

2]Getting Started with Amazon Simple Storage Service(S3)

The screenshot shows the Amazon S3 Management Console in Microsoft Edge. The browser address bar displays the URL: `https://s3.console.aws.amazon.com/s3/buckets?region=us-east-2`. A green notification banner at the top states: "Successfully created bucket 'website-32706663'. To upload files and folders, or to configure additional bucket settings choose View details." Below this, the "Amazon S3 > Buckets" breadcrumb is visible. The "Account snapshot" section shows storage and object counts as "Pending". The "Buckets (1) Info" section includes a "Create bucket" button and a table listing the bucket "website-32706663" in the "US East (Ohio) us-east-2" region, with a creation date of "July 25, 2023, 14:48:03 (UTC+05:30)". The table also indicates that "Objects can be public".

Name	AWS Region	Access	Creation date
website-32706663	US East (Ohio) us-east-2	Objects can be public	July 25, 2023, 14:48:03 (UTC+05:30)

The screenshot shows the "Permissions overview" page for the bucket "website-32706663". The browser address bar displays the URL: `https://s3.console.aws.amazon.com/s3/buckets/website-32706663?region=us-east-2&tab=permissions`. A green notification banner at the top states: "Successfully edited bucket policy." The "Permissions overview" section shows the "Access" setting as "Objects can be public". The "Block public access (bucket settings)" section explains that public access is granted through ACLs, bucket policies, and access point policies, and provides an "Edit" button to configure these 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](#)

[Edit](#)

S3 Management Console - Profile 1 - Microsoft Edge

https://s3.console.aws.amazon.com/s3/upload/website-32706663?region=us-east-2

awsServicesSearch[Alt+S]

GloLabUserRole/LabUserIod327066

Upload succeeded
View details below.

Upload: status

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

Summary

Destination
s3://website-32706663

Succeeded
1 file, 17.0 B (100.00%)

Failed
0 files, 0 B (0%)

Files and folders

Configuration

Files and folders (1 Total, 17.0 B)

Find by name

Name	Folder	Type	Size	Status	Error
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S3 Management Console - Profile 1 - Microsoft Edge

https://s3.console.aws.amazon.com/s3/management/logfiles-32706663/lifecycle?region=us-east-2

awsServicesSearch[Alt+S]

GloLabUserRole/LabUserIod327066

The lifecycle configuration was updated. Lifecycle rule "Archive logs" was successfully added.
It may take some time for the configuration to be updated. Press the refresh button if changes to the rule are not displayed.

Lifecycle configuration

To manage your objects so that they are stored cost effectively throughout their lifecycle, configure their lifecycle. A lifecycle configuration is a set of rules that define actions that Amazon S3 applies to a group of objects. Lifecycle rules run once per day.

Lifecycle rules (1)

Use lifecycle rules to define actions you want Amazon S3 to take during an object's lifetime such as transitioning objects to another storage class, archiving them, or deleting them after a specified period of time. [Learn more](#)

View details

Edit

Delete

Actions

Create lifecycle rule

Find lifecycle rules by name

Status	Scope	Current version actions	Noncurrent versions actions	Expired object delete markers	Incomplete multipart uploads
Enabled	Entire bucket	Transition to Glacier Instant Retrieval	-	-	-

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S3 Management Console - Profile 1 - Microsoft Edge

https://s3.console.aws.amazon.com/s3/buckets?region=us-east-2

aws Services Search [Alt+S] LabUserRole/LabUserIod3270666

Successfully created bucket "uploads-32706663" To upload files and folders, or to configure additional bucket settings choose [View details](#).

Amazon S3 > Buckets

Account snapshot
Storage lens provides visibility into storage usage and activity trends. [Learn more](#) [View Storage Lens dashboard](#)

Total storage Pending
Object count Pending
Average object size Pending
You can enable advanced metrics in the "default-account-dashboard" configuration.

