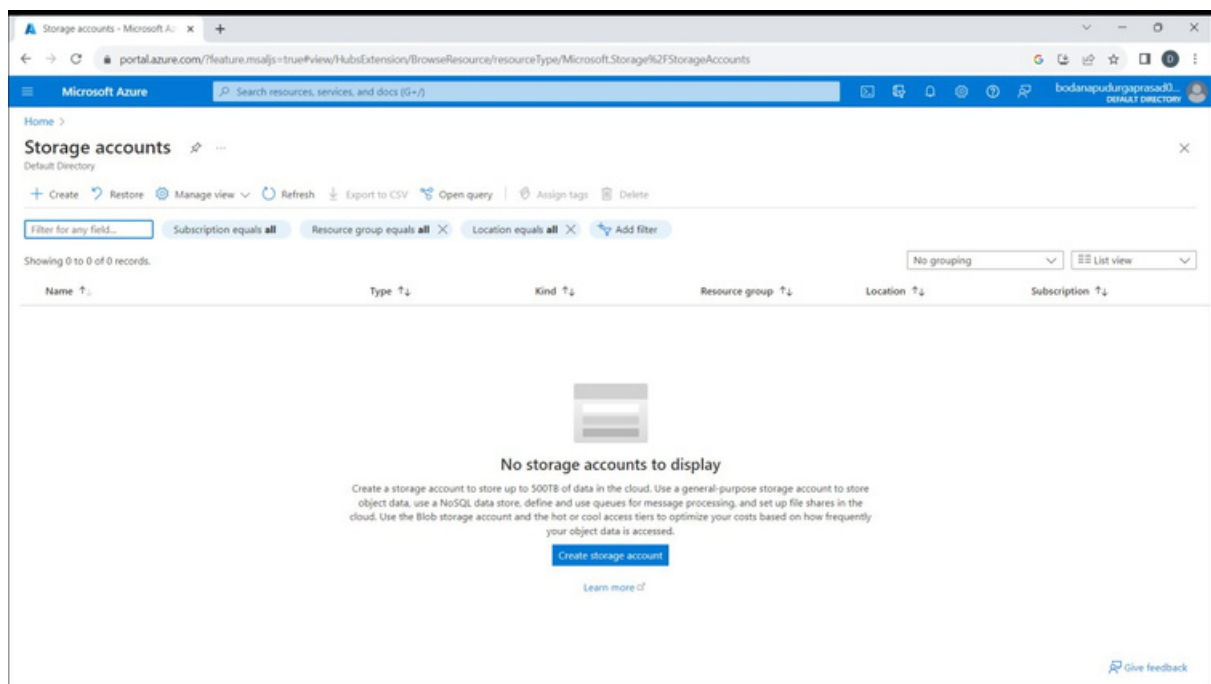
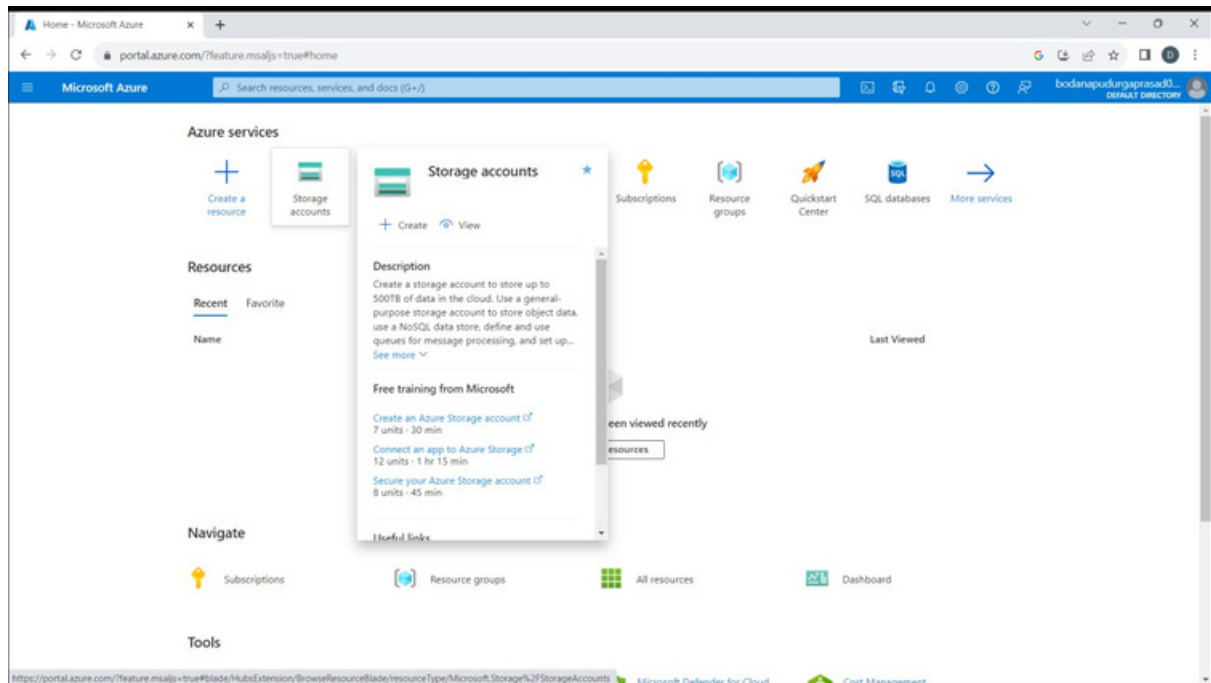


