

Step 1: Create distribution

Create distribution

Origin

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

Origin path - optional [info](#)
Enter a URL path to append to the origin domain name for origin requests.

Name
Enter a name for this origin.

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.

Add custom header - optional
CloudFront includes this header in all requests that it sends to your origin.

Enable Origin Shield [info](#)
Origin Shield is an additional caching layer that can help reduce the load on your origin and help protect its availability.
☒ No
☐ Yes

Web Application Firewall (WAF)

☐ Enable security protections
Keep your application secure from the most common web threats and security vulnerabilities using AWS WAF. Blocked requests are stopped before they reach your web servers.

☒ Do not enable security protections
Select this option if your application does not need security protections from AWS WAF.

Settings

Price class [info](#)
Choose the price class associated with the maximum price that you want to pay.
☒ Use all edge locations (best performance)
☐ Use only North America and Europe
☐ Use North America, Europe, Asia, Middle East, and Africa

Alternate domain name (CNAME) - optional
Add the custom domain names that you use in URLs for the files served by this distribution.

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).

Request certificate [info](#)
Warning: User: aws-iam:arn:aws:iam::723844363006:assumed-role/voclab/user/7238113-104219428@student.swin.edu.au is not authorized to perform: acm:RequestCertificate because no identity-based policy allows the acm:RequestCertificate action

Supported HTTP versions
Add support for additional HTTP versions. HTTP/1.0 and HTTP/1.1 are supported by default.
☒ HTTP/2
☐ HTTP/3

Step 2: Create a pipeline for elastic transcoder

I found one of the instruction(12) not pointing to anything but nothing going south so far

The screenshot shows the AWS Elastic Transcoder console in the 'us-east-1' region. The 'Create New Pipeline' form is displayed with the following details:

- Pipeline Name:** InputPipeline
- Input Bucket:** c92520a206145468170061w7238-
- IAM Role:** AmazonElasticTranscoderRole

Below the main form, there are two configuration sections for Amazon S3 buckets:

- Configuration for Amazon S3 Bucket for Transcoded Files and Playlists:**
 - Bucket:** c92520a206145468170061w7238-
 - Storage Class:** Standard
- Configuration for Amazon S3 Bucket for Thumbnails:**
 - Bucket:** c92520a206145468170061w7238-
 - Storage Class:** Reduced Redundancy

At the bottom, there are optional sections for 'Notifications' and 'Encryption'. The 'Create Pipeline' button is visible at the bottom right.

Step 3: create job of the transcoder

3.1: create job

The screenshot shows the AWS Elastic Transcoder console in the 'us-east-1' region. The 'Create a New Transcoding Job' form is displayed with the following details:

- Pipeline:** InputPipeline
- Output Key Prefix:** output/

Input Details (1 of 1)

- Input Key:** Input/AmazonS3Sample.mp4
- Decryption Parameters:** None (Enter Information)
- Available Settings:** Clip, Input Captions

Output Details (1 of 3)

- Preset:** System preset: HLS 2M
- Segment Duration:** 10
- Output Key:** HLS20M
- Segment Filename Preview:** HLS20M00000 is
- Create Thumbnails:** No
- 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

The 'Remove Output' button is visible at the bottom right of the output details section.

3.2: configure output detail

The screenshot displays the AWS Elastic Transcoder console interface for configuring outputs. The browser tabs include 'Week3 ACA Module 11 Guided Lab - Stream', 'Module 11 Guided Lab - Stream', and 'Elastic Transcoder | us-east-1'. The address bar shows the URL: `us-east-1.console.aws.amazon.com/elastictranscoder/home?region=us-east-1#create-job`.

