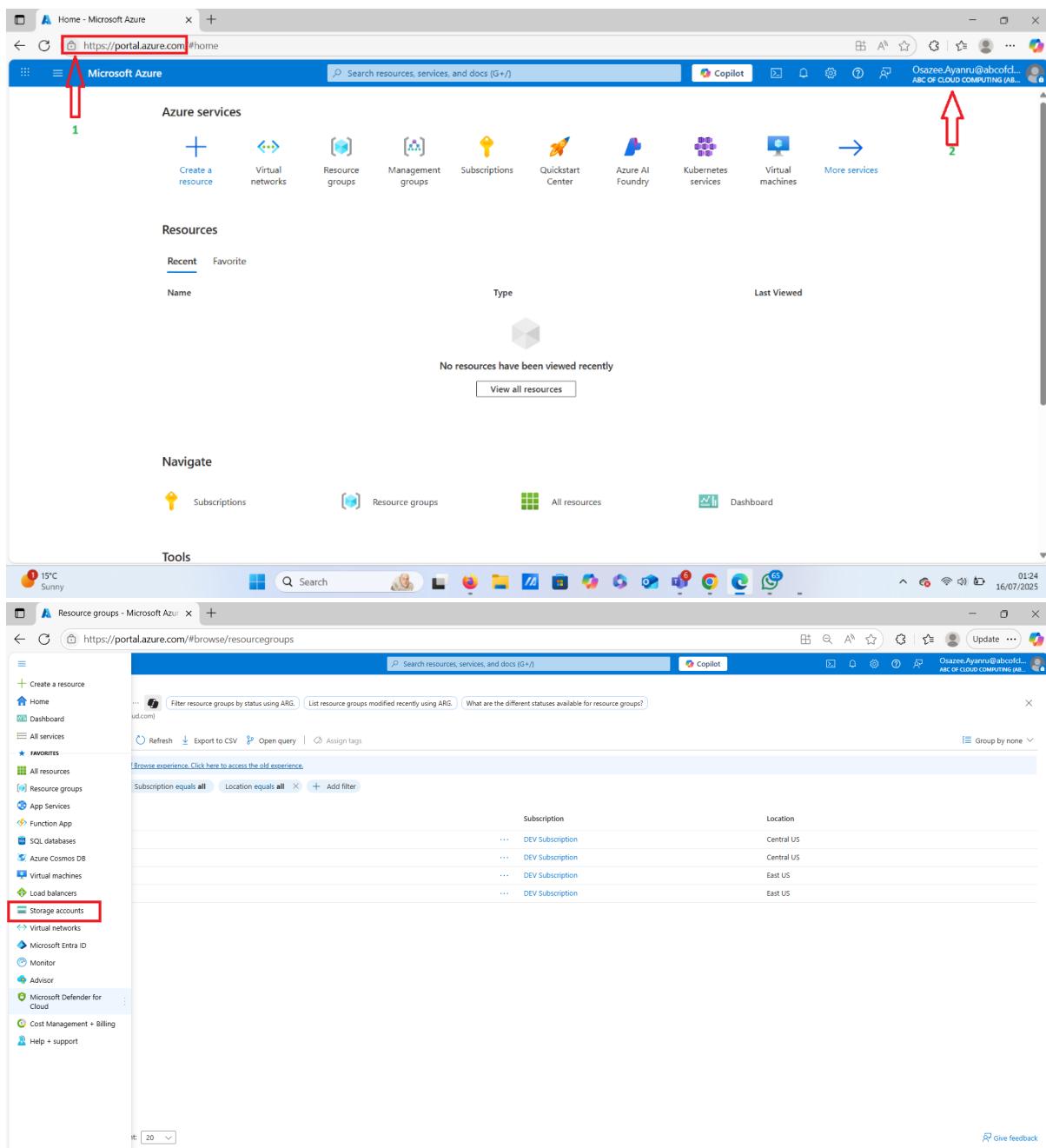


Step 1 – Create a Storage Account:

- . Log in to the Azure Portal: <https://portal.azure.com>
- . In the search bar, type Storage accounts and select it.
- . Click on Storage Accounts



The screenshot shows the Microsoft Azure portal interface. At the top, there is a navigation bar with a search bar and several icons. The main content area is titled 'Storage accounts'. It shows a table with four rows of data, each representing a storage account. The columns are 'Subscription', 'Name', 'Type', and 'Location'. The data is as follows:

Subscription	Name	Type	Location
...	DEV Subscription		Central US
...	DEV Subscription		Central US
...	DEV Subscription		East US

- Click Create.
- Fill in the basics:
 - Subscription: Choose your Azure subscription. E.g., (DEV Subscription).
 - Resource group: Create a new one or select existing. E.g., (SAZYRG).
 - Storage account name: e.g., sazystorage.

Must be unique (only lowercase letters and numbers).