# Experiment-17

Demonstrate Storage as a Service (SaaS) create and configure a new VM Image in any Public Cloud Service Provider



Create a storage account - Microsoft Azure

portal.azure.com/?feature.msalsjs=true#create/Microsoft.StorageAccount-ARM

Microsoft Azure

Home > Storage accounts >

## 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 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 \* NetworkWatcherRG

[Create new](#)

**Instance details**

Storage account name \*

Region \*

[Review](#) [Previous](#) [Next: Advanced >](#)

Waiting for management.azure.com...

[Give feedback](#)

Create a storage account - Microsoft Azure

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## Create a storage account

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Subscription \* Azure for Students

Resource group \* NetworkWatcherRG

[Create new](#)

**Instance details**

Storage account name \*

Region \* (Asia Pacific) Central 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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Create a storage account - Microsoft Azure

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## Create a storage account

Basics Advanced Networking Data protection Encryption Tags Review

Subscription \* Azure for Students

Resource group \* NetworkWatcherRG

Create new

### Instance details

Storage account name \* rorprn2r0r

Region \* (Asia Pacific) Central 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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## Create a storage account

Basics Advanced Networking Data protection Encryption Tags Review

☐ 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 Azure Active Directory authorization in the Azure portal ☐

Minimum TLS version

Permitted scope for copy operations (preview)

Review < Previous Next: Networking > Give feedback

Create a storage account - Microsoft Azure

portal.azure.com/?feature.msals=true#create/Microsoft.StorageAccount-ARM

Microsoft Azure Search resources, services, and docs (0+)

Home > Storage accounts >

## Create a storage account

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

**!** 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

☐ User-defined routing

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

Create a storage account - Microsoft Azure

portal.azure.com/?feature.msals=true#create/Microsoft.StorageAccount-ARM

Microsoft Azure Search resources, services, and docs (0+)

Home > Storage accounts >

## Create a storage account

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

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 ⓘ

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

Create a storage account - Mic...

portal.azure.com/?feature.msals=true#create/Microsoft.StorageAccount-ARM

Microsoft Azure

Search resources, services, and docs (0+)

Home > Storage accounts >

Create a storage account

BasicAdvancedNetworkingData 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
donl	23	All resources selected
		All resources selected

Review

< PreviousNext: Review >

Give feedback

Create a storage account - Mic...

portal.azure.com/?feature.msals=true#create/Microsoft.StorageAccount-ARM

Microsoft Azure

Search resources, services, and docs (0+)

Home > Storage accounts >

Create a storage account

Running final validation...

BasicAdvancedNetworkingData protectionEncryptionTagsReview

Basics

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

Advanced

Enable hierarchical namespace	Disabled
Enable network file system v3	Disabled
Allow cross-tenant replication	Disabled
Access tier	Hot
Enable SFTP	Disabled
Large file shares	Disabled

Create

< PreviousNext >

Download a template for automation

Give feedback

Microsoft Azure portal showing the deployment overview for the deployment named **roronoazoro\_1697687158977**. The deployment is in progress.

