacy is of private, you will not be able to find the image on browser as anonymous access is not allowed for the file.

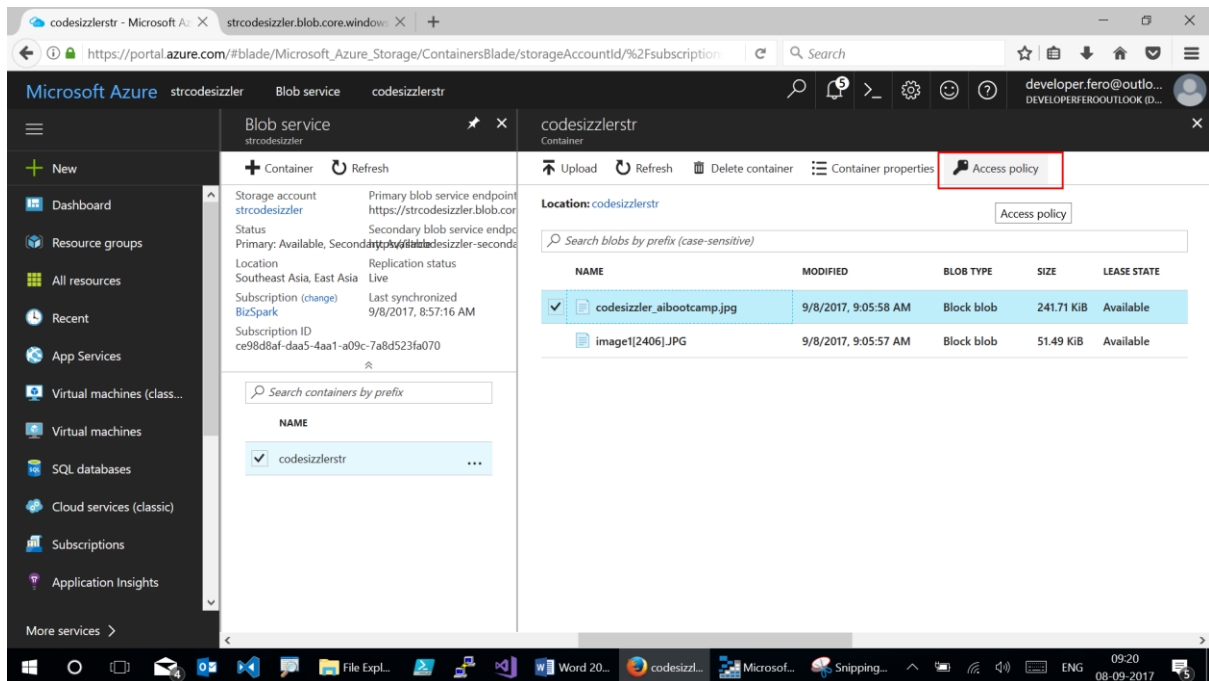


```
<?xml version="1.0" encoding="utf-8"?>
<Error>
  <Code>ResourceNotFound</Code>
  <Message>
    The specified resource does not exist. RequestId:2ebd7922-001e-0047-2055-283d9c000000 Time:2017-09-08T03:46:46.2291929Z
  </Message>
</Error>
```