- Region: Choose a location close to your audience. E.g., ((US) East US)
- Performance: Select Standard.
- Redundancy: Choose Locally-redundant storage (LRS) for cost-effectiveness.

- Then Click Next

Storage accounts - Microsoft Azure

Storage accounts

No storage accounts to display

Create a storage account to store up to 500TB of data in the cloud. Use a general-purpose storage account to store object data, use a NoSQL data store, define and use queues for message processing, and set up file shares in the cloud. Use the Blob storage account and the hot or cool access tiers to optimize your costs based on how frequently your object data is accessed.

[+ Create](#)

Showing 1 - 0 of 0. Display count: 20

Create a storage account - Microsoft Azure

Basics Advanced Networking Data protection Encryption Tags Review + create

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: DEV Subscription

Resource group: SAZYRG

Instance details

Storage account name: sazstorage

Region: (US) East US

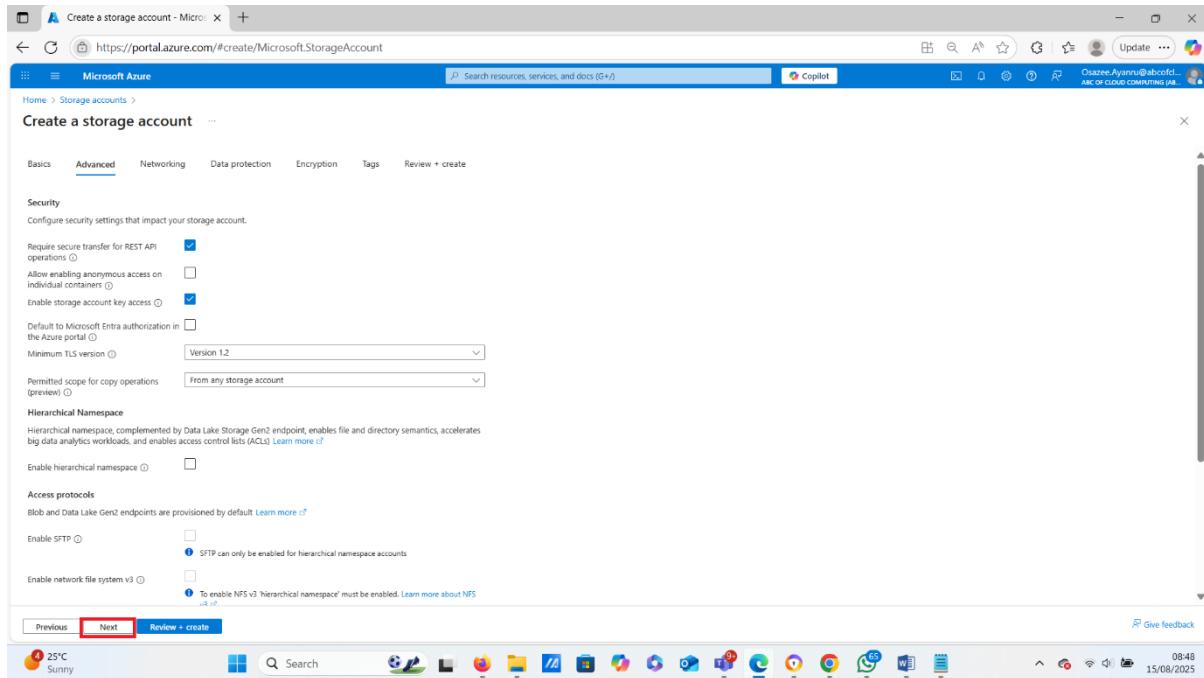
Primary service: Azure Blob Storage or Azure Data Lake Storage Gen2

Performance: Standard: Recommended for most scenarios (general-purpose v2 account)