Buckets (3) [Info](#)
Buckets are containers for data stored in S3. [Learn more](#)

[Refresh](#) [Copy content](#) [Empty](#) [Delete](#) [Create bucket](#)

Name	AWS Region	Access	Creation date
logfiles-32706663	US East (Ohio) us-east-2	Bucket and objects not public	July 25, 2023, 15:00:11

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uploads-32706663 - S3 bucket - Profile 1 - Microsoft Edge

https://s3.console.aws.amazon.com/s3/buckets/uploads-32706663?region=us-east-2&tab=properties

aws Services Search [Alt+S] LabUserRole/LabUserIod3270666

Successfully edited server access logging.

Amazon S3 > Buckets > uploads-32706663

uploads-32706663 [Info](#)

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

Bucket overview

AWS Region US East (Ohio) us-east-2	Amazon Resource Name (ARN) arn:aws:s3:::uploads-32706663	Creation date July 25, 2023, 15:03:42 (UTC+05:30)
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Bucket Versioning
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](#)

[Edit](#)

Bucket Versioning
Enabled

Multi-factor authentication (MFA) delete

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Details | Topics | Amazon SNS - Profile 1 - Microsoft Edge

https://us-east-2.console.aws.amazon.com/sns/v3/home?region=us-east-2#/topic/arn:aws:sns:us-east-2:292028814531:Uplo

aws

Services

Search

[Alt+S]

Oh

LabUserRole/LabUserIod327066

Amazon SNS

Dashboard

Topics

Subscriptions

Mobile

Push notifications

Text messaging (SMS)

Origination numbers

Topic Upload_notification created successfully.

You can create subscriptions and send messages to them from this topic.

Publish message

Amazon SNS > Topics > Upload_notification

Upload_notification

EditDeletePublish message

Details

Name

Upload_notification

ARN

arn:aws:sns:us-east-2:292028814531:Upload_notification

Type

Standard

Display name

-

Topic owner

292028814531

<

Subscriptions

Access policy

Data protection policy

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Details | Subscriptions | Amazon SNS - Profile 1 - Microsoft Edge

https://us-east-2.console.aws.amazon.com/sns/v3/home?region=us-east-2#/subscription/arn:aws:sns:us-east-2:292028814531:Upload_notification:4c2a8a63-befd-443e-b557-6bbc8e6e97c3

aws

Services

Search

[Alt+S]

Oh

LabUserRole/LabUserIod327066

Amazon SNS

Dashboard

Topics

Subscriptions

Mobile

Push notifications

Text messaging (SMS)

Origination numbers

View origination numbers

Subscription to Upload_notification created successfully.

The ARN of the subscription is arn:aws:sns:us-east-2:292028814531:Upload_notification:4c2a8a63-befd-443e-b557-6bbc8e6e97c3.

Amazon SNS > Topics > Upload_notification >

Subscription: 4c2a8a63-befd-443e-b557-6bbc8e6e97c3

Subscription: 4c2a8a63-befd-443e-b557-6bbc8e6e97c3

EditDelete

Details

ARN

arn:aws:sns:us-east-2:292028814531:Upload_notification:4c2a8a63-befd-443e-b557-6bbc8e6e97c3

Endpoint

priyasanpriyasan6874@gmail.com

Status

Pending confirmation

Protocol

EMAIL

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logfiles-32706663 - S3 bucket - Profile 1 - Microsoft Edge

https://s3.console.aws.amazon.com/s3/buckets/logfiles-32706663?region=us-east-2&tab=properties

awsServicesSearch[Alt+S]

GloLabUserRole/LabUserIod327066

☑️ Successfully created event notification "UploadsNotification".
Operation successfully completed.

Amazon S3 > Buckets > logfiles-32706663

logfiles-32706663 Info

ObjectsPropertiesPermissionsMetricsManagementAccess Points

Bucket overview

AWS Region US East (Ohio) us-east-2	Amazon Resource Name (ARN) arn:aws:s3:::logfiles-32706663	Creation date July 25, 2023, 15:00:11 (UTC+05:30)
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Bucket Versioning

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](#)

Edit

Bucket Versioning
Disabled

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S3 Management Console - Profile 1 - Microsoft Edge

https://s3.console.aws.amazon.com/s3/upload/uploads-32706663?region=us-east-2

awsServicesSearch[Alt+S]

GloLabUserRole/LabUserIod327066

☑️ Upload succeeded
View details below.

