



## Module 15 – Project 2

## Project- Static Website with S3 and CloudFront.

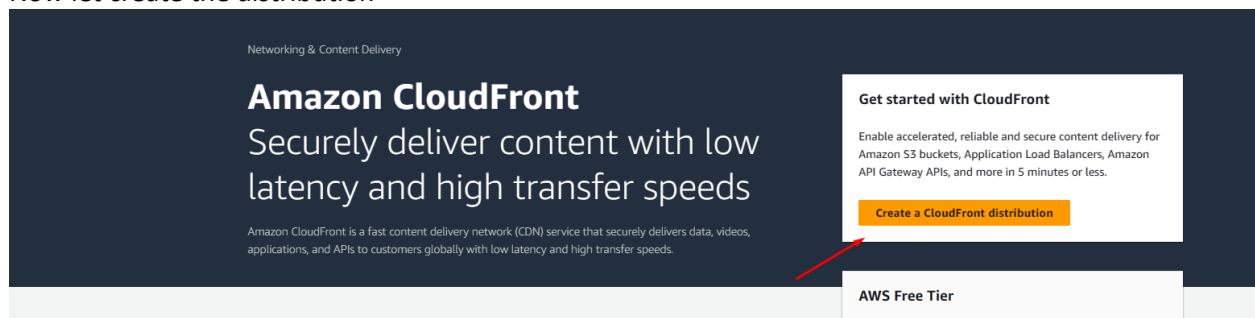
In this we will be using CDN, these features help us to store the cache  
<https://aws.amazon.com/cloudfront/>

Now let's jump to the S3 first.

We will create the bucket but this bucket is not publicly accessible and users will be using Cloudfront url to access the website.

Once the bucket is created, upload the Index.html page.

Now let create the 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**

AWS Free Tier

Choose origin as S3 bucket.

## Default cache behavior

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

## Cache key and origin requests

We recommend using a cache policy and origin request policy to control the cache key and origin requests.

☒ Cache policy and origin request policy (recommended)

☐ Legacy cache settings

### Cache policy

Choose an existing cache policy or create a new one.

CachingOptimized

Recommended for S3

Policy with caching enabled. Supports Gzip and Brotli compression.

[Create cache policy](#) [View policy](#)

### Origin request policy - optional

Choose an existing origin request policy or create a new one.

Select origin policy

[Create origin request policy](#)

### Response headers policy - optional

Choose an existing response headers policy or create a new one.

Select response headers

[Create response headers policy](#)

### ▼ Additional settings

#### Smooth streaming

Choose No if your origin is configured to use Microsoft IIS for Smooth Streaming.

☒ No

☐ Yes

#### Field-level encryption [Info](#)

Choose a field-level encryption configuration.

Select a field-level encryption profile

#### Enable real-time logs [Info](#)

☒ No

☐ Yes


#### 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

Click on Create Distribution. Now get the distribution name and try to Browse the URL.