5.7 Azure File Storage



This section will guide you to:

* Create an Azure Storage account and setup file share

**Development Environment:**

* Windows 10
* Windows Azure cloud

This guide has three subsections, namely:

5.7.1 Creating an Azure Storage account

5.7.2 Setting up File Share

5.7.3 Pushing the code to GitHub repositories

**Step 5.7.1:** 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 5.7.2:** Setting up File Share

* In the Storage Account review page, look for **File Share** in the left bar and click on it.
* Click **+File Share.**
* In the popup, enter a name using only lowercase alphabets, numbers or a hyphen. The name must be globally unique.
* For **Quota** enter 1 GB.
* Click **Create.**
* This will show the File Share in the list of File Shares. Click on the row. It will take you to the File Share Overview page.
* Click **Upload.**
* In the upload popup, upload any file from your local system which is less than 1 GB in size.
* Click on **Upload.**
* On successful upload, the file will be visible in the list of files.

**Step 5.7.3:** 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