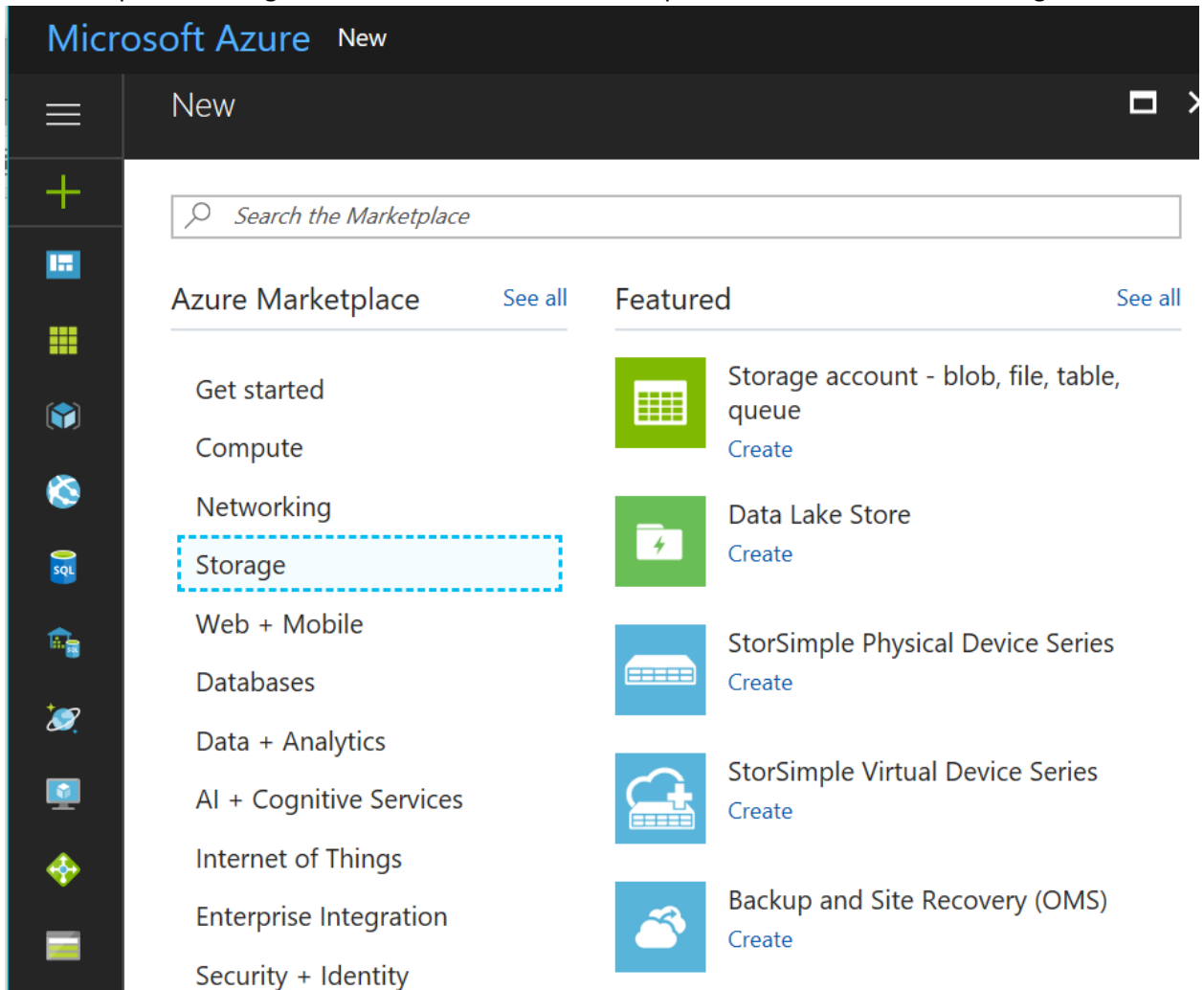


Exercise 1. Create a storage account.

In this exercise, we will use the azure portal to create a storage account. We will then use the storage explorer to add a file and download it with a web url.

