

Amazon S3 console screenshot showing the Buckets (2) section. The interface includes a left sidebar with navigation options like Buckets, Access Points, and Storage Lens. The main content area displays a table of buckets with columns for Name, AWS Region, Access, and Creation date. Two buckets are listed: 'codepipeline-us-east-1-923753404520' and 'my-unique-identifier-bucket'. The 'my-unique-identifier-bucket' is highlighted in blue. The table shows that both buckets are in the US East (N. Virginia) region. The 'codepipeline-us-east-1-923753404520' bucket has 'Bucket and objects not public' access, while the 'my-unique-identifier-bucket' has 'Objects can be public' access. The creation date for the first bucket is October 11, 2023, and for the second bucket is November 8, 2023.

Name	AWS Region	Access	Creation date
codepipeline-us-east-1-923753404520	US East (N. Virginia) us-east-1	Bucket and objects not public	October 11, 2023, 22:15:07 (UTC+05:30)
my-unique-identifier-bucket	US East (N. Virginia) us-east-1	Objects can be public	November 8, 2023, 12:34:03 (UTC+05:30)

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S3 Bucket Creation Pro

Create S3 bucket | S3

s3.console.aws.amazon.com/s3/bucket/create?region=us-east-1

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

General configuration

Bucket name

my-unique-identifier-bucket

Bucket name must be unique within the global namespace and follow the bucket naming rules. [See rules for bucket naming](#)

AWS Region

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

Copy settings from existing bucket - optional

Only the bucket settings in the following configuration are copied.

Choose bucket

Object Ownership

[Info](#)

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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.

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](#)

Bucket Versioning

☐ Disable

☒ Enable

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EC2

Amazon S3 > Buckets > my-unique-identifier-bucket

my-unique-identifier-bucket

Info

Objects

Properties

Permissions

Metrics

Management

Access Points

Bucket overview

AWS Region	Amazon Resource Name (ARN)	Creation date
US East (N. Virginia) us-east-1	arn:aws:s3:::my-unique-identifier-bucket	November 8, 2023, 12:34:03 (UTC+05:30)

Bucket Versioning

Edit

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

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S3

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CloudFormation

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EC2

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Edit

Block all public access

🟢 On

▶ Individual Block Public Access settings for this bucket

Bucket policy

Edit

Delete

The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts. [Learn more](#)

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Public access is blocked because Block Public Access settings are turned on for this bucket

To determine which settings are turned on, check your Block Public Access settings for this bucket. Learn more about [using Amazon S3 Block Public Access](#)

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Upload objects - 5 x

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Upload succeeded
View details below.

Upload: status

Close

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

Summary

Destination s3://my-unique-identifier-bucket	Succeeded ✔ 1 file, 42.9 KB (100.00%)	Failed ✖ 0 files, 0 B (0%)
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Files and folders

Configuration

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Amazon S3 > Buckets > my-unique-identifier-bucket

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my-unique-identifier-bucket [Info](#)

Objects

Properties

Permissions

Metrics

Management

Access Points

Objects (1)

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](#)

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Delete

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CodeBuild

S3

Elastic Container Registry

CloudFormation

Elastic Beanstalk

Elastic Kubernetes Service

CloudFront

EC2

my-unique-identifier-bucket

Info

🔍

Objects

Properties

Permissions

Metrics

Management

Access Points

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Object overview

Owner	praj68	S3 URI	s3://my-unique-identifier-bucket/AWS fundamentals Assignments -2.pdf
AWS Region	US East (N. Virginia) us-east-1	Amazon Resource Name (ARN)	arn:aws:s3:::my-unique-identifier-bucket/AWS fundamentals Assignments -2.pdf
Last modified	November 8, 2023, 12:40:41 (UTC+05:30)	Entity tag (Etag)	71e2529458a356e407b3bb4b7d43e319
Size	42.9 KB	Object URL	https://my-unique-identifier-bucket.s3.amazonaws.com/AWS+fundamentals+Assignments+-2.pdf
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Navigation bar: CodeCommit, CodeBuild, S3, Elastic Container Registry, CloudFormation, Elastic Beanstalk, Elastic Kubernetes Service, CloudFront, EC2

Left sidebar: Amazon S3, Buckets, Access Points, Object Lambda Access Points, Multi-Region Access Points, Batch Operations, IAM Access Analyzer for S3, Block Public Access settings for this account, Storage Lens, Dashboards, AWS Organizations settings

Breadcrumbs: Amazon S3 > Buckets > my-unique-identifier-bucket > AWS fundamentals Assignments -2.pdf

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Object overview

Owner	praj68	S3 URI	s3://my-unique-identifier-bucket/AWS fundamentals As signments -2.pdf
AWS Region	US East (N. Virginia) us-east-1	Amazon Resource Name (ARN)	arn:aws:s3:::my-unique-identifier-bucket/AWS fundamen
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Assignment :

1: IAM User Management

- Create an IAM user in AWS with the following specifications:
- User name: JohnDoe
- Access type: Programmatic access only
- Permissions: Grant full access to Amazon S3
- Generate and securely store the access key ID and secret access key for the user.

2: EC2 Instance Creation

- Launch an EC2 instance in AWS with the following specifications:
- Instance type: t2.micro
- Amazon Machine Image (AMI): Amazon Linux 2
- Security group: Allow SSH (port 22) and HTTP (port 80) inbound traffic

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