

s3 replication

- same region replication (SRR)

The screenshot shows the AWS S3 console interface for creating a new bucket. The browser tabs include Microsoft Office Home, Email - Hareesh Pathipati, S3 bucket, IAM Management Console, and a URL for the S3 console. The page title is "Buckets are containers for data stored in S3. Learn more".

General configuration

Bucket name:

AWS Region:

Copy settings from existing bucket - optional
Only the bucket settings in the following configuration are copied.

Object Ownership [info](#)

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

☒ **ACLs disabled (recommended)**
All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.

☐ **ACLs enabled**
Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs.

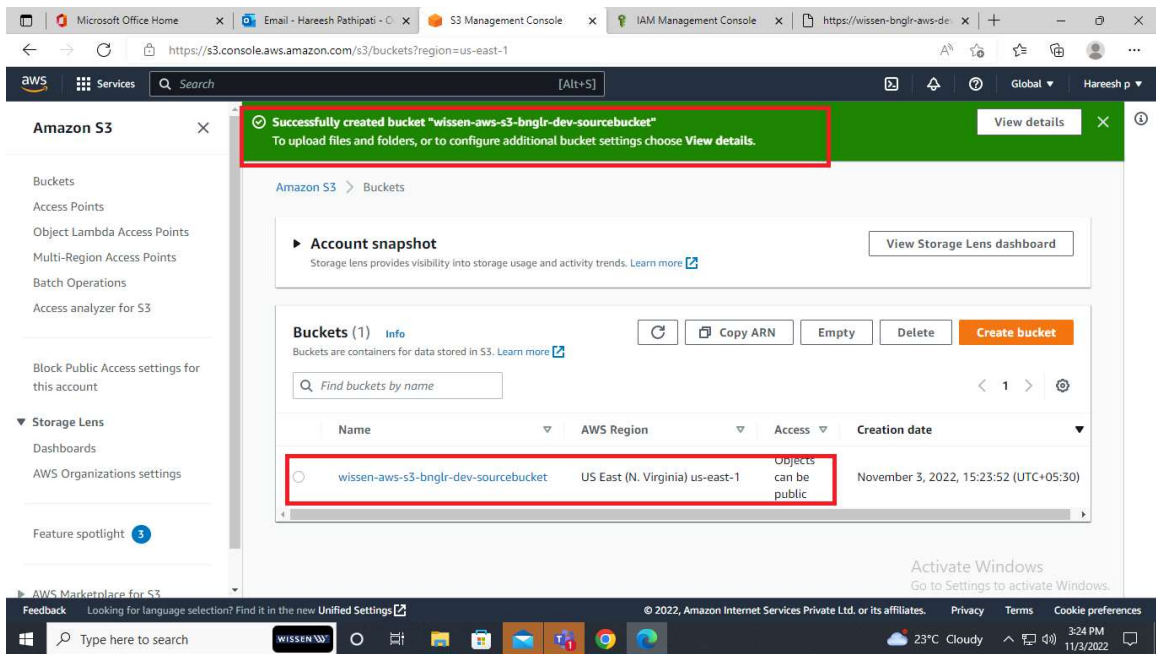
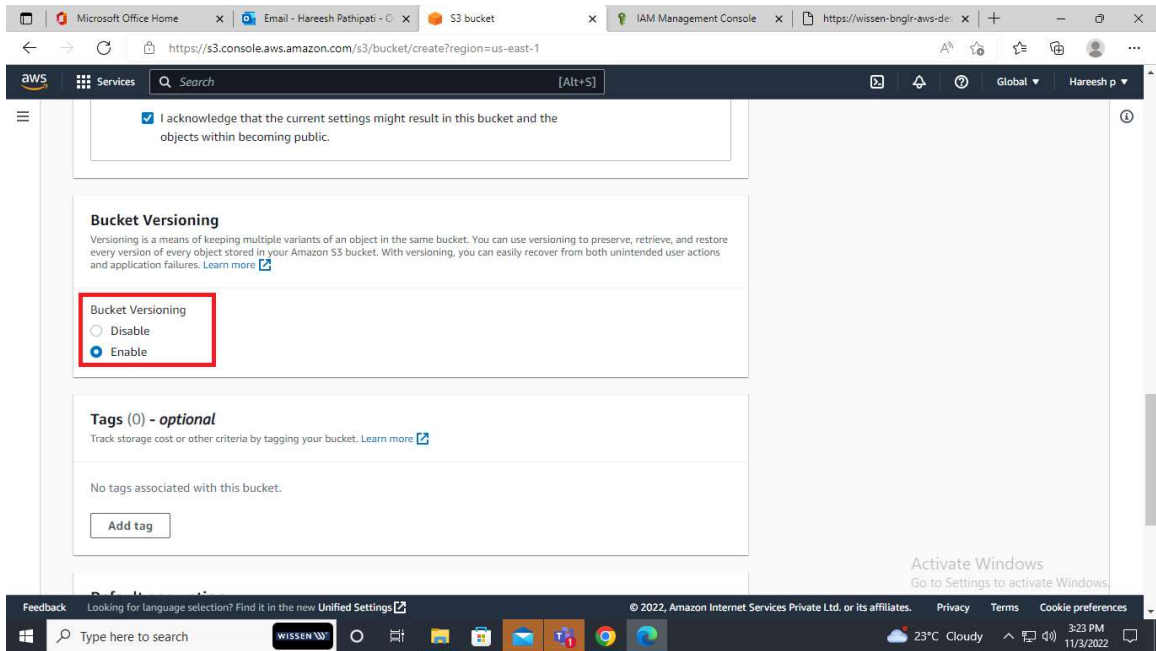
Object Ownership