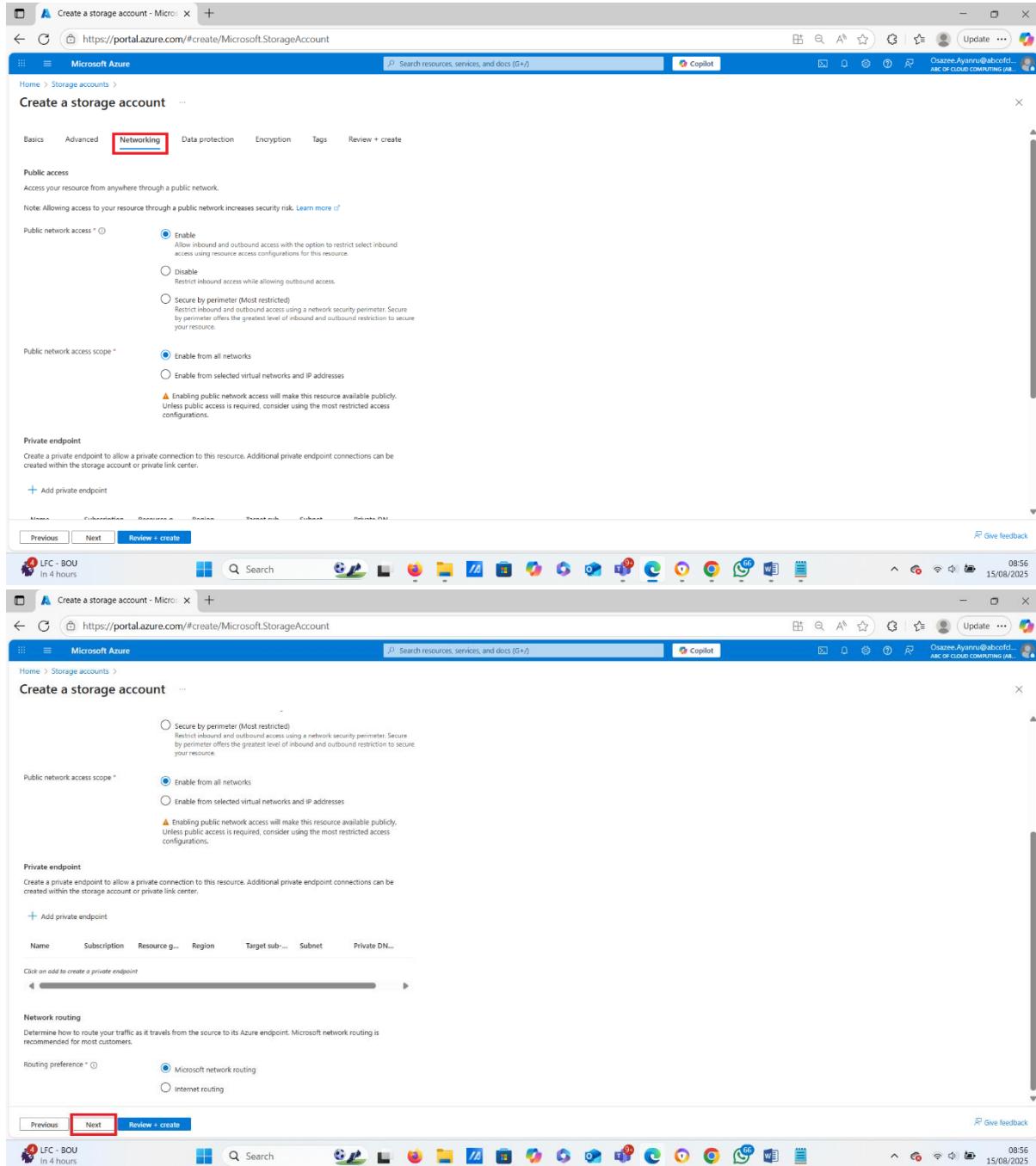
Redundancy: Locally-redundant storage (LRS)

Next

- ADVANCE: Leave this as Default or make changes if needed, then click next



- Network: Leave this as Default or make changes if needed, then click next



Create a storage account

Networking (highlighted)

Public access
Access your resource from anywhere through a public network.
Note: Allowing access to your resource through a public network increases security risk. [Learn more](#)

Public network access * **Enable**
Allow inbound and outbound access with the option to restrict select inbound access using resource access configurations for this resource.

Disable
Restrict inbound access while allowing outbound access.

Secure by perimeter (Most restricted)
Restrict inbound and outbound access using a network security perimeter. Secure by perimeter offers the greatest level of inbound and outbound restriction to secure your resource.

