



Module 11 Guided Lab - Stream...c107897a2537346160152621w...CloudFront | Global

us-east-1.console.aws.amazon.com/cloudfront/v4/home?region=us-east-1#/welcome

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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

Benefits and features

Reduce latency

The CloudFront network has 225+ points of presence (PoPs) that are connected by fully redundant, parallel 100 GbE fiber delivering ultra-low latency from edge locations to your customers.

Improve security

Use CloudFront for perimeter protection, traffic encryption, and access controls. AWS Shield Standard defends traffic transmitted through CloudFront from DDoS attacks.

AWS Free Tier

- 1 TB of data transfer out
- 10,000,000 HTTP or HTTPS requests
- 2,000,000 CloudFront Function invocations
- Each month, always free

https://us-east-1.console.aws.amazon.com/cloudfront/v4/home?region=us-east-1#/distributi...

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us-east-1.console.aws.amazon.com/cloudfront/v4/home?region=us-east-1#/distributions/EHY8LGVLXNIV

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Introducing the CloudFront Security Dashboard

Successfully created new distribution.

Do you have 30 seconds to share your experience? Help us improve CloudFront.

CloudFront > Distributions > EHY8LGVLXNIV

EHY8LGVLXNIV

View metrics

GeneralSecurityOriginsBehaviorsError pagesInvalidationsTags

Details

Distribution domain name	ARN	Last modified
dt6hjghy6qtw0.cloudfront.net	arn:aws:cloudfront::905418390647:distribution/EHY8LGVLXNIV	Deploying

Settings

Edit

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Module 11 Guided Lab - Streamc107897a2537346i6015262t1wCloudFront | GlobalElastic Transcoder | us-east-1

us-east-1.console.aws.amazon.com/elastictranscoder/home?region=us-east-1#getting-started

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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](#)

Welcome to Amazon Elastic Transcoder

Create a new Pipeline

Amazon Elastic Transcoder lets you convert digital media stored in Amazon S3 into the audio and video codecs and the containers required by consumer playback devices. For example, you can convert large, high-quality digital media files into formats that users can play back on mobile devices, tablets, web browsers, and connected televisions.

Elastic Transcoder has three components:

Pipelines

are queues that manage your transcoding jobs. Elastic Transcoder begins to process jobs in the order in which you add them to a pipeline. Typically, you'll create at least two pipelines, one for standard-priority jobs and one for high-priority jobs. Most jobs go into the standard-priority pipeline; you use the high-priority pipeline only when you need a file to be transcoded immediately.

Jobs

specify the settings that aren't included in the preset, for example, the file to transcode and whether to create thumbnails. Each job converts one file into one different format. When you create a job, Elastic Transcoder adds it to the pipeline you specify. If there are already jobs in the pipeline, Elastic Transcoder begins processing the new job when resources are available.

Presets

are templates that specify most of the settings for the transcoded media file. Elastic Transcoder includes some default presets for common formats. You can also create your own presets. When you create a job, you specify which preset to use.

Additional Information

Getting Started with Elastic Transcoder

Documentation

All Elastic Transcoder Resources

Forums

Amazon Elastic Transcoder at a glance

Create a pipeline

Give your pipeline a name that identifies which jobs go into that pipeline, for example, standard priority.

Create a preset. (Optional)

If your requirements correspond with one of the default presets, you can skip this step.

Create a job

When you click Create, Elastic Transcoder automatically adds it to the specified pipeline for processing.

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us-east-1.console.aws.amazon.com/elastictranscoder/home?region=us-east-1#pipeline-details:1709457256416-rrjfc

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Pipelines

Jobs

Presets

Create New Job

Edit

Pause

Activate

Remove

Summary

ARNarn:aws:elastictranscoder:us-east-1:905418390647:pipeline/1709457256416-rrjfc

NameInputPipeline

Pipeline ID1709457256416-rrjfc

StatusActive

Input Bucketc107897a2537346i6015262t1w9054-awstrainingreinvent-bpqgbqxqfql

Configuration for Amazon S3 Bucket for Transcoded Files and Playlists

Configuration for Amazon S3 Bucket for Thumbnails

Job Details

Permissions

Notifications

Encryption

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us-east-1.console.aws.amazon.com/elastictranscoder/home?region=us-east-1#create-job

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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

+

x

i

Outputs in Master Playlist

HLS15M

+

x

i

Outputs in Master Playlist

HLS10M

+

x

i

Content Protection

☒ None ☐ HLS AES ☐ PlayReady DRM

+ Add Playlist

▶ User Metadata (Optional)

Cancel

Create New Job

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Try the New File-Based Video Processing Option

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Pipelines

Jobs

Presets

Back

Copy

Cancel

▼ Summary

ARN

am:aws:elastictranscoder:us-east-1:905418390647:job/1709457631816-jlqm5q

Number Of Inputs

1

Job ID

1709457631816-jlqm5q

Number Of Outputs

3

Pipeline

InputPipeline

Number Of Playlists

1

Pipeline ID

1709457256416-rnjfc

Job Status

Progressing

Output Key Prefix

output/

▼ Inputs

Input Key

input/AmazonS3Sample.mp4

Frame Rate

Duration

Resolution

Clip Start Time

File Size

Clip Duration

Captions Merge Policy

▼ Outputs

Preset

System preset: HLS 2M

Preset ID

1351620000001-200010

Output Key

HLS20M

Status

Progressing

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CloudFront

Distributions

Policies

Functions

What's new NEW

▼ Telemetry

Monitoring

Alarms

Logs

▼ Reports & analytics

Cache statistics

Popular objects

Top refererrs

Usage

Viewers

▼ Security

Origin access

Field-level encryption

▼ Key management

Introducing the CloudFront Security Dashboard

The new security tab is a unified place to configure, manage, and monitor security for your CloudFront distribution. The built-in dashboard gives you visibility into top security trends, allowed and blocked traffic, as well as visibility and controls for bots. CloudFront geographic restrictions are now part of the security dashboard.

CloudFront > Distributions > EHY8LGV LXNIV

EHY8LGV LXNIV

View metrics

General

Security

Origins

Behaviors

Error pages

Invalidations

Tags

Details

✔ Distribution domain name copied

dt6hjghy6qtw0.cloudfront.net

ARN

arn:aws:cloudfront:905418390647:distribution/EHY8LGV LXNIV

Last modified

March 3, 2024 at 9:10:35 AM UTC

Settings

Edit

Description

Use all edge locations (best performance)

Alternate domain names

Standard logging

Off

Cookie logging

Off

CloudShell

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