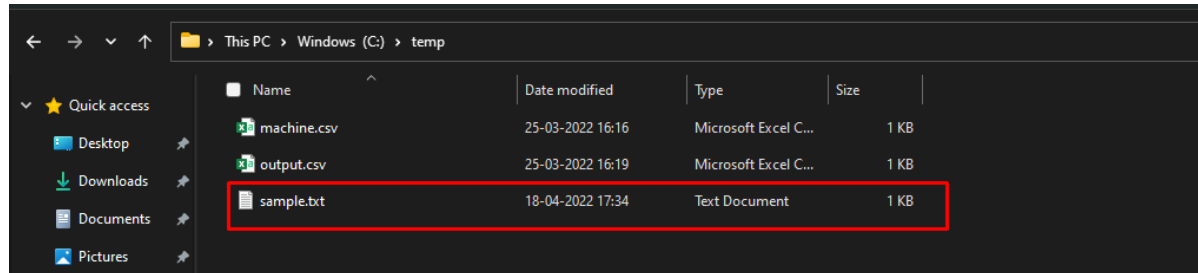


In this exercise, we will talk about using PowerShell script to upload a file from a computer to Azure blob container



Start by creating a **storage account** with the default configuration. Provide a unique name for the **name**

[Home](#) > [Storage accounts](#)

## Create a storage account

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Azure Storage is a Microsoft-managed service providing cloud storage that is highly available, secure, durable, scalable, and redundant. Azure Storage includes Azure Blobs (objects), Azure Data Lake Storage Gen2, Azure Files, Azure Queues, and Azure Tables. The cost of your storage account depends on the usage and the options you choose below. [Learn more about Azure storage accounts](#)

### Project details

Select the subscription in which to create the new storage account. Choose a new or existing resource group to organize and manage your storage account together with other resources.

Subscription \*

Resource group \*   
[Create new](#)

### Instance details

If you need to create a legacy storage account type, please click [here](#).

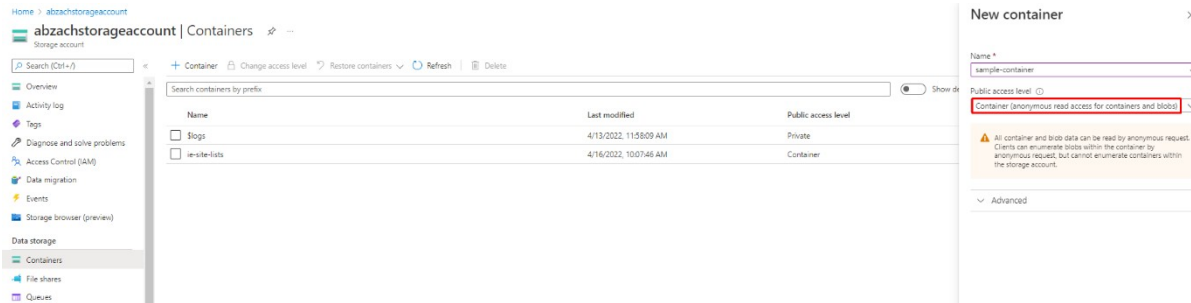
Storage account name ⓘ \*

Region ⓘ \*

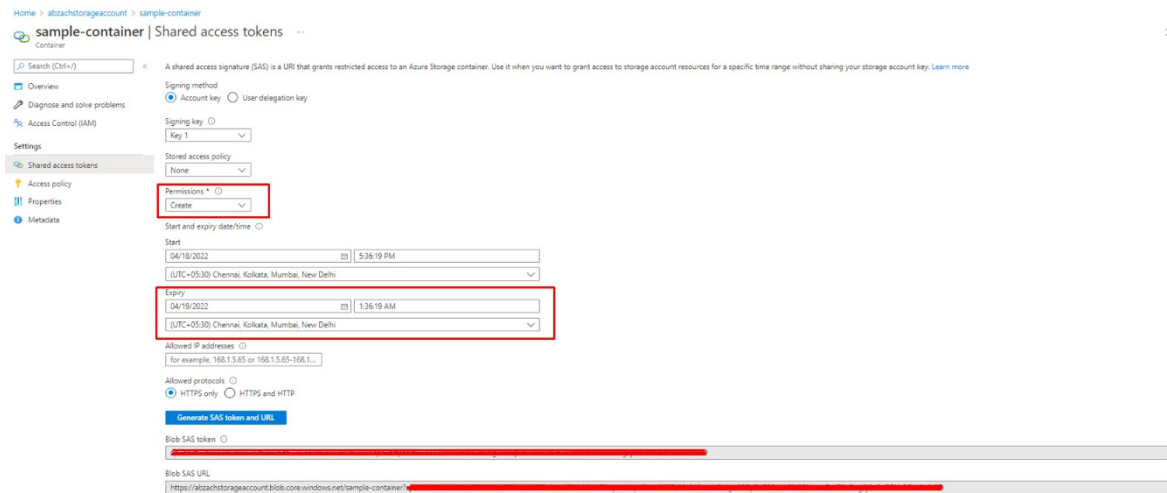
Performance ⓘ \*  
☒ Standard: Recommended for most scenarios (general-purpose v2 account)  
☐ Premium: Recommended for scenarios that require low latency.

Redundancy ⓘ \*

Create a new **container** with the below configuration



Open the new container and go to **shared access tokens** blade. Select **create** permissions and change the **expiry** date to future date



Copy the **Blob SAS URL** to the script provided in this repo. Make sure to specify the folder structure and “\$(name)” correctly in the URL. The section in red is the **Blob SAS token**

```
1 # Change execution policy
2 # Set-ExecutionPolicy Unrestricted -Scope CurrentUser
3
4 # Start logging
5 $logfilepath="C:\temp\upload-to-azureblob-script.log"
6 Start-Transcript -Path $logfilepath
7
8 # Specify file to upload
9 $file = "C:\temp\sample.txt"
10 $name = (Get-Item $file).Name
11
12 # Target URL format = SAS-URL/Container/Folder/$name?SAS-token
13 $uri = "https://abzachstorageaccount.blob.core.windows.net/sample-container/$(name)"
14 # Required headers
15 $headers = @{
16     "x-ms-blob-type" = 'BlockBlob'
17 }
18
19 # Uploading file
20 Invoke-RestMethod -Uri $uri -Method Put -Headers $headers -InFile $file
21
22 # Stop logging
23 Stop-Transcript
```

# Admins can view or download all the uploaded files using **storage browser**

Home > abzachtstorageaccount

abzachtstorageaccount | Storage browser (preview)

Storage account

Search (Ctrl+F)

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View all

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Queues

Tables

+ Add Directory

Upload

Change access level

Refresh

Delete

Copy

Paste

Clone

Acquire lease

Break lease

Edit columns

Blob containers > sample-container

Authentication method: Access key (Switch to Azure AD User Account)

Add filter

Search blobs by prefix (case-sensitive)

Only show active blobs

Showing all 1 items

<input type="checkbox"/>	Name	Last modified	Access tier	Blob type	Size	Lease state	
<input type="checkbox"/>	sample.txt	4/18/2022, 5:37:25 PM	Hot (Inferred)	Block blob	4 B	Available	...