

1) Tasks To Be Performed:

1. Create 2 resource groups rg-1 and rg-2
2. Add storage account to rg-1
3. Move storage account from rg-1 to rg-2

Go to Azure Portal :

The screenshot shows the Microsoft Azure portal homepage. At the top, there's a navigation bar with 'Microsoft Azure' and an 'Upgrade' button. A search bar says 'Search resources, services, and docs (G+)' followed by a Copilot icon. On the right, it shows the user 'ankithak990@gmail.com' and 'DEFAULT DIRECTORY (ANKITHAK...)'. Below the bar, there's a 'Azure services' section with icons for 'Create a resource', 'Subscriptions', 'App Services', 'Quickstart Center', 'Foundry', 'Kubernetes services', 'Virtual machines', 'Storage accounts', 'SQL databases', and 'More services'. Under 'Resources', it shows 'Recent' and 'Favorite' tabs, with a table for 'Name', 'Type', and 'Last Viewed'. It says 'No resources have been viewed recently' and has a 'View all resources' button. At the bottom, there's a 'Navigate' section with links for 'Subscriptions', 'Resource groups', 'All resources', and 'Dashboard'.

Search Resource groups :

The screenshot shows the 'Create a resource group' wizard. At the top, it says 'Home > Create a resource > Create a resource group ...'. The 'Basics' tab is selected. It has fields for 'Subscription *' (set to 'Azure subscription 1'), 'Resource group name *' (set to 'rg-01'), and 'Region *' (set to '(US) East US'). At the bottom, there are 'Previous' and 'Next' buttons, and a 'Review + create' button.

Home > Create a resource >

Create a resource group

...

Basics

Tags

Review + create

Resource group - A container that holds related resources for an Azure solution. The resource group can include all the resources for the solution, or only those resources that you want to manage as a group. You decide how you want to allocate resources to resource groups based on what makes the most sense for your organization. [Learn more](#)

Subscription * ⓘ

Azure subscription 1

▼

Resource group name * ⓘ

rg-02

Region * ⓘ

(US) East US

▼

Add a Storage Account to rg-1

In Azure Portal, search **Storage accounts**

The screenshot shows the Microsoft Azure portal interface for creating a new storage account. At the top, there's a navigation bar with icons for Home, Storage center | Blob Storage, Upgrade, Search (magnifying glass), Copilot, and other settings. Below the navigation bar, the page title is "Create a storage account".

The main content area is divided into sections:

- Project details:** A note states: "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." It includes dropdowns for "Subscription" (set to "Azure subscription 1") and "Resource group" (set to "rg-01").
- Instance details:** Fields include "Storage account name" (set to "ankithstorage01"), "Region" (set to "(US) East US"), "Preferred storage type" (dropdown menu), and "Performance" (radio button selected for "Standard: Recommended for most scenarios (general-purpose v2 account)").
- Buttons at the bottom:** "Previous" (disabled), "Next" (disabled), and "Review + create" (highlighted in blue).

Microsoft Azure | Overview

Deployment name: ankitstorage01_1768409685215 | Overview

Deployment is in progress

Inputs Outputs Template

Deployment name: ankitstorage01_1768409685215
Subscription: Azure subscription 1
Resource group: rg-01

Start time: 1/14/2026, 10:25:02 PM
Correlation ID: 73dcfa3b-d715-449e-941f-17d561985fc0

No results.

Give feedback Tell us about your experience with deployment

Assignment Mod - 2 - File... capstone...

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 >](#)

Move the Storage Account to rg-2

Microsoft Azure | Overview

Home > ankitstorage01_1768409685215 | Overview > rg-01 > ankitstorage01 > Move resources

Source

Subscription: Azure subscription 1
Resource group: rg-01

Target

Subscription: Azure subscription 1
Resource group: rg-02

Previous Next

✓ Moving resources complete

Successfully moved 'ankithstorage01' from resource group 'rg-01' in subscription 'Azure subscription 1' to resource group 'rg-02' in subscription 'Azure subscription 1'

4 minutes ago

Resource group (move)
rg-02

Location
eastus

Primary/Secondary Location
Primary: East US, Secondary: West US

Subscription (move)
Azure subscription 1

Subscription ID
dd12d810-7a12-4ebd-9467-2d502b9116fb

Disk state
Primary: Available, Secondary: Available

Tags (edit)
[Add tags](#)

Properties Monitoring Capabilities (7) Recommendations (0) Tutorials

Add or remove favorites by pressing **Ctrl+Shift+F**

2) Tasks To Be Performed:

1. Create 3 storage accounts with “Team” tags: team1, team2 and team3 respectively
2. Create one more storage account for team2
3. List all resources for team2 using tags

Create 3 storage accounts with Team tags :

Name	Type	Kind	Resource Group	Location	Subscription
csg10032005434e006f	Storage account	StorageV2	cloud-shell-stor...	Central India	Azure subscript...
storage01team1	Storage account	StorageV2	rg-01	East US	Azure subscript...
storage01team2	Storage account	StorageV2	rg-01	East US	Azure subscript...

