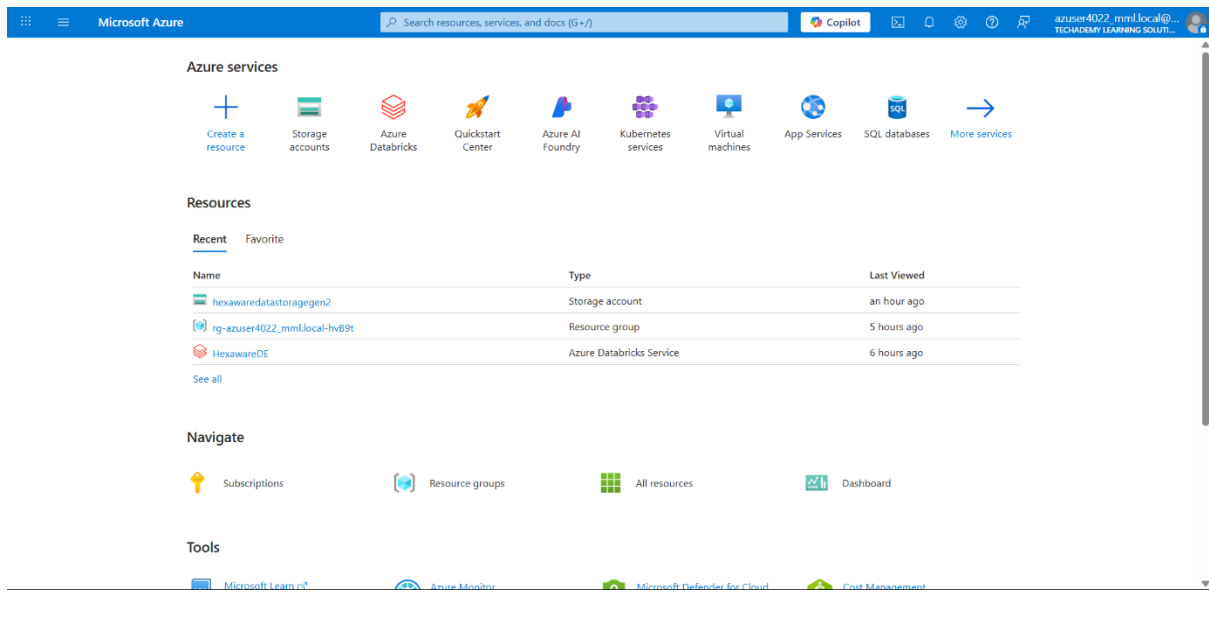


# Azure Storage Account Creation And Establishing Connection With Azure Storage Explorer

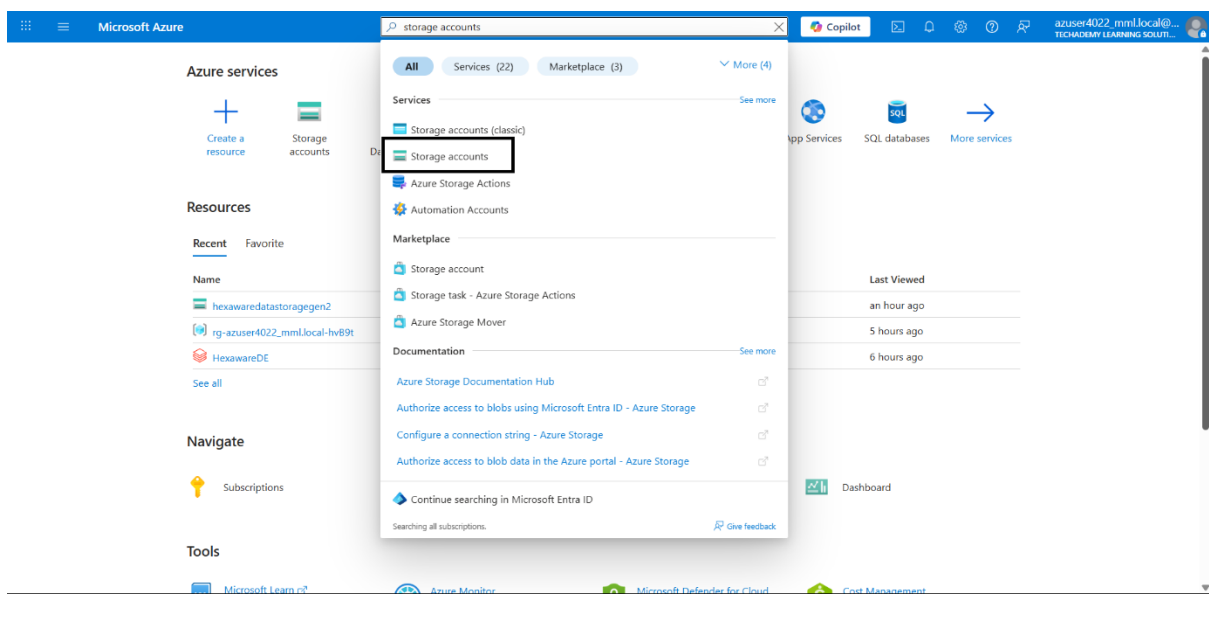
**Name:** Priyeshwar

**Mail:** [priyesh2664@gmail.com](mailto:priyesh2664@gmail.com)

Open the Azure Dashboard



In Search bar, search storage accounts



In storage account page, click create

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

azuser4022\_mml.local@...  
TECHADEMY LEARNING SOLUT...

Home >

Storage accounts

Check security best practices for these storage accounts

Review disaster recovery posture for storage accounts

List storage accounts with potential vulnerabilities

×

+

 Create

Restore

Manage view

Refresh

Export to CSV

Open query

Assign tags

Delete

Group by none

You are viewing a new version of Browse experience. [Click here to access the old experience.](#)

Filter for any field...

Subscription equals all

Resource Group equals all

Location equals all

+

Add filter

Name ↑	Type	Kind	Resource Group	Location	Subscription
hexawaredatastorageegen2	Storage account	StorageV2	rg-azuser4022_mml.local-hv89t	Central India	MML Learners

Showing 1 - 1 of 1. Display count: auto

Give feedback

Set the configuration for the account creation

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

azuser4022\_mml.local@...  
TECHADEMY LEARNING SOLUT...

Home > Storage accounts >

Create a storage account

×

Progress indicator

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 \*  
MML Learners

Resource group \*  
rg-azuser4022\_mml.local-hv89t  
[Create new](#)

Instance details

Storage account name \*  
storagehexa

Region \*  
(Asia Pacific) Central India  
[Deploy to an Azure Extended Zone](#)

Primary service  
Azure Blob Storage or Azure Data Lake Storage Gen 2

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

Redundancy \*  
Geo-redundant storage (GRS)  
☒ Make read access to data available in the event of regional unavailability.

Previous

Next

Review + create

Give feedback

## Enable the Hierarchical Namespace for Enabling Data Lake Storage

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

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TECHADEMY LEARNING SOLUTIONS