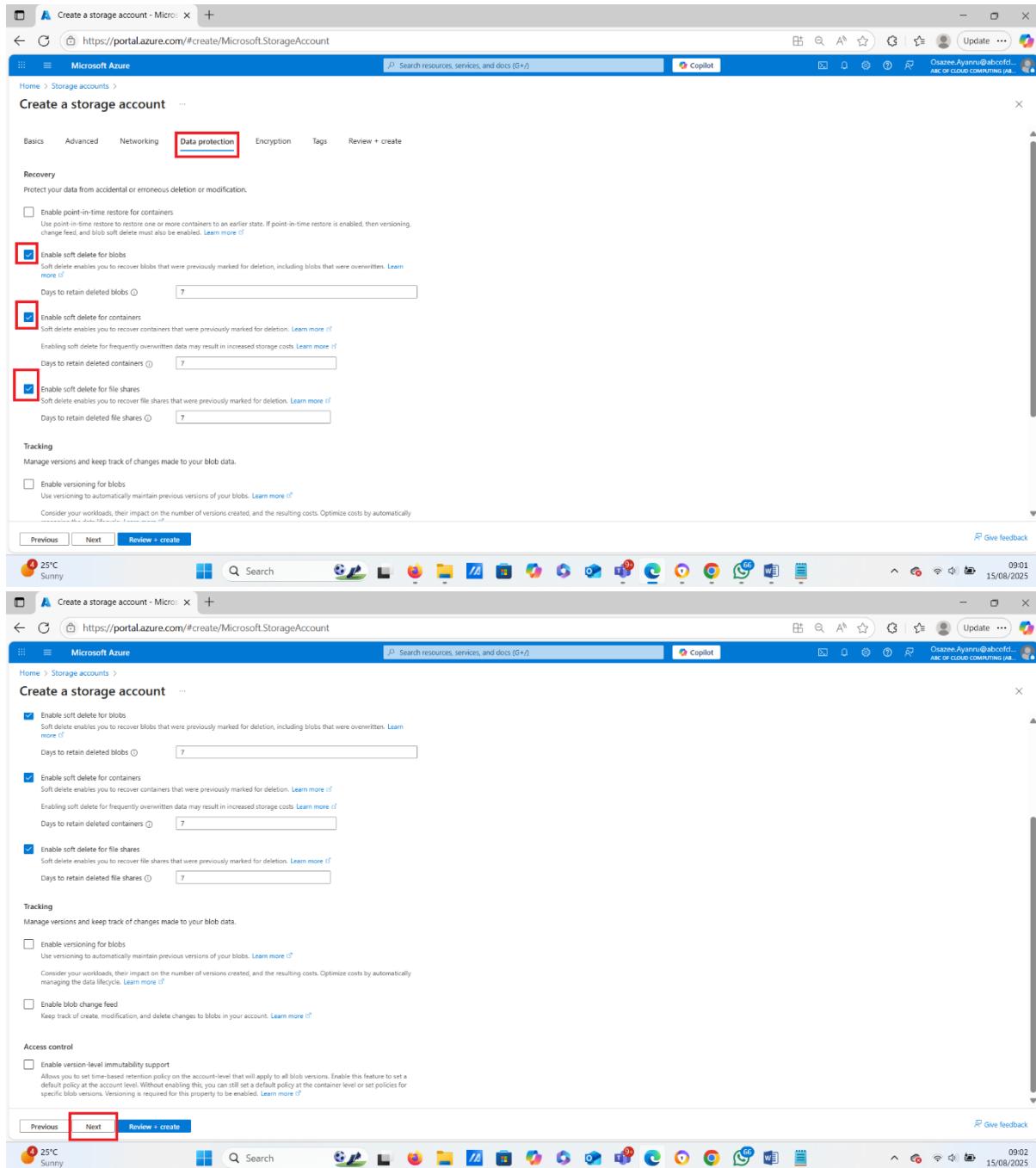
Public network access scope * **Enable from all networks**
 Enable from selected virtual networks and IP addresses
⚠️ Enabling public network access will make this resource available publicly. Unless public access is required, consider using the most restricted access configurations.

Private endpoint
Create a private endpoint to allow a private connection to this resource. Additional private endpoint connections can be created within the storage account or private link center.

[+ Add private endpoint](#)