☒ **Bucket owner preferred**
If new objects written to this bucket specify the bucket-owner-full-control canned ACL, they are owned by the bucket owner. Otherwise, they are owned by the object writer.

☐ **Object writer**
The object writer remains the object owner.

Block Public Access settings for this bucket

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 this bucket and its 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



Microsoft Office Home | Email - Hareesh Pathipati - C | S3 Management Console | IAM Management Console | https://wissen-bnglr-aws-de | +

← → ↻ 🔍 https://s3.console.aws.amazon.com/s3/buckets?region=us-east-1

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Amazon S3

Buckets
Access Points
Object Lambda Access Points
Multi-Region Access Points
Batch Operations
Access analyzer for S3

Block Public Access settings for this account

▼ Storage Lens
Dashboards
AWS Organizations settings

Feature spotlight 3

Successfully created bucket "wissen-aws-s3-bnglr-dev-destinationbucket-dnd"
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](#)

Buckets (2) Info [Copy ARN](#) [Empty](#) [Delete](#) [Create bucket](#)
Buckets are containers for data stored in S3. [Learn more](#)

Find buckets by name

Name	AWS Region	Access	Creation date
<input type="radio"/> wissen-aws-s3-bnglr-dev-destinationbucket-dnd	US East (N. Virginia) us-east-1	Objects can be public	November 3, 2022, 15:25:20 (U
<input type="radio"/> wissen-aws-s3-bnglr-dev-sourcebucket	US East (N. Virginia) us-east-1	Objects can be public	November 3, 2022, 15:23:52 (U

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Microsoft Office Home | Email - Hareesh Pathipati - C | S3 Management Console | IAM Management Console | https://wissen-bnglr-aws-de | +

← → ↻ 🔍 https://s3.console.aws.amazon.com/s3/upload/wissen-aws-s3-bnglr-dev-sourcebucket?region=us-east-1

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Files and folders (1 total, 11.0 B)
All files and folders in this table will be uploaded.

Find by name

Name	Folder	Type	Size
<input type="checkbox"/> hello.txt	-	text/plain	11.0 B

Destination

Destination
`s3://wissen-aws-s3-bnglr-dev-sourcebucket`

► **Destination details**
Bucket settings that impact new objects stored in the specified destination.

► **Permissions**
Grant public access and access to other AWS accounts.

► **Properties**
Specify storage class, encryption settings, tags, and more.