**Deployment details:**

Resource	Type	Status	Operation details
roronoazoro	Microsoft.Storage/storageAccounts	Accepted	<a href="#">Operation details</a>

**Deployment summary:**

- Deployment name: roronoazoro\_1697687158977
- Subscription: Azure for Students
- Resource group: NetworkWatcherRG
- Start time: 10/19/2023, 9:16:05 AM
- Correlation ID: 49e90b7b-92f3-401f-b9a8-8867206dcb4f

**Deployment progress:**

Deployment is in progress

**Deployment details:**

Resource: roronoazoro, Type: Microsoft.Storage/storageAccounts, Status: Accepted, Operation details: [Operation details](#)

**Deployment summary:**

Deployment name: roronoazoro\_1697687158977, Subscription: Azure for Students, Resource group: NetworkWatcherRG, Start time: 10/19/2023, 9:16:05 AM, Correlation ID: 49e90b7b-92f3-401f-b9a8-8867206dcb4f

**Deployment progress:**

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Microsoft Azure portal showing the deployment overview for the deployment named **roronoazoro\_1697687158977**. The deployment is complete.

**Deployment details:**

Resource	Type	Status	Operation details
roronoazoro	Microsoft.Storage/storageAccounts	Accepted	<a href="#">Operation details</a>

**Deployment summary:**

- Deployment name: roronoazoro\_1697687158977
- Subscription: Azure for Students
- Resource group: NetworkWatcherRG
- Start time: 10/19/2023, 9:16:05 AM
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**Deployment progress:**

Deployment is complete

**Deployment details:**

Resource: roronoazoro, Type: Microsoft.Storage/storageAccounts, Status: Accepted, Operation details: [Operation details](#)

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Deployment is complete

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Resource: roronoazoro, Type: Microsoft.Storage/storageAccounts, Status: Accepted, Operation details: [Operation details](#)

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Microsoft Azure portal showing the **Storage accounts** page. The selected storage account is **roronoazoro**.

**Storage accounts** page details:

- Search:** Search resources, services, and docs (5+)
- Filter for any field...**
- Name:** roronoazoro
- Overview:**
  - Activity log
  - Tags
  - Diagnose and solve problems
  - Access Control (IAM)
  - Data migration
  - Events
  - Storage browser
  - Storage Mover
  - Data storage: Containers, File shares, Queues, Tables
  - Security + networking: Networking, Front Door and CDN, Access keys

**roronoazoro** Storage account details:

- Essentials:**
  - Resource group: [NetworkWatcherRG](#)
  - Location: Central India
  - Primary/Secondary Location: Primary: Central India, Secondary: South India
  - Subscription: [Azure for Students](#)
  - Subscription ID: 0c5019e4-dc84-4824-94bf-20e44cd26bf
  - Disk state: Primary: Available, Secondary: Available
  - Tags: dcsl0, dcsl : 23
- Properties:**
  - Performance: Standard
  - Replication: Read-access geo-redundant storage (RA-GRS)
  - Account kind: StorageV2 (general purpose v2)
  - Provisioning state: Succeeded
  - Created: 10/19/2023, 9:16:06 AM
- Blob service:**
  - Hierarchical namespace: Disabled
  - Default access tier: Hot
  - Blob anonymous access: Disabled
- Security:**
  - Require secure transfer for REST API operations: Enabled
  - Storage account key access: Enabled

Page 1 of 1

Microsoft Azure portal showing the **Upload blob** page for the **roronoazoro** storage account.

**Upload blob** page details:

- Essentials:**
  - Resource group: [NetworkWatcherRG](#)
  - Location: Central India
  - Primary/Secondary Location: Primary: Central India, Secondary: South India
  - Subscription: [Azure for Students](#)
  - Subscription ID: 0c5019e4-dc84-4824-94bf-20e44cd26bf
  - Disk state: Primary: Available, Secondary: Available
  - Tags: dcsl0, dcsl : 23
- Properties:**
  - 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
  - Security:**
    - Require secure transfer for REST API operations: Enabled
    - Storage account key access: Enabled

**Upload blob** action:

- Drag and drop files here or [Browse for files](#)
- Select an existing container:
- Create new:
- ☐ Overwrite if files already exist
- Advanced:**
  - 
  - [Give feedback](#)