

Streaming Dynamic Content using Amazon CloudFront

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The screenshot shows the Amazon S3 console interface. On the left is a navigation sidebar with options like Buckets, Access Points, and Storage Lens. The main area displays the 'input/' bucket. At the top, there are two informational banners: one about improving the S3 console and another about S3 Storage Classes. Below these, the breadcrumb path is 'Amazon S3 > Buckets > c58970a1049565l2544198t1w6180-awstrainingreinvert-gt7dieg6rpv9 > input/'. The bucket name 'input/' is prominently displayed with a 'Copy S3 URI' button. Below the bucket name, there are tabs for 'Objects' and 'Properties'. The 'Objects' tab is active, showing a list of objects. There is one object, 'AmazonS3Sample.mp4', which is an mp4 file, 22.4 MB in size, and was last modified on August 25, 2022, at 02:34:51 (UTC+10:00). Above the object list, there are buttons for 'Copy S3 URI', 'Copy URL', 'Download', 'Open', 'Delete', 'Actions', 'Create folder', and 'Upload'. A search bar with the placeholder 'Find objects by prefix' is also present.

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

► AWS Marketplace for S3

We're continuing to improve the S3 console to make it faster and easier to use. If you have feedback on the updated experience, choose **Provide feedback**.

Provide feedback

Learn how to effectively use the S3 Storage Classes.

Learn more

Amazon S3 > Buckets > c58970a1049565l2544198t1w6180-awstrainingreinvert-gt7dieg6rpv9 > input/

input/ Copy S3 URI

Objects | Properties

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](#)

Refresh Copy S3 URI Copy URL Download

Open Delete Actions Create folder

Upload

Find objects by prefix

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	AmazonS3Sample.mp4	mp4	August 25, 2022, 02:34:51 (UTC+10:00)	22.4 MB	Standard

Checking preparation: S3 bucket is available, and file AmazonS3Sample.mp4 is inside input folder.

Services

Search for servi [Option+S]

Gl

voclabs/user2068076=102643407@student.swin.edu.

User: arn:aws:sts::618048989596:assumed-role/voclabs/user2068076=102643407@student.swin.edu.au is not authorized to perform: waf:ListWebACLs on resource: arn:aws:waf::618048989596:webacl/* because no identity-based policy allows the waf:ListWebACLs action

Alternate domain name (CNAME) - optional

Add the custom domain names that you use in URLs for the files served by this distribution.

Add Item

To add a list of alternative domain names, use the [bulk editor](#).

Custom SSL certificate - optional

Associate a certificate from AWS Certificate Manager. The certificate must be in the US East (N. Virginia) Region (us-east-1).

Choose certificate

[Request certificate](#)

Supported HTTP versions

Add support for additional HTTP versions. HTTP/1.0 and HTTP/1.1 are supported by default.

☒ HTTP/2

☐ HTTP/3

Default root object - optional

The object (file name) to return when a viewer requests the root URL (/) instead of a specific object.

Standard logging

Get logs of viewer requests delivered to an Amazon S3 bucket.

☒ Off

☐ On

IPv6

☐ Off

☒ On

Description - optional

Cancel

Create distribution

Configure and create distribution



AWS Elemental MediaConvert is a new file-based video transcoding service that provides a comprehensive suite of advanced transcoding features, with Basic tier rates starting at \$0.0075/minute. [Read more](#) or [try MediaConvert](#)

Pipeline Name

InputPipeline

i

Input Bucket

c58970a1049565l2544198t1w6180-i

i

IAM Role

AmazonElasticTranscoderRole

v i

This role must have the permissions necessary to access the applicable S3 buckets and SNS topics. [View the policy for the default IAM role.](#)

Configuration for Amazon S3 Bucket for Transcoded Files and Playlists

Bucket ⓘ

Storage Class ⓘ

[+ Add Permission](#)

Configuration for Amazon S3 Bucket for Thumbnails

Bucket c58970a1049565l2544198t1w6180~i ⓘ

Storage Class Reduced Redundancy ⓘ

[+ Add Permission](#)

- Notifications (Optional)

- Encryption (Optional)

Cancel

Create Pipeline

Configure and create pipeline

Try the New File-Based Video Processing Option

AWS Elemental MediaConvert is a new file-based video transcoding service that provides a comprehensive suite of advanced transcoding features, with Basic tier rates starting at \$0.0075/minute. [Read more](#) or [try MediaConvert](#)

Preset Watermark Id Select One...

Output Details (3 of 3)

[- Remove Output](#)

Preset System preset: HLS 1M

Segment Duration 10

Output Key HLS10M

Segment Filename Preview HLS10M00000.ts

Create Thumbnails ☒ No ☐ Yes

Output Rotation (Clockwise) auto

Encryption Parameters To protect your HLS Outputs, add an HLSv3 or HLSv4 playlist along with Content Protection information.

Available Settings ☐ Output Captions

Watermarks

Preset Watermark Id Select One...

Configure three output files having three separate bit-rates (2Mbps, 1.5 and 1)

aws

Services

Search for service. [Option+S]

N. Virg

voclabs/user2068076=102643407@student.swin.edu.au @

Try the New File-Based Video Processing Option

AWS Elemental MediaConvert is a new file-based video transcoding service that provides a comprehensive suite of advanced transcoding features, with Basic tier rates starting at \$0.0075/minute. [Read more](#) or [try MediaConvert](#)

Output Rotation (Clockwise)

auto

Encryption Parameters

To protect your HLS Outputs, add an HLSv3 or HLSv4 playlist along with Content Protection information.

Available Settings

☐ Output Captions

Watermarks

Preset Watermark Id

Select One...

