

Assignment 1

Tasks To Be Performed:

1. Create a storage account
2. Connect storage explorer to this storage account

Create a Resource group using RG create storage account. Download Storage Explorer in your system. Search for Microsoft Azure Storage Explorer and click on connect.

Microsoft Azure Storage Explorer

File Edit View Help

EXPLORER

Get Started x

Search for resources

Collapse all Refresh all

Quick Access


Emulator & Attached


Storage Accounts

- (Attached Containers)
- (Emulator - Default Ports) (Key)
- sasokens-1 (SAS - expired)


Storage Explorer


Get Started


 **Sign in with Azure**
Sign in with your Azure account to access all of your Azure resources.

 **Attach to a resource**
Don't have permissions to access Azure subscriptions? You can connect to individual storage resources using various authentication methods.



Tasks

 **View Azure resources**
See your subscriptions and Azure resources all in one place.

 **Manage accounts and subscriptions**
Manage your Azure accounts and choose which subscriptions you want to see.

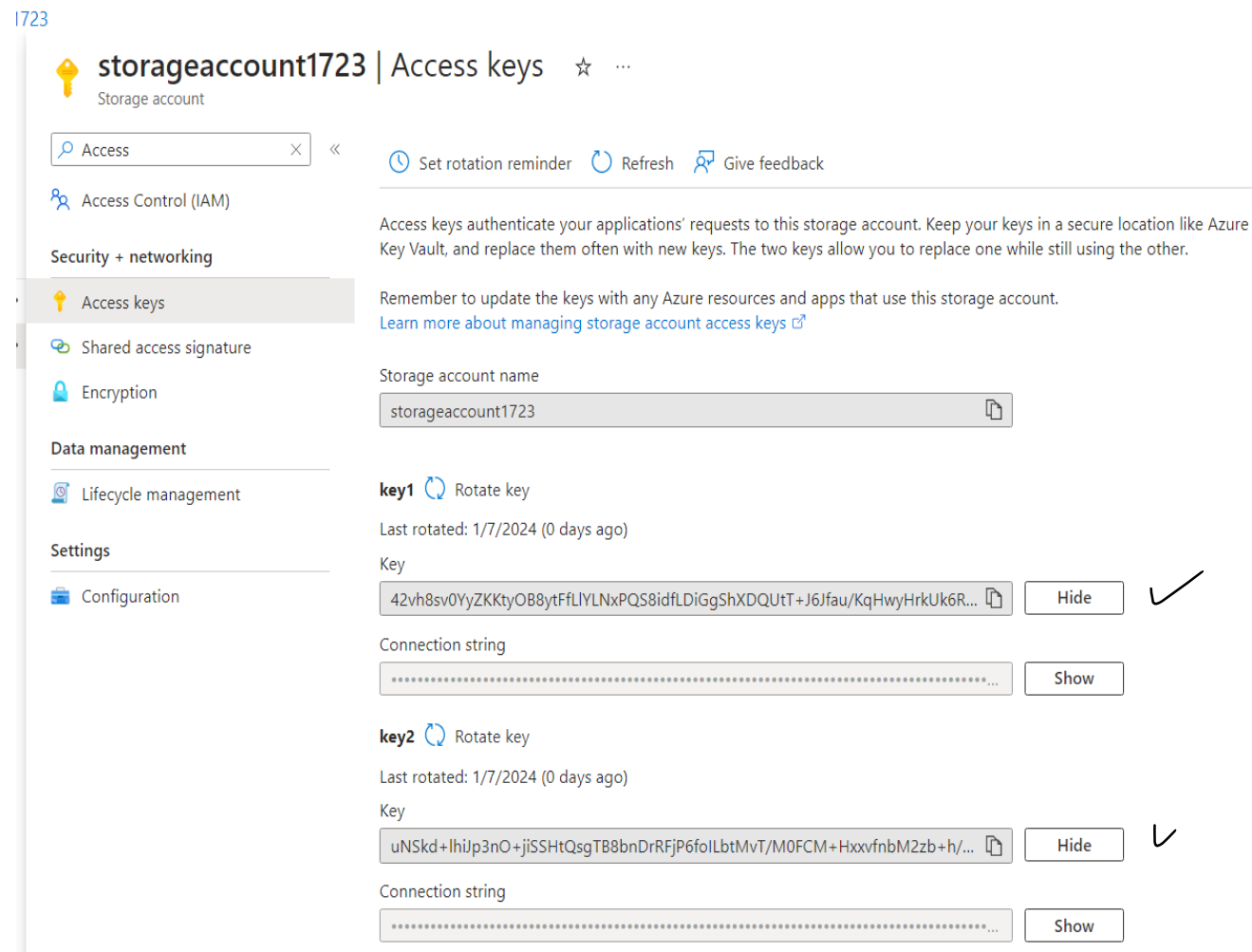
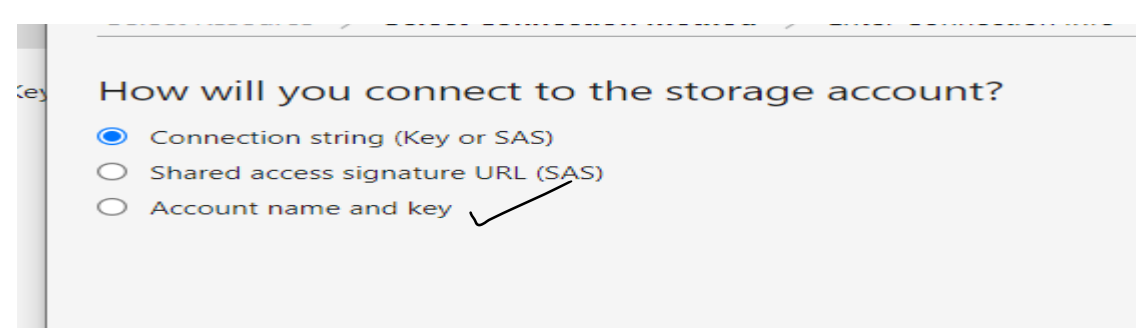
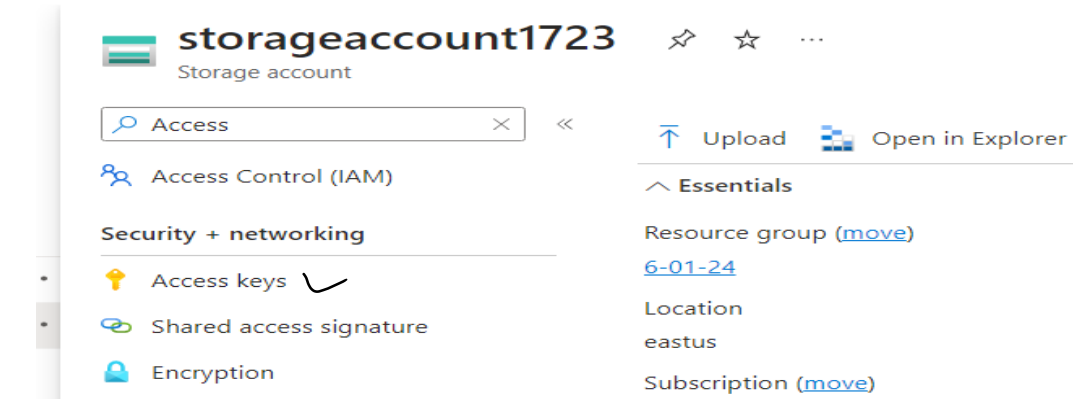
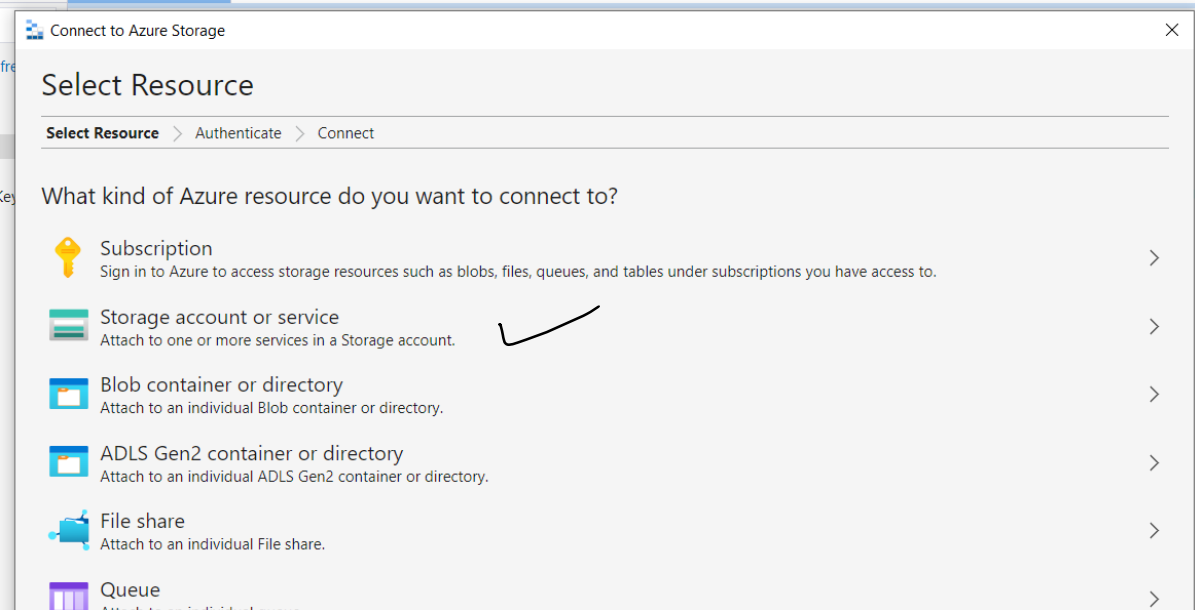
 **Connect to Azure resources**
Sign into Azure or attach to individual storage resources.

