

Create blob storage


Introduction

In this walkthrough, we will create a storage account, then work with blob storage files.

Task 1: Create a storage account

In this task, we will create a new storage account.

- 1- Sign into the Azure portal <https://portal.azure.com> at the following link using the username and password provided by the instructor.
- 2- From the All services blade, search for and select Storage accounts, and then click + Add, + Create, + New.
- 3- On the Basics tab of the Create storage account blade, fill in the following information (replace xxxx in the name of the storage account with letters and digits such that the name is globally unique). Leave the defaults for everything else.

Setting	Value
Subscription	CloudShare2
Resource group	myRGStorage-C1IV389O5W
Storage account name	 storageaccountxxxx
Location	(US) East US
Performance	Standard
Replication	Locally redundant storage (LRS)

- 4- Click Review + Create to review your storage account settings and allow Azure to validate the configuration.
- 5- Once validated, click Create. Wait for the notification that the account was successfully created.
- 7- From the Home page, search for and select Storage accounts and ensure your new storage account is listed.

Task 2: Work with blob storage

In this task, we will create a Blob container and upload a blob file.

- 1- Click the name of the new storage account, scroll to the Data Storage section, and then click Containers.
- 2- Click + Container and configure using the following information then click Create. Use the Information icons to learn more. When done click OK.

Setting	Value
Name	 container1
Public access level	Private (no anonymous access)

3- Click the container1 container, and then click Upload.

4- Browse to a file on your local computer.

Note: You can create an empty .txt file or use any existing file. Consider choosing a file of a small size to minimize the upload time.

5- Click the Advanced arrow, leave the default values but review the available options, and then click Upload.

Note: You can upload as many blobs as you like in this way. New blobs will be listed within the container.

6- Once the file is uploaded, right-click on the file and notice the options including View/edit, Download, Properties, and Delete.

7- As you have time, from the storage account blade, review the options for Files, Tables, and Queues.

Task 3: Monitor the storage account

1- If needed, return to the storage account blade and click Diagnose and solve problems.

2- Explore some of the most common storage problems. Notice there are multiple troubleshooters.

3- On the storage account blade, scroll down to the Monitoring section and click Insights. Notice there is information on Failures, Performance, Availability, and Capacity. Your information will be different.

Congratulations! You have now completed this lab.