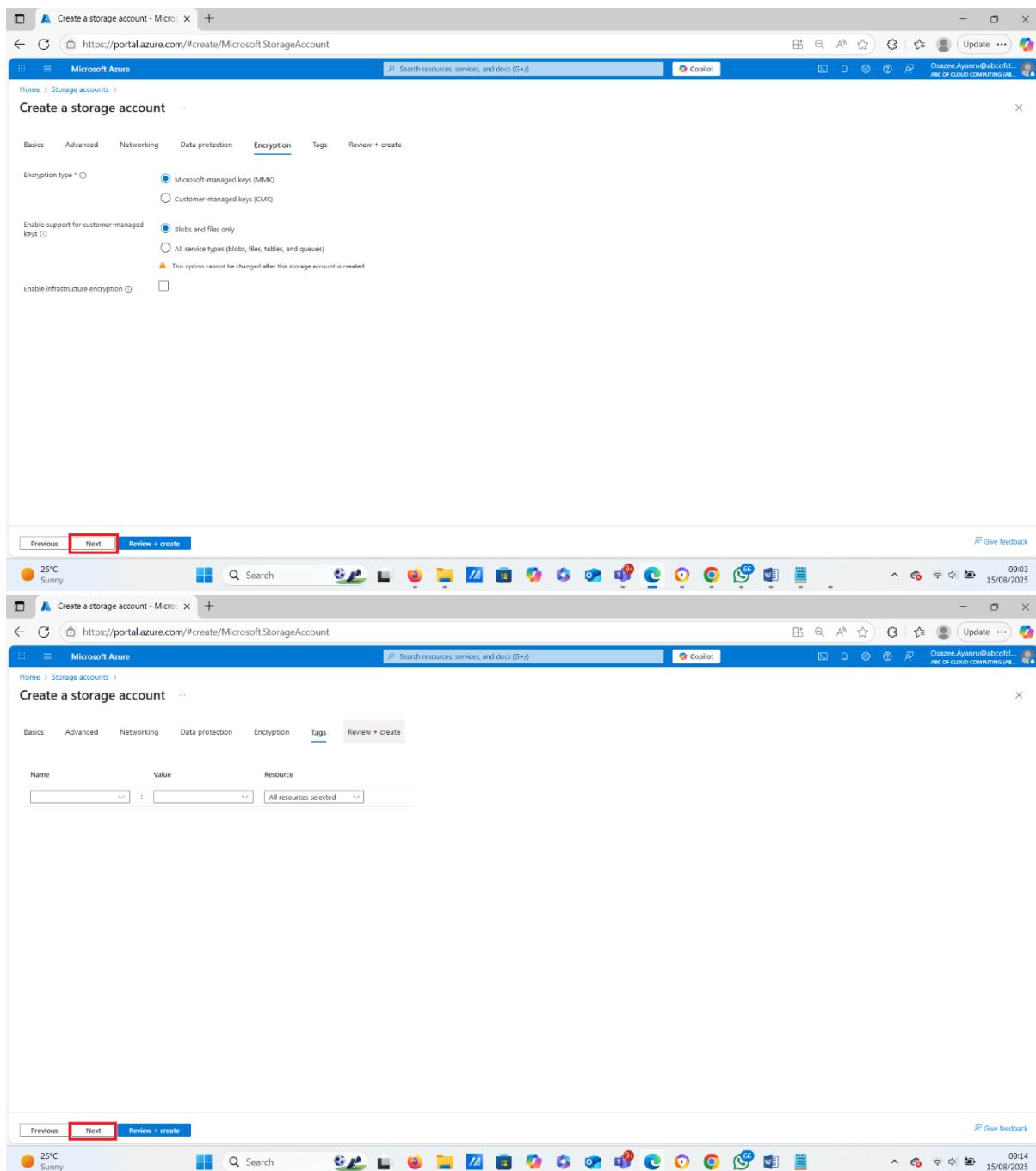
Review + create

• Data Protection: Leave this as Default or make changes if needed, then click next



The screenshot shows the 'Create a storage account' wizard in the Microsoft Azure portal. The 'Data protection' tab is selected. The 'Recovery' section contains several checkboxes for soft delete and blob versioning, all of which are checked and highlighted with a red box. The 'Tracking' section contains checkboxes for blob versioning and blob change feed, both of which are unchecked. The 'Access control' section contains a checkbox for version-level immutability support, which is unchecked. At the bottom, the 'Next' button is highlighted with a red box.

- **ENCRYPTION AND TAGS:** Leave this as Default or make changes if needed, then click next.



The screenshot shows the Microsoft Azure 'Create a storage account' wizard. The 'Encryption' step is currently active. It includes options for 'Encryption type' (Microsoft-managed keys (MMK) is selected), 'Enable support for customer-managed keys' (blobs and files only is selected), and 'Enable infrastructure encryption' (unchecked). The 'Tags' step is the next step in the process. It displays a table for adding tags, with the first row showing 'Name' (empty), 'Value' (empty), and 'Resource' (All resources selected). Both the 'Encryption' and 'Tags' steps have a 'Next' button highlighted with a red box.

- Click Review + create, then click create and go to resources when Deployment is complete.

The image consists of two screenshots of the Microsoft Azure portal. The top screenshot shows the 'Create a storage account' wizard. The 'Review + create' button is highlighted with a red box. The bottom screenshot shows the 'Deployment Details' blade for a completed deployment, with the 'Go to resource' button highlighted with a red box.

Create a storage account - Microsoft Azure

<https://portal.azure.com/#create/Microsoft.StorageAccount>

Microsoft Azure

Home > Storage accounts > Create a storage account

Basics

Subscription	DEV Subscription
Resource group	SAZYRG
Location	East US
Storage account name	sazystorage
Primary service	Azure Blob Storage or Azure Data Lake Storage Gen 2
Performance	Standard
Replication	Locally-redundant storage (LRS)

Advanced

Enable hierarchical namespace	Disabled
Enable SFTP	Disabled
Enable network file system v3	Disabled
Allow cross-tenant replication	Disabled
Access tier	Hot
Enable large file shares	Enabled

Security

Secure transfer	Enabled
Blob anonymous access	Disabled
Allow storage account key access	Enabled
Default to Microsoft Entra authorization in the Azure portal	Disabled

Minimum TLS version: Version 1.2

Previous Next **Create** Give feedback

25°C Sunny 09:21 15/08/2025

sazystorage_1755271286334 - Microsoft Azure

https://portal.azure.com/#view/HubsExtension/DeploymentDetailsBlade/~/overview/id/%2Fsubscriptions%2F5c7e70dd-427e-419b-84ab-4518ed63cf85%2FresourceGroups%2FSAZYRG%2Fdeployments%2Fsazystorage_1755271286334

Deployment

Deployment sazystorage_1755271286334 | Overview

Your deployment is complete

Deployment name: sazystorage_1755271286334

Subscription: DEV Subscription

Resource group: SAZYRG

Start time: 15/08/2025, 09:22:37

Correlation ID: a77271db-5c02-4ff7-a217-26243c52ad24

Deployment details

Next steps

Go to resource

Give feedback

Tell us about your experience with deployment

Cost Management

Get notified to stay within your budget and prevent unexpected charges on your bill.

