

# AWS CloudFront



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## CloudFront

### What is CloudFront?



- CloudFront is the **Content Delivery Network (CDN)** of AWS.
- Basically, it is a globally distributed network located on different geographical places.

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# CloudFront

## What is CloudFront?



- The aim of this service is to **provide faster distribution** to the dynamic or the static web contents.
- World-wide distributed data centers which are called **edge locations** are the backbone of CloudFront.

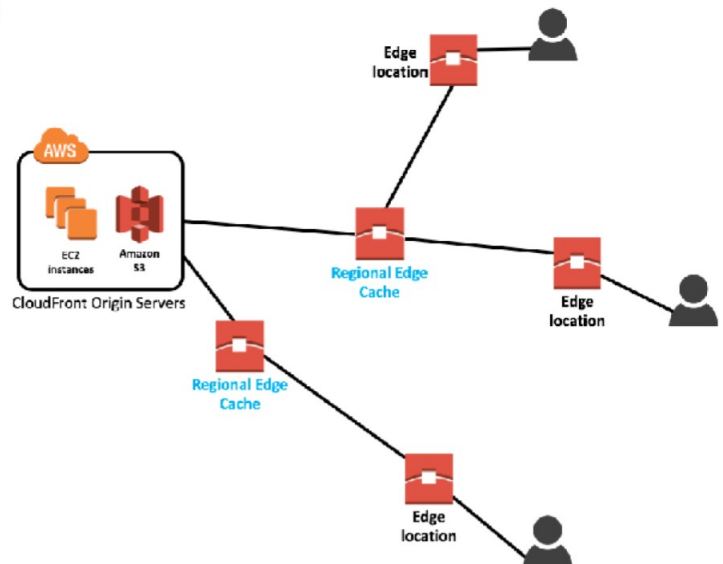
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# CloudFront

## CloudFront Infrastructure

- AWS CloudFront has a world-wide network of **230\*** **Points of Presence (PoP)**:
  - **218 Edge Locations**
  - **12 Regional Edge Caches**



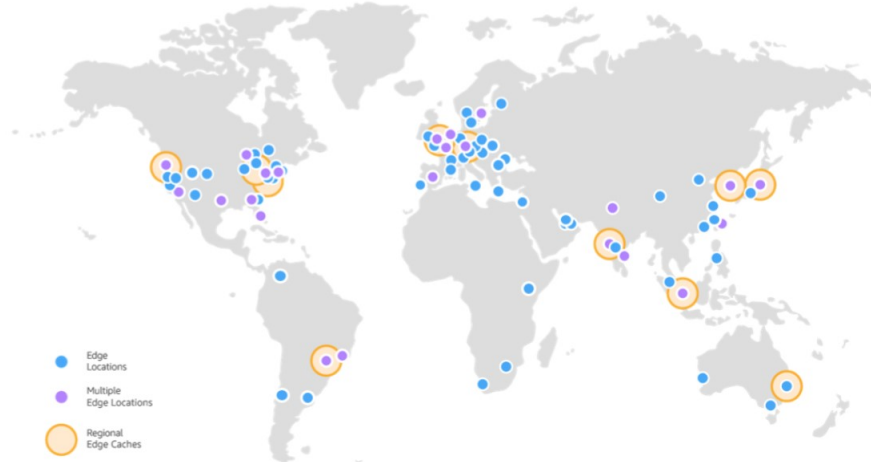
\*as of April 2021.

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## CloudFront Infrastructure



- These facilities are spread over 84 cities across 42 countries.

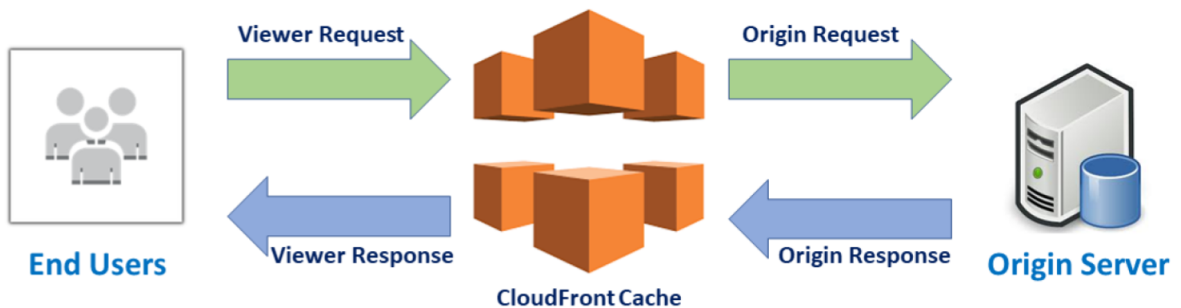
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## How does it work?