Resources

-  [Documentation](#)
-  [Troubleshooting Guide](#)

Actions Properties Activities

Clear completed Clear successful



Get Started

Connect to Azure Storage

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

Display name:

myStorage2 ✓

Account name:

storageaccount1723 ✓

Account key:

uNSkd+lhiJp3nO+jjSShtQsgTB8bnDrRFjP6folLbtMvT/M0FCM+HxxvfnbM2zb+h/0XoLMkJa5b+AStgHcohQ== ✓

Storage domain:

- ☒ Azure (core.windows.net)
- ☐ Azure China (core.chinacloudapi.cn)
- ☐ US Government (core.usgovcloudapi.net)
- ☐ Other:

core.windows.net

☐ Use HTTP (not recommended)

Back

Next

Cancel

Microsoft Azure Storage Explorer

File Edit View Help

EXPLORER

Search for resources

Collapse all

Refresh all

Quick Access

Emulator & Attached

Storage Accounts

(Attached Containers)

(Emulator - Default Ports) (Key)

myStorage2 (Key) ✓

Blob Containers

File Shares

Queues

Tables

sasokens-1 (SAS - expired)

Assignment 2

Tasks To Be Performed:

Do the following using the Storage explorer:

1. Create a file share using the Storage explorer
2. Upload files to the blob service
3. Create an Azure Table and insert a record

Go to Storage explore – Actions or right click – choose Create file share . Name the file share and Enter.

Microsoft Azure Storage Explorer

File Edit View Help

EXPLORER

Search for resources

Collapse all Refresh all

- Quick Access
- Emulator & Attached
 - Storage Accounts
 - (Attached Containers)
 - (Emulator - Default Ports) (Key)
 - myStorage2 (Key)
 - Blob Containers
 - File Shares** ✓
 - Queues
 - Tables
 - sasokens-1 (SAS - expired)

Actions Properties Activities

Create File Share ✓

Open File Share by Name...

Paste File Share

Configure CORS Settings...

Search From Here

Refresh

Activities

Clear completed Clear successful

✓ Successfully added new connection.