Home > Storage accounts >

Create a storage account

BasicsAdvancedNetworkingData protectionEncryptionTagsReview + create

Security

Configure security settings that impact your storage account.

Require secure transfer for REST API operations

Allow enabling anonymous access on individual containers

Enable storage account key access

Default to Microsoft Entra authorization in the Azure portal

Minimum TLS version

Permitted scope for copy operations (preview)

Hierarchical Namespace

Hierarchical namespace, complemented by Data Lake Storage Gen2 endpoint, enables file and directory semantics, accelerates big data analytics workloads, and enables access control lists (ACLs) [Learn more](#)

Enable hierarchical namespace

Version 1.2

From any storage account

Previous

Next

Review + create

Give feedback

## Click review and create

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

azuser4022\_mml.local@...  
TECHADEMY LEARNING SOLUTIONS

Home > Storage accounts >

Create a storage account

Enable hierarchical namespace

Access protocols

Blob and Data Lake Gen2 endpoints are provisioned by default [Learn more](#)

Enable SFTP

Enable network file system v3

The current combination of storage account kind, performance, replication, and location does not support the NFS v3 feature. [Learn more about NFS v3](#)

Blob storage

Allow cross-tenant replication

Cross-tenant replication and hierarchical namespace cannot be enabled simultaneously.

Access tier

Hot: Optimized for frequently accessed data and everyday usage scenarios

Cool: Optimized for infrequently accessed data and backup scenarios

Cold: Optimized for rarely accessed data and backup scenarios

Azure Files

Enable large file shares

Previous

Next

Review + create

Give feedback

After the storage account creation, goto containers

The screenshot shows the Microsoft Azure portal interface for a storage account named 'hexawaredatastorageegen2'. The left-hand navigation pane is expanded, and the 'Containers' option under 'Data storage' is highlighted with a red box. The main content area displays the 'Essentials' section with various account details and a 'Properties' tab.