Create ONE MORE storage account for team2 :

Summary **Resources**

+ Create ⚡ Restore 🌐 Manage view ⏪ Refresh ⬇ Export to CSV ⚖ Open query ⚙ Assign tags 🗑 Delete + Add to service group 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

<input type="checkbox"/>	Name ↑	Type	Kind	Resource Group	Location	Subscription	
<input type="checkbox"/>	csg10032005434e006f	...	Storage account	StorageV2	cloud-shell-stor...	Central India	Azure subscript...
<input type="checkbox"/>	storage01team1	...	Storage account	StorageV2	rg-01	East US	Azure subscript...
<input type="checkbox"/>	storage01team2	...	Storage account	StorageV2	rg-01	East US	Azure subscript...
<input type="checkbox"/>	storage01team3	...	Storage account	StorageV2	rg-01	East US	Azure subscript...
<input type="checkbox"/>	storage02team2	...	Storage account	StorageV2	rg-01	East US	Azure subscript...

List all resources tagged team2 :

Manage view ⏪ Refresh ⬇ Export to CSV ⚖ Open query ⚙ Assign tags + Add to service group 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 Type equals all Resource Group equals all Location equals all + Add filter

<input type="checkbox"/>	Name ↑	Resource Group	Location	Subscription
<input type="checkbox"/>	csg10032005434e006f	cloud-shell-storage-ce...	Central India	Azure
<input type="checkbox"/>	storage01team1	rg-01	East US	Azure
<input type="checkbox"/>	storage01team2	rg-01	East US	Azure
<input type="checkbox"/>	storage01team3	rg-01	East US	Azure
<input type="checkbox"/>	storage02team2	rg-01	East US	Azure

Filter results

Filter: Team

Operator: Equals

Value: Search values

All

(blank) (1)

team1 (1)

team2 (2)

team3 (1)

Apply Cancel

Showing 1 - 5 of 5. Display count: auto

Microsoft Azure ⚡ Upgrade Search resources, services, and docs (G+)

Home > Storage center

Storage center | All storage resources Default Directory (ankithak99@gmail.onmicrosoft.com)

Compare metrics across these resources Filter resources by region Generate a CLI script to identify resource dependencies

Search Overview All storage resources

Object storage File storage Block storage Data management Migration Partner solutions Management services Help

Manage view ⏪ Refresh ⬇ Export to CSV ⚖ Open query ⚙ Assign tags + Add to service group 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 Type equals all Resource Group equals all Location equals all Team equals team2 + Add filter

<input type="checkbox"/>	Name ↑	Resource Group	Location	Subscription	Type	Kind
<input type="checkbox"/>	storage01team2	rg-01	East US	Azure subscription 1	Storage account	StorageV2
<input type="checkbox"/>	storage02team2	rg-01	East US	Azure subscription 1	Storage account	StorageV2

3) Tasks To Be Performed:

1. Create a file share in Azure Storage
2. Mount this file share on Windows and Linux

Create an Azure File Share :

The screenshot shows the Azure Storage account overview for 'storage01team1'. In the left sidebar under 'Data storage', 'File shares' is selected. The main pane displays file share properties:

Setting	Value
Resource group (move)	rg-01
Location	eastus
Primary/Secondary Loca...	Primary: East US, Secondary: West US
Subscription (move)	Azure subscription 1
Subscription ID	dd12d810-7a12-4ebd-9467-2d502b9116fb
Disk state	Primary: Available, Secondary: Available
Tags (edit)	Add tags

Below this, the 'Properties' tab is selected, showing Blob service, Security, and Networking settings.

The screenshot shows the 'New file share' creation wizard in the Azure portal. The 'Basics' step is active, with the following configuration:

- Name: myfileshare
- Access tier: Transaction optimized

Performance settings are listed below:

Setting	Value
Maximum IO/s	20000
Maximum capacity	100 TiB

A note at the bottom states: "To use the SMB protocol with this share, check if you can communicate over port 445. These scripts for Windows clients and Linux clients can help. Learn how to circumvent port 445 issues."

