

**EXP NO 23.** Demonstrate Storage as a Service (SaaS) create and configure a new VM Image in any Public Cloud Service Provider using Azure.

**AIM:**

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

**Procedure:**

Step 1: Log in to Azure

- Go to <https://portal.azure.com> and sign in.

Step 2: Create a Resource Group

- Click Resource Groups → + Create
- Name: SaaS-Storage-RG
- Select nearest Region
- Click Review + Create → Create

Step 3: Create a Storage Account

- Click Create a Resource → Storage → Storage Account
- Fill details:
  - Resource Group: SaaS-Storage-RG
  - Storage Account Name: saasdemostorage123
  - Performance: Standard, Replication: LRS
- Click Review + Create → Create

Step 4: Create Container & Upload File

- Open the storage account → Containers → + Container → Name: mycontainer
- Open mycontainer → Click Upload → Select a file

Step 5: Access File Publicly

- Click the uploaded file → Generate SAS / URL
- Copy the link → Open in browser or share

Design:

Google Gemini

Devices - Blynk.Console

Resource groups - Micro

Cloud-Computing-lab/E

how to delete a file in gti

portal.azure.com/#browse/resourcegroups

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

ngovardhanreddy9381...  
DEFAULT DIRECTORY (NGOVARDA...

All services >

Resource groups

Default Directory (ngovardhanreddy9381gmail996.onmicrosoft.com)

+ Create

Manage view

Refresh

Export to CSV

Open query

Assign tags

Group by none

Create new resource group

version of Browse experience. Click here to access the old experience.

Filter for any field...

Subscription equals all

Location equals all

+ Add filter

	Name ↑	Subscription	Location
<input type="checkbox"/>	DefaultResourceGroup-CID	Azure for Students	Central India
<input type="checkbox"/>	DefaultResourceGroup-EA	Azure for Students	East Asia
<input type="checkbox"/>	DefaultResourceGroup-null	Azure for Students	Canada East
<input type="checkbox"/>	IaaS-Demo-RG	Azure for Students	East Asia
<input type="checkbox"/>	MyWebRG	Azure for Students	Central India
<input type="checkbox"/>	NetworkWatcherRG	Azure for Students	East Asia
<input type="checkbox"/>	One-Click-Demo-RG	Azure for Students	East Asia

Showing 1 - 9 of 9. Display count: auto

Give feedback

Notifications

More events in the activity log →Dismiss all

Save code settings

Successfully setup GitHub Action build and deployment pipeline

31 minutes ago

Deployment succeeded

Deployment 'Microsoft.Web-WebApp-Portal-a6c6f389-87cf' to resource group 'PaaS-Flask-RG' was successful.

Go to res...

Go to resource ...

an hour ago

Resource group created

Creating resource group 'PaaS-Flask-RG' in subscription 'Azure for Students' succeeded.

Go to resour...

Pin to da...

an hour ago

portal.azure.com/#blade/HubsExtension/ResourceGroupCreate.ReactView

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

ngovardhanreddy9381...  
DEFAULT DIRECTORY (NGOVARDA...

All services > Resource groups >

Create a resource group

Basics

Tags

Review + create

Resource group

A container that holds related resources for an Azure solution. The resource group can include all the resources for the solution, or only those resources that you want to manage as a group. You decide how you want to allocate resources to resource groups based on what makes the most sense for your organization. [Learn more](#)

Subscription \*

Azure for Students

Resource group name \*

SaaS-storage-RG

Region \*

(Asia Pacific) East Asia

Previous

Next

Review + create

Notifications

More events in the activity log →Dismiss all

Save code settings

Successfully setup GitHub Action build and deployment pipeline

32 minutes ago

Deployment succeeded

Deployment 'Microsoft.Web-WebApp-Portal-a6c6f389-87cf' to resource group 'PaaS-Flask-RG' was successful.

Go to res...

Go to resource ...

an hour ago

Resource group created

Creating resource group 'PaaS-Flask-RG' in subscription 'Azure for Students' succeeded.

Go to resour...

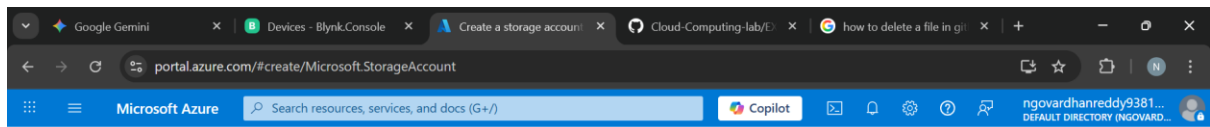
Pin to da...

an hour ago

Microsoft Azure portal interface showing the "Create a resource group" wizard. The "Review + create" tab is active, displaying the subscription "Azure for Students", resource group name "SaaS-storage-RG", and region "East Asia". The "Tags" section shows "None". A "Notifications" panel on the right lists recent events: "Save code settings" (32 minutes ago), "Deployment succeeded" (an hour ago), and "Resource group created" (an hour ago).

Microsoft Azure portal interface showing the "Create a resource" page. The "Get Started" section is active, displaying a list of services and their "Create" links: Virtual network, Key Vault, Virtual machine, Storage account, Data Factory, and Logic App. A "Notifications" panel on the right lists recent events: "Save code settings" (33 minutes ago), "Deployment succeeded" (an hour ago), and "Resource group created" (an hour ago).





