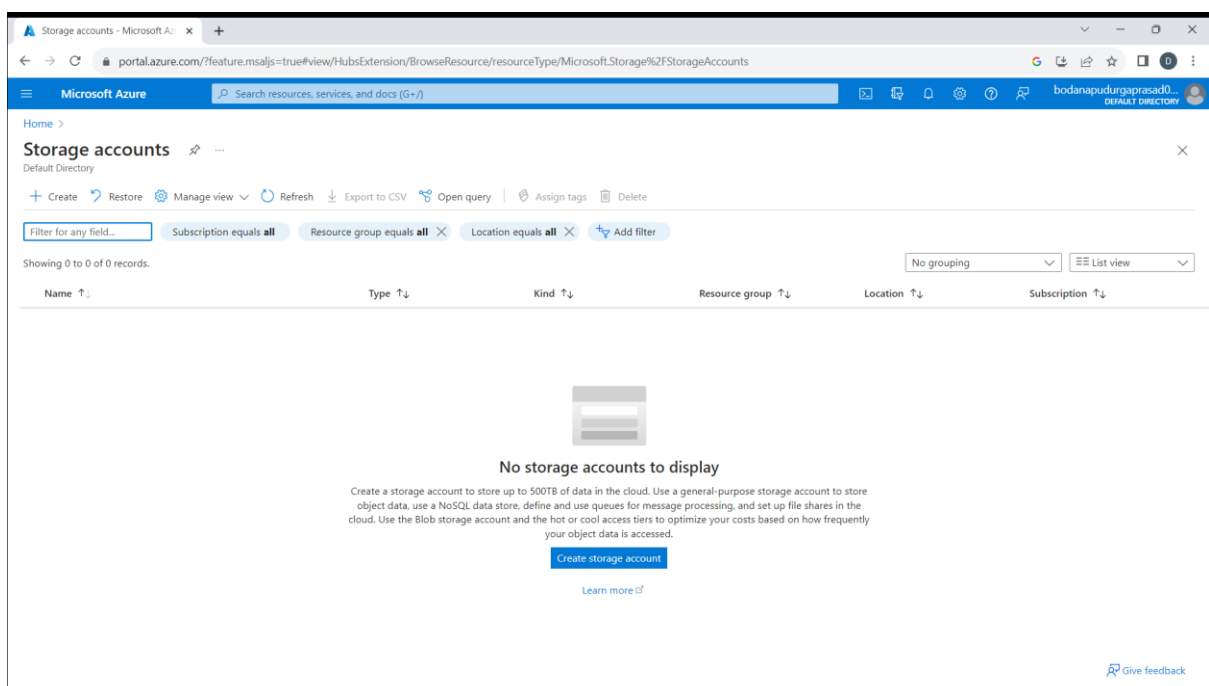
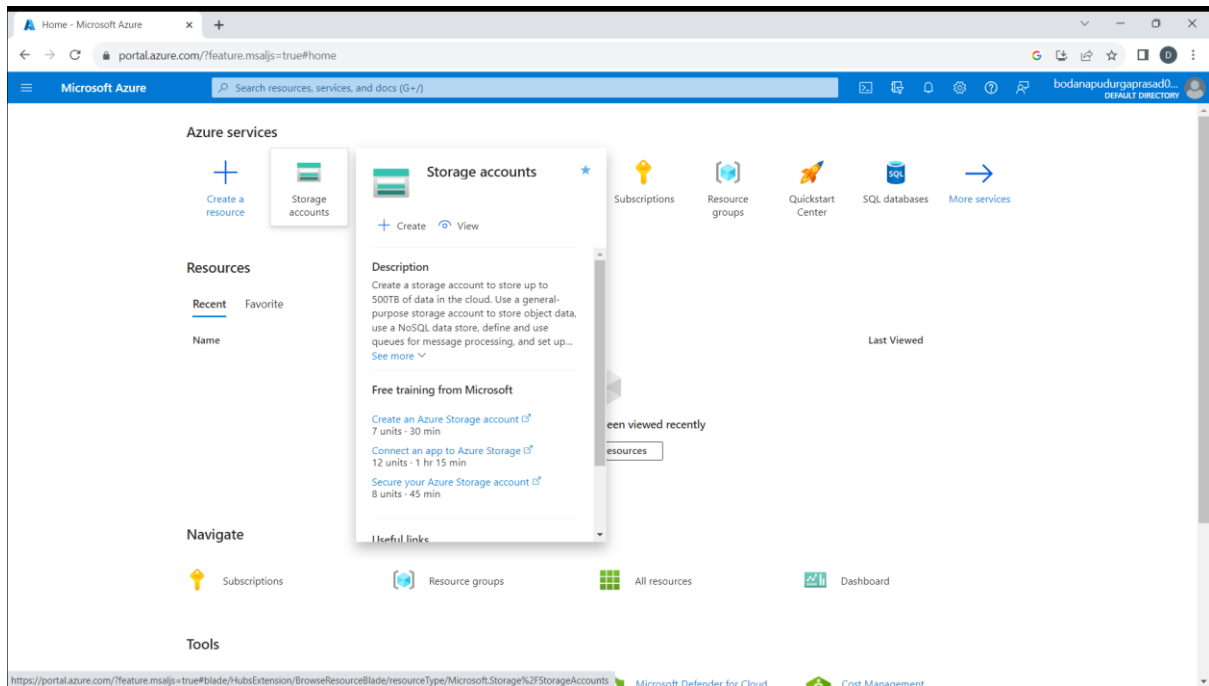


