

EXPERIMENT 15

The screenshot shows the 'Storage accounts' page in the Microsoft Azure portal. The page title is 'Storage accounts' and it shows the default directory 'podapatisrichandana0401sses.onmicrosoft.com'. The page includes a search bar, a filter bar with 'Subscription equals all', 'Resource group equals all', and 'Location equals all', and a table with columns: Name, Type, Kind, Resource group, Location, and Subscription. The table is empty, and a message states 'No storage accounts to display'. Below the message, it says '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.' The page also has a 'Give feedback' link.

The screenshot shows the 'Create a storage account' page in the Microsoft Azure portal. The page title is 'Create a storage account' and it shows the default directory 'podapatisrichandana0401sses.onmicrosoft.com'. The page has tabs for 'Basics', 'Advanced', 'Networking', 'Data protection', 'Encryption', 'Tags', and 'Review'. The 'Basics' tab is selected, showing the following fields: 'Resource group' (set to 'ARTHI'), 'Storage account name' (set to 'ygvihbtl'), and 'Region' (set to '(US) East US'). There are also links for 'Create new' and 'Deploy to an edge zone'. The page has a 'Review' button and a 'Next: Advanced >' button. There is also a 'Give feedback' link.

Create a storage account - Microsoft Azure

portal.azure.com/#create/Microsoft.StorageAccount-ARM

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

Home > Storage accounts >

Create a storage account

Basics **Advanced** Networking Data protection Encryption Tags Review

Security

Configure security settings that impact your storage account.

Require secure transfer for REST API operations ☒

Allow enabling anonymous access on individual containers ☐

[Review](#) [< Previous](#) [Next : Networking >](#) [Give feedback](#)

33° Search 13:41 19-10-2023

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Home > Storage accounts >

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Basics Advanced **Networking** Data protection Encryption Tags Review

Network connectivity

You can connect to your storage account either publicly, via public IP addresses or service endpoints, or privately, using a private endpoint.

Network access *

☒ Enable public access from all networks

☐ Enable public access from selected virtual networks and IP addresses

☐ Disable public access and use private access

i Enabling public access from all networks might make this resource available publicly. Unless public access is required, we recommend using a more restricted access type. [Learn more](#)

[Review](#) [< Previous](#) [Next : Data protection >](#) [Give feedback](#)

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Basics Advanced Networking **Data protection** Encryption Tags Review

Recovery

Protect your data from accidental or erroneous deletion or modification.

☐ Enable point-in-time restore for containers
Use point-in-time restore to restore one or more containers to an earlier state. If point-in-time restore is enabled, then versioning, change feed, and blob soft delete must also be enabled. [Learn more](#)

☒ Enable soft delete for blobs
Soft delete enables you to recover blobs that were previously marked for deletion, including blobs that were overwritten. [Learn more](#)

Days to retain deleted blobs ⓘ

☒ Enable soft delete for containers

[Review](#) [< Previous](#) [Next: Encryption >](#) [Give feedback](#)

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Create a storage account - Microsoft Azure

portal.azure.com/#create/Microsoft.StorageAccount-ARM

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Create a storage account

Basics Advanced Networking Data protection **Encryption** Tags Review

Encryption type * ⓘ ☒ Microsoft-managed keys (MMK) ☐ Customer-managed keys (CMK)

Enable support for customer-managed keys ⓘ ☒ Blobs and files only ☐ All service types (blobs, files, tables, and queues)

⚠ This option cannot be changed after this storage account is created.

Enable infrastructure encryption ⓘ ☐

[Review](#) [< Previous](#) [Next: Tags >](#) [Give feedback](#)

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Create a storage account - Mic

portal.azure.com/#create/Microsoft.StorageAccount-ARM

Microsoft Azure

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podapatisrichandana04...
DEFAULT DIRECTORY (PODAPATI...

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Create a storage account

BasicsAdvancedNetworkingData protectionEncryptionTagsReview

Tags are name/value pairs that enable you to categorize resources and view consolidated billing by applying the same tag to multiple resources and resource groups. [Learn more about tags](#)

Note that if you create tags and then change resource settings on other tabs, your tags will be automatically updated.

Name	Value	Resource
bgihfj	2	All resources selected
hbkugkjh	5	All resources selected
		All resources selected

Review

< PreviousNext : Review >

Give feedback

Create a storage account - Mic

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Microsoft Azure

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Basics

Subscription	Azure for Students
Resource Group	ARTHI
Location	eastus
Storage account name	vgvjhbk
Deployment model	Resource manager
Performance	Standard
Replication	Read-access geo-redundant storage (RA-GRS)

Advanced

Create

Start

< PreviousNext >

Download a template for automation

Give feedback

vgvjhbk_1697703214995 - Microsoft Azure

portal.azure.com/#view/HubsExtension/DeploymentDetailsBlade/~/overview/id/%2Fsubscriptions%2Fd0ce5a4a-2353-469a-b99f-b5d689a03097...

