

Configure AWS S3 (Simple Storage Service) bucket for secure storage, versioning, and access control.

Task 1: To create an S3 bucket

The first screenshot shows the AWS Management Console 'Create bucket' page. The 'AWS Region' is set to 'Europe (Stockholm) eu-north-1'. The 'Bucket type' is 'General purpose'. The 'Bucket name' is 'sharvari-bucket'. The 'Copy settings from existing bucket - optional' section is visible.

The second screenshot shows the 'Successfully created bucket "sharvari-bucket"' confirmation message. Below the message, there is a warning about Object Lock. The 'General purpose buckets' section shows the newly created bucket 'sharvari-bucket' with its details.

Name	AWS Region	Access	Creation date
sharvari-bucket	Europe (Stockholm) eu-north-1	Public read-only	February 2, 2024, 14:24:34

Task 2: Upload an object to your bucket

Upload succeeded
View details below.

Summary

Destination s3://sharvari-bucket	Succeeded 1 file, 543.5 KB (100.00%)	Failed 0 files, 0 B (0%)
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Files and folders

Files and folders (1 Total, 543.5 KB)

Find by name

Name	Folder	Type	Size	Status	Error
DD.pdf	-	application/...	543.5 KB	Succeeded	-

Task 3: Download an object

console.aws.amazon.com/s3/buckets/sharvari-bucket?region=eu-north-1&bucketType=general&tab=objects

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sharvari-bucket

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Objects (1)

Create folder

Upload

Copy S3 URI

Copy URL

Download

Open

Delete

Actions

Find objects by prefix

Show versions

Name	Type	Last modified	Size	Storage class
DD.pdf	pdf	February 2, 2024, 14:29:34 (UTC+05:30)	543.5 KB	Standard

File Explorer

28°C Haze

14:32 02-02-2024

console.aws.amazon.com/s3/buckets/sharvari-bucket?region=eu-north-1&bucketType=general&tab=objects

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Name	Type	Last modified	Size	Storage class
DD.pdf	pdf	February 2, 2024, 14:29:34 (UTC+05:30)	543.5 KB	Standard

Brave

DD (1).pdf
544 KB • Done

28°C Haze

14:32 02-02-2024

Task 4: Copy your object to a folder

The screenshot shows the AWS Management Console interface for creating a new folder in the 'sharvari-bucket'. The left sidebar contains navigation links for Amazon S3 services. The main content area is titled 'Create folder' and includes a warning message about bucket policy restrictions. A form for 'Folder name' is present, with 'sharvari-doc' entered. Below the form, there is a section for 'Server-side encryption'.

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Create folder [Info](#)

Use folders to group objects in buckets. When you create a folder, S3 creates an object using the name that you specify followed by a slash (/). This object then appears as folder on the console. [Learn more](#)

Your bucket policy might block folder creation
If your bucket policy prevents uploading objects without specific tags, metadata, or access control list (ACL) grantees, you will not be able to create a folder using this configuration. Instead, you can use the [upload configuration](#) to upload an empty folder and specify the appropriate settings.

Folder

Folder name
sharvari-doc /
Folder names can't contain "/". [See rules for naming](#)

Server-side encryption [Info](#)
Server-side encryption protects data at rest.

The screenshot shows the AWS Management Console interface for the 'sharvari-bucket'. A green banner at the top indicates that the folder 'sharvari-doc' was successfully created. The 'Objects' tab is selected, showing a list of objects. One object, 'DD.pdf', is visible in the list.

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Successfully created folder "sharvari-doc".

sharvari-bucket [Info](#)

[Objects](#) [Properties](#) [Permissions](#) [Metrics](#) [Management](#) [Access Points](#)

Objects (2) [Info](#)

[Refresh](#) [Copy S3 URI](#) [Copy URL](#) [Download](#) [Open](#) [Delete](#) [Actions](#)

[Create folder](#) [Upload](#)

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

☐ Show versions < 1 > [Settings](#)

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	DD.pdf	pdf	February 2, 2024, 14:29:34 (UTC+05:30)	543.5 KB	Standard

console.aws.amazon.com/s3/buckets/sharvari-bucket/object/copy?region=eu-north-1&bucketType=general&showversions=false

Destination

Destination type

- ☒ General purpose bucket
- ☐ Directory bucket
- ☐ Access Point

Destination

s3://sharvari-bucket/sharvari-doc/

View [View](#) [Browse S3](#)

Format: s3://bucket/prefix

Destination bucket name

sharvari-bucket

Destination prefix

sharvari-doc/

Destination details

The following bucket settings impact new objects stored in the specified destination.

Bucket Versioning

When enabled, multiple variants of an object can be stored in the bucket to easily recover from unintended user actions and application failures. [Learn more](#)

Default encryption type

Bucket settings for default encryption are automatically applied to any specified object that is unencrypted.

Object Lock

When enabled, objects in this bucket might be prevented from being deleted or overwritten for a fixed amount of time or indefinitely. [Learn more](#)

console.aws.amazon.com/s3/buckets/sharvari-bucket/object/copy?region=eu-north-1&bucketType=general&showversions=false

Successfully copied objects

View details below. To view successfully copied objects, go to the [specified destination](#).

Summary

Source	Successfully copied	Failed to copy
s3://sharvari-bucket	1 object, 543.5 KB	0 objects

Failed to copy Configuration

Failed to copy (0)

Find objects by name

Name	Folder	Type	Last modified	Size	Error
No objects failed to copy.					

Task 5: Delete your objects and bucket

The screenshot shows the AWS Management Console interface. At the top, a green banner indicates "Successfully emptied bucket 'sharvari-bucket'" with a message: "View details below. If you want to delete this bucket, use the [delete bucket configuration](#)." Below this, the page title is "Empty bucket: status". A light blue box contains a warning: "The details below are no longer available after you navigate away from this page." The "Summary" section shows the source as "s3://sharvari-bucket", with "Successfully deleted" status showing "3 objects, 1.1 MB" and "Failed to delete" showing "0 objects". The "Failed to delete (0)" section has a search bar and a table with columns: Name, Prefix, Version ID, Type, Last modified, Size, and Error. The table is empty, and a message below it says "No failed object deletions". The bottom of the console shows a Windows taskbar with various application icons and a system tray with the date "02-02-2024" and time "14:41".

The screenshot shows the AWS Management Console interface for the "Delete bucket" page. The breadcrumb navigation shows "Amazon S3 > Buckets > sharvari-bucket > Delete bucket". The page title is "Delete bucket" with an "Info" link. A yellow warning box contains the following text: "Deleting a bucket cannot be undone. Bucket names are unique. If you delete a bucket, another AWS user can use the name. If this bucket is used with a Multi-Region Access Point in an external account, initiate failover before deleting the bucket. If this bucket is used with an access point in an external account, the requests made through those access points will fail after you delete this bucket. [Learn more](#)". Below this, the section "Delete bucket 'sharvari-bucket'?" contains a confirmation message: "To confirm deletion, enter the name of the bucket in the text input field." A text input field contains the text "sharvari-bucket". At the bottom, there are "Cancel" and "Delete bucket" buttons. The footer of the console shows "CloudShell", "Feedback", and copyright information: "© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences".