Experiment-17

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



Create a storage account - Micro

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

Microsoft Azure

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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 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 *

Deploy to an edge zone

Review

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Next : Advanced >

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Create a storage account - Micro

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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.

Review

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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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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)

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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

☐ User-defined 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 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 ⓘ

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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
dcnl	23	All resources selected
		All resources selected

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Running final validation...

Basics Advanced Networking Data protection Encryption Tags Review

Basics

Subscription	Azure for Students
Resource Group	NetworkWatcherRG
Location	centralindia
Storage account name	roronoazoro
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
Laroe file shares	Disabled

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Microsoft Azure portal showing the deployment details for the deployment named "roronoazoro_1697687158977". The deployment is in progress. The deployment details table shows the resource "roronoazoro" of type "Microsoft.Storage/storageAccounts" with a status of "Accepted".

Deployment is in progress

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

Resource	Type	Status	Operation details
roronoazoro	Microsoft.Storage/storageAccounts	Accepted	Operation details

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Microsoft Azure portal showing the deployment details for the deployment named "roronoazoro_1697687158977". The deployment is complete. The deployment details table shows the resource "roronoazoro" of type "Microsoft.Storage/storageAccounts" with a status of "Accepted".

Deployment succeeded
Deployment "roronoazoro_1697687158977" to resource group "NetworkWatcherRG" was successful.
[Go to resource](#) [Pin to dashboard](#)

Your deployment is complete

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

Resource	Type	Status	Operation details
roronoazoro	Microsoft.Storage/storageAccounts	Accepted	Operation details

Next steps
[Go to resource](#)

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The screenshot shows the Microsoft Azure portal interface. On the left, there's a sidebar with navigation options like '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', and 'Access keys'. The main content area is titled 'Storage accounts' and shows a list of storage accounts. The selected storage account is 'roronoazoro'. The right-hand pane displays the 'Essentials' section for this storage account, including details like Resource group (NetworkWatcherRG), Location (Central India), Primary/Secondary Location (Primary: Central India, Secondary: South India), Subscription ID (0c5019e4-dc84-4824-94bf-20e44cdf26bf), and Disk state (Primary: Available, Secondary: Available). Below this, the 'Properties' section shows 'Blob service' settings: 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), and Allow cross-tenant replication (Disabled). The 'Security' section shows 'Require secure transfer for REST API operations' (Enabled) and 'Storage account key access' (Enabled).

The screenshot shows the 'Upload blob' dialog box in the Microsoft Azure portal. The dialog has a title bar 'Upload blob' and a close button. Inside, there's a large dashed box with a cloud icon and the text 'Drag and drop files here or Browse for files'. Below this, there's a dropdown menu to 'Select an existing container'. There are buttons for 'Create new' and 'Overwrite if files already exist'. At the bottom, there's an 'Advanced' section with an 'Upload' button and a 'Give feedback' link.