Microsoft Azure Storage Explorer

File Edit View Help

EXPLORER

Search for resources

Collapse all Refresh all

- Quick Access
- Emulator & Attached
 - Storage Accounts
 - (Attached Containers)
 - (Emulator - Default Ports) (Key)
 - myStorage2 (Key)
 - Blob Containers
 - File Shares**
 - 6-Jan-File share** ✓
 - Queues
 - Tables
 - sasokens-1 (SAS - expired)

+ File share Refresh


File share settings

Identity-based access: [Not configured](#) Default share-level permissions: [Disabled](#) Soft delete: [Disabled](#)

Maximum capacity: [5 TiB](#) Security: [Maximum compatibility](#)

Search file shares by prefix (case-sensitive)

☐ Show deleted shares

Name	Modified	Tier	Quota	
 sessionfileshare ✓	1/7/2024, 1:20:16 AM	Transaction optimized	5 TiB	...

We can also upload some files from here.

Microsoft Azure Storage Explorer

File Edit View Help

EXPLORER

Search for resources

Collapse all Refresh all

Quick Access

Emulator & Attached

Storage Accounts

(Attached Containers)

(Emulator - Default Ports) (Key)

myStorage2 (Key)

Blob Containers

File Shares

sessionfileshare

Queues

Tables

sasokens-1 (SAS - expired)

Get Started sessionfileshare

Upload Download Open Preview New Folder Select All Copy Paste Clone Rename Move Connect VM Delete View Share Snapshots Directory Statistics Refresh

Current sessionfileshare Filter by prefix (case-insensitive)

Name	Size	File ID	Creation Time	Last Modified	Last Write
aws_capstone_project1.pem	1.64 KiB	13835128424026341376	11/17/2023 2:30 PM	1/7/2024 1:24 AM	11/17/2023

Showing 1 to 1 of 1 cached items

1 Load more

Activities

Clear completed Clear successful

Transfer of 'C:\Users\SHRUTI SHUKLA\Downloads\aws_capstone_project1.pem' to 'sessionfileshare/' complete: 1 item transferred (used SAS, discovery completed) Copy AzCopy Command to Clipboard

Started at: 1/7/2024 1:24 AM, Duration: 8 seconds

Successfully created file share 'sessionfileshare'

Successfully added new connection.

Open

Open New Tab

Clone...

Delete

Copy File Share

Get Shared Access Signature...

Type here to search

18°C 1:24 AM 1/7/2024

Microsoft Azure

Upgrade

Search resources, services, and docs (G+)

3

shuklakapil20000@gma...
DEFAULT DIRECTORY

Home > Storage accounts > storageaccount1723 | File shares > sessionfileshare

sessionfileshare | Browse

SMB File share

Search

Connect

Upload

Add directory

Refresh

Delete share

Change tier

Edit quota

Overview

Diagnose and solve problems

Access Control (IAM)

Browse ✓

Operations

Snapshots

Backup

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

Search files by prefix

Name	Type	Size
aws_capstone_project1.pem ✓	File	1.64 KiB

Configuration – Allow Anonymous Blob Access which allow public access.

Settings

Configuration

Data Lake Gen2 upgrade

Resource sharing (CORS)

Advisor recommendations

Endpoints

Locks

Monitoring

Standard Premium

This setting cannot be changed after the storage account is created.

Secure transfer required ⓘ
☐ Disabled ☒ Enabled

Allow Blob anonymous access ⓘ
☐ Disabled ☒ Enabled

Some blobs may become anonymously readable.

Allow storage account key access ⓘ
☐ Disabled ☒ Enabled

Microsoft Azure Storage Explorer

File Edit View Help

EXPLORER

Search for resources

Collapse all Refresh all

- Quick Access
 - Emulator & Attached
 - Storage Accounts
 - (Attached Containers)
 - (Emulator - Default Ports) (Key)
 - myStorage2 (Key)
 - Blob Containers** ✓
 - \$logs
 - newblob
 - View all
 - File Shares
 - sessionfileshare
 - Queues
 - Tables
 - sasokens-1 (SAS - expired)

Actions Properties

- Create Blob Container ✓
 - Open Container by Name...
 - View All
 - Paste Blob Container
 - Configure CORS Settings...
 - Configure Soft Delete Policy...

Microsoft Azure Storage Explorer

File Edit View Help

EXPLORER

Search for resources

Collapse all Refresh all

- Quick Access
 - Emulator & Attached
 - Storage Accounts
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 - (Emulator - Default Ports) (Key)
 - myStorage2 (Key)
 - Blob Containers** ✓
 - \$logs
 - latestblob** ✓
 - newblob
 - View all
 - File Shares
 - sessionfileshare
 - Queues
 - Tables
 - sasokens-1 (SAS - expired)

Actions Properties

- Open
 - Open New Tab
 - Clone...
- Delete
- Copy Blob Container
- Get Shared Access Signature...

Get Started sessionfileshare latestblob

Upload Download

Active blobs (0)

Name

Showing 0 to 0 of 0 cached items

Activities

- Clear completed Clear success
- Successfully created blob
- Transfer of 'C:\Users\SHR' Started at: 1/7/2024 1:24
- Successfully created file s
- Successfully added new c

Microsoft Azure Storage Explorer

Upload Files

Select the files you want to upload, the type of blob you want to upload as, and the destination directory.

Selected files:

wallpaperflare.com_wallpaper (5).jpg ✓

Blob type:

Block Blob

☒ Upload .vhd/vhdx files as page blobs (recommended)

Target Access Tier:

Default

Destination directory:

/

Tags:

key value

Upload Cancel

+

 Container

🔒

 Change access level

↺

 Restore containers

🔄

 Refresh

🗑️

 Delete

🗨️

 Give feedback

Search containers by prefix

⏻

 Show deleted containers

Name	Last modified	Anonymous access level	Lease state	
<input type="checkbox"/> \$logs	1/7/2024, 12:37:36 AM	Private	Available	...
<input type="checkbox"/> latestblob ✓	1/7/2024, 1:39:27 AM	Private	Available	...
<input type="checkbox"/> newblob	1/7/2024, 1:33:30 AM	Blob	Available	...

File Edit View Help

EXPLORER

🔍 Search for resources

Collapse all

Refresh all

🌟 Quick Access

🔗 Emulator & Attached

📁 Storage Accounts

📁 (Attached Containers)

📁 (Emulator - Default Ports) (Key)

📁 myStorage2 (Key)

📁 Blob Containers

📁 \$logs

📁 latestblob

📁 newblob

View all

📁 File Shares

📁 sessionfileshare

📁 Queues

📁 Tables

📁 sasokens-1 (SAS - expired)

Actions

Properties

Create Table

Open Table by Name...