Essentials	Properties
Resource group (move): rg-azuser4022_mml.local-hv89t	Hierarchical namespace: Enabled
Location: centralindia	Default access tier: Hot
Primary/Secondary Loca...: Primary: Central India, Secondary: South India	Blob anonymous access: Enabled
Subscription (move): MML Learners	Blob soft delete: Enabled (7 days)
Subscription ID: 2a3c6418-97b9-4d96-a24b-2c2d7633d375	Container soft delete: Enabled (7 days)
Disk state: Primary: Available, Secondary: Available	Versioning: Disabled
Tags (edit): Add tags	Change feed: Disabled
	NFS v3: Disabled

The 'Properties' tab also shows 'Data Lake Storage' and 'Security' settings.

Data Lake Storage	Security
Require secure transfer for REST API operations: Enabled	Require secure transfer for REST API operations: Enabled
Storage account key access: Enabled	Storage account key access: Enabled
Minimum TLS version: Version 1.2	Minimum TLS version: Version 1.2
Infrastructure encryption: Disabled	Infrastructure encryption: Disabled

In containers, click add container

The screenshot shows the Microsoft Azure portal interface for the 'hexawaredatastorageegen2' storage account, specifically the 'Containers' section. The 'Add container' button is highlighted with a red box. Below the button, there is a table listing existing containers.

Name	Last modified	Anonymous access level	Lease state
\$logs	8/7/2025, 10:52:25 AM	Private	Available
hexafile	8/7/2025, 11:40:35 AM	Container	Available

Set the configuration and click create

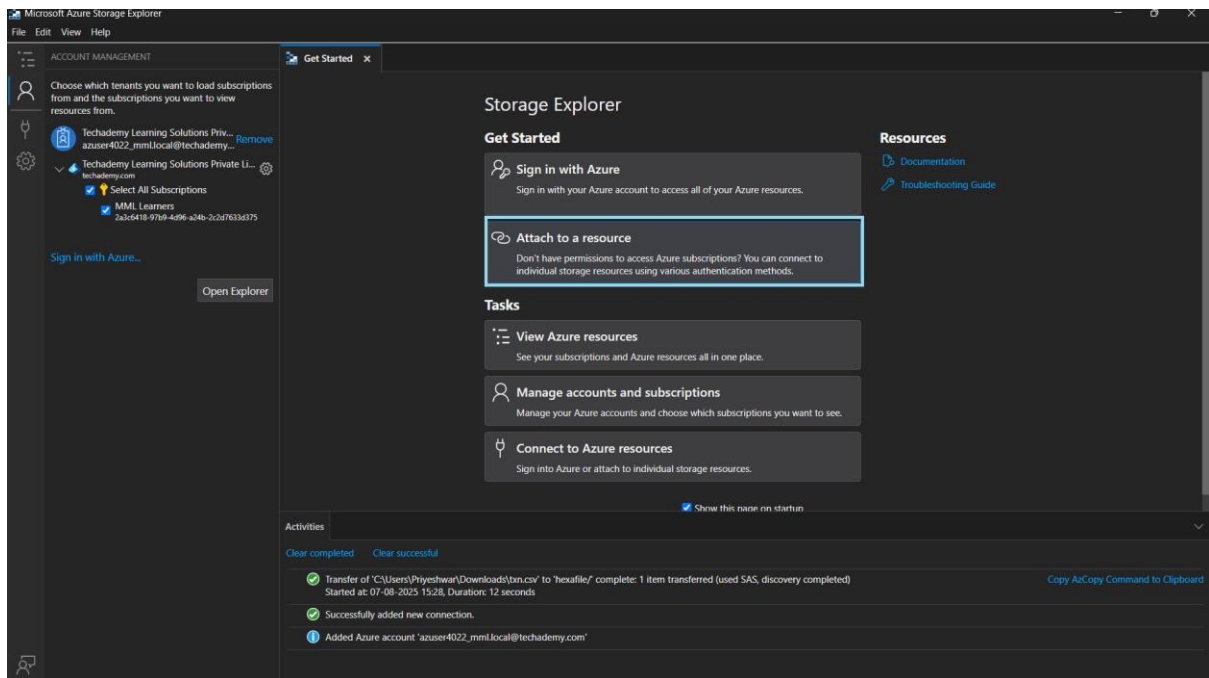
The screenshot shows the Microsoft Azure portal interface. The main view is the 'Containers' section for the storage account 'hexawaredatastoragegen2'. A 'New container' dialog box is open on the right side. The dialog has a 'Name' field with the value 'filehexa', an 'Anonymous access level' dropdown set to 'Private (no anonymous access)', and an 'Advanced' section. At the bottom of the dialog, there is a 'Create' button and a 'Give feedback' link. The background shows the Azure portal navigation pane on the left and a table of existing containers in the center.