[Cancel](#) [Upload](#)

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← → ↻ https://s3.console.aws.amazon.com/s3/management/wissen-aws-s3-bnglr-dev-sourcebucket/replication/create?region=us-east-1

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Amazon S3 > Buckets > wissen-aws-s3-bnglr-dev-sourcebucket > Replication rules > Create replication rule

Create replication rule

Replication rule configuration

Replication rule name

sameregionreplication

Up to 255 characters. In order to be able to use CloudWatch metrics to monitor the progress of your replication rule, the replication rule name must only contain English characters.

Status

Choose whether the rule will be enabled or disabled when created.

☒ Enabled

☐ Disabled

Priority

The priority value resolves conflicts that occur when an object is eligible for replication under multiple rules to the same destination. The rule is added to the configuration at the highest priority and the priority can be changed on the replication rules table.

0

Source bucket

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Microsoft Office Home | Email - Hareesh Pathipati | S3 Management Console | IAM Management Console | https://wissen-bnglr-aws-de | + -

← → ↻ https://s3.console.aws.amazon.com/s3/management/wissen-aws-s3-bnglr-dev-sourcebucket/replication/create?region=us-east-1

Limit the scope of this rule using one or more filters

☒ Apply to all objects in the bucket

Destination

Choose a bucket

S3 Buckets

Buckets (2)

Find buckets by name

Name	AWS Region
<input checked="" type="radio"/> wissen-aws-s3-bnglr-dev-destinationbucket-dnd	US East (N. Virginia) us-east-1
<input type="radio"/> wissen-aws-s3-bnglr-dev-sourcebucket	US East (N. Virginia) us-east-1

Cancel Choose path

Choose from existing IAM roles

Enter IAM role ARN

IAM role

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The screenshot shows the AWS S3 console interface. At the top, a green notification bar states: "Replication configuration successfully updated. Press the refresh button if changes to the configuration are not displayed." Below this, the "wissen-aws-s3-bnglr-dev-sourcebucket" is listed with its source region as "US East (N. Virginia) us-east-1". The "Replication rules (1)" section shows a table with one rule:

Replication rule name	Status	Destination bucket	Destination Region	Priority	Scope	Storage class	Replica owner	Replication Time Control
○ sameregionreplication	Enabled	s3://wissen-aws-s3-bnglr-dev-destinationbucket-dnd	US East (N. Virginia) us-east-1	0	Entire bucket	Same as source	Same as source	Disabled