↑

 Upload

🔒

 Change access level

🔄

 Refresh

🗑️

 Delete

↺

 Change tier

🔑

 Acquire lease

🔑

 Break lease

📺

 View snaps

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

Location: latestblob

Search blobs by prefix (case-sensitive)

+🔍

 Add filter

Name	Modified	Access tier	Archive status	Blob type
<input type="checkbox"/> wallpaperflare.com_wallpaper (5).jpg ✓	1/7/2024, 1:41:34 AM	Hot (Inferred)		Block blob

Microsoft Azure Storage Explorer

File Edit View Help

EXPLORER

🔍 Search for resources

Collapse all

Refresh all

🌟 Quick Access

🔗 Emulator & Attached

📁 Storage Accounts

📁 (Attached Containers)

📁 (Emulator - Default Ports) (Key)

📁 myStorage2 (Key)

📁 Blob Containers

📁 \$logs

📁 latestblob

📁 newblob

View all

📁 File Shares

📁 sessionfileshare

📁 Queues

📁 Tables

📁 \$MetricsCapacityBlob

📁 \$MetricsHourPrimaryTransac

📁 \$MetricsHourSecondaryTran

📁 \$MetricsMinutePrimaryTrans

📁 \$MetricsMinuteSecondaryTri

📁 Hello ✓

📁 Newdata

📁 sasokens-1 (SAS - expired)

Actions

Properties

Open

Open in New Tab

Get Started

sessionfileshare

latestblob

Newdata

Hello

📄 Query

📄 Import

📄 Export

+

 Add

✎

 Edit

📄

 Select All

🔧

 Customize Columns

✕

 Delete

Σ

 Table Statistics

🔄

 Refresh

PartitionKey

RowKey

No data to display

Showing 0 to 0 of 0 cached items

Activities

Clear completed

Clear successful

✔ Successfully created table 'Hello'

723

Add Entity

Property Name	Type	Value
PartitionKey	String	1
RowKey	String	1
Name	String	Kapil

[Add Property](#)

[Insert](#) [Cancel](#)

723

Get Started sessionfileshare latestblob Newdata Hello

Query Import Export Add Edit Select All Customize Columns Delete Table Statistics Refresh

PartitionKey	RowKey	Timestamp	Name
1	1	2024-01-06T20:23:23.5935735Z	Kapil
1	2	2024-01-06T20:23:48.3688355Z	Prashant

723

storageaccount1723 | Tables

Storage account

tables

Storage browser

Data storage

Tables

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

Search tables by prefix

Table	Url
<input type="checkbox"/> Hello	https://storageaccount1723.table.core.windows.net/Hello
<input type="checkbox"/> Newdata	https://storageaccount1723.table.core.windows.net/Newdata

Search for resources

Collapse all Refresh all

- Quick Access
- Emulator & Attached
 - Storage Accounts
 - (Attached Containers)
 - (Emulator - Default Ports) (Key)
 - myStorage2 (Key)

Filter by prefix (case-sensitive)

Name

Storage accounts

Copy Primary Key

Get Shared Access Signature...

Search From Here

Refresh

Pin to Quick Access

Detach ✓

Rename Connection...

