

Connecting Azure Storage Explorer with Azure Container

Objective:

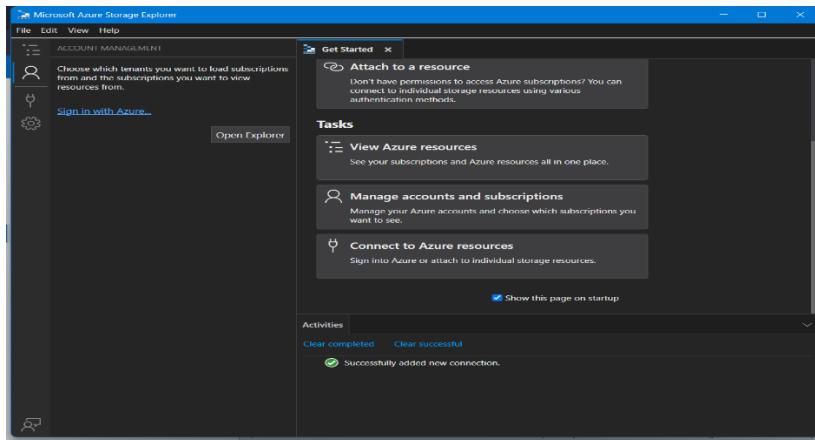
To demonstrate the installation and configuration of Azure Storage Explorer, and how to connect it with an Azure Blob Storage container.

Step 1: Download and Install Azure Storage Explorer

1. Go to the official site:
<https://azure.microsoft.com/en-us/products/storage/storage-explorer/>
2. Choose your OS and click Download.
3. Run the installer and follow the on-screen instructions.
4. Once installed, launch Azure Storage Explorer.

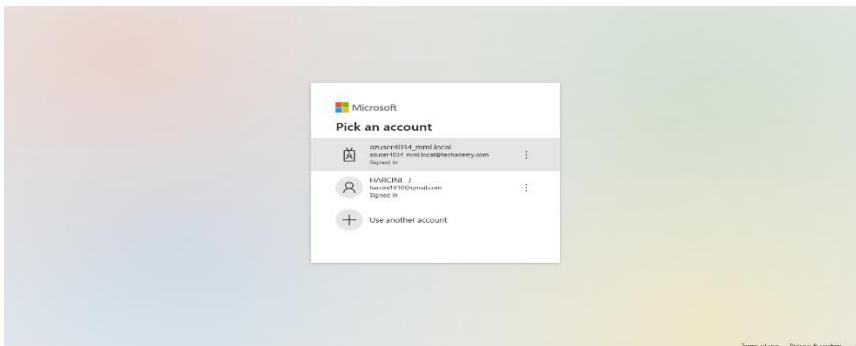
Step 2: Sign In with Azure Account

1. Open Storage Explorer.
2. In the left-hand panel, click on Account Management (👤 icon) or go to Edit > Account Management.