Output Details (1 of 3)

- Preset:** System preset: HLS 2M
- Segment Duration:** 10
- Output Key:** HLS20M
- Segment Filename Preview:** HLS20M00000.ts
- Create Thumbnails:** No (selected)
- 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

Output Details (2 of 3)

- Preset:** System preset: HLS 15M
- Segment Duration:** 10
- Output Key:** HLS15M
- Segment Filename Preview:** HLS15M00000.ts
- Create Thumbnails:** No (selected)
- 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

Output Details (3 of 3)

- Preset:** System preset: HLS 1M
- Segment Duration:** 10
- Output Key:** HLS1M
- Segment Filename Preview:** HLS1M00000.ts
- Create Thumbnails:** No (selected)
- 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

Playlist (1 of 1)

Master Playlist Name: primary

3.3: Configure a playlist

The screenshot displays the AWS Elastic Transcoder console interface for configuring a playlist. The browser tabs include 'Week3 ACA Module 11 Guided Lab - Stream', 'Module 11 Guided Lab - Stream', and 'Elastic Transcoder | us-east-1'. The address bar shows the URL: `us-east-1.console.aws.amazon.com/elastictranscoder/home?region=us-east-1#create-job`.

Segment Filename Preview: HLS19M00000.ts

Create Thumbnails: No (selected)

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

Playlist (1 of 1)

Master Playlist Name: primary

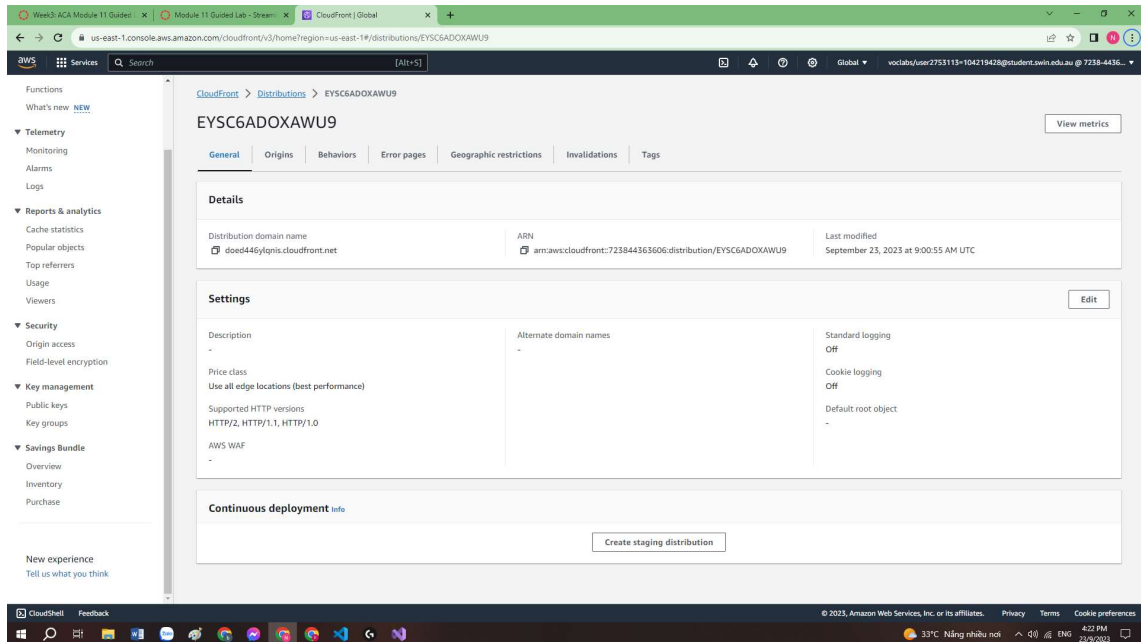
Playlist Format: HLSv3

Outputs in Master Playlist: HLS20M, HLS15M, HLS1M

Content Protection: None (selected), HLSv3 AES, PlayReady DRM

User Metadata (Optional)

Step 4: obtain the distribution domain name



<https://doed446ylnis.cloudfront.net>

Step 5: Obtain the playlist path

<https://d2jx2qv0n6yl61.cloudfront.net/output/primary.m3u8>