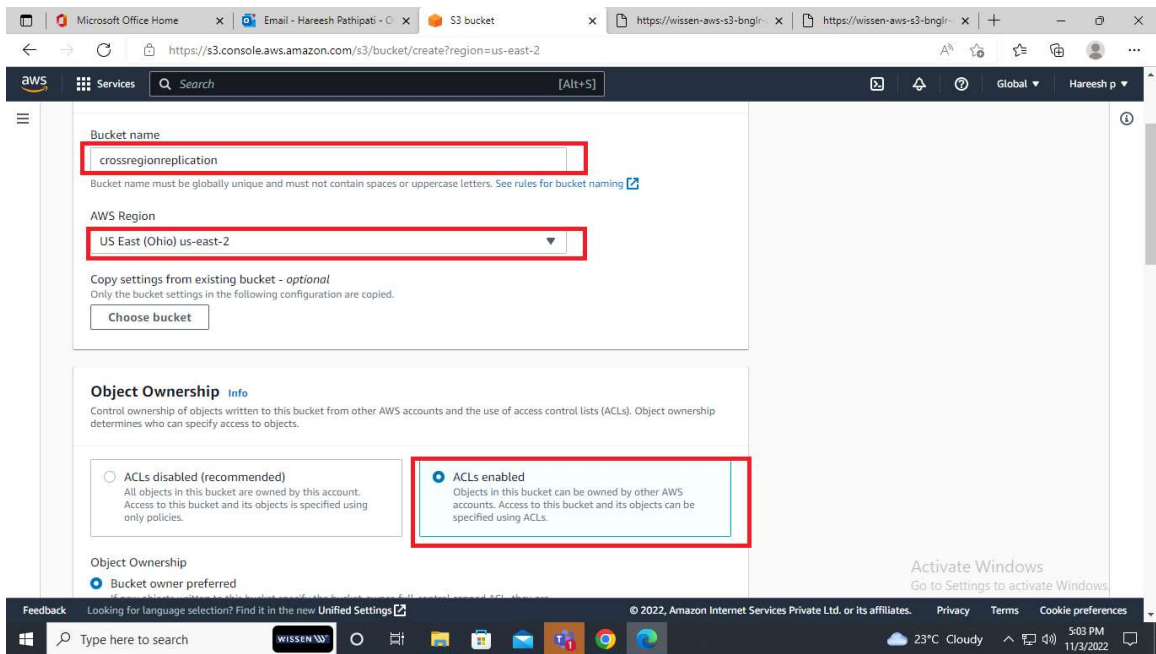
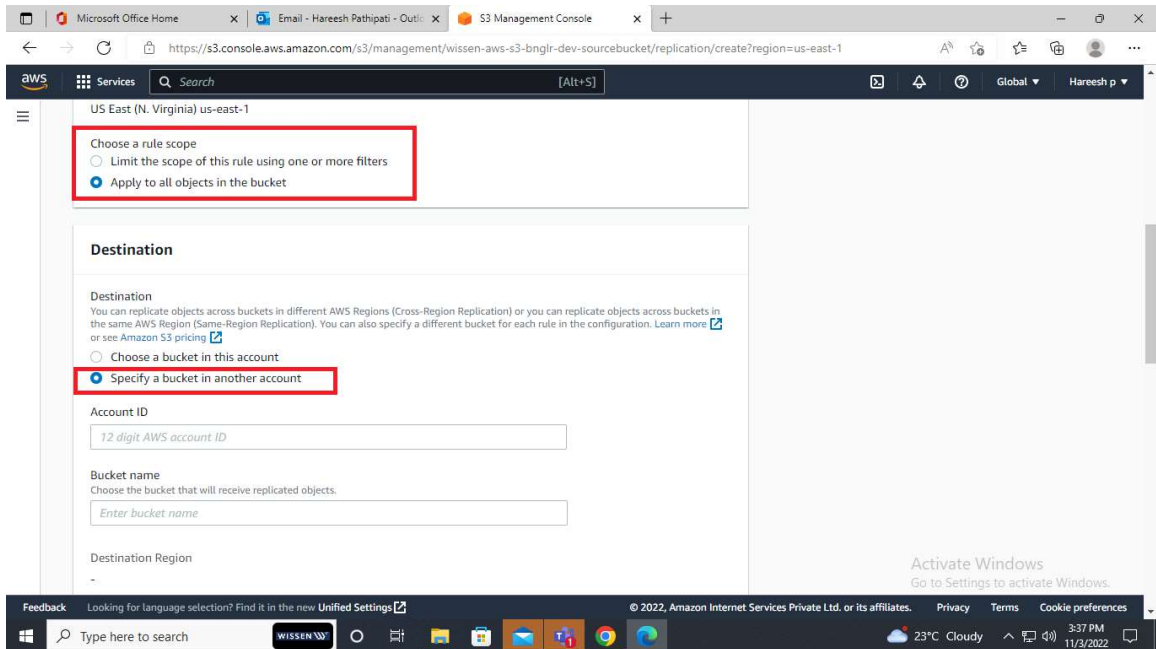
The "sameregionreplication" rule name is highlighted with a red box. The bottom of the screen shows the Windows taskbar with the date and time as 3:28 PM on 11/3/2022.

The screenshot shows the AWS S3 console interface for the bucket "wissen-aws-s3-bnglr-dev-destinationbucket-dnd". The bucket name is highlighted with a red box. The "Objects (2)" section shows a table with two objects:

Name	Type	Last modified	Size	Storage class
hello.txt	txt	November 3, 2022, 15:26:14 (UTC+05:30)	11.0 B	Standard
job-dcf3f176-6cac-4f49-8c5d-e210e07bba8e/	Folder	-	-	-

The "hello.txt" object is highlighted with a red box. The bottom of the screen shows the Windows taskbar with the date and time as 3:35 PM on 11/3/2022.