Name	Last modified	Anonymous access level
logs	8/7/2025, 10:52:25 AM	Private
hexafile	8/7/2025, 11:40:35 AM	Container

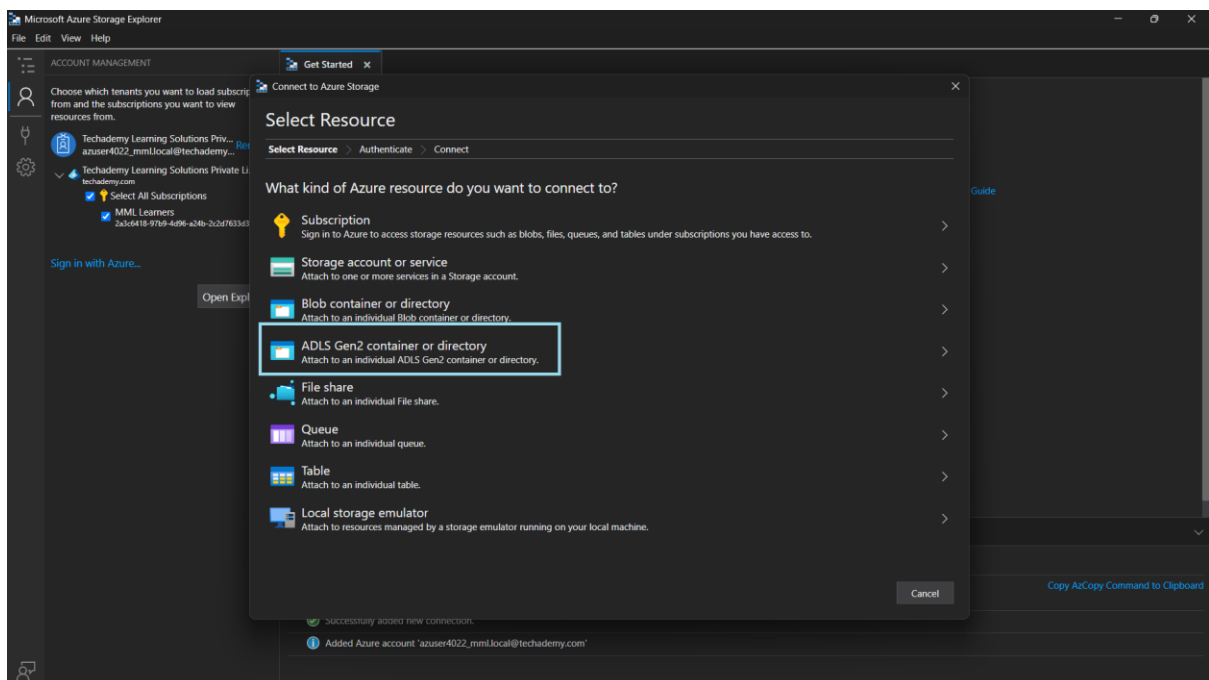
In the meantime, download Azure Storage Explorer

The screenshot shows the Azure Storage Explorer website landing page. The header includes the Microsoft logo and navigation links for Azure, Explore, Products, Solutions, Pricing, Partners, and Resources. The main content area features the title 'Azure Storage Explorer' and the subtitle 'Manage your Azure cloud storage resources from your desktop'. Below this are two buttons: 'Try Azure for free' and 'Create a pay-as-you-go account'. A navigation bar below the main content lists 'Overview', 'Features', 'Security', 'Get started', and 'Resources'. The 'Download Azure Storage Explorer today' section includes a 'Download now' button. The bottom section highlights four key features: 'Versatile' (Manage your cloud storage accounts in), 'Extensible' (Add new features and capabilities with), 'Accessible' (Take advantage of an accessible, intuitive, and secure), and 'Secure' (Securely access). A chat widget on the right asks 'Can we help you?' and includes a 'Chat now' button and a 'No thanks' link.

