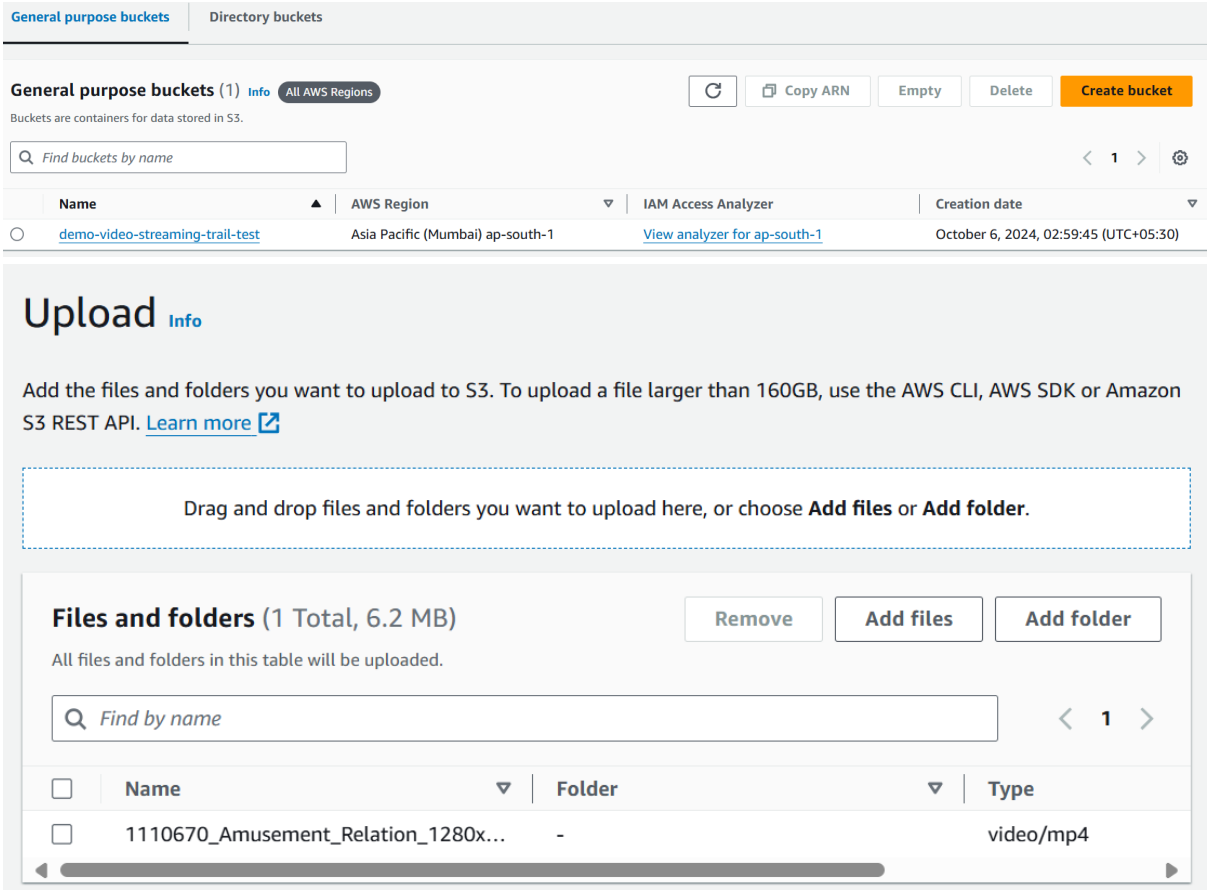
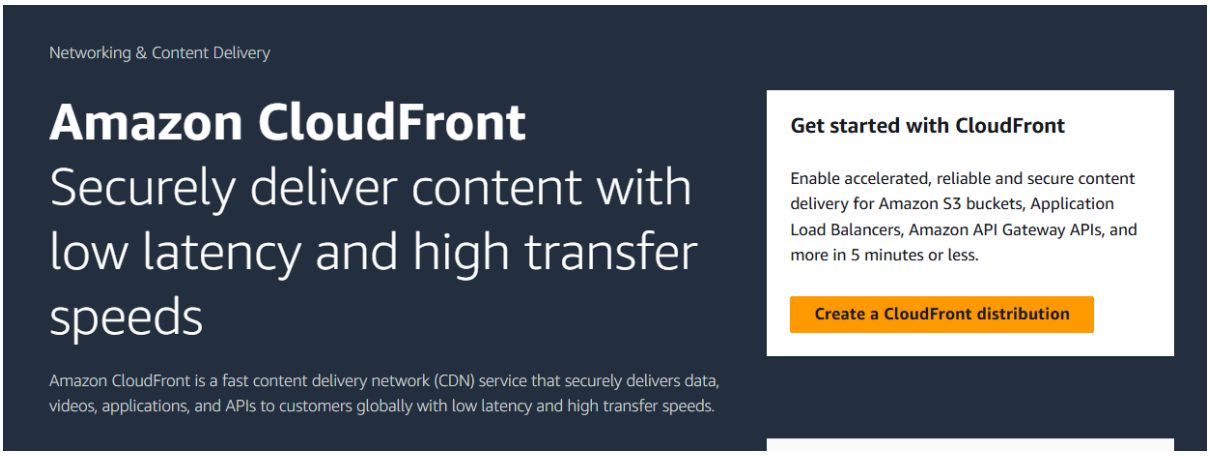
Video Streaming Website in AWS

