

AWS Cloud Practical

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1. Versioning of objects in S3 bucket

The screenshot shows the 'Create bucket' wizard in the AWS S3 console. The top navigation bar includes 'Amazon S3 > Buckets > Create bucket'. The main section is titled 'Create bucket' with a 'Info' link. A sub-section 'General configuration' is shown. Under 'AWS Region', 'Europe (Stockholm) eu-north-1' is selected. The 'Bucket type' section contains two options: 'General purpose' (selected) and 'Directory'. The 'Bucket name' field is set to 's3-demo-bucket'. Below it, a note states: 'Bucket names must be 3 to 63 characters and unique within the global namespace. Bucket names must also begin and end with a letter or number. Valid characters are a-z, 0-9, periods (.), and hyphens (-). [Learn more](#)'.

- Enable the Bucket Versioning during creation of S3 bucket

The screenshot shows the 'Create bucket' wizard in the AWS S3 console. The top navigation bar includes 'Amazon S3 > Buckets > Create bucket'. The main section is titled 'Bucket Versioning'. A note explains: 'Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. [Learn more](#)'. The 'Bucket Versioning' section contains two options: 'Disable' (unchecked) and 'Enable' (checked).

s3-dmos-bucket Info

Objects

Metadata

Properties

Permissions

Metrics

Management

Access Points

Objects (0)



Copy S3 URI



Download



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](#)

Find objects by prefix

Show versions

< 1 > |

Name

▲ Type

▼ Last modified

▼ Size

▼ Storage class

No objects

You don't have any objects in this bucket.

Upload

- Upload the sample.txt file into that S3 bucket
- Then upload the same file (or edited) again with the same name in the same S3 bucket.

Upload succeeded

For more information, see the [Files and folders](#) table.

X

Upload: status

[Close](#)

After you navigate away from this page, the following information is no longer available.

Summary

Destination

s3://s3-dmos-bucket

Succeeded

1 file, 571.0 B (100.00%)

Failed

0 files, 0 B (0%)

[Files and folders](#)

[Configuration](#)

Files and folders (1 total, 571.0 B)

Find by name

< 1 >

Name	Folder	Type	Size	Status	Error
Sample.txt	-	text/plain	571.0 B	Succeeded	-

- Then you will see the different versions of the same file in the S3 bucket.

The screenshot shows the AWS S3 console interface. At the top, the navigation path is: Amazon S3 > Buckets > s3-dmos-bucket > Sample.txt.txt. Below the path, the object name "Sample.txt.txt" is displayed with an "Info" link. To the right are buttons for "Copy S3 URI", "Download", "Open", and "Object actions". Below these buttons are tabs for "Properties", "Permissions", and "Versions", with "Versions" being the active tab. Under the "Versions" tab, the heading "Versions (2)" is shown, along with a row of buttons: "Download", "Open", "Delete", and "Actions". A table lists two versions of the file:

	Version ID	Type	Last modified	Size	Storage class
<input type="checkbox"/>	5T0iGLFZUw60b6Z2oilcZ... (Current version)	txt	January 6, 2026, 15:21:23 (UTC+05:30)	571.0 B	Standard
<input type="checkbox"/>	.GbFZ1yAlfuA6mihWV...	txt	January 6, 2026, 15:18:03 (UTC+05:30)	571.0 B	Standard

- Versioning protects data from accidental deletion or overwrite.