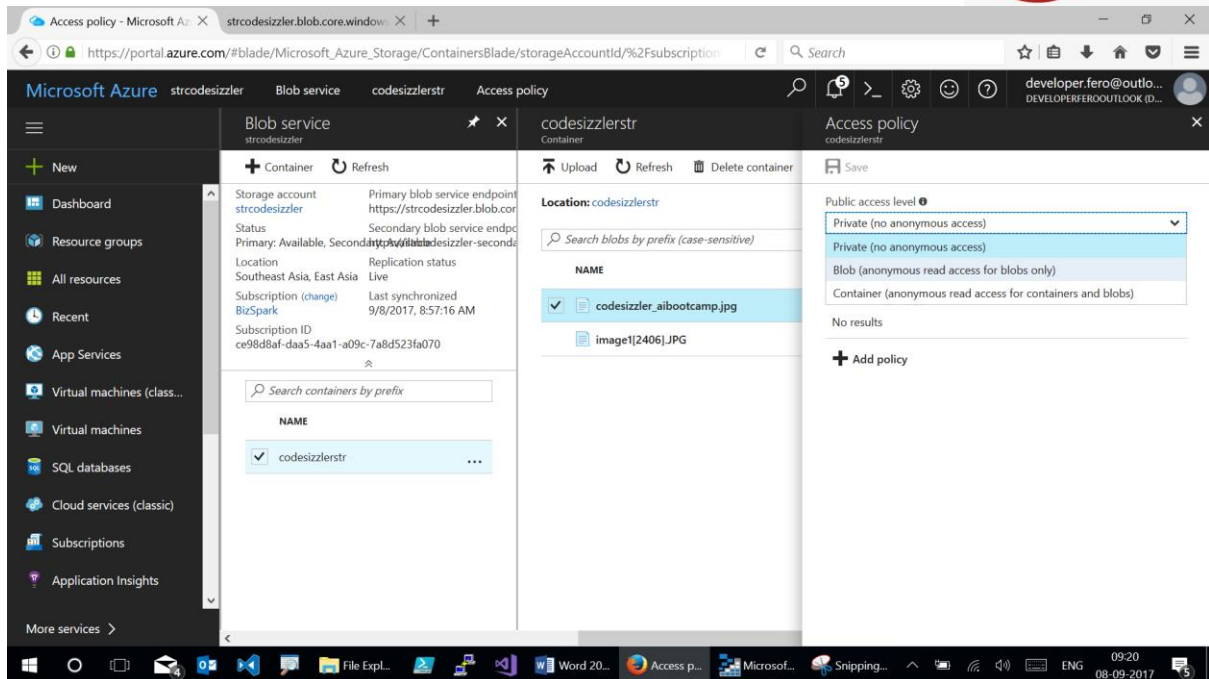


Step – 07:

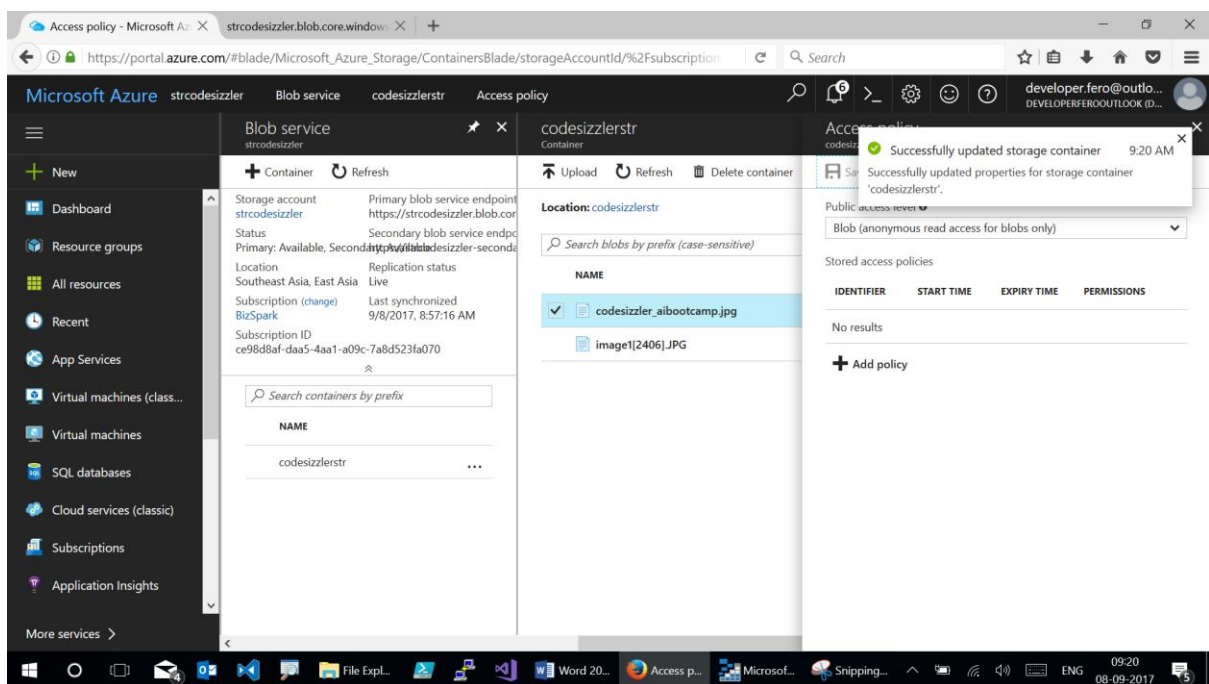
Use Access Policy to change the access type for the container.



Click on Access Policy and change the access type for Blob – this will allow anonymous access people to access the blob.



Click on Save after changing the access policy, once when it is changed you will be getting a notification as shown below.



Again copy the link and open it on a browser, you can find the file accessible as shown.



Demo Summary – Here we are done with azure storage on creating a storage account, uploading files on it, uploading files via Azure Storage Explorer and setting privacy for it.

Write us for any queries on twitter - @CodeSizzler