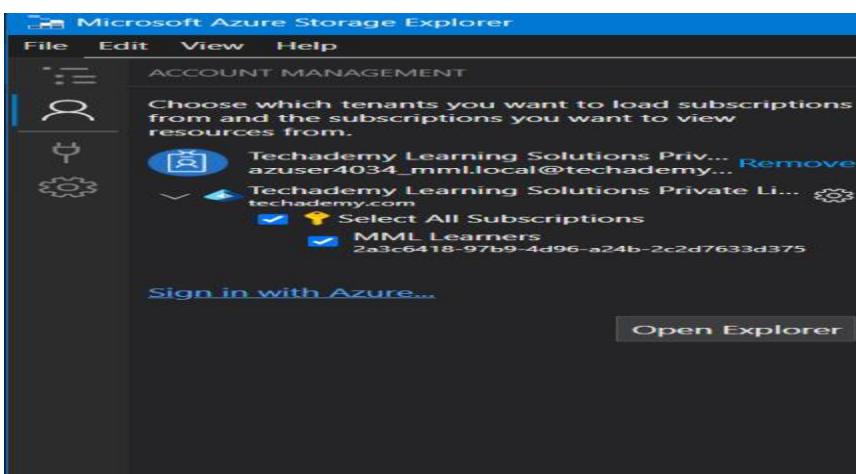


3. Click on Add an Account.
4. Choose Azure and then click Next.

5. Sign in using your Azure credentials.

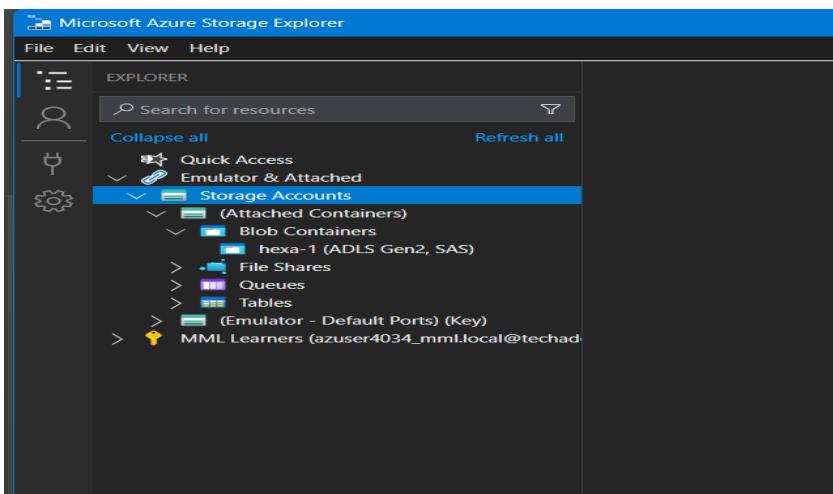


6. Once signed in, your Azure subscriptions and resources will appear in the Explorer panel.

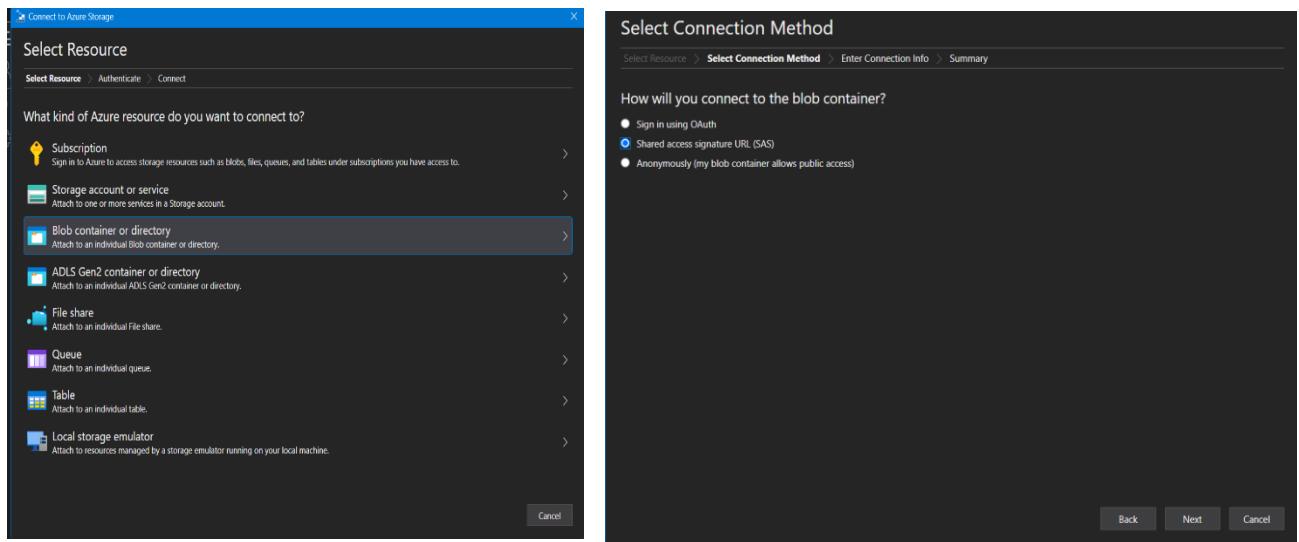


Step 3: Navigate to Your Blob Container

1. Expand the following hierarchy in the Explorer panel:
Subscriptions > [Your Subscription] > Storage Accounts > [Your Storage Account] > Blob Containers



