

S3 Bucket Versioning



s3-bucket-adham

```
resource "aws_s3_bucket" "s3-bucket-adham" {
  bucket = "adham11111111111111111111111111111111"
  acl    = "private"
  versioning {
    enabled = true
  }
  lifecycle_rule {
    id = "s3-class&expiration"
    enabled = true

    transition {
      days = 30
      storage_class = "GLACIER"
    }

    expiration {
      days = 365
    }
  }
}
```

```
Plan: 1 to add, 0 to change, 0 to destroy.
aws_s3_bucket.s3-bucket-adham: Creating...
aws_s3_bucket.s3-bucket-adham: Creation complete after 10s [id=adham111111111111111111111111]
```

```
Apply complete! Resources: 1 added, 0 changed, 0 destroyed.
```

General purpose buckets

Directory buckets

General purpose buckets (1) Info All AWS Regions

⌂

Copy ARN

Empty

Delete

Create bucket

Buckets are containers for data stored in S3.

Find buckets by name

< 1 > ⚙

Name	AWS Region	IAM Access Analyzer	Creation date
<div><div></div>adham11111111111111111111111111111111</div>	US East (N. Virginia) us-east-1	View analyzer for us-east-1	January 13, 2025, 21:57:24 (UTC+01:00)

Block public access (bucket settings)

Edit

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](#)

Block all public access

✔ On

► Individual Block Public Access settings for this bucket

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 bucket. With versioning, you can easily recover from both unintended user actions and application failures. [Learn more](#)

Bucket Versioning

Enabled

Lifecycle rules (1)

⌂

View details

Edit

Delete

Actions

Create lifecycle rule

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](#)

Find lifecycle rules by name

< 1 > ⚙

Lifecycle rule ...	Status	Scope	Current versio...	Noncurrent v...	Expired objec...	Incomplete mu...
<div><div></div>s3-class&expiration</div>	<div>✔ Enabled</div>	Entire bucket	Transition to Glacier FI	-	-	-

Review transition and expiration actions

Current version actions

Day 0

• Objects uploaded

↓

Day 30

• Objects move to Glacier Flexible Retrieval (formerly Glacier)

↓

Day 365

• Objects expire

Noncurrent versions actions

Day 0

No actions defined.