Set up cost alerts >

Microsoft Defender for Cloud

Secure your apps and infrastructure

Go to Microsoft Defender for Cloud >

Free Microsoft tutorials

Start learning today >

Work with an expert

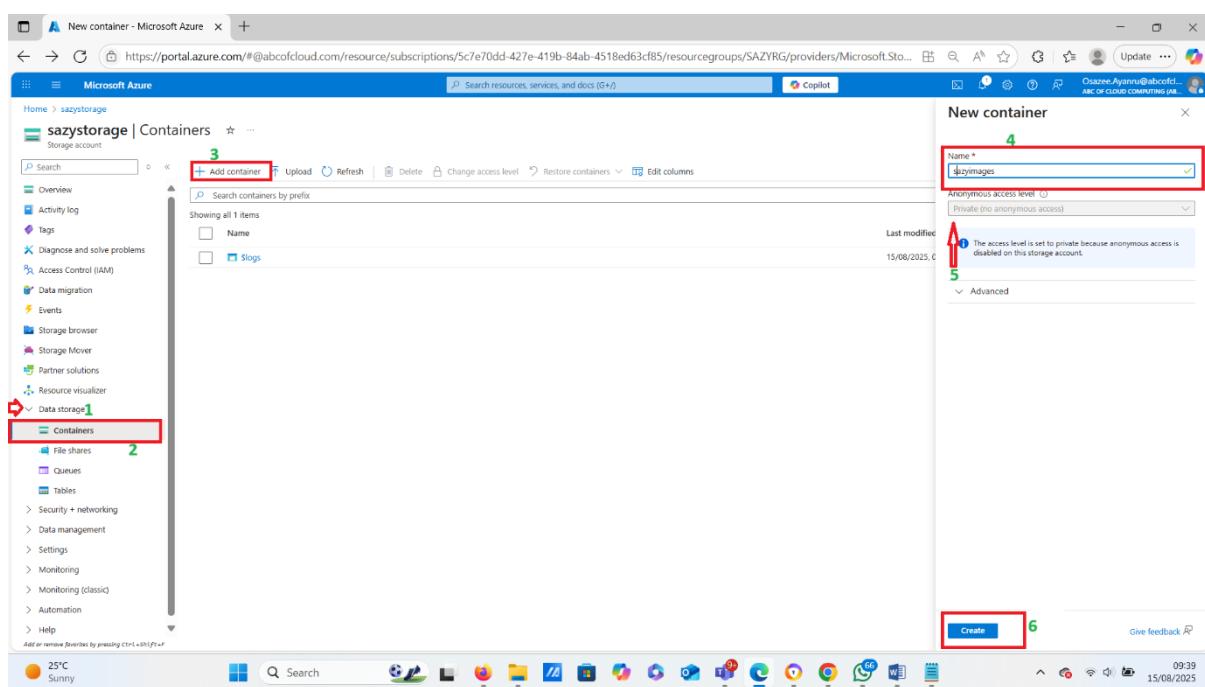
Azure experts are service provider partners who can help manage your assets on Azure and be your first line of support.