2. Click on your Blob Container to open it.



3. Now open the azure containers

The screenshot shows the 'Containers' section of the Azure Storage blade for the 'hexadatatoragegen20' account. The left sidebar has 'Containers' selected under 'Data storage'. The main area displays two containers: 'Logs' and 'hexa'. A table provides details for each:

Name	Last modified	Anonymous access level	Lease state
Logs	8/7/2025, 11:19:13 AM	Private	Available
hexa	8/7/2025, 11:45:13 AM	Private	Available

4. Next click on the file name in the container

The screenshot shows the 'Overview' page for the 'hexa' container. The left sidebar has 'Overview' selected. The main area displays two blobs: 'hexa' and 'departments.csv'. A table provides details for each:

Name	Last modified	Access tier	Blob type	Size	Lease state
hexa	8/7/2025, 11:49:37 AM				...
departments.csv	8/7/2025, 11:49:54 AM	Hot (Inferred)	Block blob	53 B	Available

5. Now click on the shared access token

Home > hexadatstoragen20 | Containers > hexa

hexa Container

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

Shared access tokens

Manage ACL

Access policy

Properties

Metadata

Authentic

Showing 2

Start and expiry date/time

Start: 08/08/2025 3:48:29 PM
(UTC +05:30) Chennai, Kolkata, Mumbai, New Delhi

Expiry: 08/08/2025 12:03:29 AM
(UTC +05:30) Chennai, Kolkata, Mumbai, New Delhi

Allowed IP addresses: 168.1.5.65 or 168.1.5.65-168.1...

Allowed protocols: HTTPS only

Generate SAS token and URL

6. Now in the permissions click on all 10 and give generate sas token and url

Home > hexadatstoragen20 | Containers > hexa

hexa Container

Overview

Diagnose and solve problems

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Shared access tokens

Manage ACL

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Properties

Metadata

Authentic

Showing 2

Permissions * 10 selected

Read

Add

Create

Write

Delete

List

Move

Execute

Ownership

Permissions

Generate SAS token and URL

Blob SAS token

sp=racwdlmeop&st=2025-08-07T10:18:29Z&se=2025-08-07T10:33:29Z&sr=https&sv=2024-11-04&sig=QwI8kpX5dURbfPjTe6qQRG7MQipal68V024GMo56U7U%3D

Blob SAS URL

<https://hexadatstoragen20.blob.core.windows.net/hexa?sp=racwdlmeop&st=2025-08-07T10:18:29Z&se=2025-08-07T10:33:29Z&sr=https&sv=2024-11-04&sig=QwI8kpX5dURbfPjTe6qQRG7M...>

7. Copy the bob SAS Url

Generate SAS token and URL

Blob SAS token

sp=racwdlmeop&st=2025-08-07T10:18:29Z&se=2025-08-07T10:33:29Z&sr=https&sv=2024-11-04&sig=QwI8kpX5dURbfPjTe6qQRG7MQipal68V024GMo56U7U%3D

Blob SAS URL

<https://hexadatstoragen20.blob.core.windows.net/hexa?sp=racwdlmeop&st=2025-08-07T10:18:29Z&se=2025-08-07T10:33:29Z&sr=https&sv=2024-11-04&sig=QwI8kpX5dURbfPjTe6qQRG7M...>

8. Now go to step 2 then choose next that will open a coonection info box

Enter Connection Info

Select Resource > Select Connection Method > **Enter Connection Info** > Summary

Display name:

* Blob container or directory SAS URL:

hexa-2

https://hexadatstoragegen20.blob.core.windows.net/hexa?sp=racwdlmeop&st=2025-08-07T10:18:29Z&se=2025-08-07T18:33:29Z&spr=https&sv=2024-11-04&sr=c&sig=Qwl8kpX5dURbfPJTe6qORG7M0ipal68V024GMo56U7U%3D

