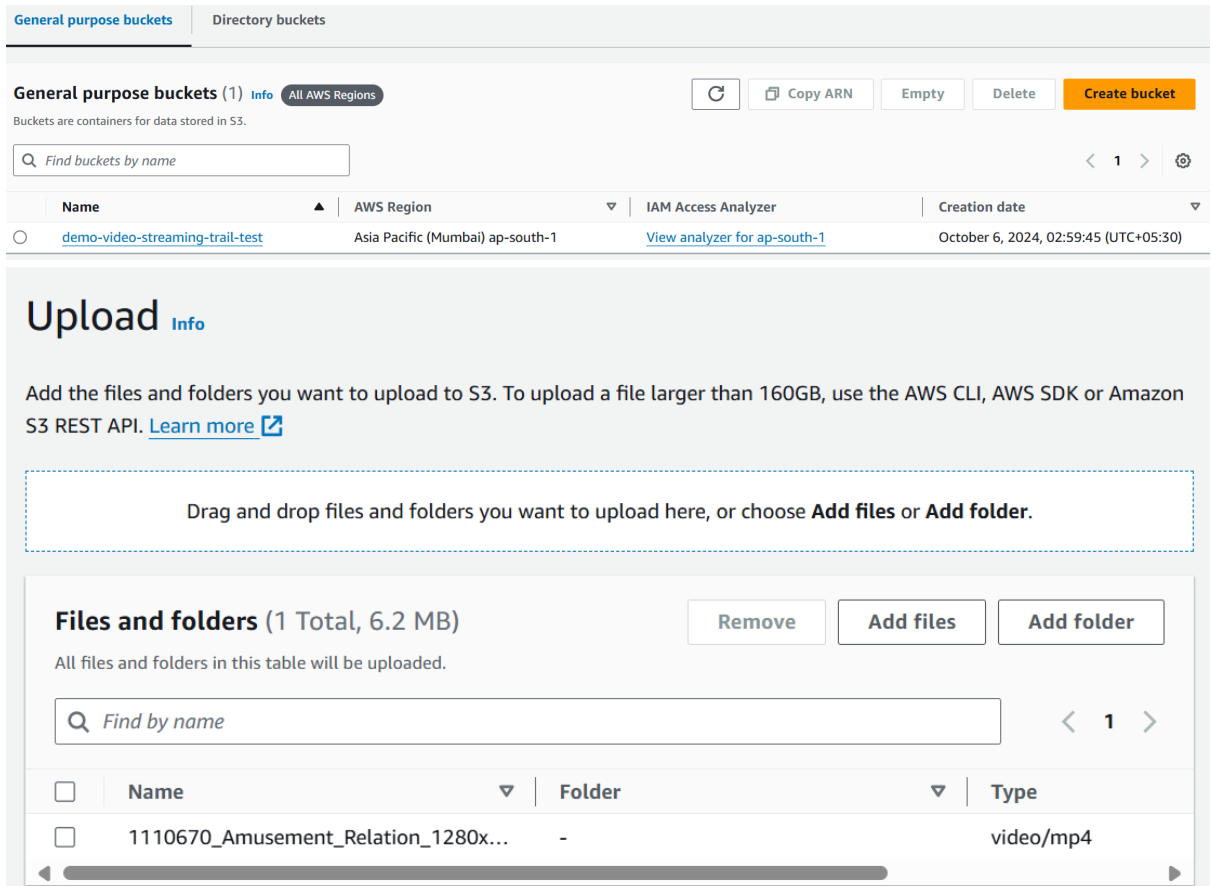


# Video Streaming Website in AWS

## 1. Create S3



**General purpose buckets** | Directory buckets

**General purpose buckets** (1) [Info](#) [All AWS Regions](#)

Buckets are containers for data stored in S3.

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

Name	AWS Region	IAM Access Analyzer	Creation date
<a href="#">demo-video-streaming-trail-test</a>	Asia Pacific (Mumbai) ap-south-1	<a href="#">View analyzer for ap-south-1</a>	October 6, 2024, 02:59:45 (UTC+05:30)

### Upload [Info](#)

Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDK or Amazon S3 REST API. [Learn more](#)