- Cross region replication (CRR)



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

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Amazon S3

- Buckets
- Access Points
- Object Lambda Access Points
- Multi-Region Access Points
- Batch Operations
- Access analyzer for S3

Block Public Access settings for this account

▼ Storage Lens

- Dashboards
- AWS Organizations settings

Feature spotlight 3

Successfully created bucket "aws-wissen-s3-crrbucket"
To upload files and folders, or to configure additional bucket settings choose [View details](#).

Amazon S3 > Buckets

► **Account snapshot**
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Buckets (3) Info [Copy ARN](#) [Empty](#) [Delete](#) [Create bucket](#)

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

Find buckets by name

Name	AWS Region	Access	Creation date
aws-wissen-s3-crrbucket	US East (Ohio) us-east-2	Objects can be public	November 3, 2022, 17:04:39 (U
wissen-aws-s3-bnglr-dev-destinationbucket-dnd	US East (N. Virginia) us-east-1	Objects can be public	November 3, 2022, 15:25:20 (U

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← → ↻ 🔍 https://s3.console.aws.amazon.com/s3/upload/aws-wissen-s3-crrbucket?region=us-east-2

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Files and folders (1 Total, 26.8 KB)
All files and folders in this table will be uploaded.

Find by name

Name	Folder	Type	Size
axis bank.png	-	image/png	26.8 KB

Destination

Destination
s3://aws-wissen-s3-crrbucket

► **Destination details**
Bucket settings that impact new objects stored in the specified destination.

► **Permissions**
Grant public access and access to other AWS accounts.

► **Properties**
Specify storage class, encryption settings, tags, and more.

[Cancel](#) [Upload](#)

Activate Windows
Go to Settings to activate Windows.