Find an Azure expert >

25°C Sunny 09:23 15/08/2025

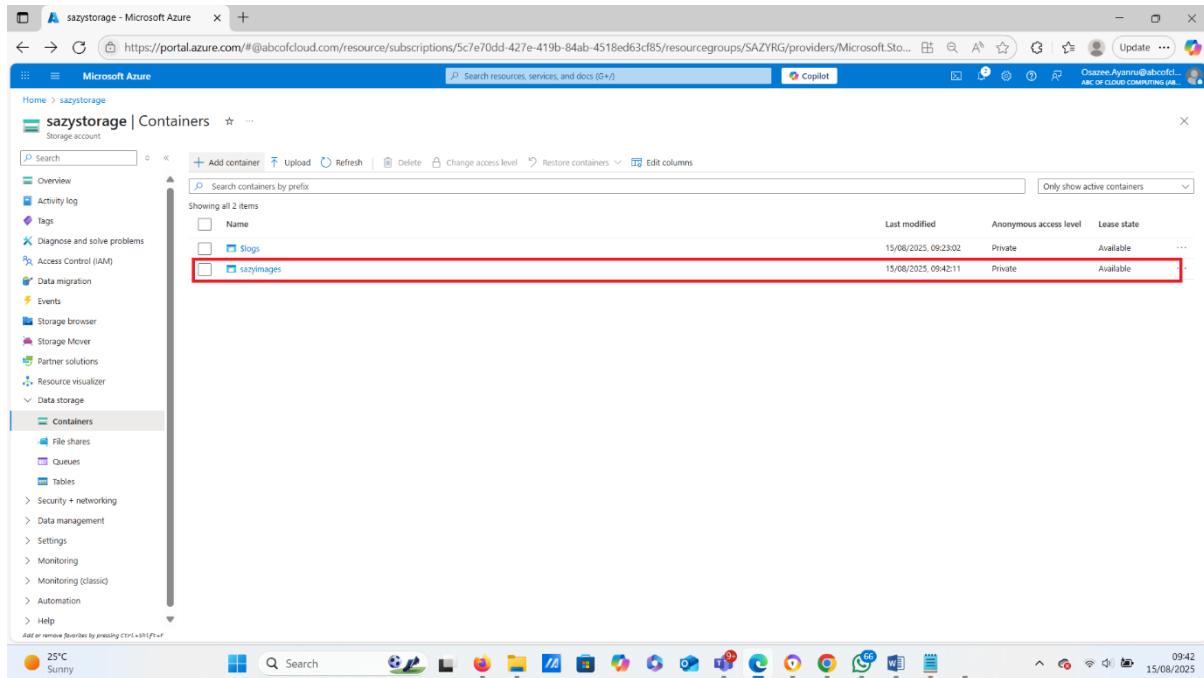
Step 2 – Create a Blob Container

1. Go to your new Storage Account.
2. In the left menu, under Data storage, select Containers.
3. Click + Container.
4. Name it (e.g., sazyimages).
5. Set Public access level to Private (no anonymous access) — this keeps your data secure until you choose to share via SAS.
6. Click Create.



Step 3 – Upload an Image

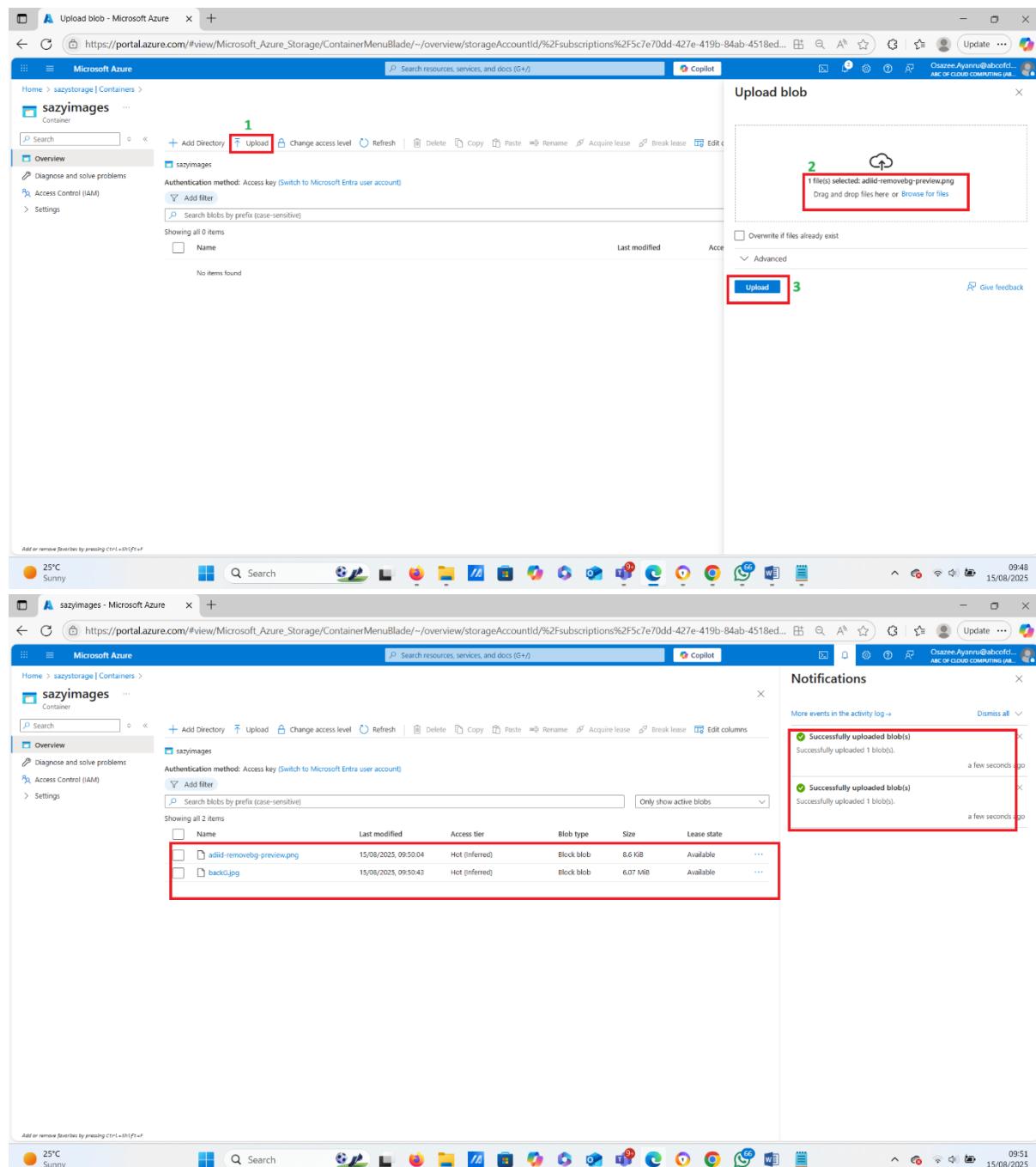
- Open the container you just created.