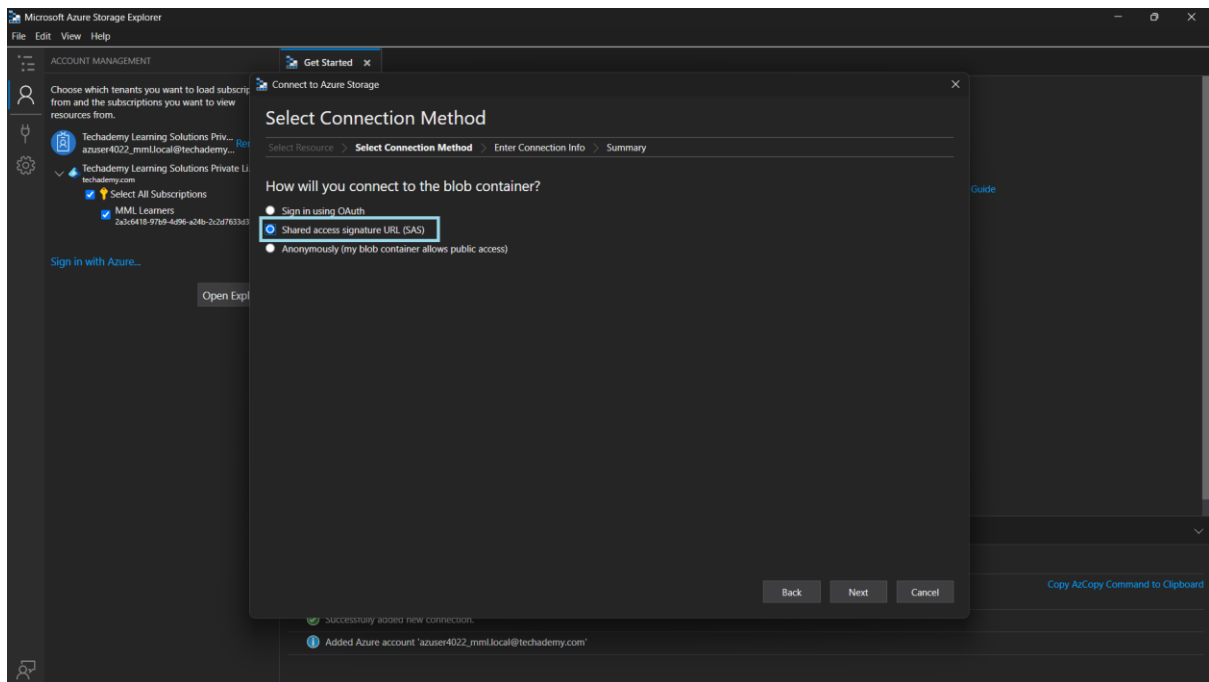
After the download, sign in with your Azure account. After that click attach to a resource



