

A content delivery network (CDN) is a system of distributed servers (network) that deliver webpages and other web content to a user based on the geographic locations of the user, the origin of the webpage, and a content delivery server.

**Edge Location:** This is the location where content will be cached. This is a separate to an AWS Region/AZ

**Origin:** This is the original of all the files that the CDN will distribute. This can be an S3 Bucket, an EC2 Instance, an Elastic Load Balancer, or Route53

**Distribution:** This is the name given to the CDN which consists of a collection of Edge Locations.

Amazon CloudFront can be used to deliver your entire website, including dynamic, static, streaming, and interactive content using a global network of edge locations. Requests for your content are automatically routed to the nearest edge location, so content is delivered with the best possible performance.

Cloudfront Key Terminology:

Web Distribution: Typically used for websites

RTMP: Used for Media Streaming

Edge locations are not just Read only, you can write to them too.

Objects are cached for the life of the TTL(Time To Live)

You can clear the cached objects, but you will be charged.