

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

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, + 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	Leave provided default
Resource group	Create new resource group
Storage account name	storageaccountxxxxx
Location	(US) East US
Performance	Standard
Redundancy	Locally redundant storage (LRS)

Note - Remember to change the xxxxx 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](#)

[+ 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 **Data storage** section in the left menu, and then click **Containers**.
2. Click **+ Container** and complete the information. Use the Information icons to learn more. When done click **Create**.

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

3. Open a new browser window and search **Bing** for an image of a flower. Right click on the image and save it to your VM.
4. Back in the Portal, click on **container1** , and then select **Upload**.
5. Browse for the image file you just saved on your local computer. Select it and then select upload.
6. Click the **Advanced** arrow, leave the default values but review the available options, and then click **Upload**.

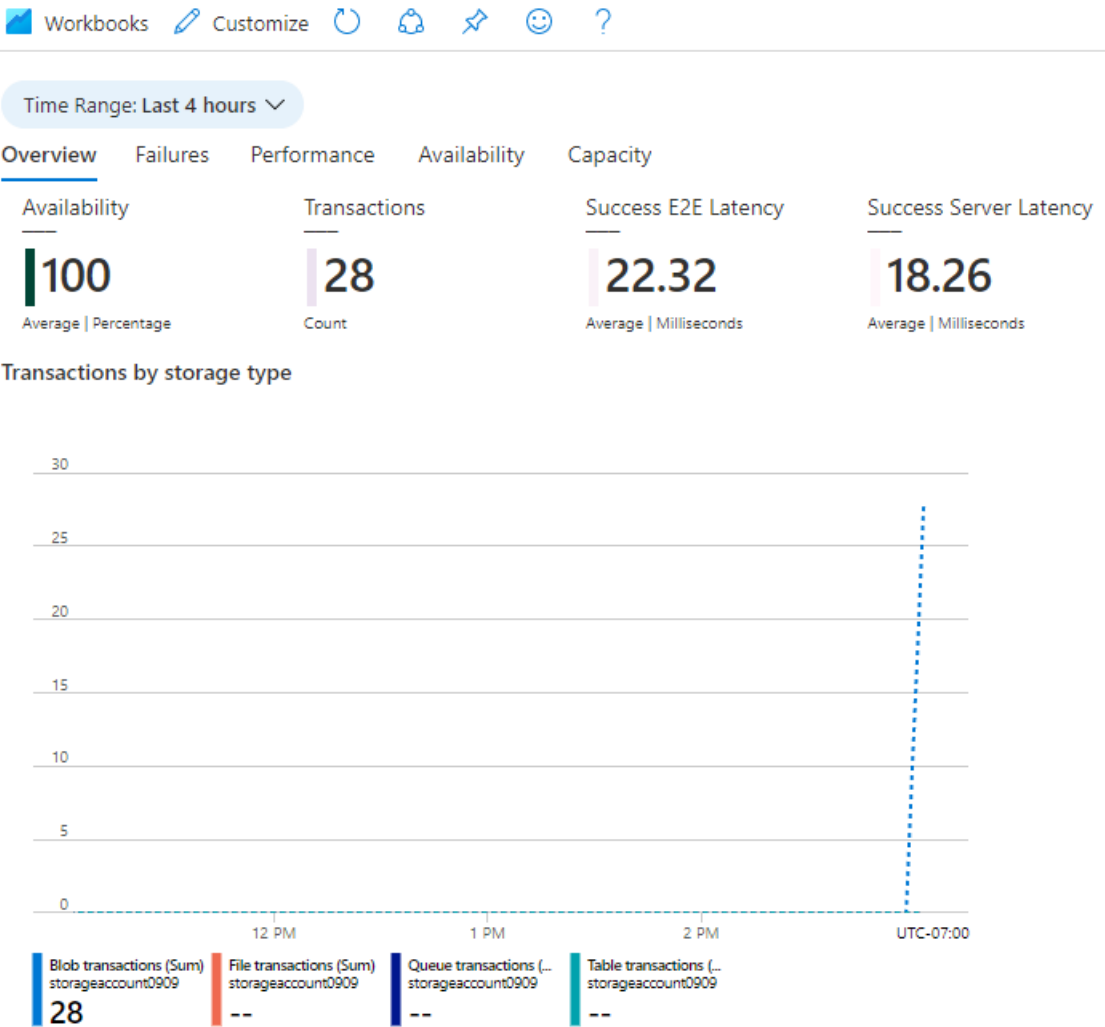
Note: You can upload as many blobs as you like in this way. New blobs will be listed within the container.

7. Once the file is uploaded, right-click on the file and notice the options including View/edit, Download, Properties, and Delete.
8. If you have time review the options for Files, Tables, and Queues.

Task 3: Monitor the storage account

1. 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 here.
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.

Insights



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

Note: To avoid additional costs, you can optionally 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.

