

exp-18

Microsoft Azure

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Create a storage account

BasicsAdvancedNetworkingData protectionEncryptionTagsReview

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 \*

Azure for Students

Resource group \*

cloud\_computing

Create new

Instance details

Storage account name \*

exp18

Region \*

(Asia Pacific) South India

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ⓘ Certain options have been disabled by default due to the combination of storage account performance, redundancy, and region.

Security

Configure security settings that impact your storage account.

Require secure transfer for REST API operations ⓘ

☒

Allow enabling anonymous access on individual containers ⓘ

☐

Enable storage account key access ⓘ

☒

Default to Microsoft Entra authorization in the Azure portal ⓘ

☐

Minimum TLS version ⓘ

Version 1.2

Permitted scope for copy operations (preview) ⓘ

From any storage account

Hierarchical Namespace

Hierarchical namespace, complemented by Data Lake Storage Gen2 endpoint, enables file and directory semantics, accelerates big data analytics workloads, and enables access control lists (ACLs). [Learn more](#)

Enable Hierarchical namespace

☒

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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

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](#)

Network routing

Determine how to route your traffic as it travels from the source to its Azure endpoint. Microsoft network routing is recommended for most customers.

Routing preference ⓘ \*

☒ Microsoft network routing

☐ Internet routing

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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 and directories that were previously marked for deletion. [Learn more](#)

Days to retain deleted blobs ⓘ

☒ Enable soft delete for containers

Soft delete enables you to recover containers that were previously marked for deletion. [Learn more](#)

Days to retain deleted containers ⓘ

☒ Enable soft delete for file shares

Soft delete enables you to recover file shares that were previously marked for deletion. [Learn more](#)

Days to retain deleted file shares ⓘ

Tracking

Manage versions and keep track of changes made to your blob data.

☐ Enable versioning for blobs

Use versioning to automatically maintain previous versions of your blobs. [Learn more](#)

Consider your workload, their impact on the number of versions created, and the retention costs. Retention costs for automatically

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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

☐

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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
ad	4532	All resources selected
lsm	567	All resources selected
mmo	455	All resources selected
		All resources selected

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Basics

Subscription

Azure for Students

Resource Group

cloud\_computing

Location

southindia

Storage account name

exp18

Deployment model

Resource manager

Performance

Standard

Replication

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

Advanced

Enable hierarchical namespace

Enabled

Enable network file system v3

Disabled

Allow cross-tenant replication

Disabled

Access tier

Hot

Enable SFTP

Enabled

Large file shares

Disabled

Networking

Network connectivity

Public endpoint (all networks)

Default routing tier

Microsoft network routing

Endpoint type

Standard

Security

Secure transfer

Enabled

Create

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Deployment

Search

Delete

Cancel

Redeploy

Download

Refresh

Overview

Inputs

Outputs

Template

✓ Your deployment is complete

Deployment name: exp18\_1699948087132

Subscription: Azure for Students

Resource group: cloud\_computing

Start time: 11/14/2023, 1:18:38 PM

Correlation ID: 3678cad8-4e1a-4810-809f-78717ecd0001

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

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Blob inventory

Essentials

Resource group (move) : cloud-computing

Location : southindia

Primary/Secondary Location : Primary: South India, Secondary: Central India

Subscription (move) : Azure for Students

Subscription ID : 45945124-da26-47f4-87bc-3b0ac3f6444

Disk state : Primary: Available, Secondary: Available

Tags (add) : ad:4532, km:587, mmo:455

Properties Monitoring Capabilities (3) Recommendations (0) Tutorials Tools + SDKs

Data Lake Storage

Hierarchical namespace : Enabled

Default access tier : Not configured

Blob anonymous access : Disabled

Blob soft delete : Enabled (7 days)

Container soft delete : Enabled (7 days)

Versioning : Disabled

Change feed : Disabled

NFS v3 : Disabled

SFTP : Enabled

File service

Large file share : Disabled

Identity-based access : Not configured

Default share-level permissions : Disabled

Performance : Standard

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

Account kind : StorageV12 (general purpose v2)

Provisioning state : Succeeded

Created : 11/14/2023, 1:18:40 PM

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

Number of private endpoint connections : 0

Network routing : Microsoft network routing

Access for trusted Microsoft services : Yes

Endpoint type : Standard

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Privacy settings Feedback

Storage 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 : -

Tables

Number of tables : -

Number of entities : -

Total data stored : -

Queues

Number of queues : -

Number of messages : -

Total data stored : -

Recently viewed

Resources will be shown here as they are viewed.

Other ways to manage data

The Azure Storage Explorer desktop client provides faster performance for your storage tasks. [Learn more](#)

[Open Azure Storage Explorer](#) [Download Azure Storage Explorer](#)

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Total data stored : -

File shares

Number of file shares : -

Number of files : -

Total data stored : -

Tables

Number of tables : -

Number of entities : -

Total data stored : -

Queues

Number of queues : -

Number of messages : -

Total data stored : -

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File shares

Search file shares by prefix

Showing all 0 items

Only show active file shares

Name	Tier	Modified	Quota
No items found			

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Blob inventory

+ Add file share Refresh Delete share Connect Edit columns

File shares

Search file shares by prefix

Showing all 0 items

Name

No items found

New file share

Name \*  
[ exp18 ]

Tier  
Transaction optimized

Performance  
Maximum IOPS 1000  
Egress rate 80 MiB / s  
Ingress rate 80 MiB / s  
Maximum capacity 5 TiB  
Large file shares Disabled

You can improve performance and maximum share capacity by enabling large file shares for this storage account. [Learn more](#)

To use the SMB protocol with this share, check if you can communicate over port 445. These links for [SMB protocol clients](#) and [Linux clients](#) can help. Learn how to [configure port 445](#). [Details](#)

Create Cancel

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Upload + Add directory Refresh Delete Copy Paste Rename Edit columns

File shares > exp18

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

Search files by prefix

Showing all 0 items

Name

No items found

Upload files

1 file(s) selected: 8.csv  
Drag and drop files here or [Browse for files](#)

☐ Overwrite if files already exist

Upload

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Default view: Overview

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Favorites  
Recently viewed  
Blob containers  
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exp18  
View all  
Queues  
Tables

Upload + Add directory Refresh Delete Copy Paste Rename Edit columns

File shares exp18

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

Search files by prefix

Showing all 1 items

☐ Name  
☐ 3.csv

Upload files

Drag and drop files here  
or  
Browse for files

☐ Overwrite if files already exist

Upload

Current uploads

3.csv 204 B / 204 B

Dismiss: Completed All