Module 3: Assignment 1

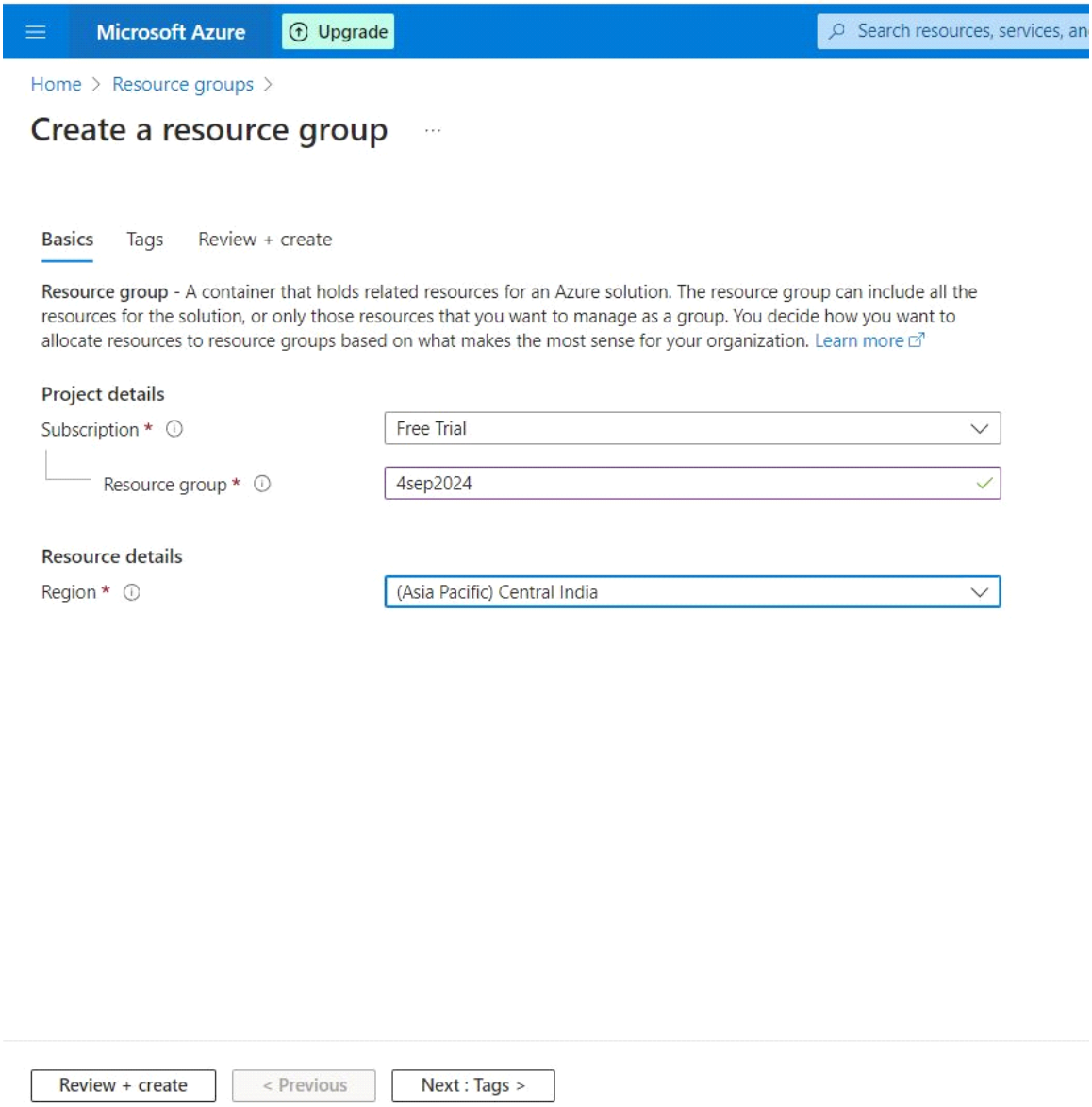
Tasks To Be Performed:

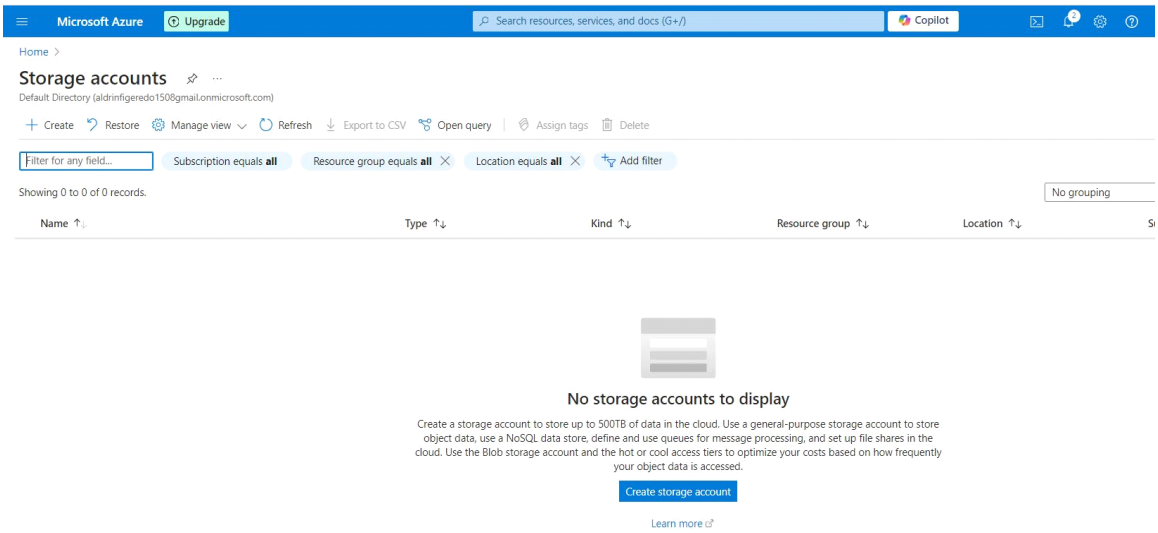
1. Create a storage account

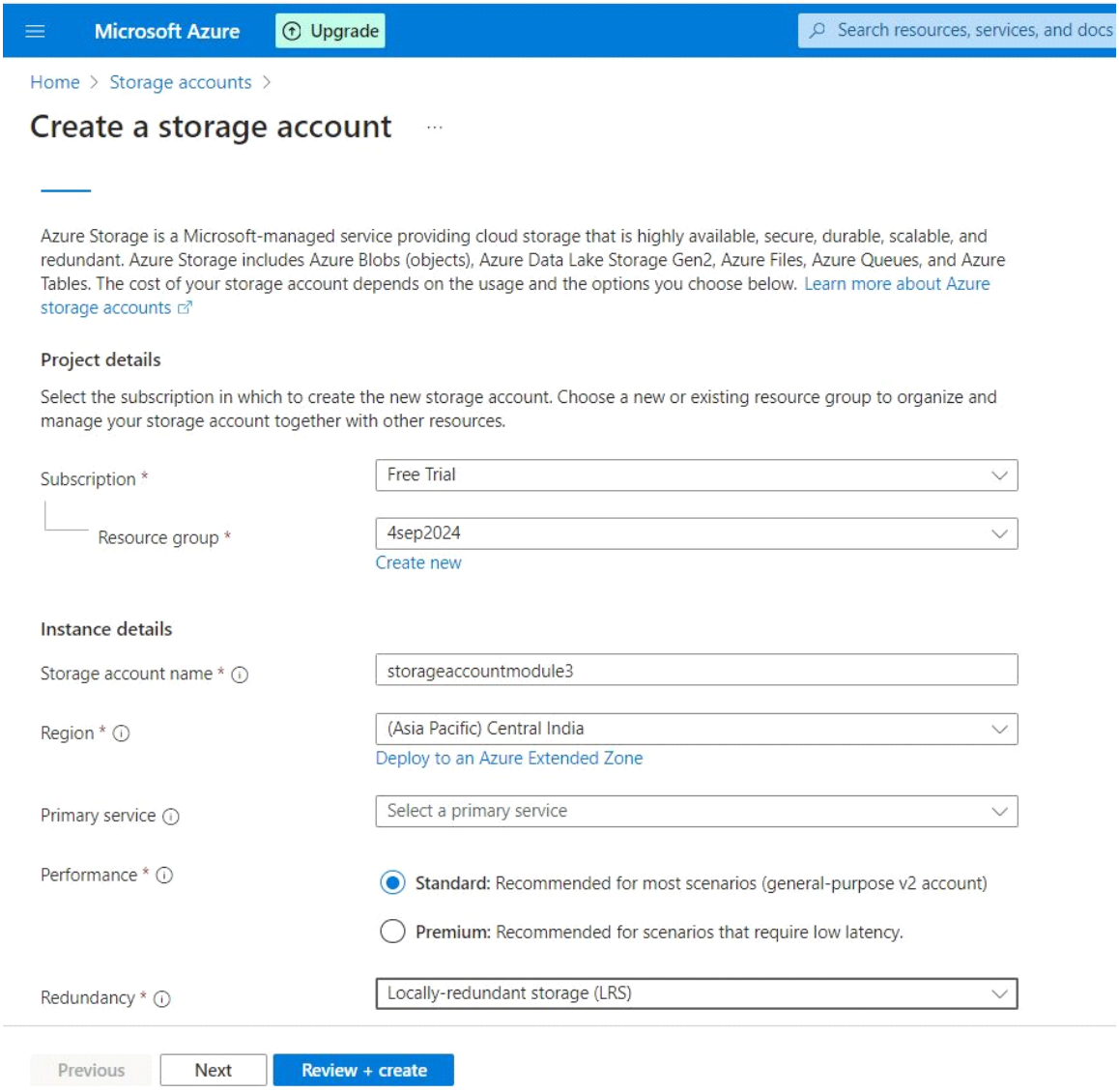
2. Connect storage explorer to this storage account