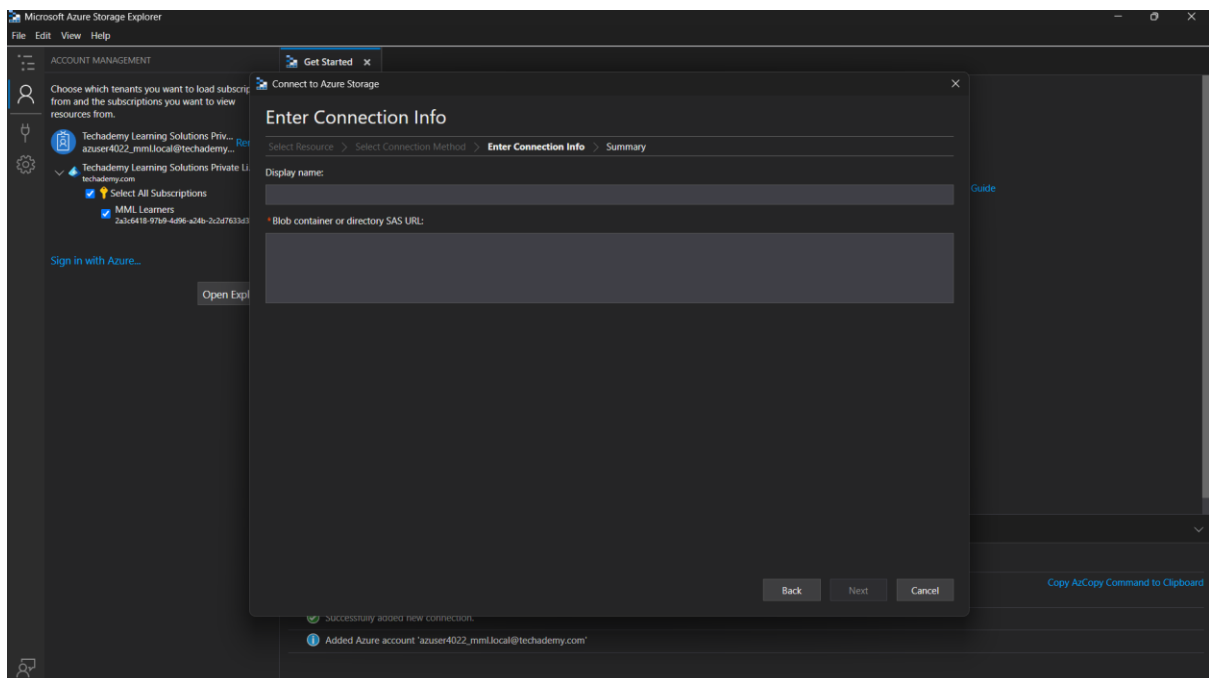
Click ADL Gen2 container or directory



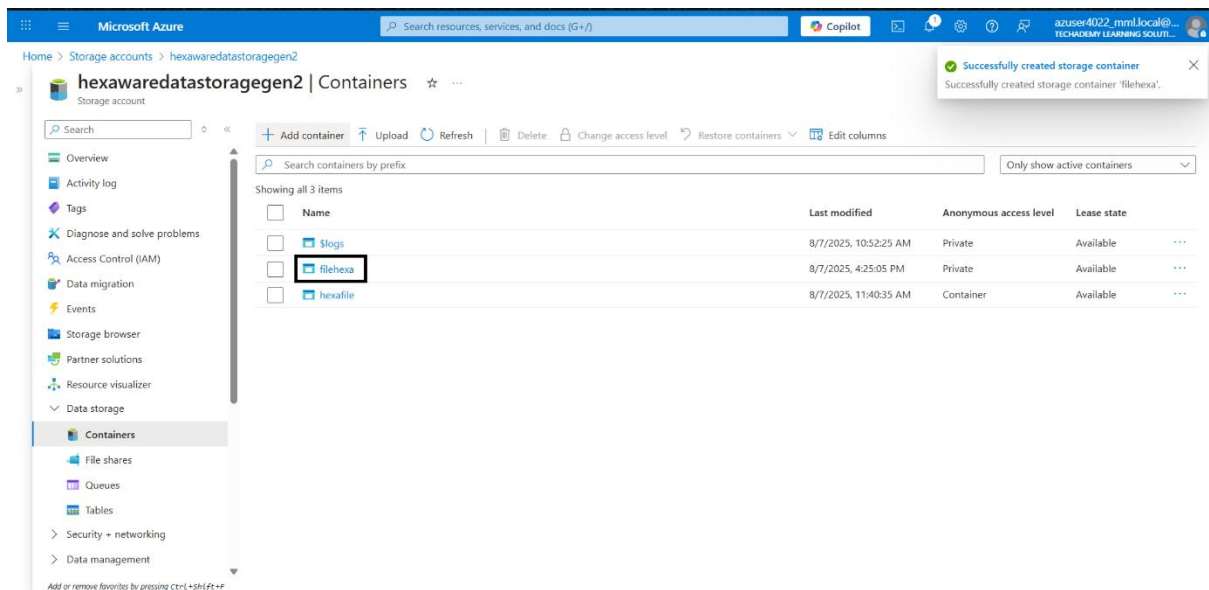
Click the shared access signature URL (SAS)