Back Next Cancel

10. Now give connect and there the setup is connected and the files and data will be shown here

Summary

Select Resource > Select Connection Method > Enter Connection Info > **Summary**

The following settings will be used to connect to your resource:

Display name: hexa-2

Resource name: hexa

Blob endpoint: https://hexadatstoragegen20.blob.core.windows.net

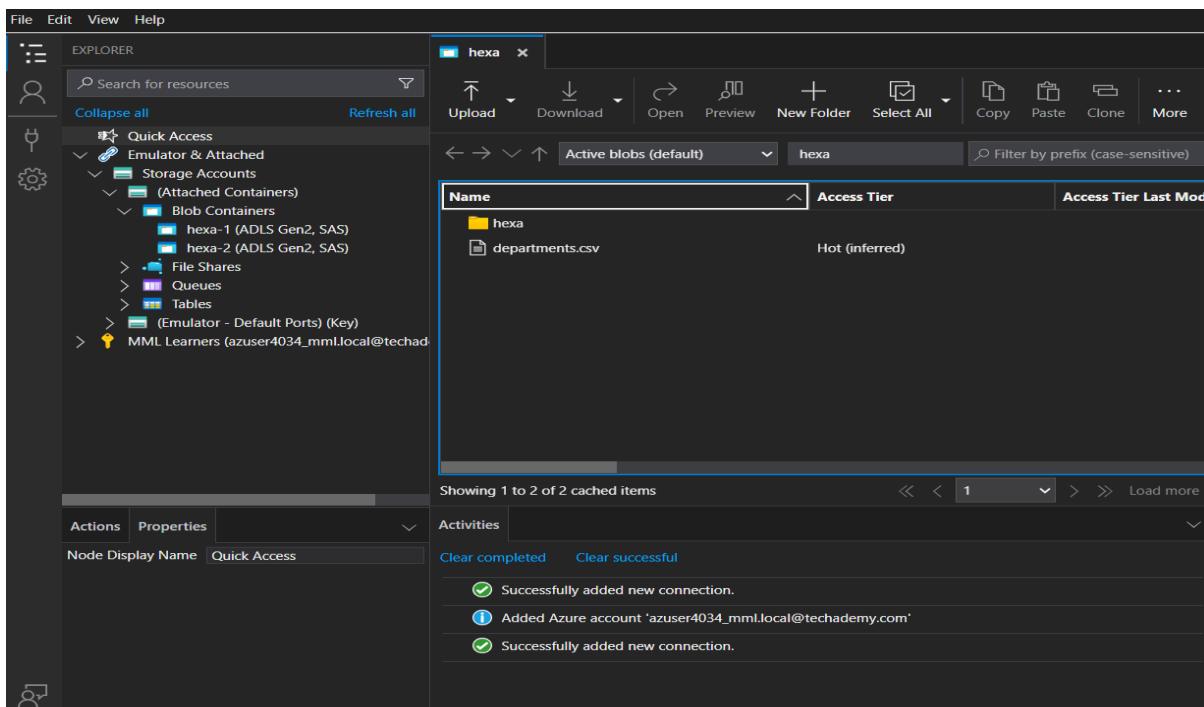
SAS: sp=racwdlmeop&st=2025-08-07T10:18:29Z&se=2025-08-07T18:33:29Z&spr=https&sv=2024-11-04&sr=c&sig=Qwl8kpX5dURbfPJTe6qORG7M0ipal68V024GMo56U7U%3D

Resource type: Container

Permissions: Read, Add, Create, Write, Delete, List, Move, Execute, Ownership, Permissions

! Make sure you only connect to resources you trust.

Back Connect Cancel



This shows that we have successfully added a new connection

Conclusion

Azure Storage Explorer simplifies the management of Azure Storage Accounts by offering an intuitive interface for developers and administrators. It eliminates the need for Azure Portal access for daily operations like file uploads, downloads, and container permission handling.