Upload: status

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

Summary

Destination s3://uploads-32706663	Succeeded 1 file, 3.0 B (100.00%)	Failed 0 files, 0 B (0%)
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Files and folders

Configuration

Files and folders (1 Total, 3.0 B)

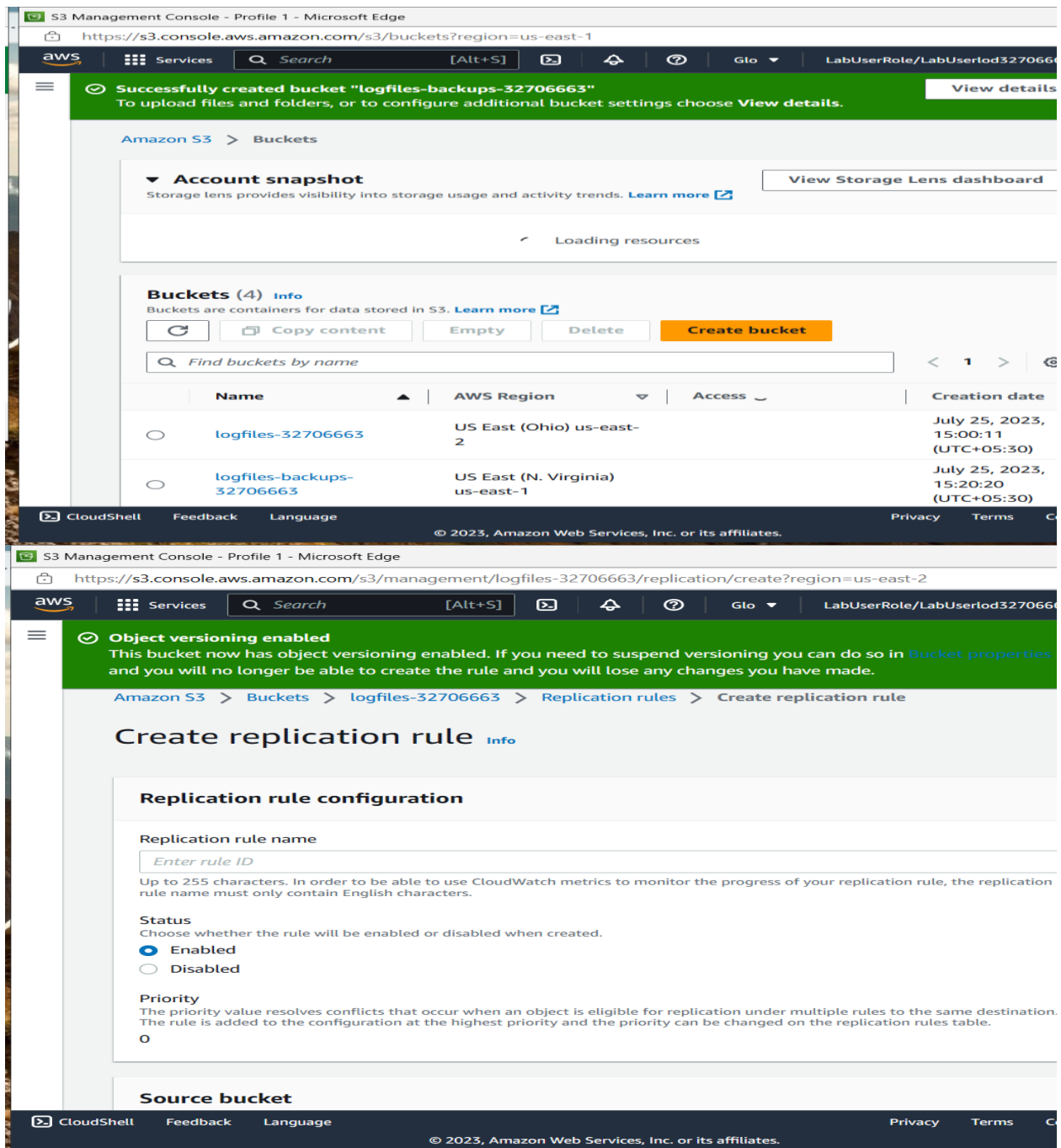
Find by name

Name	Folder	Type	Size	Status	Error
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S3 Management Console - Profile 1 - Microsoft Edge