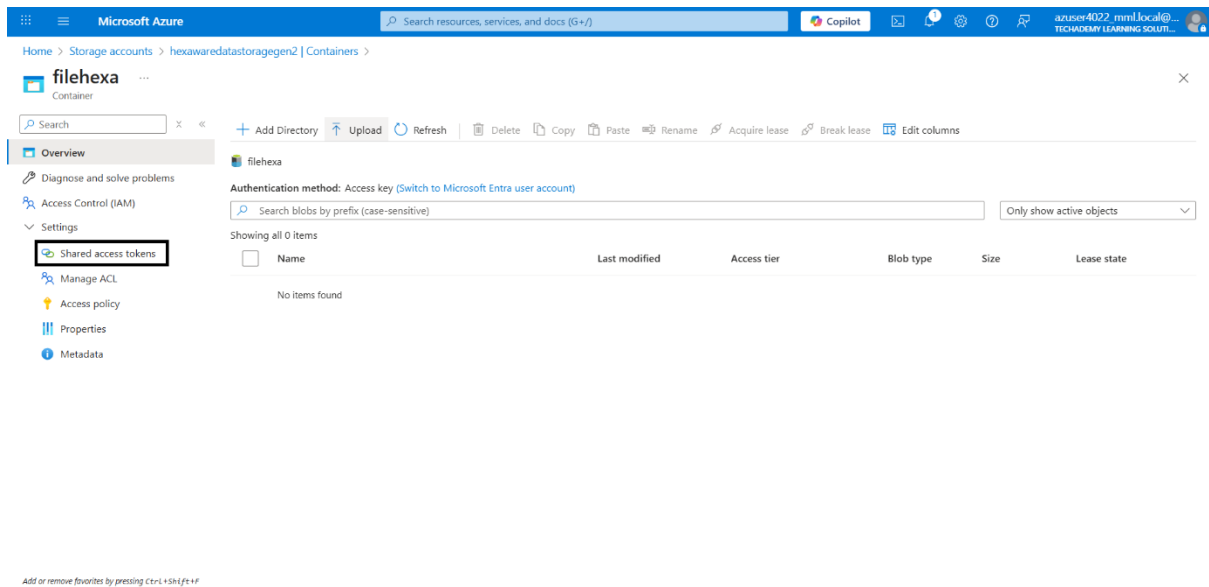
After that, you need the SAS URL



For the URL, go to containers in the storage account. Click the container



Click the shared access tokens





## Select all the permissions

Microsoft Azure

Home > Storage accounts > hexawaredatastoragegen2 | Containers > filehexa

filehexa | Shared access tokens

Container

Search

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

Shared access tokens

Manage ACL

Access policy

Properties

Metadata

(SAS) is a URI that grants restricted access to an Azure Storage container. Use it when you want to grant access to storage account resources for a specific time range without sharing. [Learn more about creating an account SAS](#)

Permissions

10 selected

Start and expiry date/time

Start

08/07/2025 4:12:36 PM

(UTC+05:30) Chennai, Kolkata, Mumbai, New Delhi

Expiry

08/08/2025 12:27:36 AM

(UTC+05:30) Chennai, Kolkata, Mumbai, New Delhi

Allowed IP addresses

for example, 168.1.5.65 or 168.1.5.65-168.1...

Allowed protocols

☒ HTTPS only ☐ HTTPS and HTTP

Add or remove favorites by pressing Ctrl+Shift+F

## Click generate SAS token and URL

Microsoft Azure

Home > Storage accounts > hexawaredatastoragegen2 | Containers > filehexa

filehexa | Shared access tokens

Container

Search

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

Shared access tokens

Manage ACL

Access policy

Properties

Metadata

Signing key

Key 1

Stored access policy

None

Permissions \*

10 selected

Start and expiry date/time

Start

08/07/2025 4:12:36 PM

(UTC+05:30) Chennai, Kolkata, Mumbai, New Delhi

Expiry

08/08/2025 12:27:36 AM

(UTC+05:30) Chennai, Kolkata, Mumbai, New Delhi

Allowed IP addresses

for example, 168.1.5.65 or 168.1.5.65-168.1...