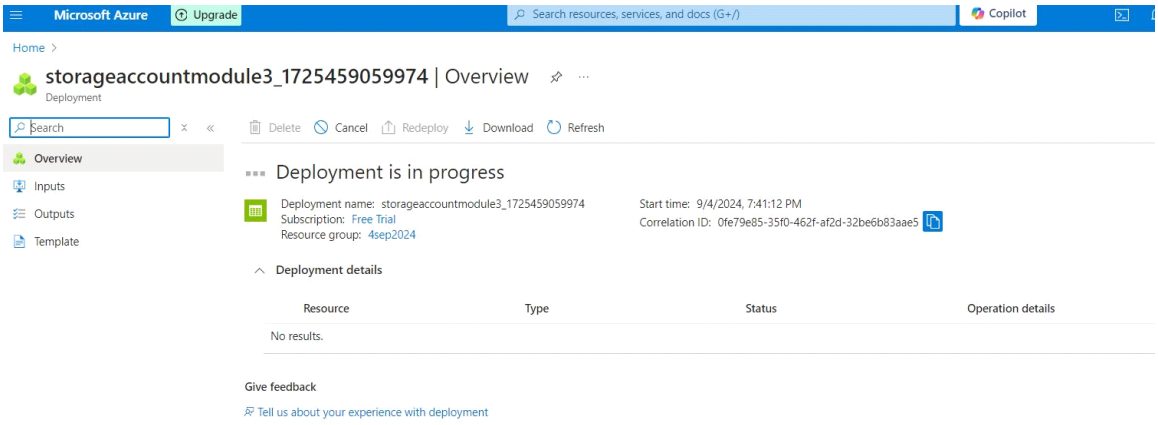
Solution:

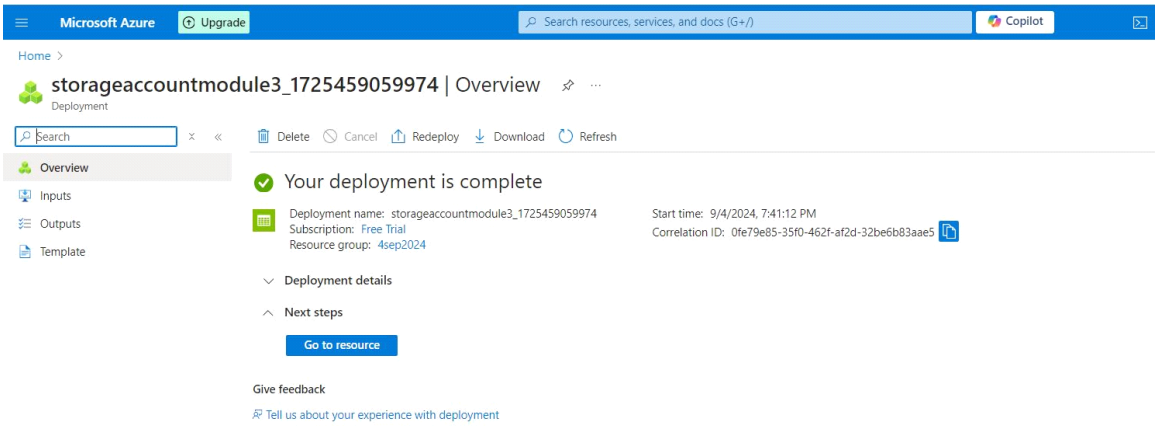
1. Create a storage account

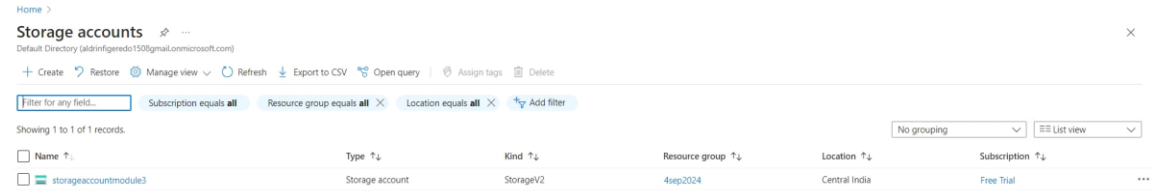

Microsoft Azure
Upgrade
Search resources, services, an
Home > Resource groups >
Create a resource group
Basics
Tags
Review + create
Resource group - A container that holds related resources for an Azure solution. The resource group can include all the resources for the solution, or only those resources 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
Project details
Subscription *
Free Trial
Resource group *
4sep2024
Resource details
Region *
(Asia Pacific) Central India
Review + create
< Previous
Next : Tags >

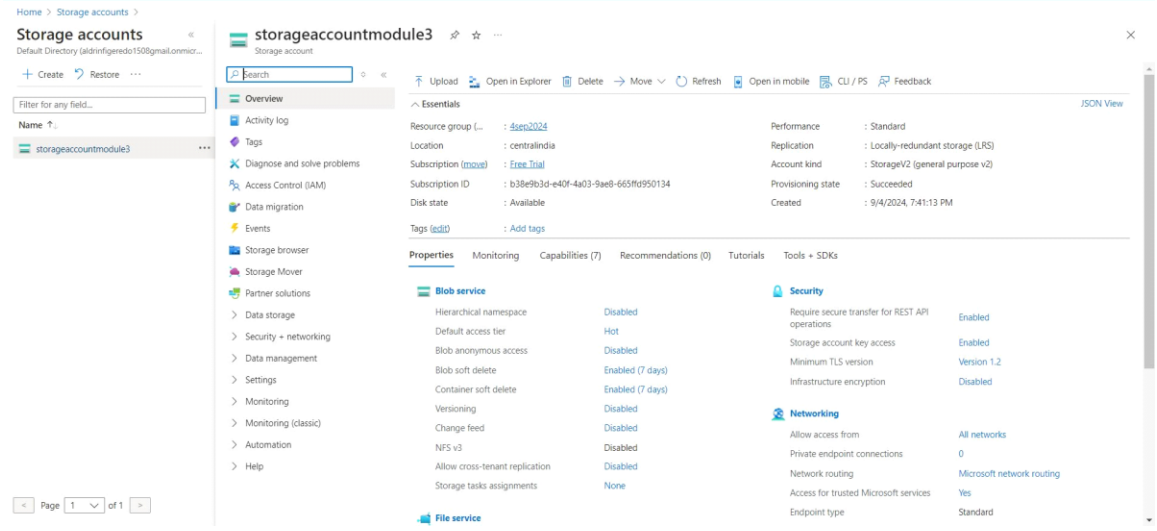

Microsoft Azure
Upgrade
Search resources, services, and docs (G+/)
Copilot
Home
Storage accounts
Default Directory (aldrinfigeredo1508gmail.onmicrosoft.com)
Create
Restore
Manage view
Refresh
Export to CSV
Open query
Assign tags
Delete
Filter for any field...
Subscription equals all
Resource group equals all
Location equals all
Add filter
Showing 0 to 0 of 0 records.
No grouping
Name
Type
Kind
Resource group
Location
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 storage account
Learn more