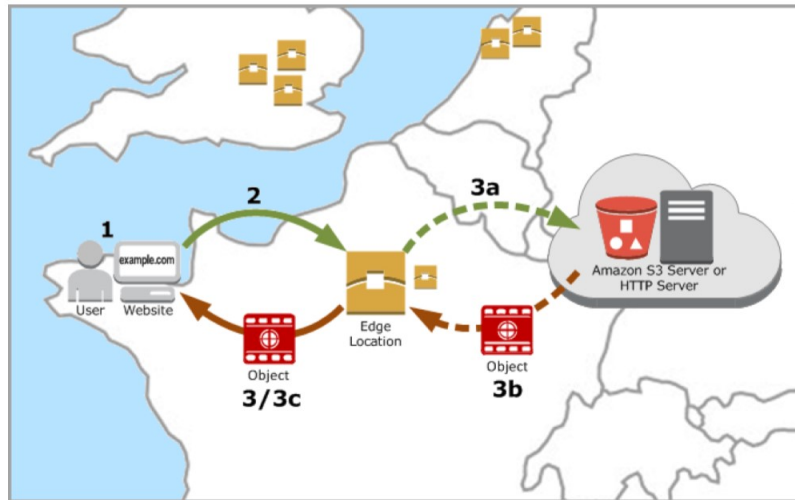
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## How does it work?



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## Pricing

### Free Tier

**50 GB OF DATA TRANSFER OUT**

*12 months free*

**2,000,000 HTTP OR HTTPS REQUESTS**

*Each month for one year*

### On-demand

*Amazon CloudFront charges are based on actual usage of the service in four areas:*

**DATA TRANSFER OUT  
(INTERNET/ORIGIN)**

**HTTP/HTTPS REQUESTS**

**INVALIDATION REQUESTS**

**FIELD LEVEL ENCRYPTION REQUESTS**

**DEDICATED IP CUSTOM SSL  
CERTIFICATES ASSOCIATED WITH A  
CLOUDFRONT DISTRIBUTION**

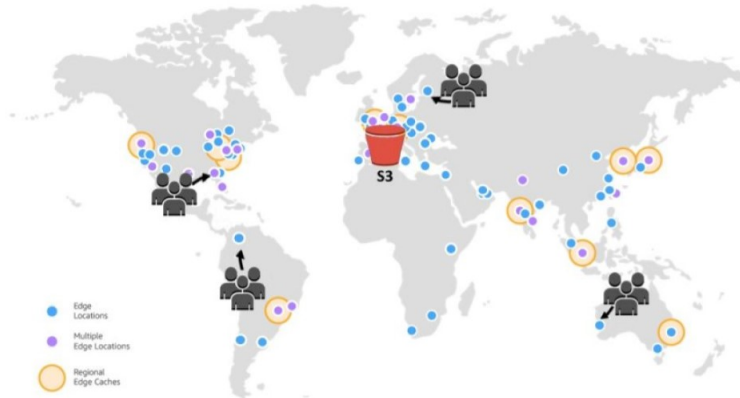
### Discounted Pricing

*For customers who are willing to make certain minimum traffic commits (typically 10 TB/month or higher)*

**CONTACT US**

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## Pricing



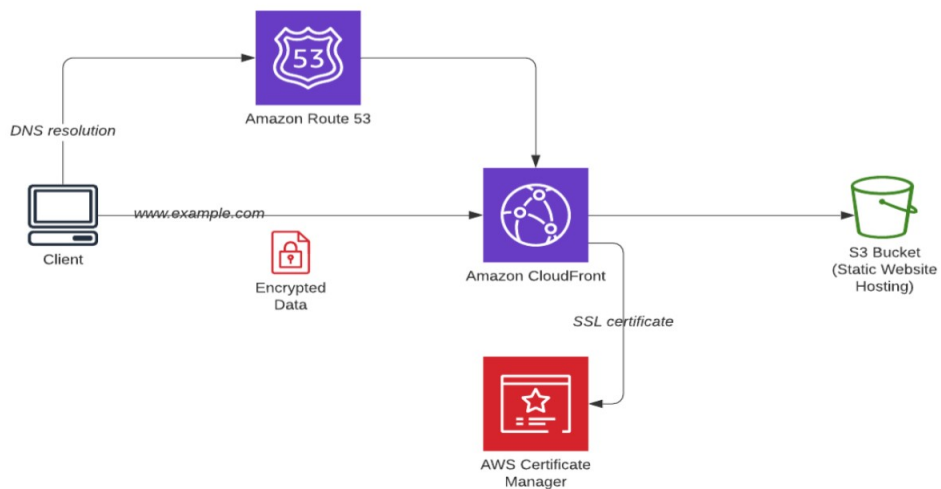
- Pricing varies depending on **region** and **usage**. Thus, to be more cost effective setup your configuration regarding your goal, methods, end users and geographic locations.

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## Hands on Scenario



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