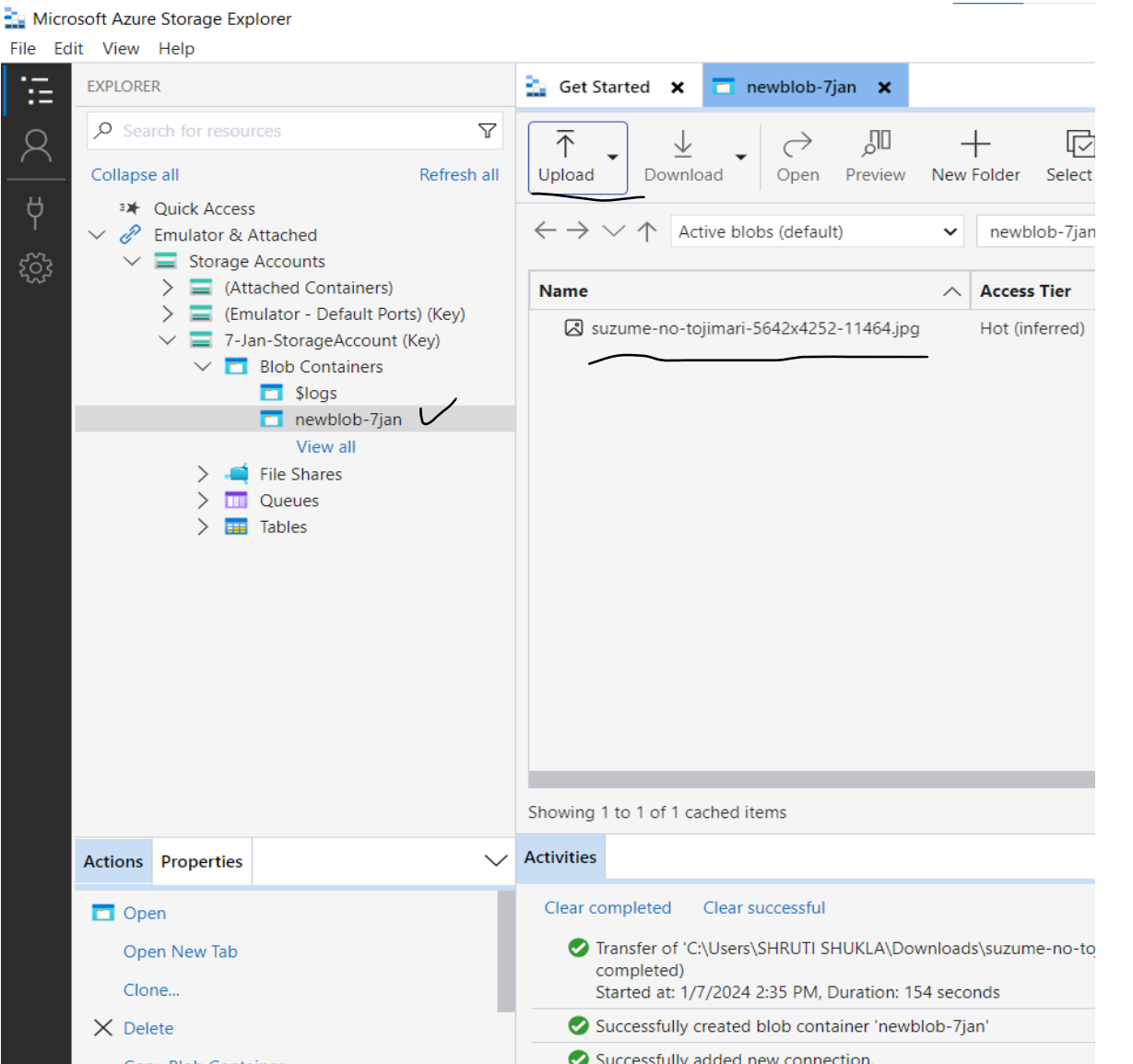
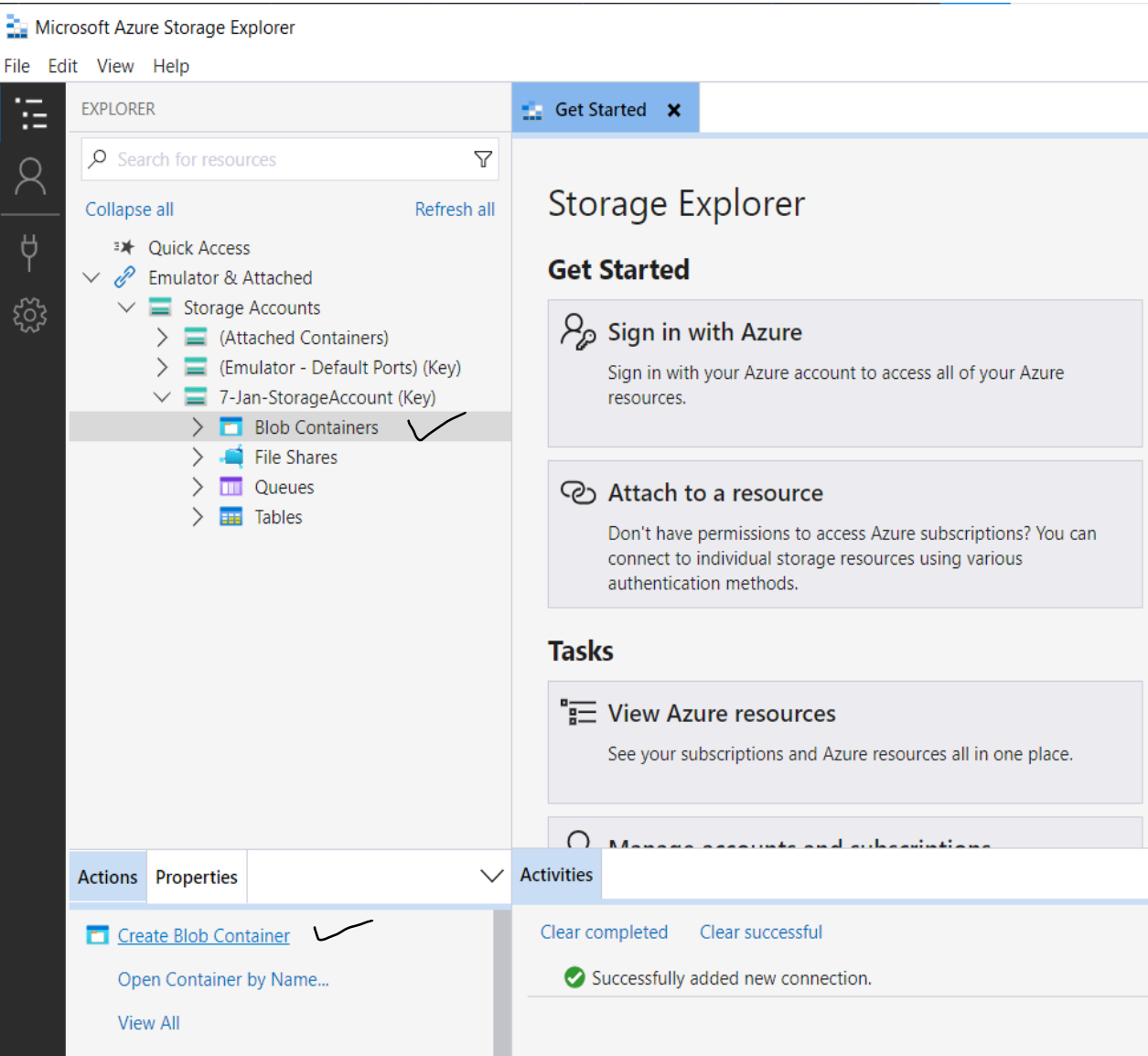
If we want to disconnect to Storage account – detach.

Assignment 3

Tasks To Be Performed:

1. Create two storage accounts and create a container inside it
2. Upload some data to the first Blob service
3. Using Data Factory copy data to the second storage service's container

Create two Storage Account and upload some file in blob container.



+ Container

🔒 Change access level

↶ Restore containers

↻ Refresh

🗑 Delete

🗨 Give feedback

Search containers by prefix

Show deleted containers

Name	Last modified	Anonymous access level	Lease state	
<div><div></div>\$logs</div>	1/7/2024, 2:27:15 PM	Private	Available	...
<div><div></div>newblob-7jan</div>	1/7/2024, 2:35:36 PM	Private	Available	...

[Home](#) >

Storage accounts

[🔗](#)
[...](#)

Default Directory

+ Create

↶ Restore

⚙ Manage view

↺ Refresh

⬇ Export to CSV

🔗 Open query

🏷 Assign tags

🗑 Delete

Filter for any field...

Subscription equals all

Resource group equals all

Location equals all

+ Add filter

Showing 1 to 3 of 3 records.