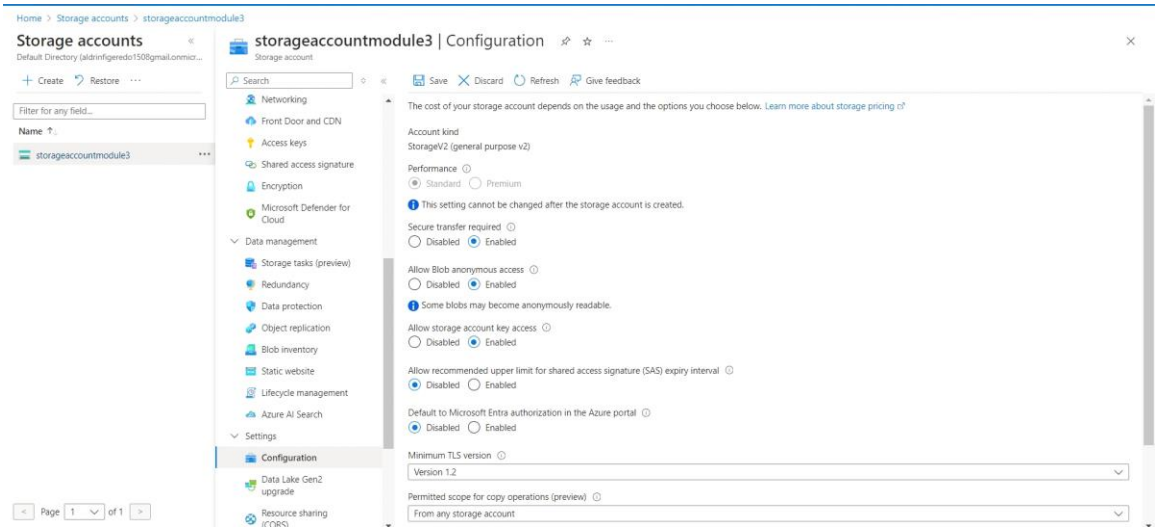

Microsoft Azure
Upgrade
Search resources, services, and docs
Home > Storage accounts >
Create a storage account
Azure Storage is a Microsoft-managed service providing cloud storage that is highly available, secure, durable, scalable, and redundant. Azure Storage includes Azure Blobs (objects), Azure Data Lake Storage Gen2, Azure Files, Azure Queues, and Azure Tables. The cost of your storage account depends on the usage and the options you choose below. Learn more about Azure storage accounts
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 *
Free Trial
Resource group *
4sep2024
Create new
Instance details
Storage account name *
storageaccountmodule3
Region *
(Asia Pacific) Central India
Deploy to an Azure Extended Zone
Primary service
Select a primary service
Performance *
Standard: Recommended for most scenarios (general-purpose v2 account)
Premium: Recommended for scenarios that require low latency.
Redundancy *
Locally-redundant storage (LRS)
Previous
Next
Review + create


Microsoft Azure
Upgrade
Search resources, services, and docs (G+/)
Copilot
Home >
storageaccountmodule3_1725459059974 | Overview
Deployment
Search
Overview
Inputs
Outputs
Template
Delete
Cancel
Redeploy
Download
Refresh
Deployment is in progress
Deployment name: storageaccountmodule3_1725459059974
Subscription: Free Trial
Resource group: 4sep2024
Start time: 9/4/2024, 7:41:12 PM
Correlation ID: 0fe79e85-35f0-462f-af2d-32be6b83aae5
Deployment details
Resource
Type
Status
Operation details
No results.
Give feedback
Tell us about your experience with deployment

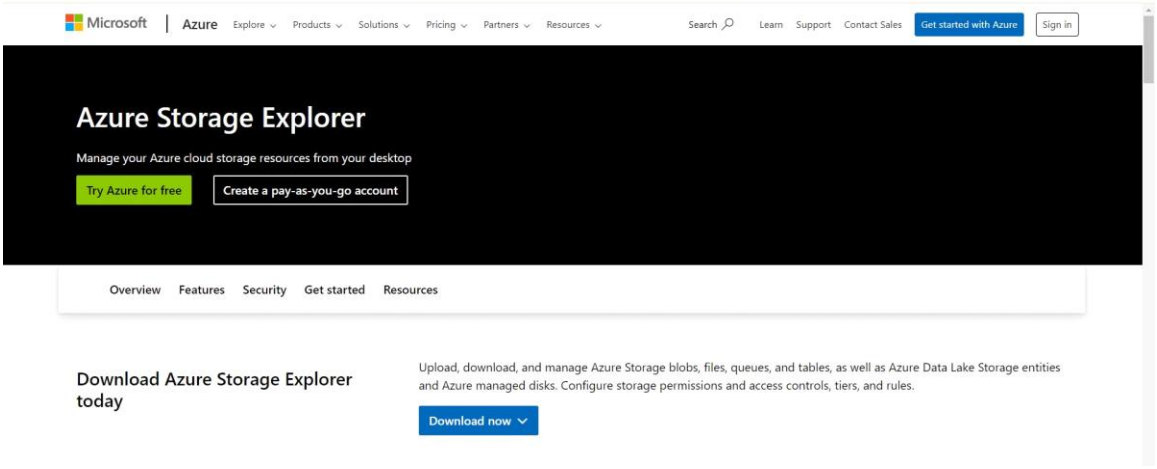

Microsoft Azure
Upgrade
Search resources, services, and docs (G+/)
Copilot
Home
storageaccountmodule3_1725459059974 | Overview
Deployment
Search
Overview
Inputs
Outputs
Template
Delete
Cancel
Redeploy
Download
Refresh
Your deployment is complete
Deployment name: storageaccountmodule3_1725459059974
Subscription: Free Trial
Resource group: 4sep2024
Start time: 9/4/2024, 7:41:12 PM
Correlation ID: 0fe79e85-35f0-462f-af2d-32be6b83aae5
Deployment details
Next steps
Go to resource
Give feedback
Tell us about your experience with deployment

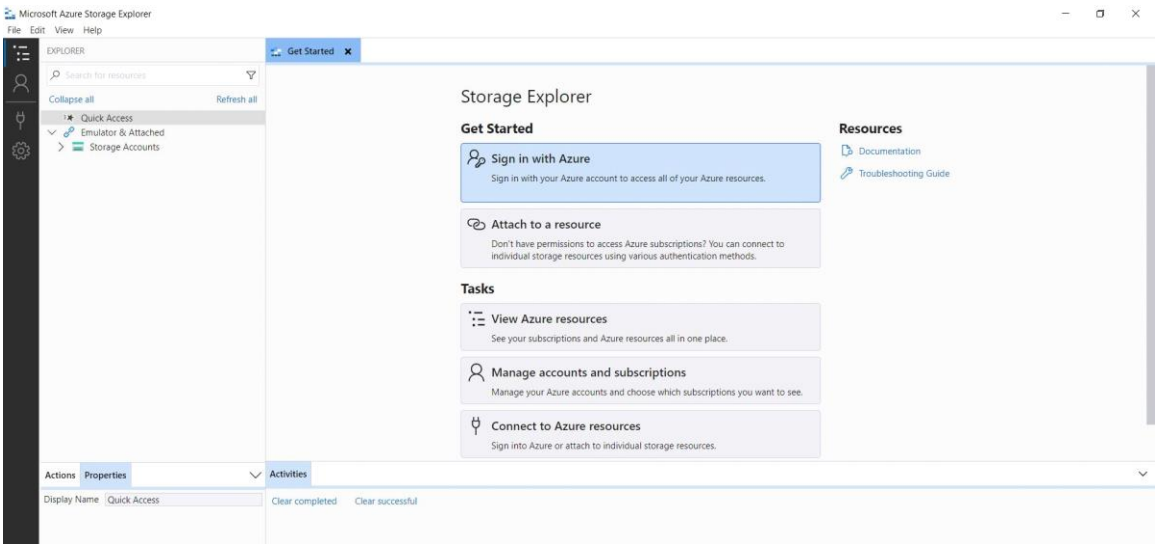

Home
Storage accounts
Default Directory (aldrinfigeredo1508gmail.onmicrosoft.com)
Create
Restore
Manage view
Refresh
Export to CSV
Open query
Assign tags
Delete
Filter for any field...
Subscription equals all
Resource group equals all
Location equals all
Add filter
Showing 1 to 1 of 1 records.
No grouping
List view
Name
Type
Kind
Resource group
Location
Subscription
storageaccountmodule3
Storage account
StorageV2
4sep2024
Central India
Free Trial