All services > Create a resource >

## Create a storage account

Basics Advanced Networking Data protection Encryption Tags **Review + create**

[View automation template](#)

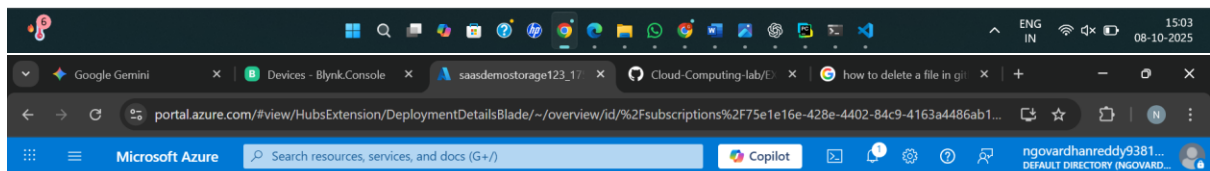
### Basics

Subscription	Azure for Students
Resource group	saas-storage-RG
Location	East Asia
Storage account name	saasdemostorage123
Preferred storage type	
Performance	Standard
Replication	Locally-redundant storage (LRS)

### Advanced

[Previous](#) [Next](#) [Create](#)

[Give feedback](#)



All services >

## saasdemostorage123\_1759916008631 | Overview

Deployment

[Search](#) [Delete](#) [Cancel](#) [Redeploy](#) [Download](#) [Refresh](#)

### Overview

[Inputs](#)  
[Outputs](#)  
[Template](#)

### ✓ Your deployment is complete

Deployment name: saasdemostorage123\_1759... Start time: 10/8/2025, 3:03:48 PM  
Subscription: [Azure for Students](#) Correlation ID: 16065d5b-88f9-4cd8-a810-261af54b  
Resource group: [saas-storage-RG](#)

#### Deployment details

#### Next steps

[Go to resource](#)

Give feedback

[Tell us about your experience with deployment](#)



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Microsoft Azure portal interface showing the 'Upload blob' dialog and the 'EXP NO 21.pdf' blob details.

**Upload blob dialog:**

- Name: mycontainer
- 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
- Advanced options: Overwrite if files already exist (unchecked)
- Buttons: Upload, Give feedback

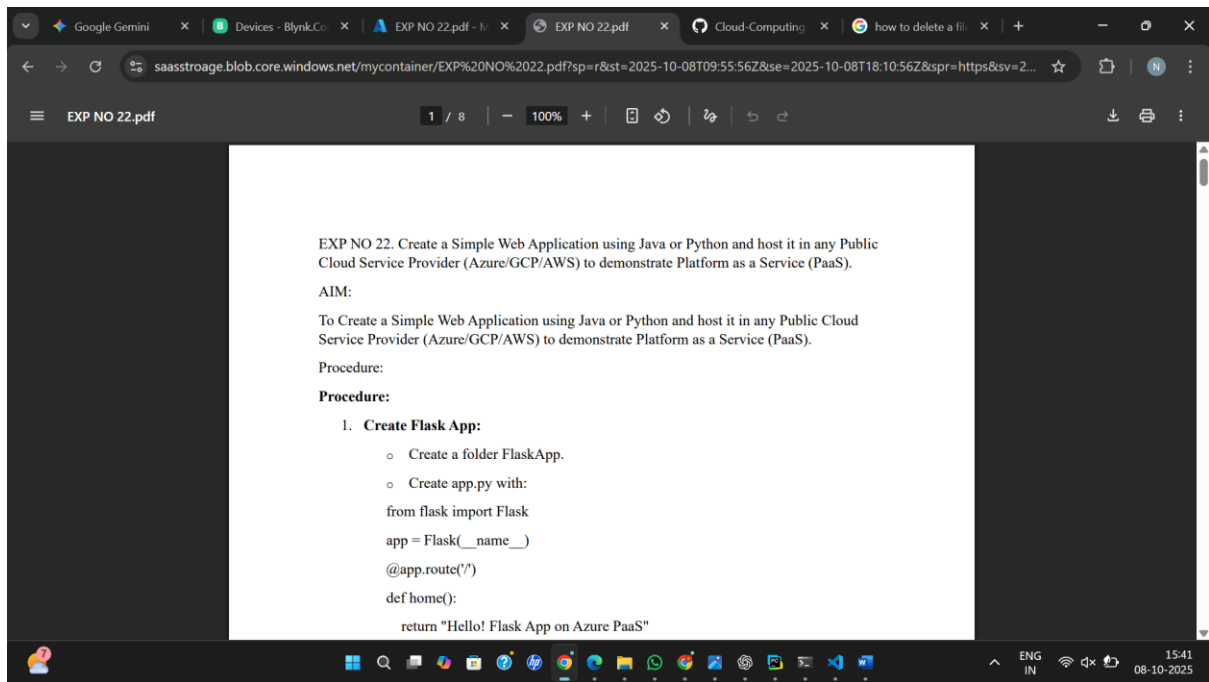
**EXP NO 21.pdf Blob details:**

Overview | Versions | Snapshots | Edit | Generate SAS

Properties

URL: <https://saasdemostorage123.blob.core.windows.net/mycontainer/EXP%20NO%2021.pdf> (Copied)

LAST MODIFIED	10/8/2025, 3:09:05 PM
CREATION TIME	10/8/2025, 3:09:05 PM
VERSION ID	-
TYPE	Block blob
SIZE	1.52 MiB
ACCESS TIER	Hot (Inferred)
ACCESS TIER LAST MODIFIED	N/A
ARCHIVE STATUS	-
REHYDRATE PRIORITY	-
SERVER ENCRYPTED	true
ETAG	0x8DE064E858A2CED
VERSION-LEVEL IMMUTABILITY POLICY	Disabled
CACHE-CONTROL	



Result:

Azure Storage was successfully created and files were uploaded, demonstrating Storage as a Service (SaaS).