Streaming Dynamic Content using Amazon CloudFront

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

⚠ 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

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 ✕

⑦

Pipeline Name   InputPipeline   ⓘ

Input Bucket   c58970a1049565l2544198t1w6180-ё   ⓘ

IAM Role   AmazonElasticTranscoderRole ⌄   ⓘ

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   c58970a1049565l2544198t1w6180-ё   ⓘ

Storage Class   Standard ⌄   ⓘ

+ Add Permission

Configuration for Amazon S3 Bucket for Thumbnails

Bucket   c58970a1049565l2544198t1w6180-ё   ⓘ

Storage Class   Reduced Redundancy ⌄   ⓘ

+ Add Permission

▶ Notifications (Optional)

▶ Encryption (Optional)

Cancel   **Create Pipeline**

Configure and create pipeline

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✕

ⓘ

Preset Watermark Id | Select One... ▾

utput 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

utput 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   ⓘ

atermarks

Preset Watermark Id | Select One... ▾

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

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❌

❓

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.

✕

CloudFront > Distributions > ECHAKRS4Q8UGG

ECHAKRS4Q8UGG

‹ **General** Origins Behaviors Error pages Geographic restrictions ›

Details

Distribution domain name	ARN
⧉ d13diy3fgtgxv1.cloudfront.net	⧉ arn:aws:cloudfront::618048989596:distribution/ECHAKRS4Q8UGG

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

Settings   Edit

Description
-

Alternate domain names
-

Price class
Use all edge locations (best performance)

Supported HTTP versions
HTTP/2, HTTP/1.1, HTTP/1.0

Copy the cloudFront domain name to construct playback url

Construct the rest of the url by adding path of the playlist file in the S3 bucket.
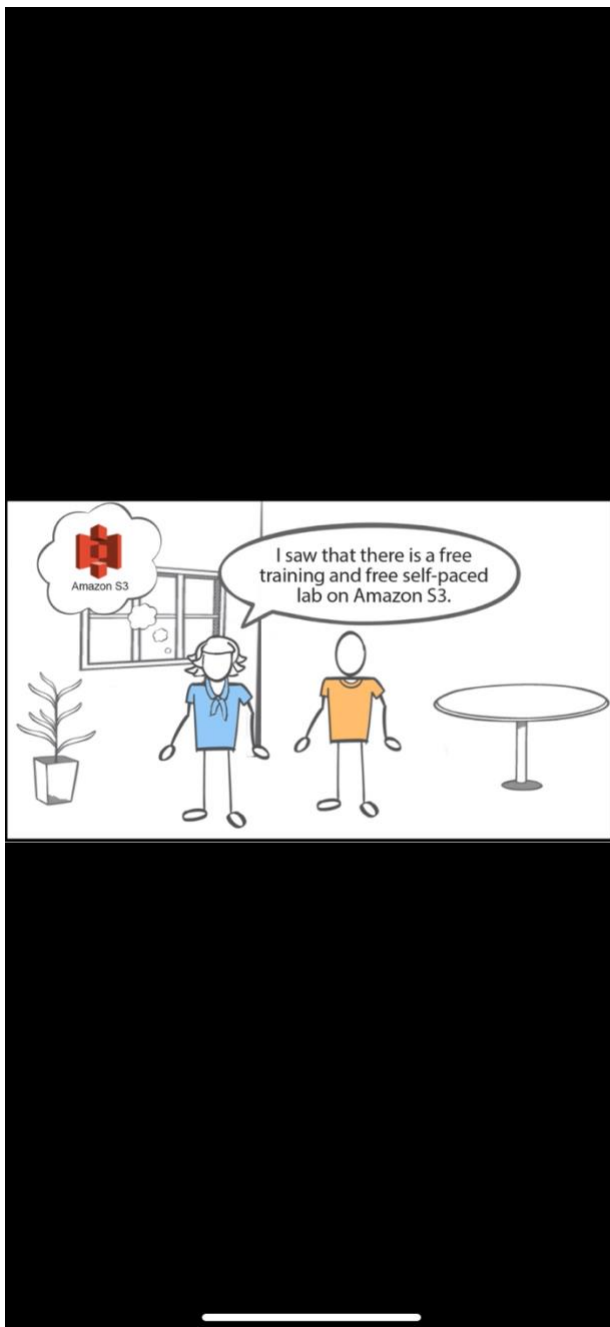
Successfully start the stream on iphone.

Successfully submit the lab