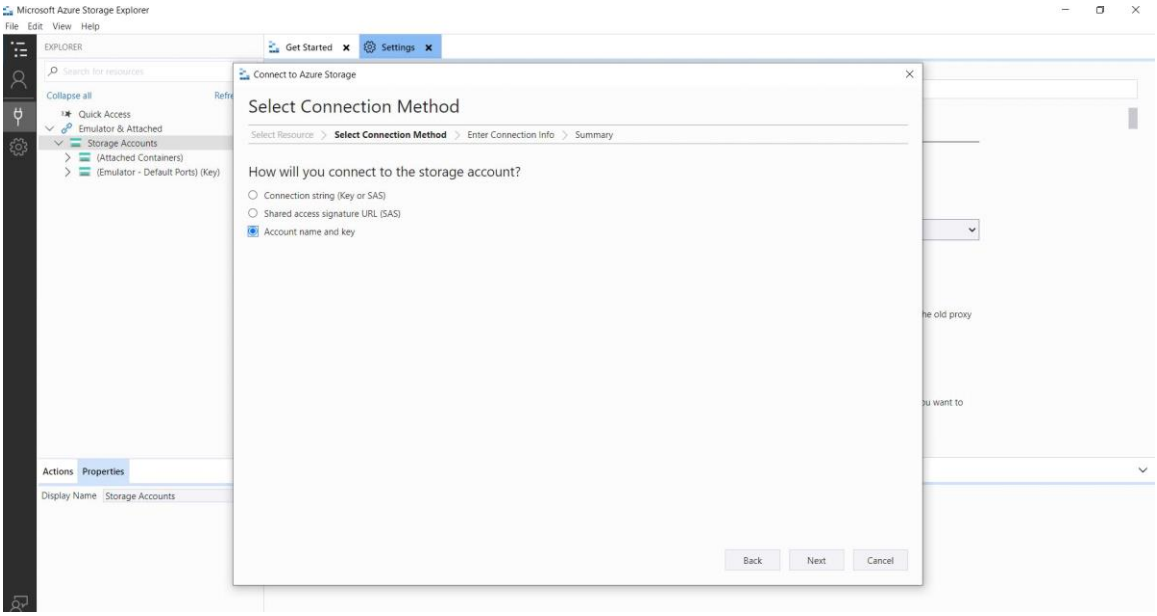

Home > Storage accounts
Storage accounts
storageaccountmodule3
Storage account
Upload
Open in Explorer
Delete
Move
Refresh
Open in mobile
CLI / PS
Feedback
Overview
Activity log
Tags
Diagnose and solve problems
Access Control (IAM)
Data migration
Events
Storage browser
Storage Mover
Partner solutions
Data storage
Security + networking
Data management
Settings
Monitoring
Monitoring (classic)
Automation
Help
Essentials
JSON View
Resource group : 4sep2024
Location : centralindia
Subscription (move) : Free Trial
Subscription ID : b38e9b3d-e40f-4a03-9ae8-665ffd950134
Disk state : Available
Performance : Standard
Replication : Locally-redundant storage (LRS)
Account kind : StorageV2 (general purpose v2)
Provisioning state : Succeeded
Created : 9/4/2024, 7:41:13 PM
Tags (edit) : Add tags
Properties
Monitoring
Capabilities (7)
Recommendations (0)
Tutorials
Tools + SDKs
Blob service
Hierarchical namespace Disabled
Default access tier Hot
Blob anonymous access Disabled
Blob soft delete Enabled (7 days)
Container soft delete Enabled (7 days)
Versioning Disabled
Change feed Disabled
NFS v3 Disabled
Allow cross-tenant replication Disabled
Storage tasks assignments None
File service
Security
Require secure transfer for REST API operations Enabled
Storage account key access Enabled
Minimum TLS version Version 1.2
Infrastructure encryption Disabled
Networking
Allow access from All networks
Private endpoint connections 0
Network routing Microsoft network routing
Access for trusted Microsoft services Yes
Endpoint type Standard

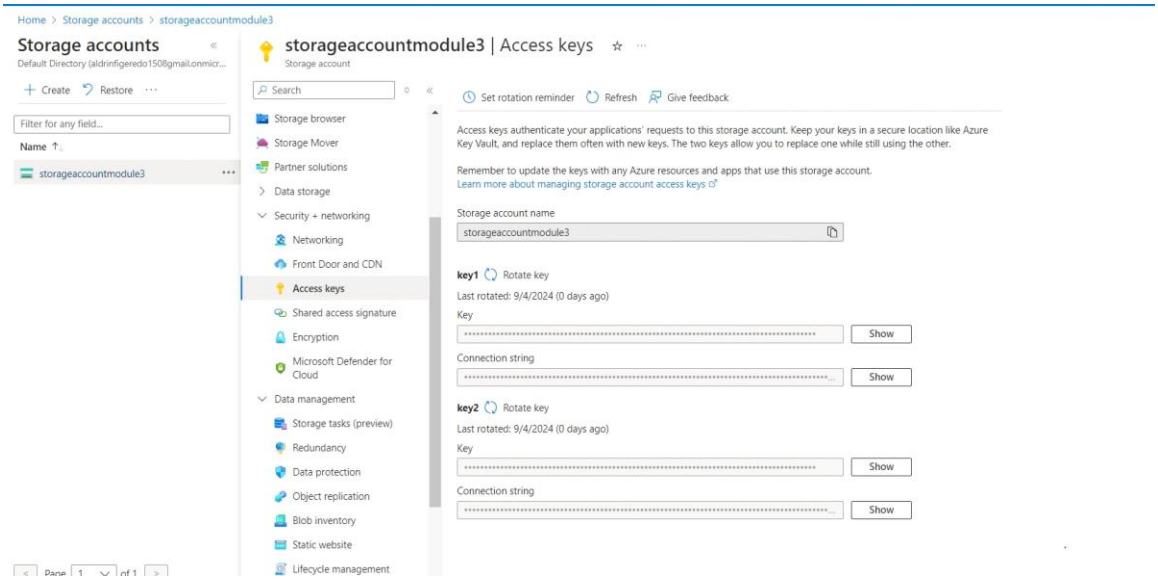


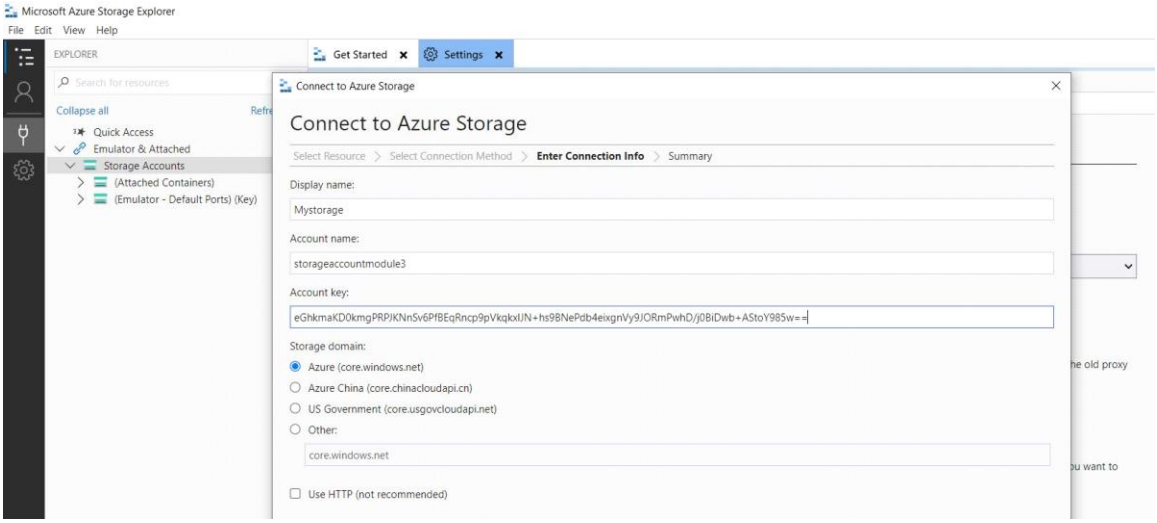
2. Connect storage explorer to this storage account