+ Add Another Output

Playlist (1 of 1)

- Remove Playlist

Master Playlist Name

primary

Playlist Format

HLSv3

Outputs in Master Playlist

HLS20M

+ ×

Outputs in Master Playlist

HLS15M

+ ×

Outputs in Master Playlist

HLS10M

+ ×

Content Protection

☒ None ☐ HLS AES ☐ PlayReady DRM

+ Add Playlist




▸ User Metadata (Optional)

Cancel

Create New Job

Configuring playlist and create new job.

Search for services [Option+S]



Glo ▼

voclabs/user2068076=102643407@student.swin.edu.au @ 6 ▼


CloudFront > Distributions > ECHAKRS4Q8UGG

ECHAKRS4Q8UGG


< General Origins Behaviors Error pages Geographic restrictions >

Details

Distribution domain name

 d13diy3fgtgxv1.cloudfront.net

ARN

 arn:aws:cloudfront::618048989596:distribution/ECHAKRS4Q8UGG

Last modified

August 24, 2022 at 4:47:08 PM UTC

Settings

Edit

Description

-

Price class

Use all edge locations (best performance)

Supported HTTP versions

HTTP/2, HTTP/1.1, HTTP/1.0

Alternate domain names

-

Copy the cloudFront domain name to construct playback url

Services

Search for services [Option+S]

Glo

voclabs/user2068076=102643407@student.swin.edu.au @ 6

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We're continuing to improve the S3 console to make it faster and easier to use. If you have feedback on the updated experience, choose [Provide feedback](#).

Follow security best practices for S3. [Learn more](#)

Find objects by prefix

Name

Type

Last modified

Size

Storage class

☐

HLS20M00033.ts

ts

August 25, 2022, 02:59:59 (UTC+10:00)

810.9 KB

Standard

☐

HLS20M00034.ts

ts

August 25, 2022, 02:59:59 (UTC+10:00)

852.6 KB

Standard

☐

HLS20M00035.ts

ts

August 25, 2022, 02:59:59 (UTC+10:00)

409.8 KB

Standard

☐

HLS20M00036.ts

ts

August 25, 2022, 02:59:59 (UTC+10:00)

902.2 KB

Standard

☐

HLS20M00037.ts

ts

August 25, 2022, 02:59:59 (UTC+10:00)

862.0 KB

Standard

☐

HLS20M00038.ts

ts

August 25, 2022, 02:59:59 (UTC+10:00)

334.3 KB

Standard

☐

HLS20M00039.ts

ts

August 25, 2022, 02:59:59 (UTC+10:00)

763.6 KB

Standard

☐

HLS20M00040.ts

ts

August 25, 2022, 02:59:59 (UTC+10:00)

590.6 KB

Standard

☒

primary.m3u8

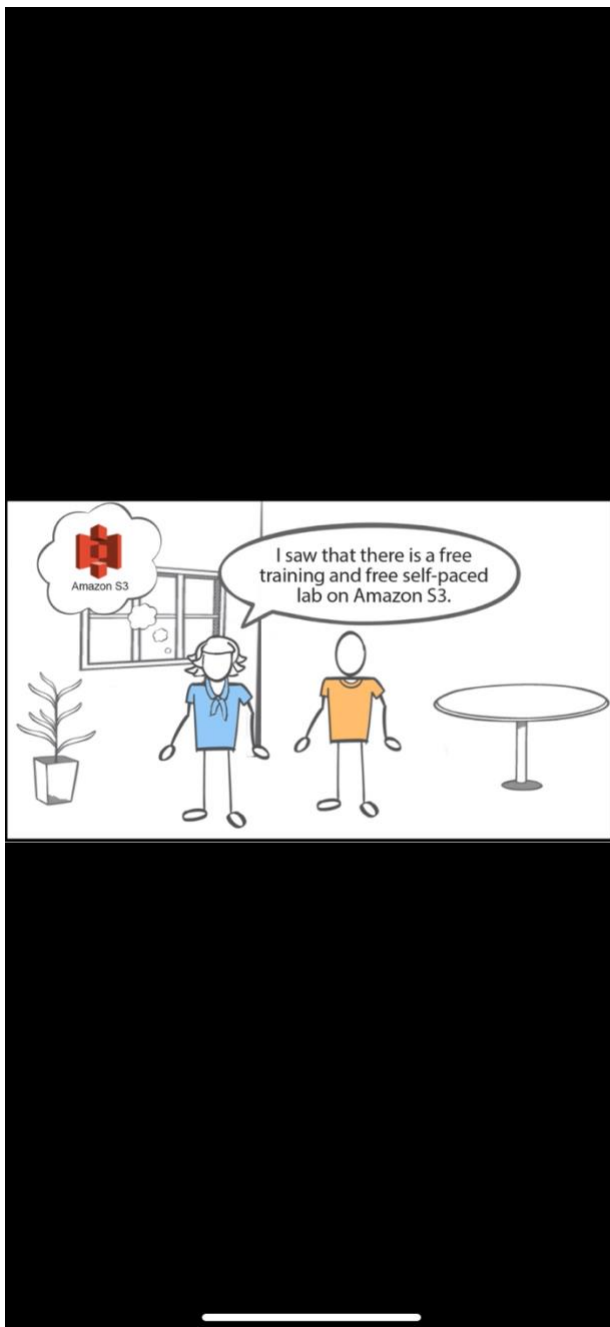
m3u8

August 25, 2022, 03:00:06 (UTC+10:00)

340.0 B

Standard

Construct the rest of the url by adding path of the playlist file in the S3 bucket.



Successfully start the stream on iphone.