At the bottom, there are buttons for 'Review + create' and 'Next : Backup >'. A 'Give feedback' link is also present.

Storage account: storage01team1

Resource group (move): rg-01

Location: East US

Share URL: https://storage01team1.file.core.windows.net/myfileshare

Redundancy: Geo-redundant storage (GRS)

Configuration modified: 1/14/2026, 11:08:37 PM

Size:

- Maximum storage (GiB): 102400
- Used storage capacity (GiB): 0
- Access tier: Transaction optimized

Feature status:

- Soft delete: 7 days
- Large file shares: Enabled

Identity-based access:

- Directory service: Not configured
- Domain: -

Mount the File Share :

Storage account: storage01team1

Resource group (move): rg-01

Location: East US

Share URL: https://storage01team1.file.core.windows.net/myfileshare

Redundancy: Geo-redundant storage (GRS)

Configuration modified: 1/14/2026, 11:08:37 PM

Size:

- Maximum storage (GiB): 102400
- Used storage capacity (GiB): 0
- Access tier: Transaction optimized

Feature status:

- Soft delete: 7 days
- Large file shares: Enabled

Identity-based access:

- Directory service: Not configured
- Domain: -

Connect:

To connect to this Azure file share from Windows, choose from the following authentication methods and run the PowerShell commands from a normal (not elevated) PowerShell terminal:

Drive letter: Z

Authentication method:

- Active Directory or Microsoft Entra
- Storage account key

Connecting to a share using the storage account key is only appropriate for admin access. Mounting the Azure file share with the Active Directory or Microsoft Entra identity of the user is preferred. [Learn more](#)

Show Script

This script will check to see if this storage account is accessible via TCP port 445, which is the port SMB uses. If port 445 is available, your Azure file share will be persistently mounted. Your organization or internet service provider (ISP) may block port 445, however you may use Azure Point-to-Site (P2S) VPN, Azure Site-to-Site (S2S) VPN, or ExpressRoute to tunnel SMB traffic to your Azure file share over a different port.

Note: The script will only work on Windows Server 2012 and above.

[Learn how to circumvent the port 445 problem \(VPN\)](#)

```

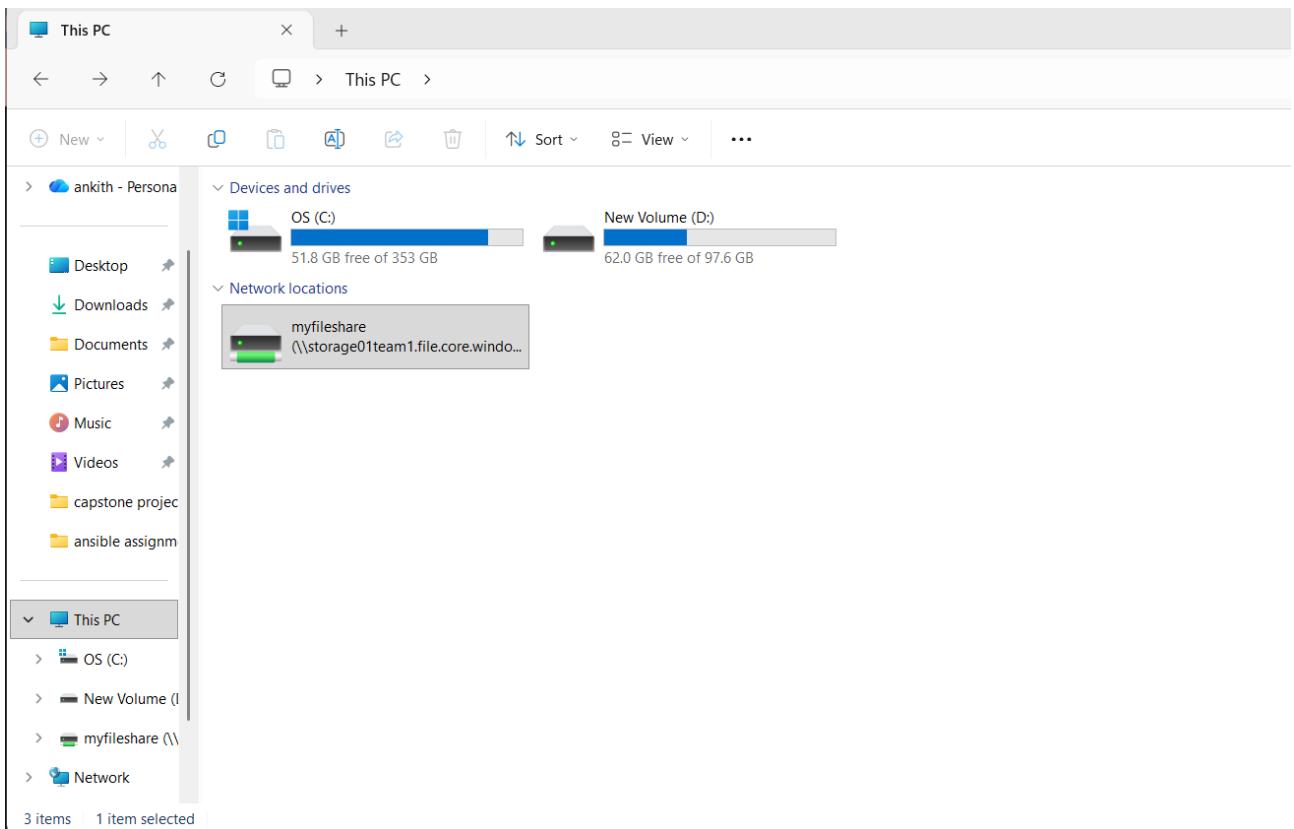
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\ankit> net use Z: \\storage01team1.file.core.windows.net\myfileshare /user:storage01team1 Tqjcx01ALCllQtZLHedF3lUGL0vM026s9G0XxLnVkd3HmESa1QEClH5Purawcz96z3Ywy2QtB6bz+ASz2TGgWA==
The command completed successfully.

PS C:\Users\ankit>