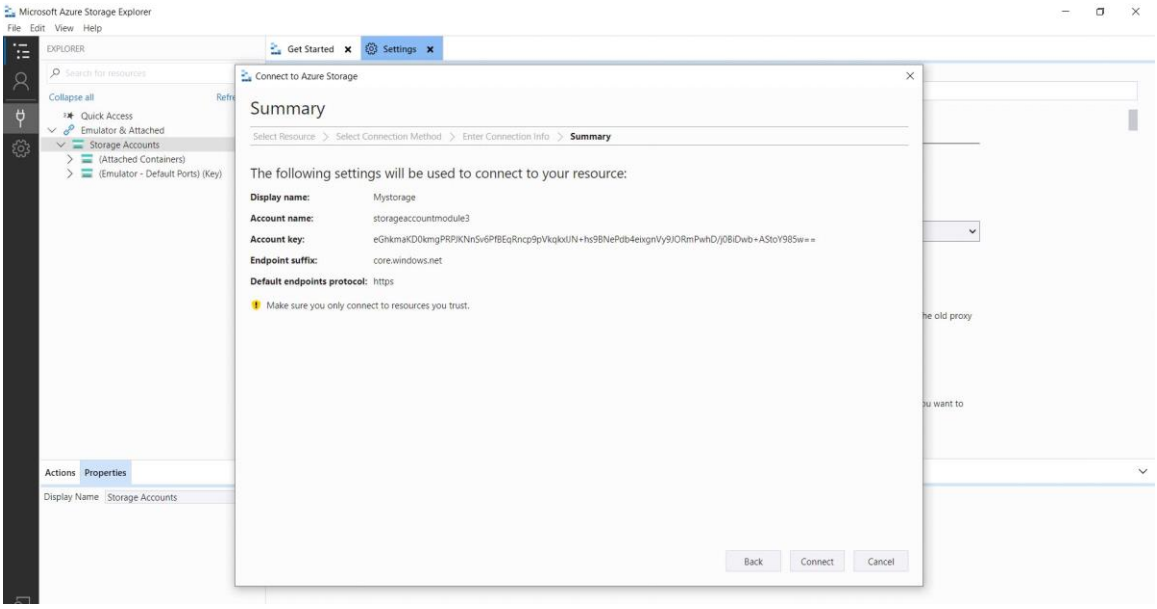

Microsoft | Azure
Explore
Products
Solutions
Pricing
Partners
Resources
Search
Learn
Support
Contact Sales
Get started with Azure
Sign in
Azure Storage Explorer
Manage your Azure cloud storage resources from your desktop
Try Azure for free
Create a pay-as-you-go account
Overview
Features
Security
Get started
Resources
Download Azure Storage Explorer today
Upload, download, and manage Azure Storage blobs, files, queues, and tables, as well as Azure Data Lake Storage entities and Azure managed disks. Configure storage permissions and access controls, tiers, and rules.
Download now

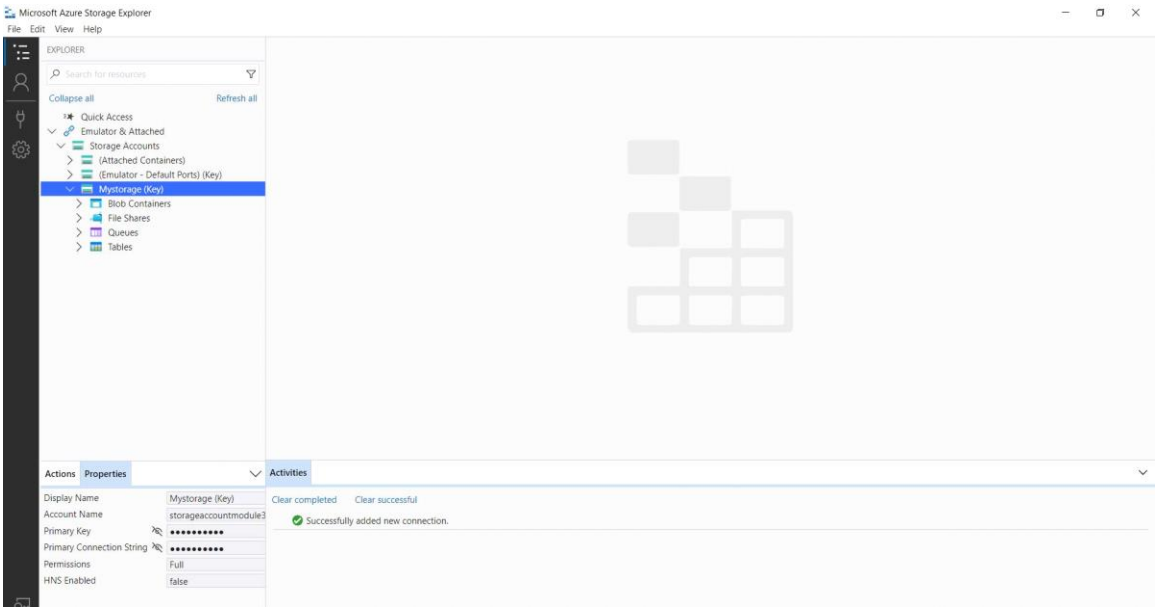

Microsoft Azure Storage Explorer
File Edit View Help
EXPLORER
Search for resources
Collapse all
Refresh all
Quick Access
Emulator & Attached
Storage Accounts
Get Started
Storage Explorer
Get Started
Sign in with Azure
Sign in with your Azure account to access all of your Azure resources.
Attach to a 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
Display Name
Quick Access
Activities
Clear completed
Clear successful

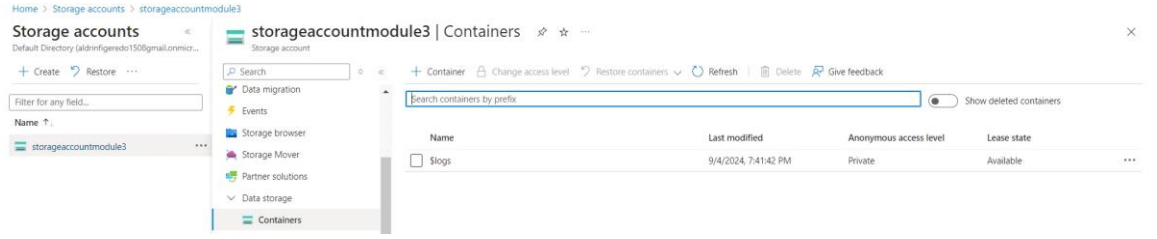

Microsoft Azure Storage Explorer
File Edit View Help
EXPLORER
Get Started
Settings
Collapse all
Quick Access
Emulator & Attached
Storage Accounts
(Attached Containers)
(Emulator - Default Ports) (Key)
Actions
Properties
Display Name
Storage Accounts
Connect to Azure Storage
Select Connection Method
Select Resource
Select Connection Method
Enter Connection Info
Summary
How will you connect to the storage account?
Connection string (Key or SAS)
Shared access signature URL (SAS)
Account name and key
Back
Next
Cancel

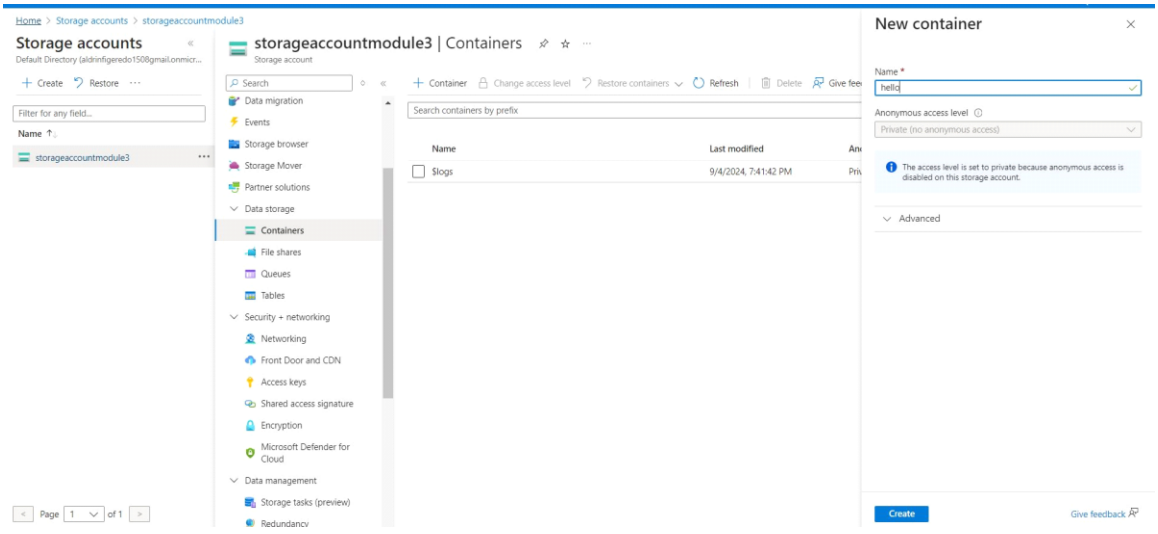

Home > Storage accounts > storageaccountmodule3
Storage accounts
Default Directory (aldrinfigeredo1508gmail.onmicr...
Create
Restore
Filter for any field...
Name
storageaccountmodule3
storageaccountmodule3 | Access keys
Storage account
Search
Storage browser
Storage Mover
Partner solutions
Data storage
Security + networking
Networking
Front Door and CDN
Access keys
Shared access signature
Encryption
Microsoft Defender for Cloud
Data management
Storage tasks (preview)
Redundancy
Data protection
Object replication
Blob inventory
Static website
Lifecycle management
Set rotation reminder
Refresh
Give feedback
Access keys authenticate your applications' requests to this storage account. Keep your keys in a secure location like Azure Key Vault, and replace them often with new keys. The two keys allow you to replace one while still using the other.
Remember to update the keys with any Azure resources and apps that use this storage account.
Learn more about managing storage account access keys
Storage account name
storageaccountmodule3
key1
Rotate key
Last rotated: 9/4/2024 (0 days ago)
Key
Show
Connection string
Show
key2
Rotate key
Last rotated: 9/4/2024 (0 days ago)
Key
Show
Connection string
Show