Allowed protocols

☒ HTTPS only ☐ HTTPS and HTTP

Generate SAS token and URL

Add or remove favorites by pressing Ctrl+Shift+F

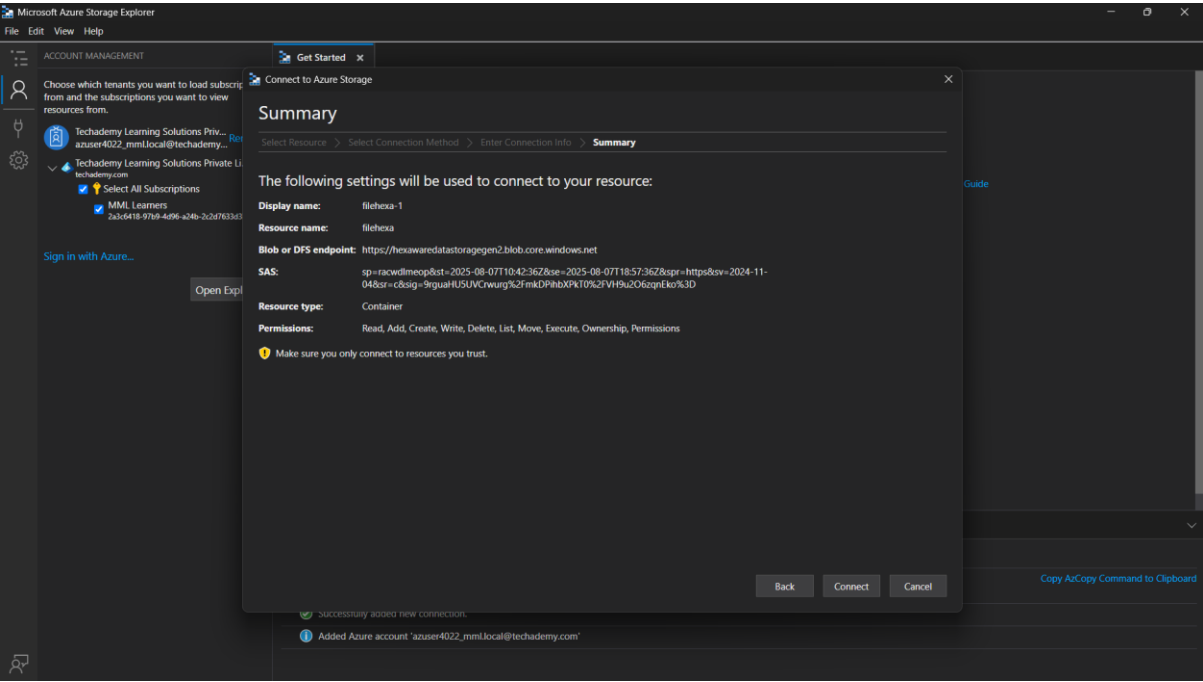
## Copy the SAS URL

The screenshot shows the 'Shared access tokens' configuration page in the Microsoft Azure portal. The left sidebar contains navigation links: Overview, Diagnose and solve problems, Access Control (IAM), Settings, Shared access tokens (selected), Manage ACL, Access policy, Properties, and Metadata. The main content area is titled 'filehexa | Shared access tokens'. It includes a search bar, a permissions dropdown set to '10 selected', and a 'Start and expiry date/time' section with fields for 'Start' (08/07/2025 4:12:36 PM) and 'Expiry' (08/08/2025 12:27:36 AM). Below these are fields for 'Allowed IP addresses' and 'Allowed protocols' (radio buttons for 'HTTPS only' and 'HTTPS and HTTP'). A 'Generate SAS token and URL' button is present. The 'Blob SAS token' field contains a long alphanumeric string. The 'Blob SAS URL' field contains a full URL starting with 'https://hexawaredatastoragegen2.blob.core.windows.net/filehexa?sp=racwdlmeop&st=2025-08-07T10:42:36Z&se=2025-08-07T18:57:36Z&spr=https&sv=2024-11-04&sr=c&sig=9rguaHUSUVcWwurg%2FmkDPihbXPKT0%2FVH9u2O6zqnEko%3D'.

## Paste the URL in the Azure data storage explorer

The screenshot shows the Microsoft Azure Storage Explorer application. The 'Connect to Azure Storage' dialog box is open, displaying the 'Enter Connection Info' tab. The 'Display name' field is set to 'filehexa-1'. The 'Blob container or directory SAS URL' field contains the same URL as seen in the previous screenshot. The dialog has 'Back', 'Next', and 'Cancel' buttons at the bottom. In the background, the 'ACCOUNT MANAGEMENT' pane shows a list of subscriptions, including 'Techademy Learning Solutions Private Limited' and 'MML Learners'.

Click Connect to establish the connection



Azure storage explorer connected to the storage account successfully