```



Mount on Linux :

```
sudo apt-get update  
sudo apt-get install cifs-utils
```

```
sudo mkdir /mnt/azurefiles
```

```
sudo mount -t cifs //storage01team1.file.core.windows.net/myfileshare  
/mnt/azurefiles -o  
vers=3.0,username=storage01team1,password=Tjqcxo1ALCIIQtZIHedF3IUGLovM  
O26s9GOXxLnvKd3HmESa1QECIH5Purawcz96z3Ywy2QtB6bz+ASt2TGgWA==,di  
r_mode=0777,file_mode=0777,serverino
```

```
cd /mnt/azurefiles
```

4) Tasks To Be Performed:

1. Create a Storage account, and upload some files in Blob storage
2. Create a CDN profile
3. Create an endpoint and connect to the Azure Blob to access the files uploaded

Create a Storage Account & Upload Blobs :

Microsoft Azure Upgrade Search resources, services, and docs (G+)

Home > Storage center | Blob Storage >

Create a storage account

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 *	Azure subscription 1
Resource group *	rg-01
	Create new

Instance details

Storage account name *	blobdemo12345
Region *	(US) East US
	Deploy to an Azure Extended Zone
Preferred storage type	Choose preferred storage type
<small>This helps us provide relevant guidance. It doesn't restrict your storage to this resource type. Learn more</small>	
Performance *	<input checked="" type="radio"/> Standard: Recommended for most scenarios (general-purpose v2 account) <input type="radio"/> Premium: Recommended for scenarios that require low latency.
Redundancy *	Locally-redundant storage (LRS)

[Previous](#) [Next](#) [Review + create](#) [Give feedback](#)

Create a Container & Upload Files :

Microsoft Azure Upgrade Search resources, services, and docs (G+)

Home > blobdemo12345

blobdemo12345 | Containers

Storage account

Actions								
Add container	Upload	Refresh						
<input type="button" value="Add container"/>	<input type="button" value="Upload"/>	<input type="button" value="Refresh"/>						
<input type="button" value="Delete"/>	<input type="button" value="Change access level"/>	<input type="button" value="Restore containers"/>						
<input type="button" value="Edit columns"/>								
<input type="text" value="Search containers by prefix"/> <input type="button" value="Only show"/>								
Showing all 1 items <table border="1"> <thead> <tr> <th>Name</th> <th>Last modified</th> <th>Anonymous access level</th> </tr> </thead> <tbody> <tr> <td>\$logs</td> <td>1/14/2026, 11:38:38 PM</td> <td>Private</td> </tr> </tbody> </table>			Name	Last modified	Anonymous access level	\$logs	1/14/2026, 11:38:38 PM	Private
Name	Last modified	Anonymous access level						
\$logs	1/14/2026, 11:38:38 PM	Private						

Navigation:

- Search
- Diagnose and solve problems
- Access Control (IAM)
- Data migration
- Events
- Storage browser
- Storage Mover
- Partner solutions
- Resource visualizer
- Data storage
 - Containers
 - File shares
 - Queues
 - Tables
- Security + networking
- Data management
- Settings
- Configuration

New container

X

Name *

images



Anonymous access level ⓘ

Private (no anonymous access)



The access level is set to private because anonymous access is disabled on this storage account.