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

podapatisrichandana04... DEFAULT DIRECTORY (PODAPATI...)

Home > vgvjhbk_1697703214995 | Overview

Deployment

Search

Delete Cancel Redeploy Download Refresh

Deployment succeeded

Deployment 'vgvjhbk_1697703214995' to resource group 'ARTHI' was successful.

Go to resource Pin to dashboard

Your deployment is complete

Deployment name: vgvjhbk_169770321... Start time: 10/19/2023, 2:01:36 PM
Subscription: Azure for Students Correlation ID: 00da7ecf-5ba1-4c4b-94ad-05a9d9fb5f4c
Resource group: ARTHI

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

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Microsoft Store

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vgvjhbk - Microsoft Azure

portal.azure.com/#@podapatisrichandana0401sses.onmicrosoft.com/resource/subscriptions/d0ce5a4a-2353-469a-b99f-b5d689a03097/resourc...

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podapatisrichandana04... DEFAULT DIRECTORY (PODAPATI...)

Home > vgvjhbk_1697703214995 | Overview

vgvjhbk

Storage account

Search

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

Data storage

Containers

File shares

Queues

Essentials

Resource group (move)

ARTHI

Location

East US

Primary/Secondary Location

Primary: East US, Secondary: West US

Subscription (move)

Azure for Students

Subscription ID

d0ce5a4a-2353-469a-b99f-b5d689a03097

Disk state

Primary: Available, Secondary: Available

Tags (edit)

bgihfj : 2 hbkugkj : 5

Performance

Standard

Replication

Read-access geo-redundant storage (RA-GRS)

Account kind

StorageV2 (general purpose v2)

Provisioning state

Succeeded

Created

10/19/2023, 2:01:44 PM

JSON View

33° Search

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Upload blob - Microsoft Azure

portal.azure.com/#@podapatisrichandana0401sses.onmicrosoft.com/resource/subscriptions/d0ce5a4a-2353-469a-b99f-b5d689a03097/resour...

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Open in Explorer

Delete

Move

Essentials

Resource group (move)

ARTHI

Location

East US

Primary/Secondary Location

Primary: East US, Secondary: West US

Subscription (move)

Azure for Students

Subscription ID

d0ce5a4a-2353-469a-b99f-b5d689a03097

Disk state

Primary: Available, Secondary: Available

Tags (edit)

bgihfj : 2

hbkugkj : 5

Upload blob

Successfully created storage container

Successfully created storage container 'huhfckd'.

1 file(s) selected: EXPERIMENT 04.pdf

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

Select an existing container

huhfckd

Create new

☐ Overwrite if files already exist

Advanced

Upload

Give feedback

vgvjhb - Microsoft Azure

portal.azure.com/#@podapatisrichandana0401sses.onmicrosoft.com/resource/subscriptions/d0ce5a4a-2353-469a-b99f-b5d689a03097/resour...

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Privacy settings

Feedback

Storage account metrics

The data provided is regularly updated about 2-4 times a day and published hourly. If your account has extremely large objects, it may be over a day between updates.

Blob containers

Number of containers -

Number of blobs -

Total data stored -

File shares

Number of file shares -

Number of files -

Total data stored -

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portal.azure.com/#@podapatisrichandana0401sses.onmicrosoft.com/resource/subscriptions/d0ce5a4a-2353-469a-b99f-b5d689a03097/resourc...

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Home > vgvjhbk_1697703214995 | Overview > vgvjhbk

vgvjhbk | Storage browser

Storage account

Search

- Overview
- Activity log
- Tags
- Diagnose and solve problems
- Access Control (IAM)
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- Events
- Storage browser
- Storage Mover

Data storage

- Containers
- File shares
- Queues

vgvjhbk

- Favorites
- Recently viewed
- Blob containers
 - \$logs
 - huhfckd
- View all
- File shares
- Queues
- Tables

+ Add Directory | Upload | Change access level | Refresh | Delete | Copy

Blob containers > huhfckd

Authentication method: Access key (Switch to Azure AD User Account)

Add filter

Search blobs by prefix (case-sensitive)

Only show active blobs

Showing all 1 items

<input type="checkbox"/>	Name	Last modified	Access tier	Blob type	Size
<input type="checkbox"/>	EXPERIMEN...	10/19/2023, 2:05:02 PM	Hot (Inferred)	Block blob	980