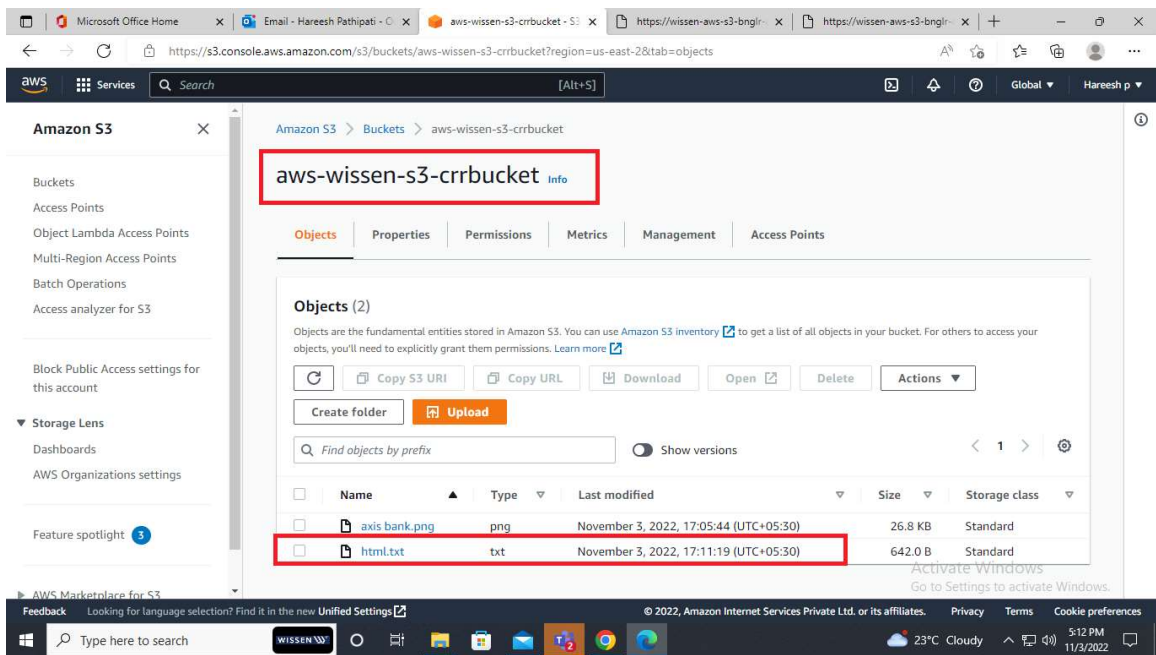
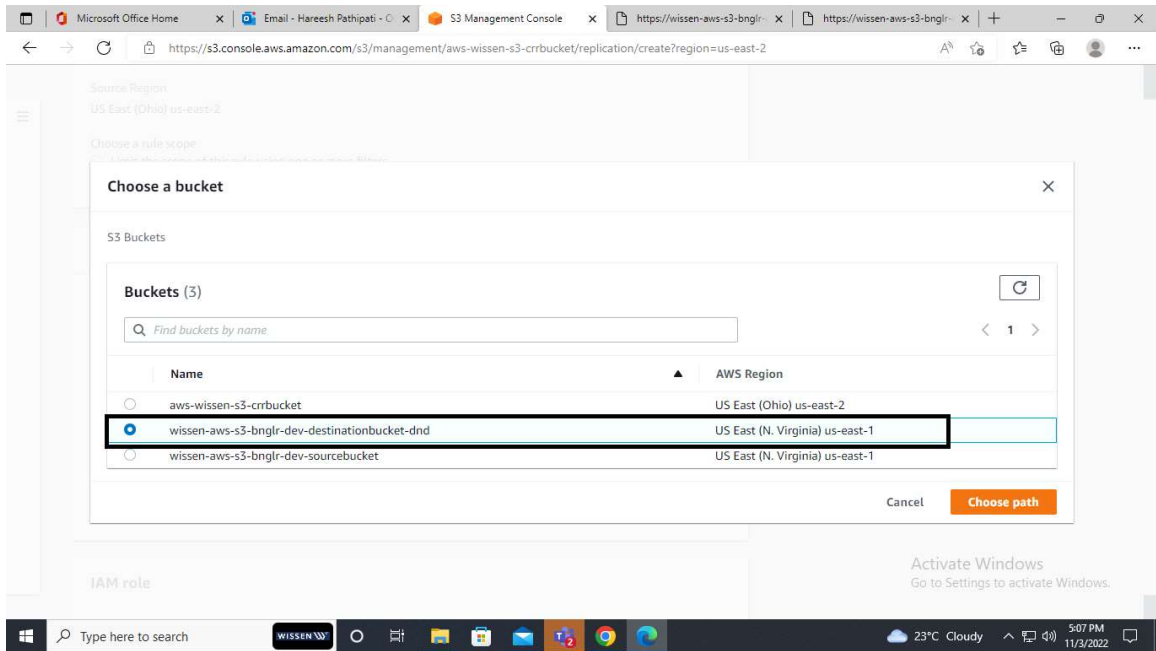
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← → ↻ 🔍 https://s3.console.aws.amazon.com/s3/buckets/wissen-aws-s3-bnglr-dev-destinationbucket-dnd?region=us-east-1&tab=objects

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Amazon S3 X

Buckets

- Access Points
- Object Lambda Access Points
- Multi-Region Access Points
- Batch Operations
- Access analyzer for S3

Block Public Access settings for this account

▼ **Storage Lens**

- Dashboards
- AWS Organizations settings

Feature spotlight 3

Amazon S3 > Buckets > wissen-aws-s3-bnglr-dev-destinationbucket-dnd

wissen-aws-s3-bnglr-dev-destinationbucket-dnd Info

Objects Properties Permissions Metrics Management Access Points

Objects (3)

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](#)

🔄 Copy S3 URI Copy URL Download Open Delete Actions

Create folder Upload

Find objects by prefix Show versions < 1 > ⚙

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	hello.txt	txt	November 3, 2022, 15:26:14 (UTC+05:30)	11.0 B	Standard
<input type="checkbox"/>	html.txt	txt	November 3, 2022, 17:11:19 (UTC+05:30)	642.0 B	Standard

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