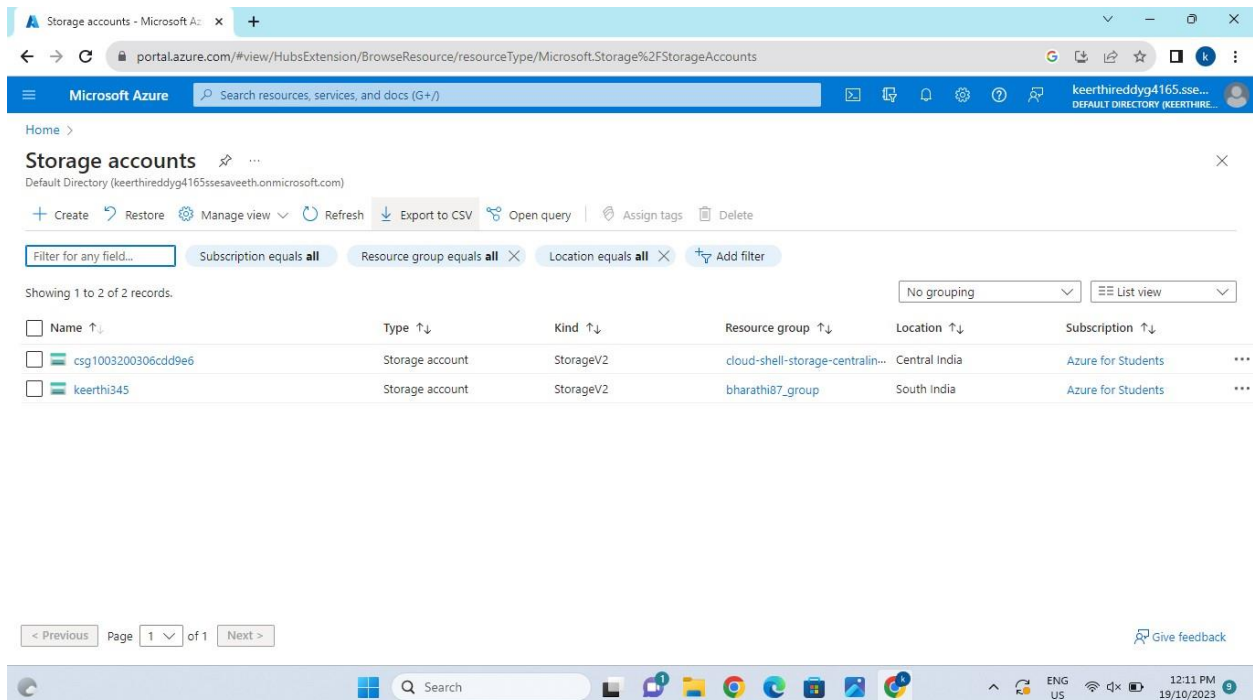
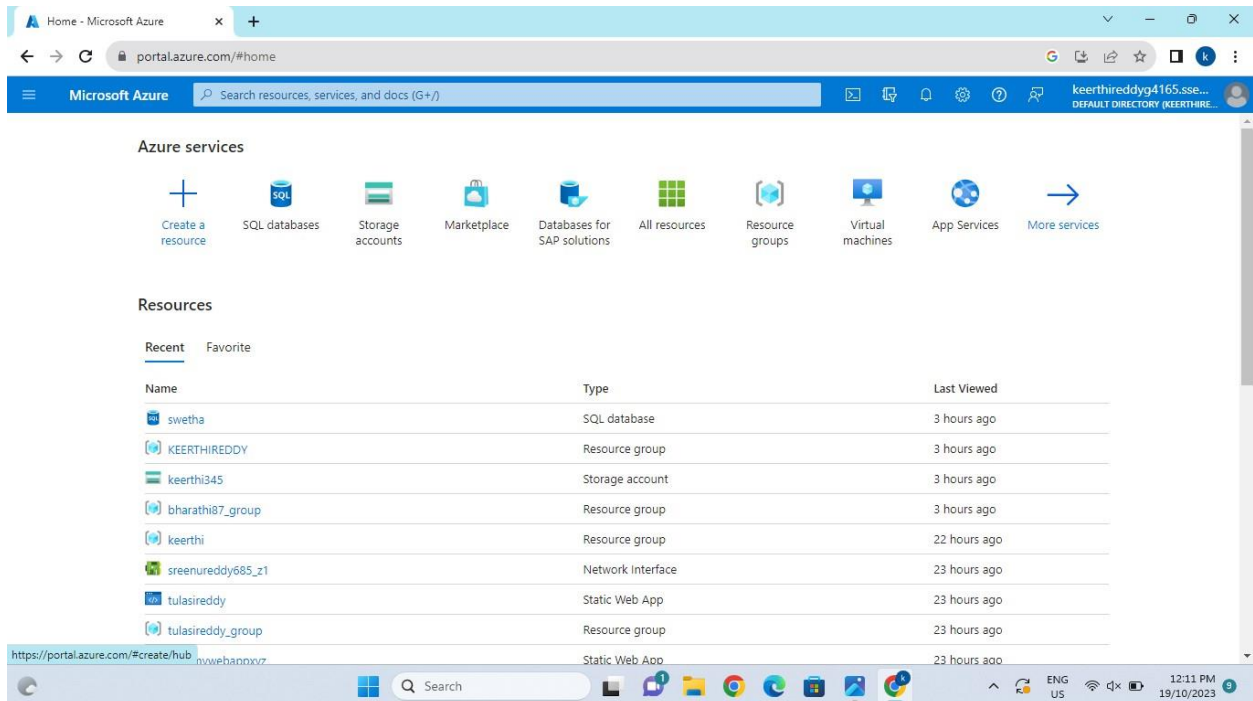