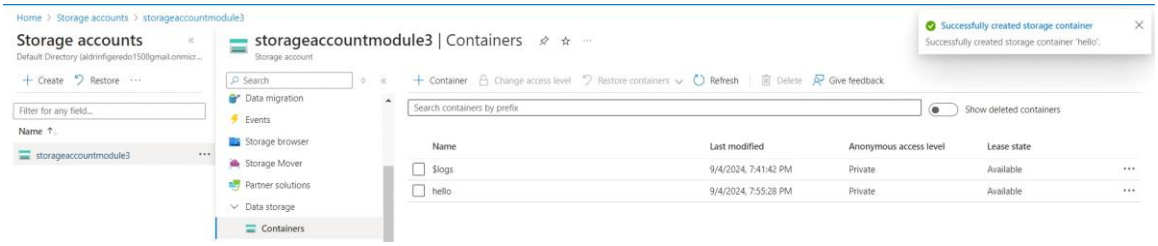

Microsoft Azure Storage Explorer
File Edit View Help
EXPLORER
Get Started
Settings
Search for resources
Collapse all
Quick Access
Emulator & Attached
Storage Accounts
(Attached Containers)
(Emulator - Default Ports) (Key)
Connect to Azure Storage
Connect to Azure Storage
Select Resource > Select Connection Method > Enter Connection Info > Summary
Display name:
Mystorage
Account name:
storageaccountmodule3
Account key:
eGhkmaKD0kmgPRPJKNnSv6PfBEqRncp9pVkqkxIJN+hs9BNePdb4eixgnVy9JORmPwhD/j0BiDwb+AStoY985w==
Storage domain:
Azure (core.windows.net)
Azure China (core.chinacloudapi.cn)
US Government (core.usgovcloudapi.net)
Other:
core.windows.net
Use HTTP (not recommended)

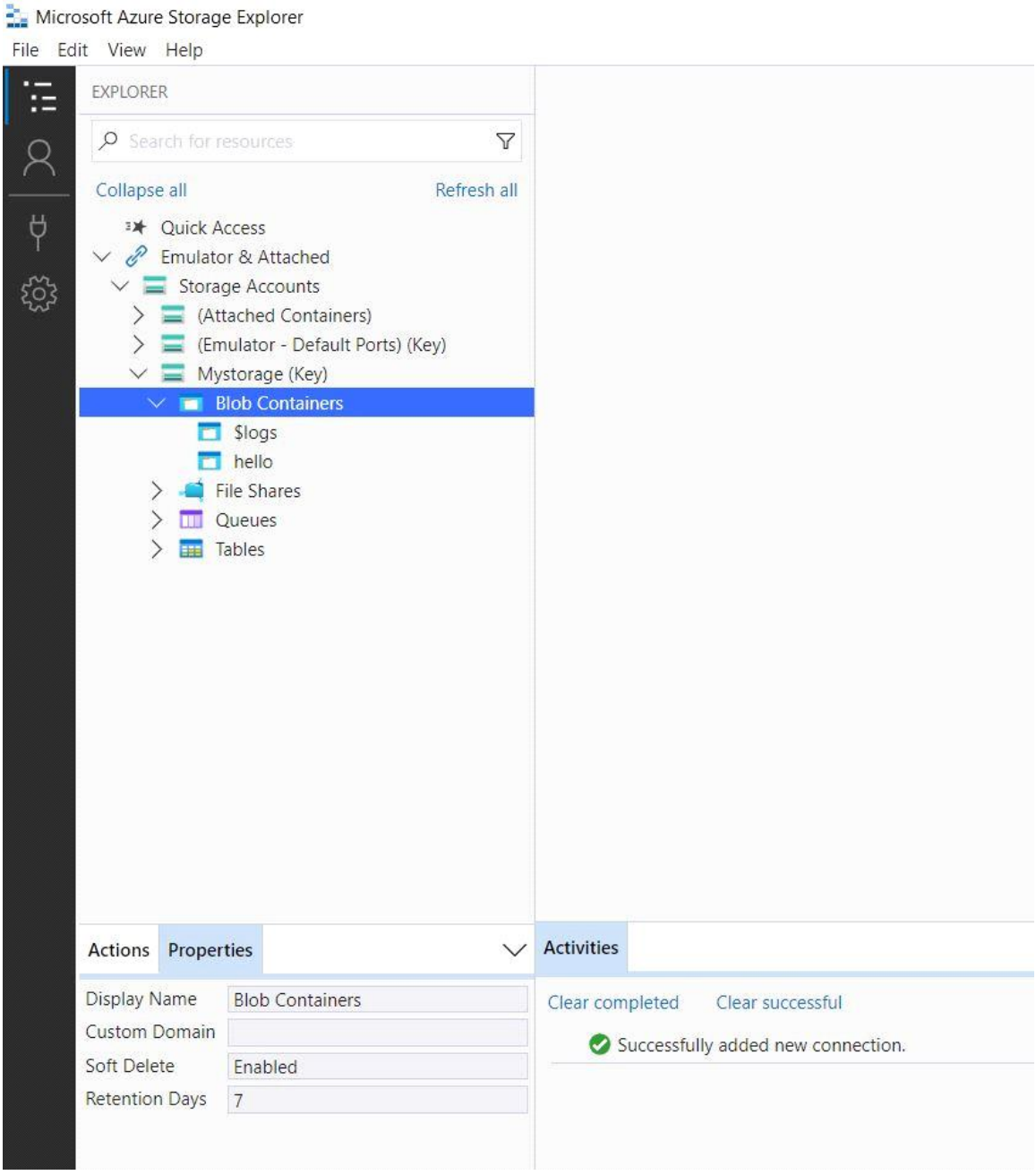

Microsoft Azure Storage Explorer
File Edit View Help
EXPLORER
Get Started
Settings
Collapse all
Quick Access
Emulator & Attached
Storage Accounts
(Attached Containers)
(Emulator - Default Ports) (Key)
Connect to Azure Storage
Summary
Select Resource > Select Connection Method > Enter Connection Info > Summary
The following settings will be used to connect to your resource:
Display name: Mystorage
Account name: storageaccountmodule3
Account key: eGhkmaKD0kmgPRPJKNnSv6PfBEqRncp9pVkqkxIJN+hs9BNePdb4eixgnVy9JORmPwhD/j0BiDwb+AStoY985w==
Endpoint suffix: core.windows.net
Default endpoints protocol: https
Make sure you only connect to resources you trust.
Back
Connect
Cancel
Actions
Properties
Display Name
Storage Accounts

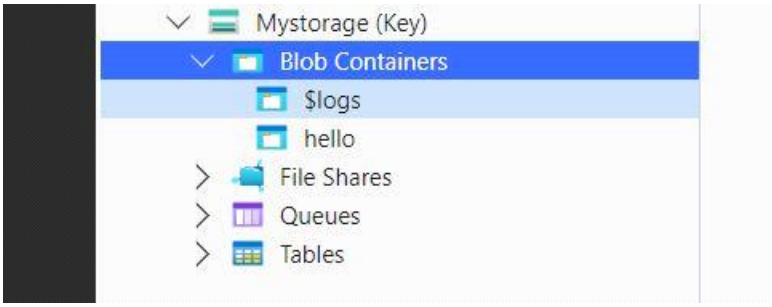

Microsoft Azure Storage Explorer
File Edit View Help
EXPLORER
Search for resources
Collapse all
Refresh all
Quick Access
Emulator & Attached
Storage Accounts
(Attached Containers)
(Emulator - Default Ports) (Key)
Mystorage (Key)
Blob Containers
File Shares
Queues
Tables
Actions
Properties
Display Name
Mystorage (Key)
Account Name
storageaccountmodule3
Primary Key
Primary Connection String
Permissions
Full
HNS Enabled
false
Activities
Clear completed
Clear successful
Successfully added new connection.

