

# Jessica Grace-192224078(Experiment-17)

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Create a storage account

Basics Advanced Networking Data protection Encryption Tags Review

Azure Storage is a Microsoft-managed service providing cloud storage that is highly available, secure, durable, scalable, and redundant. Azure Storage includes Azure Blob (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 \* Jess

Create new

**Instance details**

Storage account name \* jessy

Region \* Asia Pacific South India

Deploy to an edge zone

Performance \* Standard: Recommended for most scenarios (general-purpose v2 account)

Premium: Recommended for scenarios that require low latency.

Redundancy \* Geo-redundant storage (GRS)

Make read access to data available in the event of regional unavailability.

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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 namespaces, 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 ☒

**Access protocols**

Blob and Data Lake Gen2 endpoints are provisioned by default. [Learn more](#)

Enable SFTP ☒

Local users feature will be enabled with SFTP. Create local user identities to access.

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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 ⓘ

☒ 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

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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
jess	1	All resources selected
faru	2	All resources selected
sam		All resources selected
		All resources selected

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## Create a storage account

Basics Advanced Networking Data protection Encryption Tags Review

**Basics**

Subscription	Azure for Students
Resource Group	Jess
Location	southindia
Storage account name	jessy
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

Create < Previous Next > Download a template for automation Give feedback

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## jessy\_1699946870288 | Overview

Deployment

Search Delete Cancel Redeploy Download Refresh

Overview Inputs Outputs Template

**Your deployment is complete**

Deployment name: jessy\_1699946870288 Start time: 11/14/2023, 12:58:23 PM  
Subscription: Azure for Students Correlation ID: 9ea7dcb6-e83d-46b2-953d-a0456c0ca1e2  
Resource group: Jess

Deployment details

Next steps

Go to resource

Give feedback  
Tell us about your experience with deployment

**Deployment succeeded**  
Deployment 'jessy\_1699946870288' to resource group 'jess' was successful.  
Go to resource Pin to dashboard

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Overview

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Tags

Diagnose and solve problems

Access Control (IAM)

Data migration

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Queues

Tables

Security + networking

Networking

Access keys

Upload

Open in Explorer

Delete

Move

Refresh

Open in mobile

CLI / PS

Feedback

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

JSON View

Essentials

Resource group (move) : jess

Location : southindia

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

Subscription (move) : Azure for Students

Subscription ID : a580f45a-b725-4a78-b75b-043a044ae527

Disk state : Primary: Available, Secondary: Available

Performance : Standard

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

Account kind : StorageV2 (general purpose v2)

Provisioning state : Succeeded

Created : 11/14/2023, 12:58:25 PM

Tags (edit) : jess : 1 faru : 2 sam : 3

Properties

Monitoring

Capabilities (5)

Recommendations (0)

Tutorials

Tools + SDKs

Data Lake Storage

Hierarchical namespace : Enabled

Default access tier : Hot

Blob anonymous access : Disabled

Blob soft delete : Enabled (7 days)

Container soft delete : Enabled (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

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File shares

Search file shares by prefix

Only show active file shares

Showing all 0 items

Name	Tier	Modified	Quota
No items found			

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jessy

- File shares
- Blob containers
- File shares
  - jessy
  - View all
- Queues
- Tables

+ Add file share Refresh Delete share Connect Edit columns

File shares

Search file shares by prefix

Only show active file shares

Showing all 1 items

<input type="checkbox"/>	Name	Tier	Modified	Quota	
<input type="checkbox"/>	jessy	Transaction optimized	11/14/2023, 1:03:27 PM	5 TiB	...

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Security + networking

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jessy

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  - View all
- Queues
- Tables

Upload + Add directory Refresh Delete Copy Paste Rename Edit columns

File shares > jessy

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

Search files by prefix

Showing all 1 items

<input type="checkbox"/>	Name	Type	Size	
<input type="checkbox"/>	step9.17.PNG	File	81.77 KiB	...