1. Create S3



2. Create a Cloudfront distribution



Origin

Origin domain

Choose an AWS origin, or enter your origin's domain name. Learn more

demo-video-streaming-trail-test.s3.ap-south-1.amazonaws.com

Enter a valid DNS domain name for your origin, such as an S3 bucket or HTTP server.

Origin path - *optional*

Enter a URL path to append to the origin domain name for origin requests.

Enter the origin path

Name

Enter a name for this origin.

demo-video-streaming-trail-test.s3.ap-south-1.amazonaws.com

Origin access Info

- Public
  Bucket must allow public access.
- Origin access control settings (recommended)
  Bucket can restrict access to only CloudFront.
- Legacy access identities
  Use a CloudFront origin access identity (OAI) to access the S3 bucket.

Origin access control

Select an existing origin access control (recommended) or create a new control.

video-stream

Create new OAC

Path pattern Info

Default (*)

Compress objects automatically Info

- No
- Yes

Viewer

Viewer protocol policy

- HTTP and HTTPS
- Redirect HTTP to HTTPS
- HTTPS only

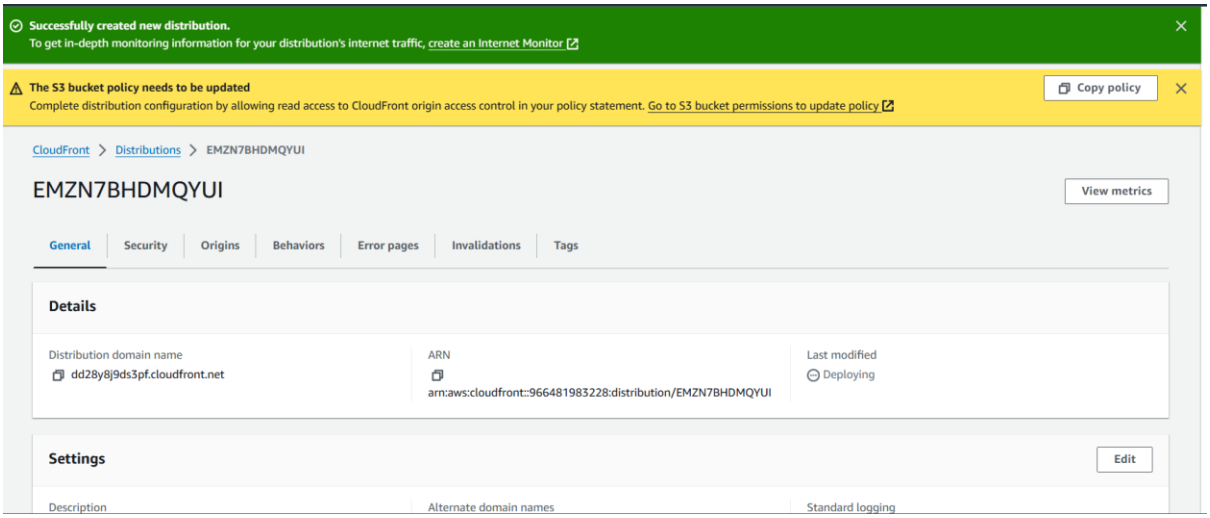
Allowed HTTP methods

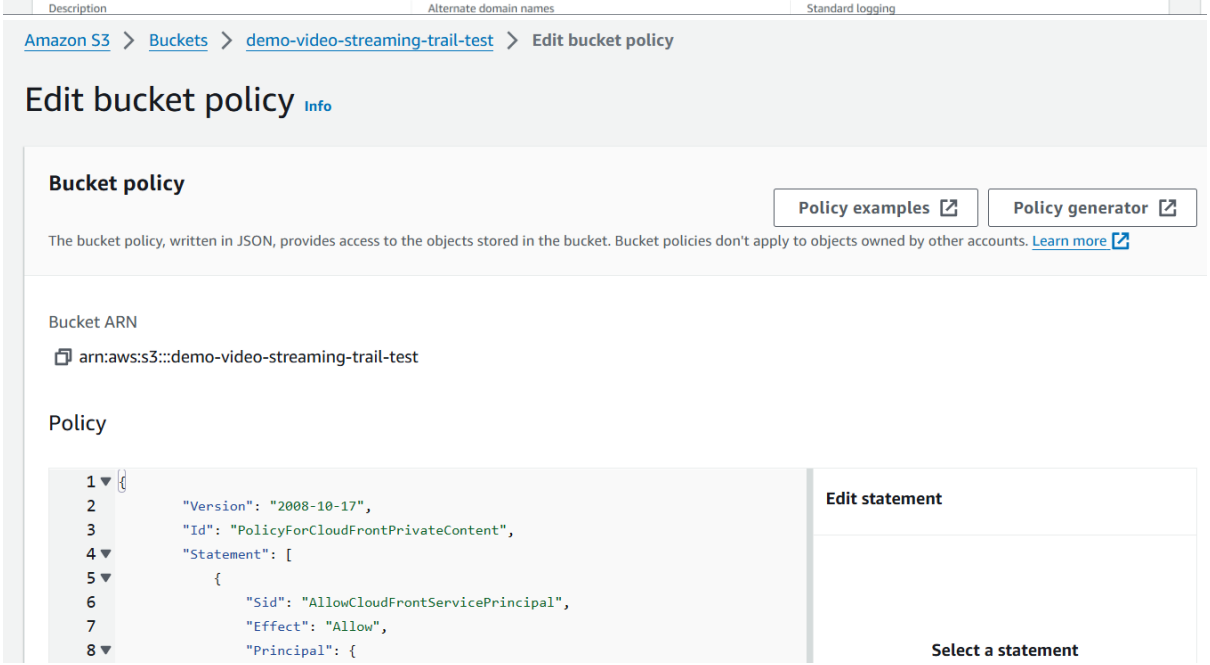
- GET, HEAD
- GET, HEAD, OPTIONS
- GET, HEAD, OPTIONS, PUT, POST, PATCH, DELETE

Restrict viewer access

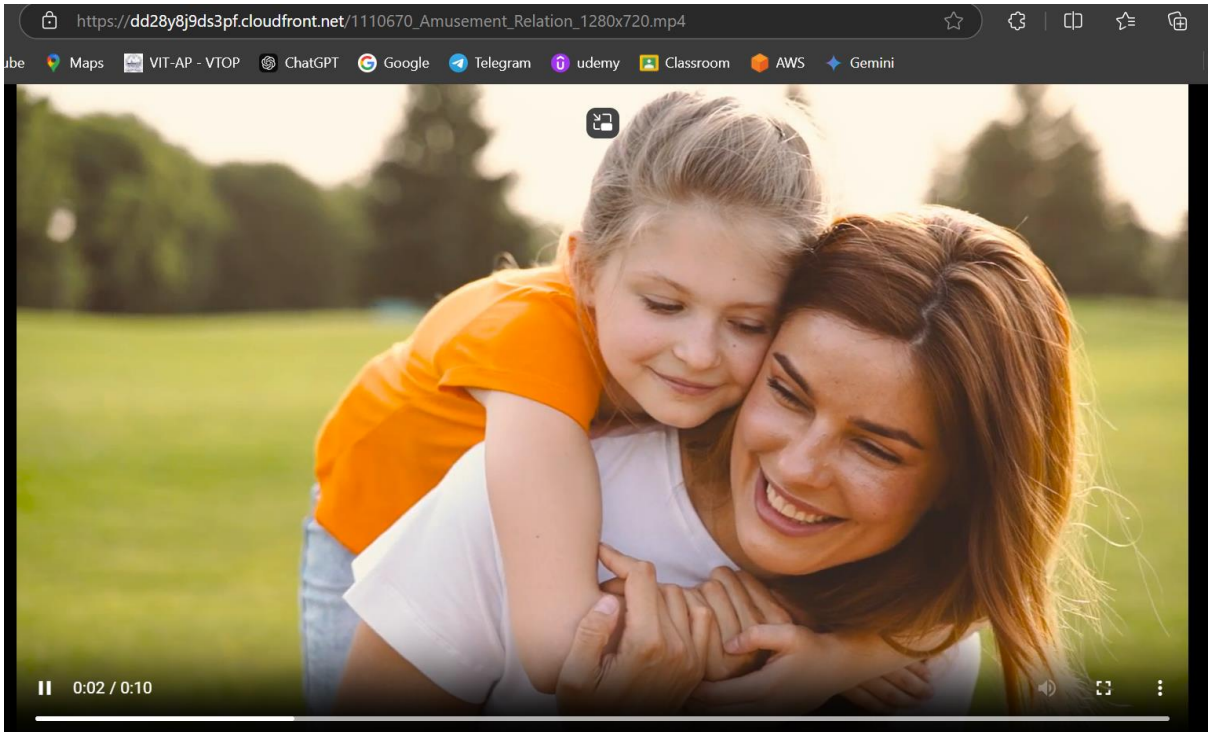
If you restrict viewer access, viewers must use CloudFront signed URLs or signed cookies to access your content.

- No
- Yes


Successfully created new distribution.
To get in-depth monitoring information for your distribution's internet traffic, create an Internet Monitor
The S3 bucket policy needs to be updated
Complete distribution configuration by allowing read access to CloudFront origin access control in your policy statement. Go to S3 bucket permissions to update policy
Copy policy
CloudFront > Distributions > EMZN7BHDMQYUI
EMZN7BHDMQYUI
View metrics
General
Security
Origins
Behaviors
Error pages
Invalidations
Tags
Details
Distribution domain name
dd28y8j9ds3pf.cloudfront.net
ARN
arn:aws:cloudfront::966481983228:distribution/EMZN7BHDMQYUI
Last modified
Deploying
Settings
Edit
Description
Alternate domain names
Standard logging


Amazon S3 > Buckets > demo-video-streaming-trail-test > Edit bucket policy
Edit bucket policy Info
Bucket policy
Policy examples
Policy generator
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
Bucket ARN
arn:aws:s3:::demo-video-streaming-trail-test
Policy
1 {
2 "Version": "2008-10-17",
3 "Id": "PolicyForCloudFrontPrivateContent",
4 "Statement": [
5 {
6 "Sid": "AllowCloudFrontServicePrincipal",
7 "Effect": "Allow",
8 "Principal": {
Edit statement
Select a statement

OUTCOME:



::CLEAN UP::