▼ Advanced

Create

Give feedback

+ Add container	Upload	Refresh	Delete	Change access level	Restore containers	Edit columns																		
<input type="text"/> Search containers by prefix						Only show active containers																		
Showing all 2 items																								
<table border="1"> <thead> <tr> <th><input type="checkbox"/></th> <th>Name</th> <th>Last modified</th> <th>Anonymous access level</th> <th>Lease state</th> <th>...</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/></td> <td>\$logs</td> <td>1/14/2026, 11:38:38 PM</td> <td>Private</td> <td>Available</td> <td>...</td> </tr> <tr> <td><input type="checkbox"/></td> <td>images</td> <td>1/14/2026, 11:39:51 PM</td> <td>Private</td> <td>Available</td> <td>...</td> </tr> </tbody> </table>							<input type="checkbox"/>	Name	Last modified	Anonymous access level	Lease state	...	<input type="checkbox"/>	\$logs	1/14/2026, 11:38:38 PM	Private	Available	...	<input type="checkbox"/>	images	1/14/2026, 11:39:51 PM	Private	Available	...
<input type="checkbox"/>	Name	Last modified	Anonymous access level	Lease state	...																			
<input type="checkbox"/>	\$logs	1/14/2026, 11:38:38 PM	Private	Available	...																			
<input type="checkbox"/>	images	1/14/2026, 11:39:51 PM	Private	Available	...																			

Microsoft Azure [Upgrade](#) [Search resources, services, and docs \(G+\)](#) Copilot [...](#) [ankithak990@gmail.com](#) DEFAULT DIRECTORY (ANKITHAK...)

Home > blobdemo12345 | Containers >

images Container

Search Overview Diagnose and solve problems Add Directory Upload Change access level Refresh Delete Copy Paste

Authentications method: Access key (Switch to Microsoft Entra user account) Add filter Search blobs by prefix (case-sensitive)

Showing all 0 items

<input type="checkbox"/>	Name	Last modified	Access
No items found			

Upload blob

Drag and drop files here or [Browse for files](#)

Overwrite if files already exist

Advanced

[Upload](#) [Give feedback](#)

Upload blob



1 file(s) selected: 534389016_18316005430242444_694760360369992162...

Drag and drop files here or [Browse for files](#)

Overwrite if files already exist

Advanced

[Upload](#)

[Give feedback](#)

The screenshot shows the Azure Storage Explorer interface for a container named 'images'. A success message at the top right indicates 'Successfully uploaded blob(s)' and 'Successfully uploaded 1 blob(s)'. The blob list table includes columns for Name, Last modified, Access tier, Blob type, Size, and Lease state. The blob '534389016_18316005430242444_6947603603699921622_n.jpg' is listed with its details.

Create a CDN Profile :

The screenshot shows the Azure portal's 'Front Door and CDN' blade for a storage account named 'blobdemo12345'. A 'New Endpoint' form is open, set to 'Azure Front Door (Recommended)'. The 'Profile name' is 'blobcdnprofile'. Other fields include 'Endpoint name', 'Endpoint host name', 'Origin host name' (set to 'blobdemo12345.blob.core.windows.net (Blob)'), 'Pricing tier' (set to 'Azure Front Door Standard'), and 'Caching' and 'WAF' settings. A 'Create' button is at the bottom.