No grouping

☰ List view

<input type="checkbox"/> Name ↑↓	Type ↑↓	Kind ↑↓	Resource group ↑↓	Location ↑↓	Subscription ↑↓
<input type="checkbox"/> csg1003200338666edb	Storage account	StorageV2	cloud-shell-storage-centralindia	Central India	Free Trial
<input type="checkbox"/> storeacc270124	Storage account	StorageV2	7-01-24	East US	Free Trial
<input type="checkbox"/> storeacc70124	Storage account	StorageV2	7-01-24	East US	Free Trial

Create another container in second Storage Account.

storeacc270124

Storage account

[🔗](#)
[☆](#)
[...](#)

[+ Container](#)
[🔒 Change access level](#)
[↶ Restore containers](#)
[🔄 Refresh](#)
[🗑 Delete](#)
[🗨 Give feedback](#)

☐ Show deleted containers

Data storage

Containers

File shares

Queues

Tables

Name	Last modified	Anonymous access level	Lease state	
<input type="checkbox"/> \$logs	1/7/2024, 2:47:43 PM	Private	Available	...
<input type="checkbox"/> servicecontainer	1/7/2024, 3:17:15 PM	Blob	Available	...

Location $\uparrow\downarrow$

Review + create

Data factory (V2)

Data factory

Datafac7jan

New ▾

Launch studio - ingest



Ingest

Copy data at scale once or on a schedule.



Orchestrate

Code-free data pipelines.



Transform data

Transform your data using data flows.



Configure SSIS

Manage & run your SSIS packages in the cloud.

Use Copy Data Tool to perform a one-time or scheduled data load from 90+ data sources. Follow the wizard experience to specify your data loading settings, and let the Copy Data Tool generate the artifacts for you, including...

Properties

Select copy data task type and configure task schedule

Task type



Built-in copy task

You will get single pipeline to copy data from 90+ data source easily.



Metadata-driven copy task

You will get parameterized pipelines which can read metadata from an external store to load data at a large scale.

You will get single pipeline to quickly copy objects from data source store to destination in a very intuitive manner.

Task cadence or task schedule *

☒ Run once now ☐ Schedule ☐ Tumbling window

< Previous

Next >



Source data store

Specify the source data store for the copy task. You can use an existing data store connection or specify a new data store.

Source type

All ▾

Connection *

Select... ▾

+ New connection

Search

All

Azure

Database

File

Generic protocol

NoSQL

Services and apps



Apache Impala





Azure Blob Storage



Azure Cosmos DB for
MongoDB

New connection

 Azure Blob Storage [Learn more](#) 

Name *

AzureBlobStorage1

Description

Connect via integration runtime * ^①

AutoResolveIntegrationRuntime

Authentication type

Account key

Connection string

Azure Key Vault

Account selection method ^①

☒ From Azure subscription ☐ Enter manually

Azure subscription ^①

Free Trial (dfe5760d-8ca2-4f3e-af83-62c16886c3b7) ✓

Storage account name *

storeacc170124 ✓

Additional connection properties

+ New

Test connection ^①

☒ To linked service ☐ To file path

Annotations


+ New

> Parameters

> Advanced ^①

Create

Back

 Test connection

Cancel


Source data store

Specify the source data store for the copy task. You can use an existing data store connection or specify a new data store.

Source type

All

Connection *

 AzureBlobStorage2

 Edit

+ New connection

File or folder *

If the identity you use to access the data store only has permission to subdirectory instead of the entire account, specify the path to browse.

newblob-7jan/

 Browse ✓

Options

☐ Binary copy ^①

☒ Recursively ^①

☐ Enable partitions discovery ^①

Max concurrent connections ^①

Filter by last modified

Start time (UTC)

End time (UTC)

< Previous

Next >

Source Storage
Account.

shuklakapil20000@gmail.com
DEFAULT DIRECTORY

New connection

Azure Blob Storage [Learn more](#)

Name *

AzureBlobStorage3

Description

Connect via integration runtime * ⓘ

AutoResolveIntegrationRuntime

Authentication type

Account key

Connection string

Azure Key Vault

Account selection method ⓘ

☒ From Azure subscription

☐ Enter manually

Azure subscription ⓘ

Free Trial (dfe5760d-8ca2-4f3e-af83-62c16886c3b7) ✓

Storage account name *

storeacc270124 ✓

Additional connection properties

+ New

Create

Back

Test connection

Cancel

Destination Storage Account.

Destination data store

Specify the destination data store for the copy task. You can use an existing data store connection or specify a new data store.

Destination type

All

Connection *

AzureBlobStorage3

Edit

+ New connection

Folder path *

If the identity you use to access the data store only has permission to subdirectory instead of the entire account, specify the path to browse.

servicecontainer

Browse ✓

File name

Copy behavior ⓘ

Select...

Max concurrent connections ⓘ

Block size (MB) ⓘ

Metadata ⓘ

+ New

< Previous

Next > ✓

Copy Data tool

- ✓ Properties
- ✓ Source
- ✓ Destination
- ✓ Settings
- 5 Review and finish
- Review
- Deployment

Summary

You are running pipeline to copy data from Azure Blob Storage to Azure Blob Storage.



Properties

Edit

Task name CopyPipeline_u2c

Task description

Source

Edit

Connection name AzureBlobStorage2

Dataset name SourceDataset_u2c

Column delimiter ,

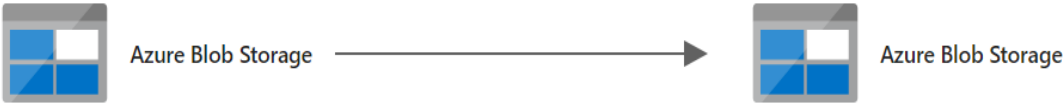
Row delimiter

Escape character \

First row as header false

Container newblob-7jan

< Previous Next >



Deployment complete

Deployment step	Status
Validating copy runtime environment	✓ Succeeded
> Creating datasets	✓ Succeeded
> Creating pipelines	✓ Succeeded
> Running pipelines	✓ Succeeded

Datasets and pipelines have been created. You can now monitor and edit the copy pipelines or click finish to close Copy Data Tool.

Finish Edit pipeline Monitor

File format settings

File format JSON Preview data

☐ Export as-is to JSON files or Azure Cosmos DB collection

Compression type

Encoding Default(UTF-8)

Additional columns + New

< Previous Next >

Select which file format you want to copy and Data factory could support only few file formats.

First source container will Add and then Destination Storage account.