# EXPERIMENT 16

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



# EXPERIMENT 16

Create a storage account - Micro

portal.azure.com/#create/Microsoft.StorageAccount-ARM

Microsoft Azure

Search resources, services, and docs (G+)

keerthireddy4165.sse...  
DEFAULT DIRECTORY (KEERTHIRE...

Home > Storage accounts >

Create a storage account

BasicsAdvancedNetworkingData protectionEncryptionTagsReview

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 \*  
KEERTHIREDDY  
[Create new](#)

Instance details

Review

< Previous

Next : Advanced >

Give feedback

Create a storage account - Micro

portal.azure.com/#create/Microsoft.StorageAccount-ARM

Microsoft Azure

Search resources, services, and docs (G+)

keerthireddy4165.sse...  
DEFAULT DIRECTORY (KEERTHIRE...

Home > Storage accounts >

Create a storage account

BasicsAdvancedNetworkingData 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
bag	10	All resources selected
bottle	20	All resources selected
	20	All resources selected

Review

< Previous

Next : Review >

Give feedback

# EXPERIMENT 16

The image shows two screenshots of the Microsoft Azure portal. The top screenshot displays the 'Create a storage account' wizard, and the bottom screenshot shows the 'Deployment is in progress' overview for a specific deployment.

**Top Screenshot: Create a storage account**

The browser address bar shows `portal.azure.com/#create/Microsoft.StorageAccount-ARM`. The page title is 'Create a storage account'. The 'Review' tab is selected in the navigation bar.

**Basics**

Subscription	Azure for Students
Resource Group	KEERTHIREDDY
Location	southindia
Storage account name	prudvi
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

Buttons: Create, < Previous, Next >, Download a template for automation, Give feedback.

**Bottom Screenshot: Deployment is in progress**

The browser address bar shows `portal.azure.com/#view/HubsExtension/DeploymentDetailsBlade/~/overview/id/%2Fsubscriptions%2Fe7dc773a-8e2d-42f6-9d4c-f23c9d3530ea%2FresourceG...`. The page title is 'prudvi\_1697697866383 | Overview'. The 'Overview' tab is selected in the left sidebar.

**Deployment details**

Resource	Type	Status	Operation details
No results.			

**Deployment information:**

- Deployment name: prudvi\_1697697866383
- Subscription: Azure for Students
- Resource group: KEERTHIREDDY
- Start time: 10/19/2023, 12:14:30 PM
- Correlation ID: 56c28e12-60e8-4810-9fad-d73fb7cc6d24

**Give feedback:** Tell us about your experience with deployment

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**Work with an expert:** 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 >

# EXPERIMENT 16

The top screenshot displays the Microsoft Azure portal interface for a deployment named 'prudvi\_1697697866383'. The deployment is complete, with a success message and a 'Go to resource' button. The deployment details show it was created on 10/19/2023 at 12:14:30 PM. The bottom screenshot shows the 'prudvi' storage account overview. The account is located in South India and is configured with Standard performance, Read-access geo-redundant storage (RA-GRS) replication, and StorageV2 (general purpose v2) account kind. The security settings are also visible, showing that hierarchical namespace, default access tier, and blob anonymous access are disabled, while require secure transfer for REST API operations, storage account key access, and minimum TLS version are enabled.