Deployment name : StorageIntegration-FrontDoorDeployment-1768414422048

Subscription : [Azure subscription 1](#)

Resource group : [rg-01](#)

Start time : 1/14/2026, 11:44:12 PM

Correlation ID : 516e1fe6-800c-42a4-b99b-2b3deed86eeb

<https://storage01team1.z13.web.core.windows.net>

successfully accessing image

5) Tasks To Be Performed:

1. Create a storage account
2. Use the Blob service and upload some files in it
3. Change the access tier to archive

The screenshot shows the Azure Storage Account Overview page for a storage account named "blobdemo12345". The left sidebar contains navigation links such as Overview, Activity log, Tags, Diagnose and solve problems, Access Control (IAM), Data migration, Events, Storage browser, Storage Mover, Partner solutions, Resource visualizer, Data storage (Containers, File shares, Queues, Tables), and Security + networking. The main content area displays the "Essentials" section with details like Resource group (rg-01), Location (eastus), Subscription (Azure subscription 1), Subscription ID, Disk state, and Tags. Below this is the "Properties" tab, which includes sections for Tools + SDKs, Blob service (Hierarchical namespace: Disabled), and Security (Require secure transfer for REST API operations: Enabled). A status bar at the bottom indicates "Default access tier".

Upload Files to Blob Storage

Upload blob

X



1 file(s) selected: PariPulse_reset_code.txt

Drag and drop files here or [Browse for files](#)

Select an existing container

file1

▼

[Create new](#)

Overwrite if files already exist

▼ Advanced

[Upload](#)

Give feedback

Home > Storage center | Blob Storage > blobdemo12345 | Containers >

file1 ...

Container

Search Overview

Add Directory Upload Change access level Refresh Delete Copy Paste Rename Acquire lease Break lease Edit columns

Diagnose and solve problems

Access Control (IAM)

Settings

Authentication method: Access key (Switch to Microsoft Entra user account)

Add filter

Search blobs by prefix (case-sensitive)

Only show active blobs

Name	Last modified	Access tier	Blob type	Size	Lease state
PariPulse_reset_code.txt	1/14/2026, 11:51:13 PM	Hot (Inferred)	Block blob	24 B	Available

Change Access Tier to Archive :

Microsoft Azure Upgrade Search resources, services, and docs (G+)

Home > Storage center | Blob Storage > blobdemo12345 | Co

PariPulse_reset_code.txt

Blob

Save Discard Download Refresh Delete Change tier Acquire lease Break lease Give feedback

Overview Versions Snapshots Edit Generate SAS

Properties

URL	https://blobdemo12345...
LAST MODIFIED	1/14/2026, 11:51:13 PM
CREATION TIME	1/14/2026, 11:51:13 PM
VERSION ID	-
TYPE	Block blob
SIZE	24 B
ACCESS TIER	Hot (Inferred)
ACCESS TIER LAST MODIFIED	N/A
ARCHIVE STATUS	-
REHYDRATE PRIORITY	-
SERVER ENCRYPTED	true
ETAG	0x8DE5399B35F1C49
VERSION-LEVEL IMMUTABILITY POLICY	Disabled
CACHE-CONTROL	-
CONTENT-TYPE	text/plain
CONTENT-MD5	EepUz4TxZq5fBZon+d5A==
CONTENT-ENCODING	-
CONTENT-LANGUAGE	-

Add or remove favorites by pressing Ctrl+Shift+F

Change tier

PariPulse_reset_code.txt

Optimize storage costs by placing your data in the appropriate access tier. [Learn more](#)

Access tier

Archive

i Setting the access tier to "Archive" will make your blob inaccessible until it is rehydrated back to "Hot" or "Cool", which may take several hours.

i Changing the access tier may result in additional charges. [Learn more](#)

Save

Cancel

Give feedback

PariPulse_reset_code.txt

X

Blob

Save Discard Download Refresh Delete Change tier Acquire lease Break lease Give feedback

This blob is currently archived and can't be downloaded. Rehydrate the blob by copying and pasting it in the desired storage account to download or change the blob's tier to hot or cool. [Learn more](#)

[Overview](#) [Versions](#) [Snapshots](#) [Edit](#) [Generate SAS](#)

Properties

URL	https://blobdemo12345...
LAST MODIFIED	1/14/2026, 11:51:13 PM
CREATION TIME	1/14/2026, 11:51:13 PM
VERSION ID	-
TYPE	Block blob
SIZE	24 B
ACCESS TIER	Archive
ACCESS TIER LAST MODIFIED	1/14/2026, 11:53:01 PM
ARCHIVE STATUS	-
REHYDRATE PRIORITY	-
SERVER ENCRYPTED	true
ETAG	0x8DE5399B35F1C49
VERSION-LEVEL IMMUTABILITY POLICY	Disabled
CACHE-CONTROL	<input type="text"/>
CONTENT-TYPE	<input type="text"/> text/plain