Microsoft Azure Search resources, services, and docs (G+) shuklakapil20000@gma... DEFAULT DIRECTORY

Home > Storage accounts > storeacc270124 | Containers >

servicecontainer Container

Search

Upload Change access level Refresh Delete Change tier Acquire lease Break lease View snapshots Create snapshot Give feedback

Authentication method: Access key ([Switch to Microsoft Entra user account](#))
Location: servicecontainer

Search blobs by prefix (case-sensitive) ☐ Show deleted blobs

+ Add filter

Name	Modified	Access tier	Archive status	Blob type	Size	Lease state
<input type="checkbox"/> sample1.json	1/7/2024, 4:10:49 PM	Hot (Inferred)		Block blob	51 B	Available

Assignment 4

Tasks To Be Performed:

1. Use the same storage accounts from previous assignment
2. Use AzCopy utility to copy data from one storage container to another

Download the AZ copy . Extract the file – copy the path – open CMD – Run as admin.

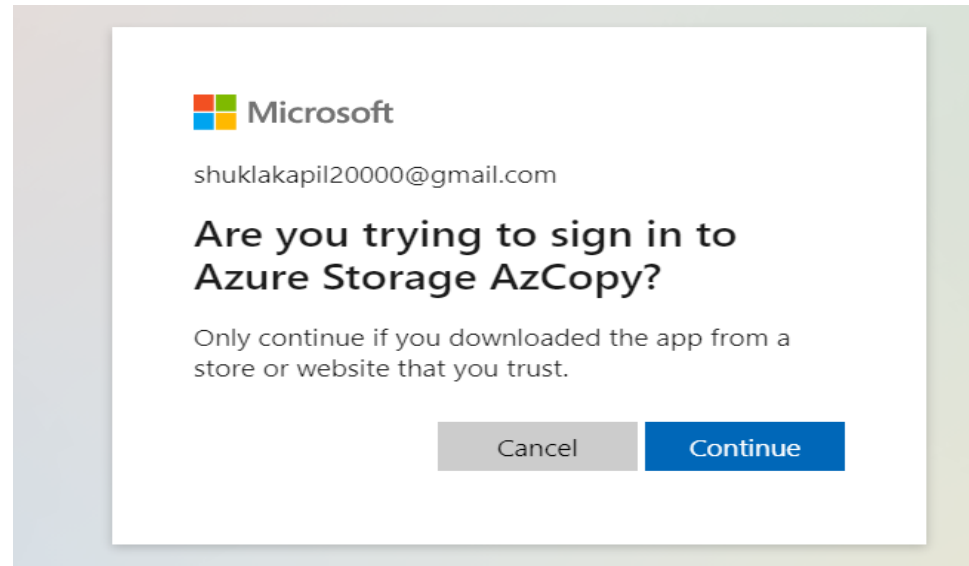
The image shows two screenshots. The top screenshot is a Windows File Explorer window titled 'azcopy_windows_amd64_10.22.1 (1)'. The address bar shows the path 'C:\Users\SHRUTI SHUKLA\Downloads\azcopy_windows_amd64_10.22.1 (1)'. The 'Copy the path' button is highlighted. The file list shows two items: 'azcopy' (Application, 31,842 KB) and 'NOTICE' (Text Document, 501 KB). The bottom screenshot is the Microsoft Azure portal, showing the 'Default Directory | Overview' page for Microsoft Entra ID. The page includes a sidebar with navigation options like 'Overview', 'Preview features', 'Diagnose and solve problems', and 'Manage'. The main content area shows 'Basic information' for the 'Default Directory', including the 'Tenant ID' (6252865c-f4a0-4a65-9985-1f088eaa6f8f) which is marked with a checkmark. Other details include the 'Primary domain' (shuklakapil20000gmail.onmicrosoft.com) and 'License' (Microsoft Entra ID Free). There are also 'Alerts' at the bottom, including a warning about 'Microsoft Entra Connect v1 Retirement' and an information message about 'Azure AD is now Microsoft Entra ID'.

File Explorer window showing the path: `C:\Users\SHRUTI SHUKLA\Downloads\azcopy_windows_amd64_10.22.1 (1)`. The file list includes:

Name	Date modified	Type	Size
azcopy	12/20/2023 10:13 PM	Application	31,842 KB
NOTICE	12/20/2023 10:13 PM	Text Document	501 KB

The bottom screenshot shows the Microsoft Azure portal, specifically the 'Default Directory | Overview' page. The page displays basic information about the directory, including the Tenant ID (6252865c-f4a0-4a65-9985-1f088eaa6f8f) and the Primary domain (shuklakapil20000gmail.onmicrosoft.com). A checkmark is visible next to the Tenant ID. The page also includes a sidebar with navigation options and a section for Alerts, which includes a warning about Microsoft Entra Connect v1 Retirement and an information message about Azure AD being renamed to Microsoft Entra ID.

azcopy login – tenant-id _____ - copy the URL and browse – enter password.



```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.19044.1645]
(c) Microsoft Corporation. All rights reserved.


C:\Windows\system32>cd C:\Users\SHRUTI SHUKLA\Downloads\azcopy_windows_amd64_10.22.1 (1)

C:\Users\SHRUTI SHUKLA\Downloads\azcopy_windows_amd64_10.22.1 (1)>azcopy login --tenant-id 6252865c-f4a0-4a65-9985-1f088eaa6f8f ✓
INFO: 'azcopy login' command will be deprecated starting release 10.22. Use auto-login instead. Visit https://learn.microsoft.com/en-us/azure/storage/common/storage-use-azcopy-authorize-azure-active-directory#authorize-without-a-secret-store to know more.
To sign in, use a web browser to open the page https://microsoft.com/devicelogin and enter the code NJ3GZLWHH to authenticate.

INFO: Login succeeded.

C:\Users\SHRUTI SHUKLA\Downloads\azcopy_windows_amd64_10.22.1 (1)>
```

Create SAS in both storage Account – give command azcopy copy “SAS1” “SAS2” --recursive

 **sa7124** | Shared access signature ☆ ...

Storage account

× << Give feedback

Security + networking

Shared access signature

A shared access signature (SAS) is a URI that grants restricted access rights to Azure Storage resources. You can provide a shared access signature to clients who should not be trusted with your storage account key but whom you wish to delegate access to certain storage account resources. By distributing a shared access signature URI to these clients, you grant them access to a resource for a specified period of time.

