

exp-18

Microsoft Azure

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DEFAULT DIRECTORY (MADHUMI...)

Home > Storage accounts >

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](#)

☒ Point-in-time restore and hierarchical namespace cannot be enabled simultaneously.

☒ 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 ⓘ

7

☒ 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 ⓘ

7

☒ 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 ⓘ

7

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 resulting costs. (Retention costs for automatic all.)

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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	4632	All resources selected
lkm	507	All resources selected
mmp	405	All resources selected
		All resources selected

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Resource Group

Location

Storage account name

Deployment model

Performance

Replication

Advanced

Enable hierarchical namespace

Enable network file system (SMB)

Allow cross-tenant replication

Access tier

Enable SFTP

Large file shares

Networking

Network connectivity

Default routing tier

Endpoint type

Security

Secure transfer

Azure for Students

cloudcomputing

southindia

exp18

Resource manager

Standard

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

Enabled

Disabled

Disabled

Hot

Enabled

Disabled

Public endpoint (all networks)

Microsoft network routing

Standard

Enabled

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Download a template for automation

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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: 3678ca85-9a1a-481c-8004-78717ec03001

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. Go to Microsoft Defender for Cloud >

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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 >

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Microsoft Defender for Cloud

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Blob inventory

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Monitoring

Capabilities (5)

Recommendations (0)

Tutorials

Tools + SDKs

JSON View

Enabling SFTP on Azure Blobs has an hourly billing impact. [Learn more about SFTP.](#)

Essentials

Resource group: [exp18-45376b09](#)

Location: [southindia](#)

Primary/Secondary Location: [Primary: South India, Secondary: Central India](#)

Subscription: [exp18](#)

Subscription ID: [45962104-da26-4714-87bc-3b6d3f6d444](#)

Disk state: [Primary: Available, Secondary: Available](#)

Tags: [id: 4532](#) [env: 567](#) [mno: 456](#)

Performance: Standard

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

Account kind: StorageV2 (general purpose v2)

Provisioning state: Succeeded

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

Data Lake Storage

Hierarchical namespace: Enabled

Default access tier: Not

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 (7 days)

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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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 take 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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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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File shares

Search file shares by prefix

Showing all 0 items

No items found

New file share

Name *
exp18

Tier
Transaction optimized

Performance
Maximum IOPS 1000
Egress rate 60 MB/s
Ingress rate 60 MB/s
Maximum capacity 5 TB
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 scripts for [Windows clients](#) and [Linux clients](#) can help. Learn how for [document port 445](#).

Create Cancel

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File shares > exp18

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

Search file shares by prefix

Showing all 0 items

No items found

Upload files

1 file(s) selected: 3.csv
Drag and drop files here or [Browse for files](#)

☐ Overwrite if files already exist

Upload

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View all

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Upload

+

Add directory

Refresh

Delete

Copy

Paste

Renaming

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