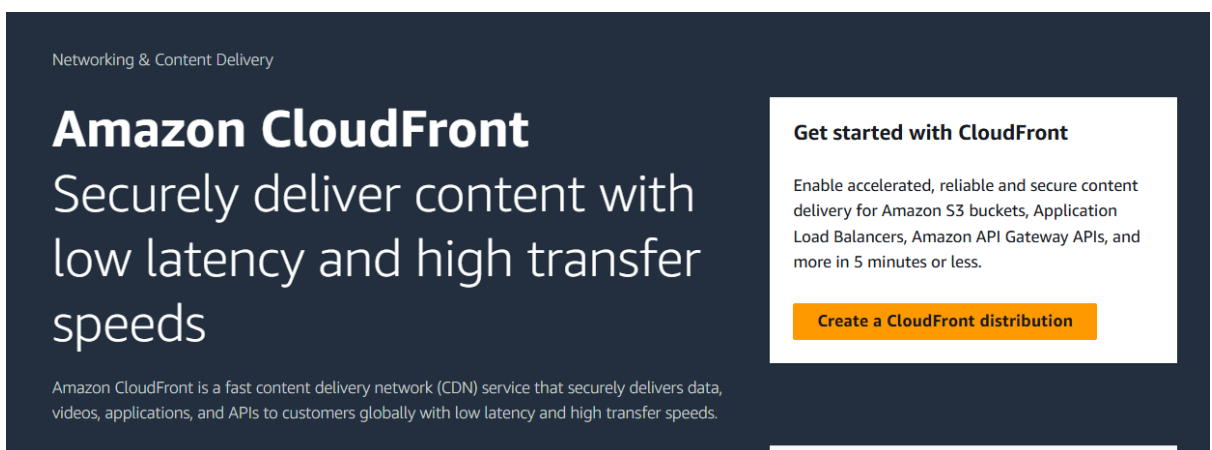
Drag and drop files and folders you want to upload here, or choose **Add files** or **Add folder**.

**Files and folders** (1 Total, 6.2 MB) [Remove](#) [Add files](#) [Add folder](#)

All files and folders in this table will be uploaded.

<input type="checkbox"/>	Name	Folder	Type
<input type="checkbox"/>	1110670_Amusement_Relation_1280x...	-	video/mp4

## 2. Create a CloudFront distribution



Networking & Content Delivery

## Amazon CloudFront

Securely deliver content with low latency and high transfer speeds

Amazon CloudFront is a fast content delivery network (CDN) service that securely delivers data, videos, applications, and APIs to customers globally with low latency and high transfer speeds.

### Get started with CloudFront

Enable accelerated, reliable and secure content delivery for Amazon S3 buckets, Application Load Balancers, Amazon API Gateway APIs, and more in 5 minutes or less.

[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

3

4

5

6

7

8

"Version": "2008-10-17",

"Id": "PolicyForCloudFrontPrivateContent",

"Statement": [

{

"Sid": "AllowCloudFrontServicePrincipal",

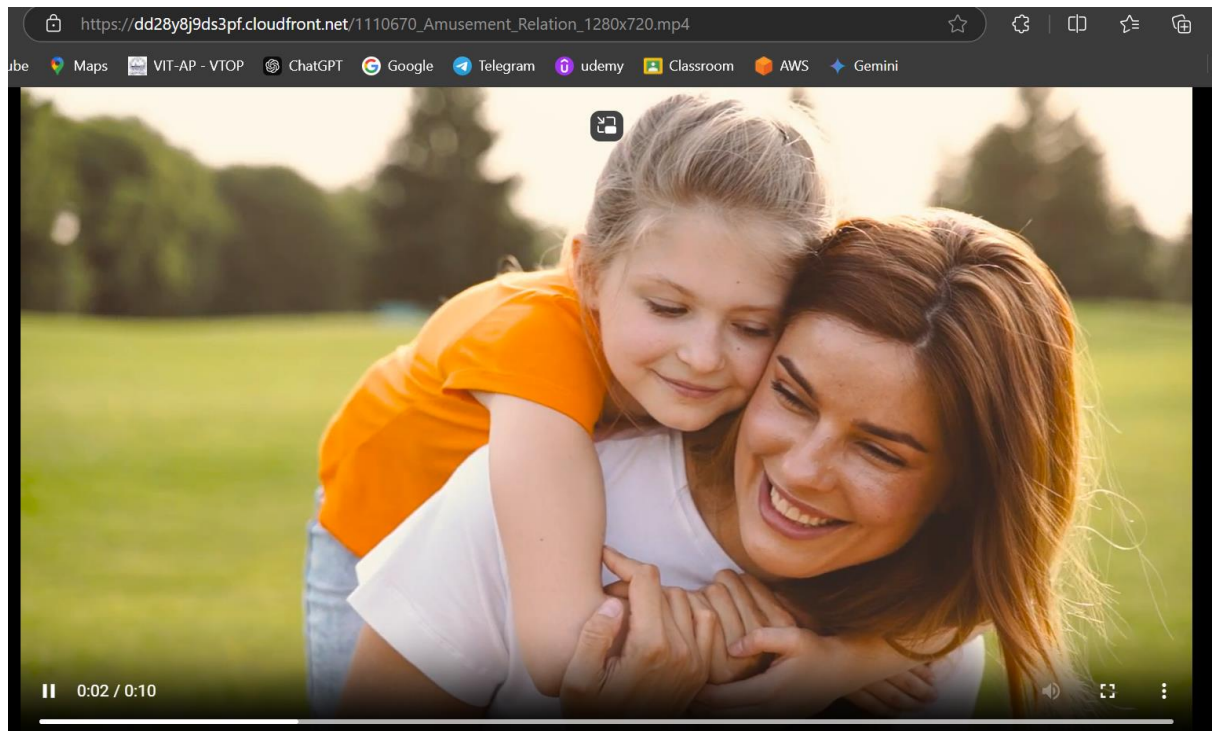
"Effect": "Allow",

"Principal": {

Edit statement

Select a statement

OUTCOME:



::CLEAN UP::