An account-level SAS can delegate access to multiple storage services (i.e. blob, file, queue, table). Note that stored access policies are currently not supported for an account-level SAS.

[Learn more about creating an account SAS](#)

Allowed services ⓘ

☒ Blob ☐ File ☐ Queue ☐ Table

Allowed resource types ⓘ

☒ Service ☒ Container ☒ Object

Allowed permissions ⓘ

☒ Read ☒ Write ☒ Delete ☒ List ☒ Add ☒ Create ☐ Update ☐ Process ☒ Immutable storage ☒ Permanent delete

Blob versioning permissions ⓘ

☒ Enables deletion of versions

Allowed blob index permissions ⓘ

☒ Read/Write ☒ Filter

Start and expiry date/time ⓘ

Start

End

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

Allowed IP addresses ⓘ

Allowed protocols ⓘ

☒ HTTPS only ☐ HTTPS and HTTP

Preferred routing tier ⓘ

☒ Basic (default) ☐ Microsoft network routing ☐ Internet routing

! Some routing options are disabled because the endpoints are not published.

Signing key ⓘ

▼

Generate SAS and connection string

Connection string

BlobEndpoint=https://sa7124.blob.core.windows.net/QueueEndpoint=https://sa7124.queue.core.windows.net/FileEndpoint=https://sa7124.f...

SAS token ⓘ

?sv=2022-11-02&ss=b&srt=sco&sp=rwdlaciytfx&se=2024-01-08T03:53:09Z&st=2024-01-07T19:53:09Z&spr=https&sig=QnD2c4UJXqeSKG...

Blob service SAS URL

https://sa7124.blob.core.windows.net/?sv=2022-11-02&ss=b&srt=sco&sp=rwdlaciytfx&se=2024-01-08T03:53:09Z&st=2024-01-07T19:53:09...




```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.19044.1645]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\system32>cd C:\Users\SHRUTI SHUKLA\Downloads\azcopy_windows_amd64_10.22.1 (1)

C:\Users\SHRUTI SHUKLA\Downloads\azcopy_windows_amd64_10.22.1 (1)>azcopy login --tenant-id 6252865c-f4a0-4a65-9985-1f088eaa6f8f
INFO: 'azcopy login' command will be deprecated starting release 10.22. Use auto-login instead. Visit https://learn.microsoft.com/en-us/azure/storage/common/storage-use-azcopy-authorize-azure-active-directory#au
thorize-without-a-secret-store to know more.
To sign in, use a web browser to open the page https://microsoft.com/devicelogin and enter the code NJ3GZLWHH to authenticate.

INFO: Login succeeded.

C:\Users\SHRUTI SHUKLA\Downloads\azcopy_windows_amd64_10.22.1 (1)>azcopy copy "https://sa7124.blob.core.windows.net/?sv=2022-11-02&ss=b&srt=sco&sp=rwdlaciyltfx&se=2024-01-08T03:53:09Z&st=2024-01-07T19:53:09Z&spr=
https&sig=QnD2c4UjXqeSKGmcHpEOCZBnSA%2FenQPJgYzofXD%2BtLI%3D" "https://sa27124.blob.core.windows.net/?sv=2022-11-02&ss=b&srt=sco&sp=rwdlaciyltfx&se=2024-01-08T03:57:25Z&st=2024-01-07T19:57:25Z&spr=https&sig=UfbIm
m9B7Nq%2FATWzfONSOACvWM0oujWh8kaS6jP06YQ%3D" --recursive
INFO: Scanning...
INFO: Any empty folders will not be processed, because source and/or destination doesn't have full folder support

Job f6eb0d55-9ef1-f141-7bae-8410ca78d6ae has started
Log file is located at: C:\Users\SHRUTI SHUKLA\azcopy\f6eb0d55-9ef1-f141-7bae-8410ca78d6ae.log

100.0 %, 1 Done, 0 Failed, 0 Pending, 0 Skipped, 1 Total,

Job f6eb0d55-9ef1-f141-7bae-8410ca78d6ae summary
Elapsed Time (Minutes): 0.0673
Number of File Transfers: 1
Number of Folder Property Transfers: 0
Number of Symlink Transfers: 0
Total Number of Transfers: 1
Number of File Transfers Completed: 1
Number of Folder Transfers Completed: 0
Number of File Transfers Failed: 0
Number of Folder Transfers Failed: 0
Number of File Transfers Skipped: 0
Number of Folder Transfers Skipped: 0
TotalBytesTransferred: 7931328
Final Job Status: Completed

C:\Users\SHRUTI SHUKLA\Downloads\azcopy_windows_amd64_10.22.1 (1)>
```



sa27124 | Containers

Storage account

Sas

Tags

Diagnose and solve problems

Access Control (IAM)

Data migration

Events

Storage browser

Storage Mover

+ Container

Change access level

Restore containers

Refresh

Delete

Give feedback

Search containers by prefix

Show deleted containers

Name	Last modified	Anonymous access level	Lease state	
<input type="checkbox"/> \$logs	1/8/2024, 12:46:19 AM	Private	Available	...
<input type="checkbox"/> destination	1/8/2024, 12:48:27 AM	Blob	Available	...
<input checked="" type="checkbox"/> source	1/8/2024, 1:31:18 AM	Private	Available	...

You can also give command azcopy copy “SAS1” “CONTAINER-URL” –recursive to copy data in particular container.

Home > Storage accounts > sa27124 | Containers > destination

destination | Properties

Container

Search

Refresh Give feedback

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

Shared access tokens

Access policy

Properties

Metadata

NAME

destination

URL

https://sa27124.blob.core.windows.net/destination

LAST MODIFIED

1/8/2024, 12:48:27 AM

ETAG


0x8DC0FB56D6B3937

Upload Change access level Refresh Delete Change tier Acquire lease Break lease View snapshots Create snapshot Give feedback

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

Search blobs by prefix (case-sensitive) Show deleted blobs

Add filter

Name	Modified	Access tier	Archive status	Blob type	Size	Lease state	
<input type="checkbox"/>  suzume-no-tojimari-5642x4252-11464.jpg	1/8/2024, 1:31:21 AM	Hot		Block blob	7.56 MiB	Available	...