

Working with S3 Buckets

- Bucket Creation: Step 1
- File/folder upload: Step 2, 3,5
- Setting Public permission: Step 4

1. Create Bucket

- To create S3 bucket, Search for S3 and select S3
- In create Bucket Page
 - Add unique name 'mohan_buck_1'
 - choose a region
 - Select 'create bucket'
 - Bucket name contains invalid characters: _
 - Change the name to 'mohan-buck1'

c.

The screenshot shows the AWS Management Console interface. At the top, there's a search bar with 's3' entered. Below the search bar, the 'Services' section is expanded, showing a list of services including S3, S3 Glacier, Athena, and AWS Snow Family. The 'Features' section is also visible, showing 'IoT Analytics feature'. Below the services list, there's a green banner indicating 'Successfully created bucket "mohan-buck1"'. Below the banner, there's a blue banner with the text 'How to optimize your costs on S3.' and a 'Learn more' link. At the bottom, there's a table showing the details of the created bucket.

Name	AWS Region	Access	Creation date
mohan-buck1	US East (Ohio) us-east-2	Bucket and objects not public	February 24, 2021, 12:11:54 (UTC+05:30)

2. Now we can upload files or folder

- Added aws.docx file (sample)
- Upload success

Upload

Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDK or Amazon S3 REST API. [Learn more](#)

Drag and drop files and folders you want to upload here, or choose **Add files**, or **Add folders**.

Files and folders (1 Total, 832.0 KB)

All files and folders in this table will be uploaded.

Remove

Add files

Add folder

Find by name

< 1 >

<input type="checkbox"/>	Name	Folder	Type	Size
<input type="checkbox"/>	AWS.docx	-	application/vnd.openxmlformats-officedocument.wordprocessingml.document	832.0 KB

Destination

Destination

s3://mohan-buck1

We're continuing to improve the S3 console to make it faster and easier to use. If you have feedback on the updated experience, choose **Provide feedback**.

Provide feedback

Upload succeeded

View details below.

Upload: status

Exit

The information below will no longer be available after you navigate away from this page.

Summary

Destination
s3://mohan-buck1

Succeeded

1 file, 832.0 KB (100.00%)

Failed

0 files, 0 B (0%)

3. One item in my bucket

Amazon S3 > mohan-buck1

mohan-buck1

Objects Properties Permissions Metrics Management Access Points

Objects (1)

Objects are the fundamental entities stored in Amazon S3. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

Refresh

Delete

Actions

Create folder

Upload

Find objects by prefix


< 1 >

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	AWS.docx	docx	February 24, 2021, 12:16:27 (UTC+05:30)	832.0 KB	Standard

4. Edit Block public access and disable Block all public access. Save changes

Edit Block public access (bucket settings)

Block public access (bucket settings)

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to all your S3 buckets and objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to your buckets or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#) 

☐ **Block all public access**

Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.

☐ **Block public access to buckets and objects granted through *new* access control lists (ACLs)**

S3 will block public access permissions applied to newly added buckets or objects, and prevent the creation of new public access ACLs for existing buckets and objects. This setting doesn't change any existing permissions that allow public access to S3 resources using ACLs.

☐ **Block public access to buckets and objects granted through *any* access control lists (ACLs)**

S3 will ignore all ACLs that grant public access to buckets and objects.

☐ **Block public access to buckets and objects granted through *new* public bucket or access point policies**

S3 will block new bucket and access point policies that grant public access to buckets and objects. This setting doesn't change any existing policies that allow public access to S3 resources.

☐ **Block public and cross-account access to buckets and objects through *any* public bucket or access point policies**

S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects.

Cancel

Save changes

✓ Successfully edited Block Public Access settings for bucket.

Amazon S3 > mohan-buck1

mohan-buck1

Objects

Properties

Permissions

Metrics

Management

Access Points

Permissions overview

Access

Objects can be public

5. Adding a folder and adding file in it

mohan-buck1

Objects | Properties | Permissions | Metrics | Management | Access Points

Objects (2)

Refresh

Delete



Actions

Create folder

Upload

Find objects by prefix

< 1 > ⌕

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	 AWS.docx	docx	February 24, 2021, 12:16:27 (UTC+05:30)	832.0 KB	Standard
<input type="checkbox"/>	 Mohan/	Folder	-	-	-

Mohan/

 Copy S3 URI

Objects | Properties

Objects (1)

Refresh

Delete


Actions

Create folder

Upload

Find objects by prefix

< 1 > ⌕

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	 service models.png	png	February 24, 2021, 12:44:14 (UTC+05:30)	437.6 KB	Standard