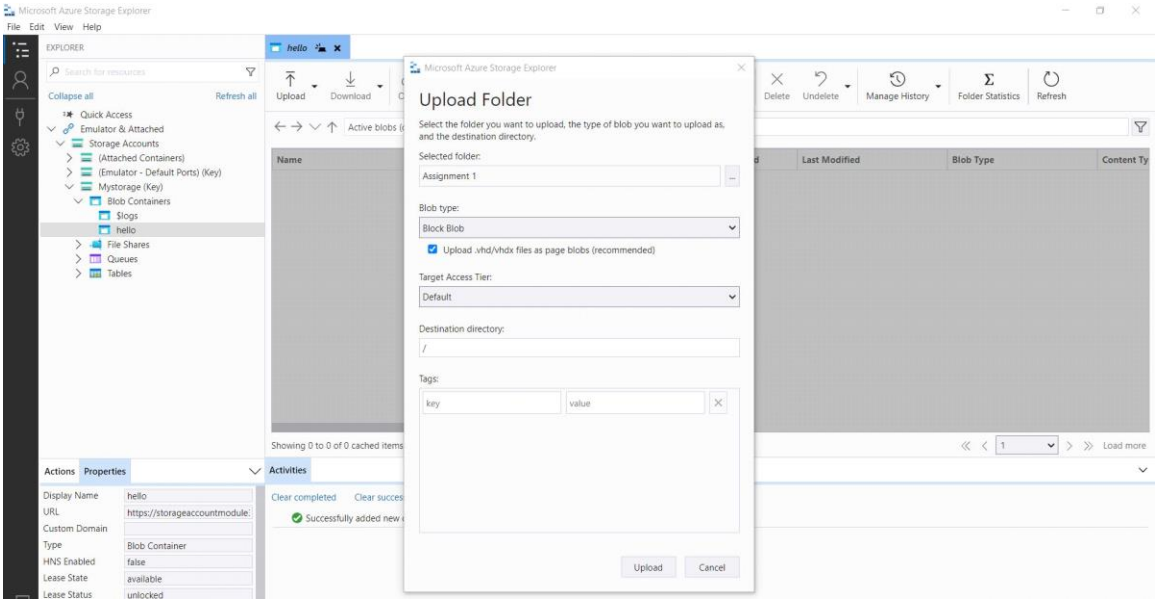

Home > Storage accounts > storageaccountmodule3
Storage accounts
Default Directory (aldrinfigeredo1508gmail.onmicr...
Create
Restore
Filter for any field...
Name
storageaccountmodule3
storageaccountmodule3 | Containers
Storage account
Search
Data migration
Events
Storage browser
Storage Mover
Partner solutions
Data storage
Containers
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
$logs
9/4/2024, 7:41:42 PM
Private
Available

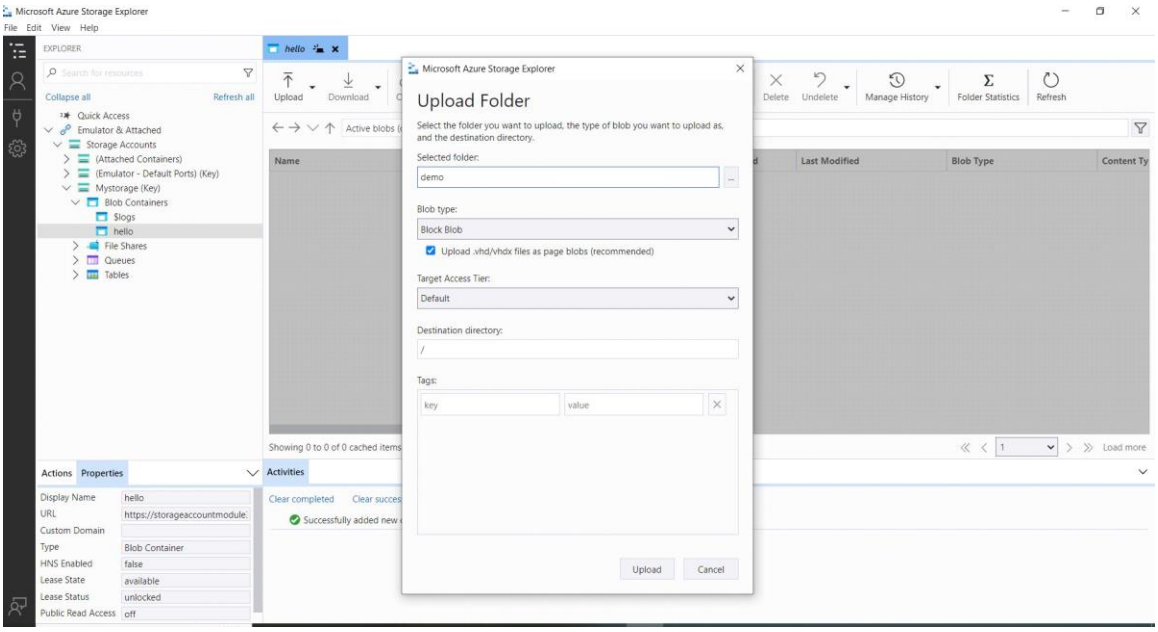

Home > Storage accounts > storageaccountmodule3
Storage accounts
Default Directory (aldrinfigeredo1508gmail.onmicr...
Create
Restore
Filter for any field...
Name
storageaccountmodule3
Page 1 of 1
storageaccountmodule3 | Containers
Storage account
Search
Data migration
Events
Storage browser
Storage Mover
Partner solutions
Data storage
Containers
File shares
Queues
Tables
Security + networking
Networking
Front Door and CDN
Access keys
Shared access signature
Encryption
Microsoft Defender for Cloud
Data management
Storage tasks (preview)
Redundancy
Container
Change access level
Restore containers
Refresh
Delete
Search containers by prefix
Name
Last modified
$logs
9/4/2024, 7:41:42 PM
New container
Name *
hello
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


Home > Storage accounts > storageaccountmodule3
Storage accounts
Create
Restore
Filter for any field...
Name
storageaccountmodule3
storageaccountmodule3 | Containers
Storage account
Search
Data migration
Events
Storage browser
Storage Mover
Partner solutions
Data storage
Containers
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
$logs
9/4/2024, 7:41:42 PM
Private
Available
hello
9/4/2024, 7:55:28 PM
Private
Available
Successfully created storage container
Successfully created storage container 'hello'.


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)
Mystorage (Key)
Blob Containers
$logs
hello
File Shares
Queues
Tables
Actions
Properties
Display Name
Blob Containers
Custom Domain
Soft Delete
Enabled
Retention Days
7
Activities
Clear completed
Clear successful
Successfully added new connection.


Mystorage (Key)
Blob Containers
$logs
hello
File Shares
Queues
Tables


Microsoft Azure Storage Explorer
File Edit View Help
Upload Folder
Select the folder you want to upload, the type of blob you want to upload as, and the destination directory.
Selected folder:
Assignment 1
Blob type:
Block Blob
Upload .vhd/vhdx files as page blobs (recommended)
Target Access Tier:
Default
Destination directory:
/
Tags:
key
value
Upload
Cancel