**Deployment Overview:**

- Deployment name: prudvi\_1697697866383
- Subscription: Azure for Students
- Resource group: KEERTHIREDDY
- Start time: 10/19/2023, 12:14:30 PM
- Correlation ID: 56c28e12-60e8-4810-9fad-d73fb7cc6d24

**Storage Account Overview:**

- Resource group: KEERTHIREDDY
- Location: South India
- Primary/Secondary Location: Primary: South India, Secondary: Central India
- Subscription: Azure for Students
- Subscription ID: e7dc773a-8e2d-42f6-9d4c-f23c9d3530ea
- Disk state: Primary: Available, Secondary: Available
- Tags: bag : 10, bottle : 20
- Performance: Standard
- Replication: Read-access geo-redundant storage (RA-GRS)
- Account kind: StorageV2 (general purpose v2)
- Provisioning state: Succeeded
- Created: 10/19/2023, 12:14:31 PM

**Security Settings:**

Setting	Status
Hierarchical namespace	Disabled
Default access tier	Hot
Blob anonymous access	Disabled
Blob soft delete	Enabled (7 days)
Require secure transfer for REST API operations	Enabled
Storage account key access	Enabled
Minimum TLS version	Version 1.2
Infrastructure encryption	Disabled

# EXPERIMENT 16

The image shows two screenshots of the Microsoft Azure portal. The top screenshot displays the 'Upload blob' dialog for a storage account named 'prudvi'. The dialog is titled 'New container' and shows the container name 'sreeni'. The anonymous access level is set to 'Private (no anonymous access)'. A message indicates that anonymous access is blocked. The 'Upload' button is visible at the bottom. The bottom screenshot shows the 'Home' page of the Azure portal, featuring 'Azure services' and 'Resources' sections. The 'Resources' section lists various resources with their names, types, and last viewed times.

**Upload blob dialog details:**

- Name: sreeni
- Anonymous access level: Private (no anonymous access)
- Message: Anonymous access to this container is being blocked because anonymous access is disabled on this storage account.
- Buttons: Ok, Cancel
- Checkbox: Overwrite if files already exist
- Advanced section: Upload button

**Azure services and Resources:**

**Azure services:**

- Create a resource
- Storage accounts
- SQL databases
- Marketplace
- Databases for SAP solutions
- All resources
- Resource groups
- Virtual machines
- App Services
- More services

**Resources:**

Name	Type	Last Viewed
prudvi	Storage account	2 minutes ago
KEERTHIREDDY	Resource group	3 minutes ago
swetha	SQL database	3 hours ago
keerthi345	Storage account	3 hours ago
bharathi87_group	Resource group	3 hours ago
keerthi	Resource group	22 hours ago
sreenureddy685_z1	Network interface	23 hours ago
tulasireddy	Static Web App	23 hours ago
tulasireddy_group	Resource group	23 hours ago



# EXPERIMENT 16

The top screenshot shows the Microsoft Azure Storage browser interface for the 'prudvi' storage account. The left sidebar contains navigation links: Overview, Activity log, Tags, Diagnose and solve problems, Access Control (IAM), Data migration, Events, Storage browser (selected), Storage Mover, Data storage, Containers, File shares, Queues, and Tables. The main content area displays 'Storage account metrics' for the 'prudvi' storage account. The metrics are organized into four cards: Blob containers, File shares, Tables, and Queues. Each card shows the number of containers, blobs, file shares, files, tables, entities, queues, messages, and the total data stored. The bottom screenshot shows the 'Blob containers' page for the 'sreeja' container. The left sidebar is the same as the top screenshot. The main content area displays the 'Blob containers' page for the 'sreeja' container. The page shows the authentication method as 'Access key' and a search filter. Below the search filter, a table lists the blobs in the container. The table has columns for Name, Last modified, Access tier, Blob type, and Size. The table shows one blob named 'library reser...' with a last modified date of 10/19/2023, 12:17:09 PM, an access tier of 'Hot (Inferred)', a blob type of 'Block blob', and a size of 518.09 KiB.

**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 be over a day between updates.

Metric	Value
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**

**Blob containers > sreeja**

Authentication method: Access key (Switch to Azure AD User Account)

Add filter

Search blobs by prefix (case-sensitive)

Only show active blobs

Showing all 1 items

Name	Last modified	Access tier	Blob type	Size
library reser...	10/19/2023, 12:17:09 PM	Hot (Inferred)	Block blob	518.09 KiB