

05 - Create blob storage

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

Task 1: Create a storage account (5 min)

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

1. Sign in to the Azure portal at <https://portal.azure.com>
2. From the **All services** blade, search for and select **Storage accounts**, and then click **+ Add**.
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	Choose your subscription
Resource group	myRGStorage (create new)
Storage account name	storageaccountxxxx
Location	(US) East US
Performance	Standard
Account kind	StorageV2 (general purpose v2)
Replication	Locally redundant storage (LRS)

Note - Remember to change the **xxxx** so that it makes a unique **Storage account name**

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.
6. From the Home page, search for and select **Storage accounts** and ensure your new storage account is listed.


All services > Storage accounts

Storage accounts
Default Directory

[+ Add](#) [Edit columns](#) [Refresh](#) [Export to CSV](#) [Assign tags](#) [Delete](#) [Feedback](#) [Leave preview](#)

Filter by name... [Subscription == all](#) [Resource group == all](#) [Location == all](#) [Add filter](#)

Showing 1 to 2 of 2 records.

<input type="checkbox"/> Name ↑↓	Type ↑↓	Kind ↑↓	Resource group ↑↓	Location ↑↓
<input type="checkbox"/>  storageaccount124342	Storage account	StorageV2	myRGStorage	East US

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 **Blob service** section, and then click **Containers**.
2. Click **+ Container** and complete the information. Use the Information icons to learn more. When done click **OK**.

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

+ Container
🔒 Change access level
🔄 Refresh
🗑️ Delete

Name	Last modified	Public access level	Lease state
<input type="checkbox"/> container1	1/7/2020, 9:21:42 AM	Private	Available

- Click the **container1** container, and then click **Upload**.
- 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.
- 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.
- Once the file is uploaded, right-click on the file and notice the options including View/edit, Download, Properties, and Delete.
- As you have time, from the storage account blade, review the options for Files, Tables, and Queues.

Task 3: Monitor the storage account

- If needed, return to the storage account blade and click **Diagnose and solve problems**.
- Explore some of the most common storage problems. Notice there are multiple troubleshooter.
- 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.

Insights

Workbooks Customize Refresh Notifications Pin Feedback Help

Time Range: Last 4 hours

Overview

Failures

Performance

Availability

Capacity

Availability

100

Average | Percentage

Transactions

28

Count

Success E2E Latency

22.32

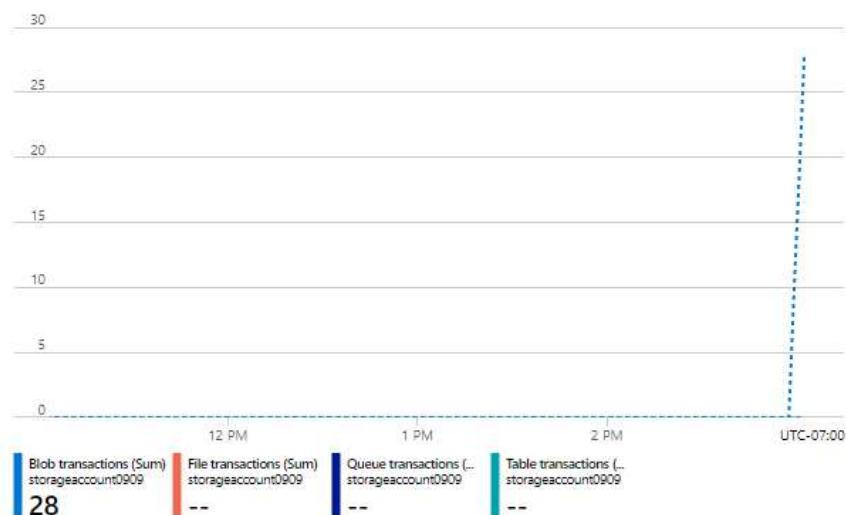
Average | Milliseconds

Success Server Latency

18.26

Average | Milliseconds

Transactions by storage type



Congratulations! You have created a storage account, then worked with storage blobs.

Note: To avoid additional costs, you can remove this resource group. Search for resource groups, click your resource group, and then click **Delete resource group**. Verify the name of the resource group and then click **Delete**. Monitor the **Notifications** to see how the delete is proceeding.