Microsoft Azure Storage Explorer
File Edit View Help
Upload Folder
Select the folder you want to upload, the type of blob you want to upload as, and the destination directory.
Selected folder:
demo
Blob type:
Block Blob
Upload .vhd/vhdx files as page blobs (recommended)
Target Access Tier:
Default
Destination directory:
/
Tags:
key
value
Upload
Cancel

imp for aws.txt - Notepad

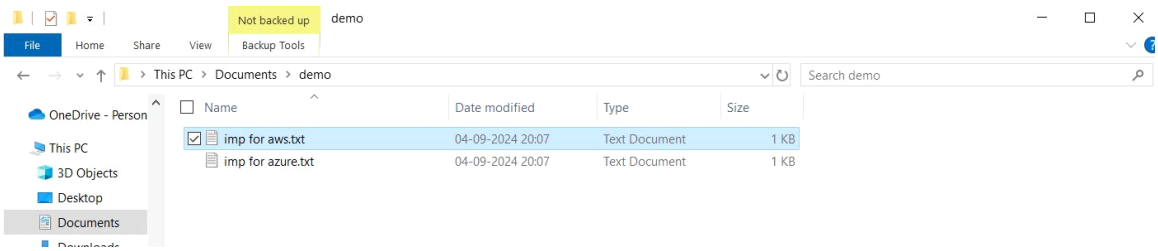
File Edit Format View Help

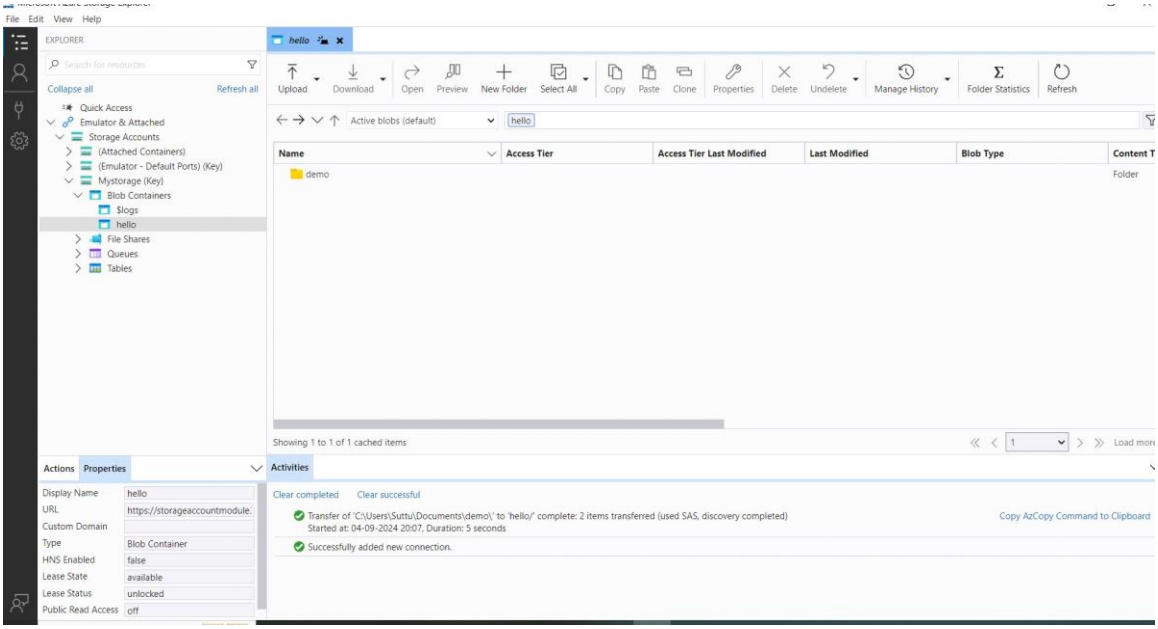
hey from aws

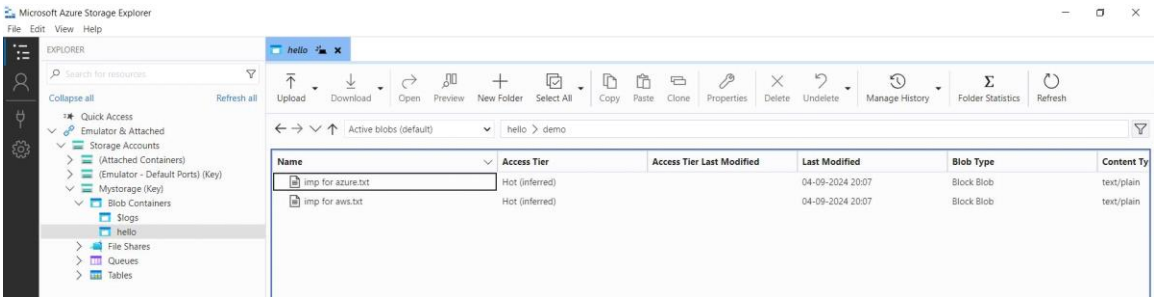
*imp for azure.txt - Notepad

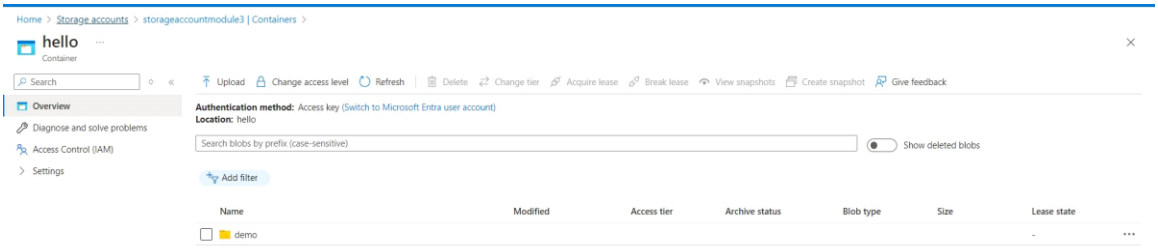
File Edit Format View Help

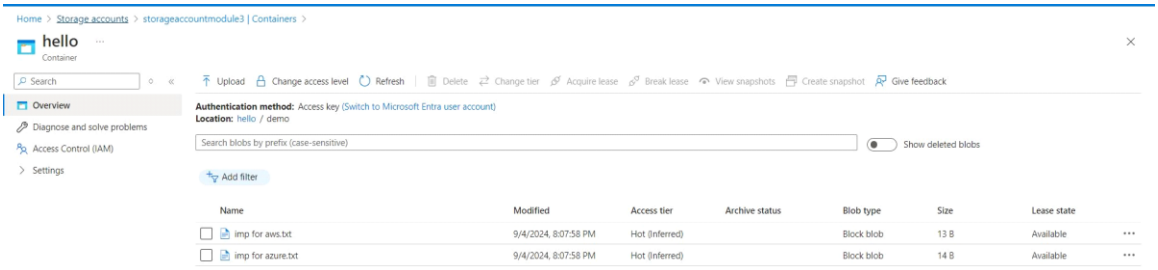
hey from azure




File Edit View Help
EXPLORER
hello
Upload
Download
Open
Preview
New Folder
Select All
Copy
Paste
Clone
Properties
Delete
Undelete
Manage History
Folder Statistics
Refresh
Collapse all
Refresh all
Quick Access
Emulator & Attached
Storage Accounts
(Attached Containers)
(Emulator - Default Ports) (Key)
Mystorage (Key)
Blob Containers
$logs
hello
File Shares
Queues
Tables
Active blobs (default)
Name
Access Tier
Access Tier Last Modified
Last Modified
Blob Type
demo
Folder
Showing 1 to 1 of 1 cached items
Actions
Properties
Activities
Display Name
URL
Custom Domain
Type
HNS Enabled
Lease State
Lease Status
Public Read Access
Clear completed
Clear successful
Transfer of 'C:\Users\Suttu\Documents\demo\' to 'hello/' complete: 2 items transferred (used SAS, discovery completed)
Started at: 04-09-2024 20:07, Duration: 5 seconds
Copy AzCopy Command to Clipboard
Successfully added new connection.


Microsoft Azure Storage Explorer
File Edit View Help
EXPLORER
hello
Upload
Download
Open
Preview
New Folder
Select All
Copy
Paste
Clone
Properties
Delete
Undelete
Manage History
Folder Statistics
Refresh
Collapse all
Refresh all
Quick Access
Emulator & Attached
Storage Accounts
(Attached Containers)
(Emulator - Default Ports) (Key)
Mystorage (Key)
Blob Containers
$logs
hello
File Shares
Queues
Tables
Active blobs (default)
hello > demo
Name
Access Tier
Access Tier Last Modified
Last Modified
Blob Type
imp for azure.txt
Hot (inferred)
04-09-2024 20:07
Block Blob
text/plain
imp for aws.txt
Hot (inferred)
04-09-2024 20:07
Block Blob
text/plain


Home > Storage accounts > storageaccountmodule3 | Containers >
hello
Container
Search
Overview
Diagnose and solve problems
Access Control (IAM)
Settings
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: hello
Search blobs by prefix (case-sensitive)
Show deleted blobs
Add filter
Name
Modified
Access tier
Archive status
Blob type
Size
Lease state
demo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Search blobs by prefix (case-sensitive)
Show deleted blobs
Add filter
Name
Modified
Access tier
Archive status
Blob type
Size
Lease state
imp for aws.txt
9/4/2024, 8:07:58 PM
Hot (Inferred)
Block blob
13 B
Available
imp for azure.txt
9/4/2024, 8:07:58 PM
Hot (Inferred)
Block blob
14 B
Available