1. Go to the portal and login. Click on the “+ New” at the top left. Then scroll down to storage.



2. Select storage account and then next click create at the bottom and you will see a panel of options.

1. give it a name

the replication default is read-access geo-redundant, which means that it is replicated over multiple regions.

2. you next create a “resource group”. Pick a name.
3. finally pick a location. Your account may limit your choices.
4. Finally select “pin to dashboard” and then create.

* Name ⓘ
mytutorialstore ✓
.core.windows.net

Deployment model ⓘ
Resource manager Classic

Account kind ⓘ
General purpose ▼

Performance ⓘ
Standard Premium

Replication ⓘ
Read-access geo-redundant storage (RA-... ▼

* Storage service encryption (blobs and files) ⓘ
Disabled Enabled

* Secure transfer required ⓘ
Disabled Enabled

* Subscription
azure4research ▼




Resource group
☒ Create new ☐ Use existing
tutorialrg ✓

* Location
South Central US ▼

☒ Pin to dashboard

Create Automation options

When the deployment completes you will see this

 Open in Explorer  Move  Delete storage account

Essentials ^

Resource group [\(change\)](#)
tutorialrg

Status
Primary: Available, Secondary: Available

Location
South Central US, North Central US


Subscription [\(change\)](#)
azure4research


Subscription ID
f518fe6b-5262-4e5a-80cb-05b7a39f9298


Performance
Standard


Replication
Read-access geo-redundant storage (RA-GRS)

Services

**Blobs**
Object storage for understanding data
[View metrics](#)
[Configure CORS rules](#)
[Setup custom domain](#)

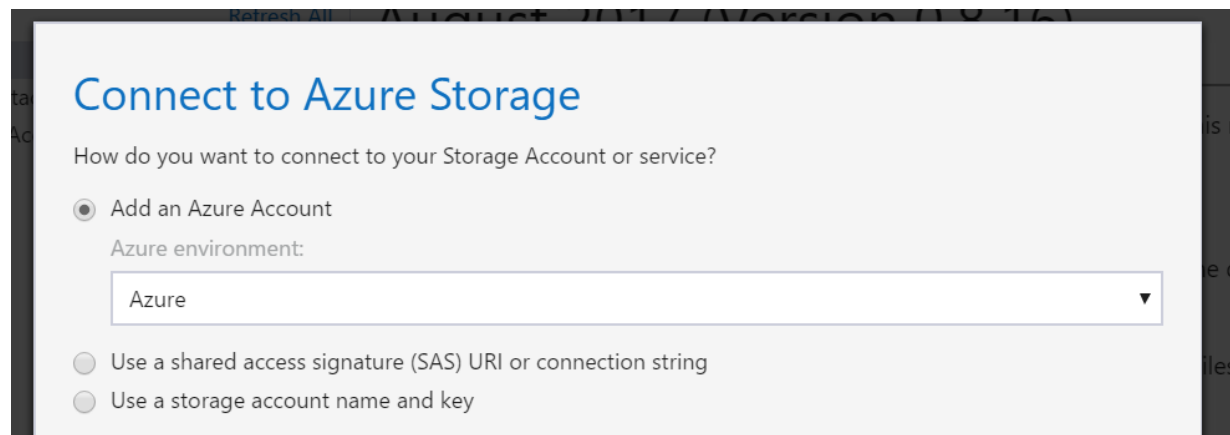
**Files**
File shares that use SMB 3.0 protocol
[View metrics](#)
[Configure CORS rules](#)

