5.6 Azure Blob Storage



This section will guide you to:

* Create an Azure Storage account and create a container upload file as a Blob

**Development Environment:**

* Windows 10
* Windows Azure cloud

This guide has four subsections, namely:

5.6.1 Creating an Azure Storage account

5.6.2 Creating a container

5.6.3 Uploading file as a Blob

5.6.4 Pushing the code to GitHub repositories

**Step 5.6.1:** Creating an Azure Storage account

* An Azure account has been enabled in your practice lab. Refer DotNet Lab guide: Phase 4 to learn how to use the practice lab.
* Login to the Azure Portal with the Azure/Microsoft credentials provided in the lab.
* From the portal dashboard, click **More Services.**
* In the next page click **Storage Accounts.**
* On the Storage Accounts page, click **Add** at the top.
* For **Resource Group,** either select an existing one or click **Create New.**
* For **Storage Account Name,** choose a globally unique name.
* Make sure that the storage account is in East US or West US.
* For the Replication field, select Locally Redundant Storage.
* Click **Next:Networking.**
* Click **Next:Advanced.**
* Click **Next:Tags.**
* Click **Next:Review+Create.**
* Click **Create** after it has passed the validation tests.
* Wait till the deployment is complete.
* Click on **Go to Resource** to view the storage.

**Step 5.6.2:** Creating a container

* In the overview page of the Storage Account, look for **Containers** and click on it.
* Click **+Container.**
* Type a container name using only lowercase alphabets or numbers or a dash. The name must be globally unique.
* Click **Ok.**
* The created container will now show in the list of containers.

**Step 5.6.3:** Uploading file as a Blob

* In your local system, create a text file using a text editor. Add some text to it and save it as blobtest.txt.
* Click on the container listed in the container list.
* Click on **Upload.**
* In the upload popup, upload blobtest.txt and click Upload.
* The file will now show in the list of uploads for the container.

**Step 5.6.4:** Pushing the code to your GitHub repositories

Open your command prompt and navigate to the folder where you have created your files.

cd <folder path>

Initialize your repository using the following command:

git init

Add all the files to your git repository using the following command:

git add .

Commit the changes using the following command:

git commit -m “Changes have been committed.”

Push the files to the folder you created initially using the following command:

git push -u origin master