The screenshot shows the Microsoft Azure Storage portal with the URL <https://portal.azure.com/#@abccloud.com/resource/subscriptions/5c7e70dd-427e-419b-84ab-4518ed63cf85/resourcegroups/SAZYRG/providers/Microsoft.Storage/storageAccounts/sazystorage>. The left sidebar is collapsed, and the main area shows the 'Containers' list. There are two containers: 'Slogs' and 'sazylimages'. The 'sazylimages' container is selected and highlighted with a red box. The table below shows the container details:

Name	Last modified	Anonymous access level	Lease state
Slogs	15/08/2025, 09:23:02	Private	Available
sazylimages	15/08/2025, 09:42:11	Private	Available

- . Click Upload.
- . Browse your computer and select the image file and Click Upload.
- . Your file will now appear in the container's blob list.



The image consists of three vertically stacked screenshots of the Microsoft Azure Storage Explorer interface, illustrating the process of uploading files to a blob container.

Screenshot 1: Upload blob - Microsoft Azure

This screenshot shows the 'Upload blob' dialog box. A red box highlights the 'Upload' button, which is labeled with a green '1'. The dialog box contains a text input field with the placeholder 'Drag and drop files here or Browse for files' and a status message '1 file(s) selected: addid-removebg-preview.png'.

Screenshot 2: sazymages - Microsoft Azure

This screenshot shows the 'sazymages' container overview. A red box highlights the 'Upload' button in the top navigation bar, labeled with a green '2'. The main table shows two blobs: 'addid-removebg-preview.png' and 'backG.jpg', both uploaded on 15/08/2025 at 09:50:43. A red box highlights the table, labeled with a green '3'.

Screenshot 3: Notifications

This screenshot shows the 'Notifications' pane on the right side of the interface. It displays two green notifications: 'Successfully uploaded blob(s)' and 'Successfully uploaded blob(s)', both indicating the upload of 'addid-removebg-preview.png' a few seconds ago. A red box highlights this notifications pane.

Step 4 – Generate a Shared Access Signature (SAS)

A SAS link gives controlled access without exposing your account keys.

1. In your container, click the image you just uploaded.
2. At the top, select Generate SAS (sometimes shown as Shared access tokens in the menu).
3. In the SAS settings:
 - Permissions: Select Read.
 - Start and Expiry date/time: Set a reasonable expiry window (e.g., a few days or weeks).
 - Allowed protocols: Select HTTPS only for security.
4. Click Generate SAS token and URL.
5. Copy the Blob SAS URL — this is the link you can share.

Two screenshots of the Microsoft Azure Storage portal are shown, illustrating the creation of a SAS token for a blob.

Screenshot 1: Storage Account Overview

The left screenshot shows the 'Containers' blade of the 'sazystorage' storage account. The 'Containers' section is highlighted with a red box. A red arrow points from the 'Containers' section to the 'sazymages' container listed in the main pane. The 'sazymages' container contains two blobs: 'adid-removebg-preview.png' and 'back0.jpg'.

Screenshot 2: Container Overview

The right screenshot shows the 'adid-removebg-preview.png' blob details page within the 'sazymages' container. The 'Generate SAS' button is highlighted with a red box. The SAS configuration form is displayed, showing the following settings:

- Authentication method:** Access key (Switch to Microsoft Entra user account)
- Signing method:** Account key (selected)
- Key:** Key 1
- Stored access policy:** None
- Permissions:** Read
- Start:** 15/08/2025, 10:09:02 (UTC-06:00) Central America
- Expiry:** 15/08/2025, 18:24:02 (UTC-06:00) Central America
- Allowed IP addresses:** (example: 168.1.5.65 or 168.1.5.65-168.1...)
- Allowed protocols:** HTTPS only (selected)

The 'Generate SAS token and URL' button is highlighted with a red box.