https://s3.console.aws.amazon.com/s3/management/logfiles-32706663/replication/create?region=us-east-2

aws Services Search [Alt+S] Glo LabUserRole/LabUserIod3270666

Object versioning enabled

This bucket now has object versioning enabled. If you need to suspend versioning you can do so in [Bucket properties](#) and you will no longer be able to create the rule and you will lose any changes you have made.

Destination

You can replicate objects across buckets in different AWS Regions (Cross-Region Replication) or you can replicate objects across buckets in the same AWS Region (Same-Region Replication). You can also specify a different bucket for each rule in the configuration. [Learn more](#) or see [Amazon S3 pricing](#).

☒ Choose a bucket in this account

☐ Specify a bucket in another account

Bucket name

Choose the bucket that will receive replicated objects.

logfiles-backups-32706663 [Browse S3](#)

Object versioning enabled

This bucket now has object versioning enabled. If you need to suspend versioning you can do so in [Bucket properties](#) and you will no longer be able to use it as a destination bucket for this rule.

Destination Region

US East (N. Virginia) us-east-1

IAM role

☒ Choose from existing IAM roles

☐ Enter IAM role ARN

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S3 Management Console - Profile 1 - Microsoft Edge

https://s3.console.aws.amazon.com/s3/management/logfiles-32706663/replication?region=us-east-2

aws Services Search [Alt+S] Glo LabUserRole/LabUserIod3270666

Replication configuration successfully updated

If changes to the configuration aren't displayed, choose the refresh button. Changes apply only to new objects. To replicate existing objects with this configuration, choose [Create replication job](#).

[Amazon S3](#) > [Buckets](#) > [logfiles-32706663](#) > [Replication rules](#)

Replication rules [Info](#)

Replication enables automatic and asynchronous copying of objects across buckets in the same or different AWS Region. A replication configuration is a set of rules that define what options should be applied to a group of objects during replication.

[Create replication job](#) [Edit](#)

Replication configuration settings

Configuration settings affect all replication rules in the bucket.

Source bucket	IAM role
logfiles-32706663	S3ReplicationRole-32706663
Source Region	
US East (Ohio) us-east-2	

Replication rules (1)

Use replication rules to define options you want Amazon S3 to apply during replication such as server-side encryption, replica ownership, transitioning replicas to another storage class, and more. [Learn more](#)

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https://s3.console.aws.amazon.com/s3/management/logfiles-32706663/replication?region=us-east-2

aws

Services

Search

[Alt+S]

Global

LabUserRole/LabUserIod32706663 @ 2920-2881-4531

Replication configuration successfully updated

If changes to the configuration aren't displayed, choose the refresh button. Changes apply only to new objects. To replicate existing objects with this configuration, choose **Create replication job**.

Create replication job

Source bucket

logfiles-32706663

Source Region

US East (Ohio) us-east-2

IAM role

[S3ReplicationRole-32706663](#)

Replication rules (1)

Use replication rules to define options you want Amazon S3 to apply during replication such as server-side encryption, replica ownership, transitioning replicas to another storage class, and more. [Learn more](#)

Refresh

View details

Edit rule

Delete

Actions

Create replication rule

< 1 >

Settings

Replication rule name	Status	Destination bucket	Destination Region	Priority	Scope	Storage class	Replica owner	Replication Time Control	KMS-encrypted objects (SSE-KMS or DSSE-KMS)	Replica modification sync
<input type="radio"/> LogfilesBackups	Enabled	s3://logfiles-backups-32706663	US East (N. Virginia) us-east-1	0	Entire bucket	Same as source	Same as source	Disabled	Do not replicate	Disabled

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