**Tables**
Tabular data storage
[View metrics](#)

**Queues**
Scale apps depending on traffic
[View metrics](#)

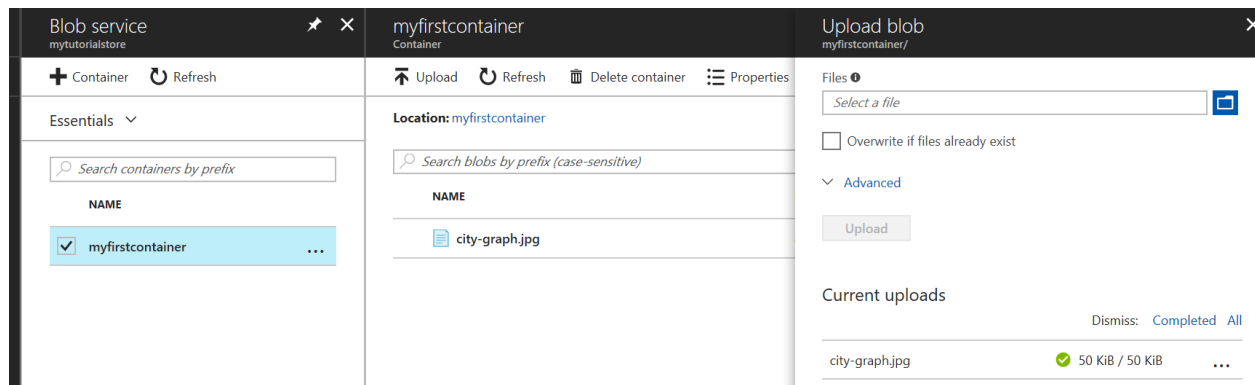
Also look to the left on the portal page and you will see “Access Keys”. Copy the name, which should be the name of your storage account. And then grab the second key.

Next fire up your Microsoft storage explorer. It should come up with a window asking you to connect to storage. If not look on the left and there is a little person shaped icon. Click on that. You will have three ways to add your account.

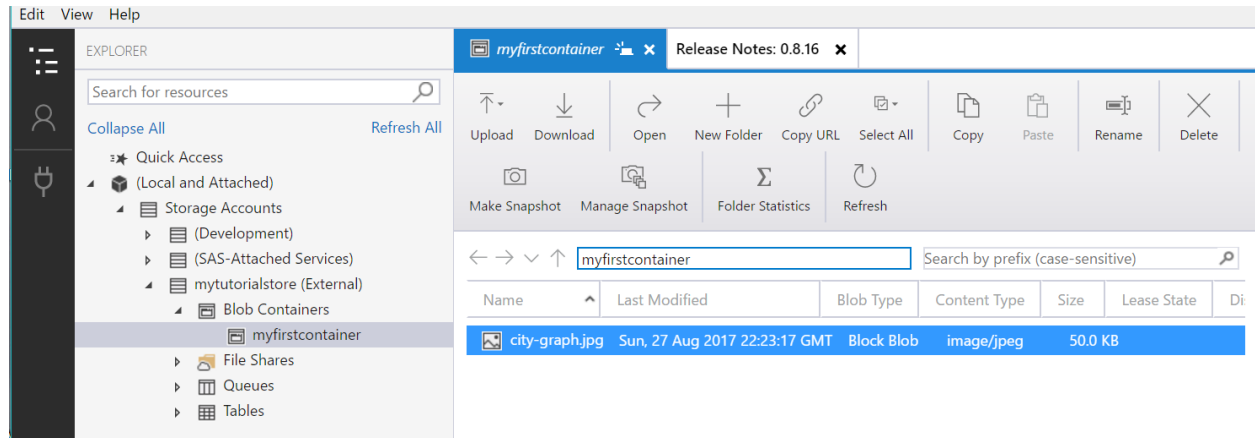


If you pick the first one you supply your azure account name and password you used to access the portal. That is the best. Or you can use the storage account name and key you copied above.

Next go to the portal again. Select “blob service” and “+ Container” and give it a name. select that container and then upload a blob from your laptop. A jpg file or text file. it doesn’t matter.



Now go back to the storage explorer. Click on the storage account. You should see a blob containers tab. Click on that. That should show you your blob.



If you change the public access policies to allow reading (by looking at the Actions tabs at the lower left in the storage explorer) you can select “copy url” and you will be able to have a proper url. Otherwise just double click on the item.

You now have the required experience with the storage explorer and an introduction to the portal. Go on to the next exercise.

If you are already familiar with Jupyter and python you can try to do project 1b which digs deeper into azure storage.