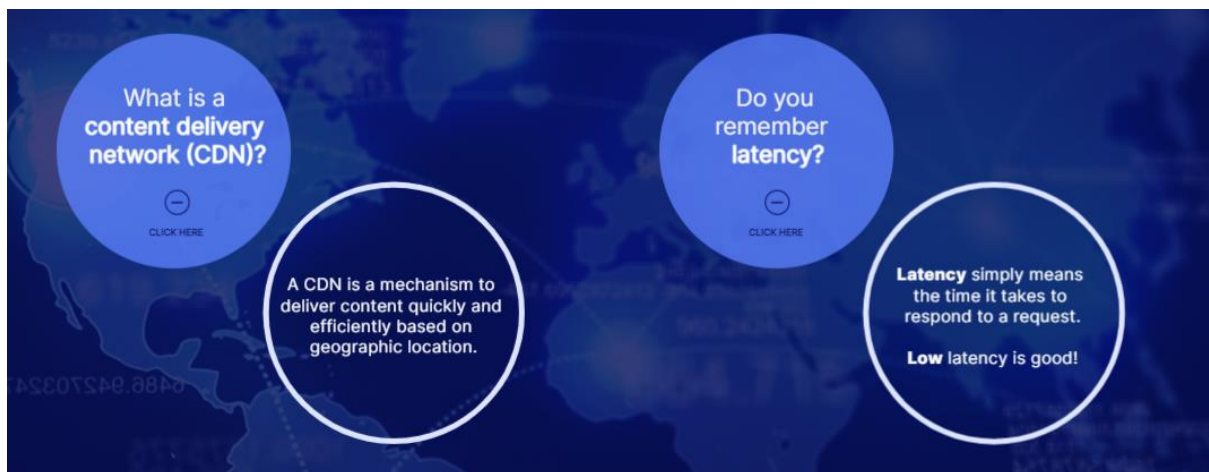
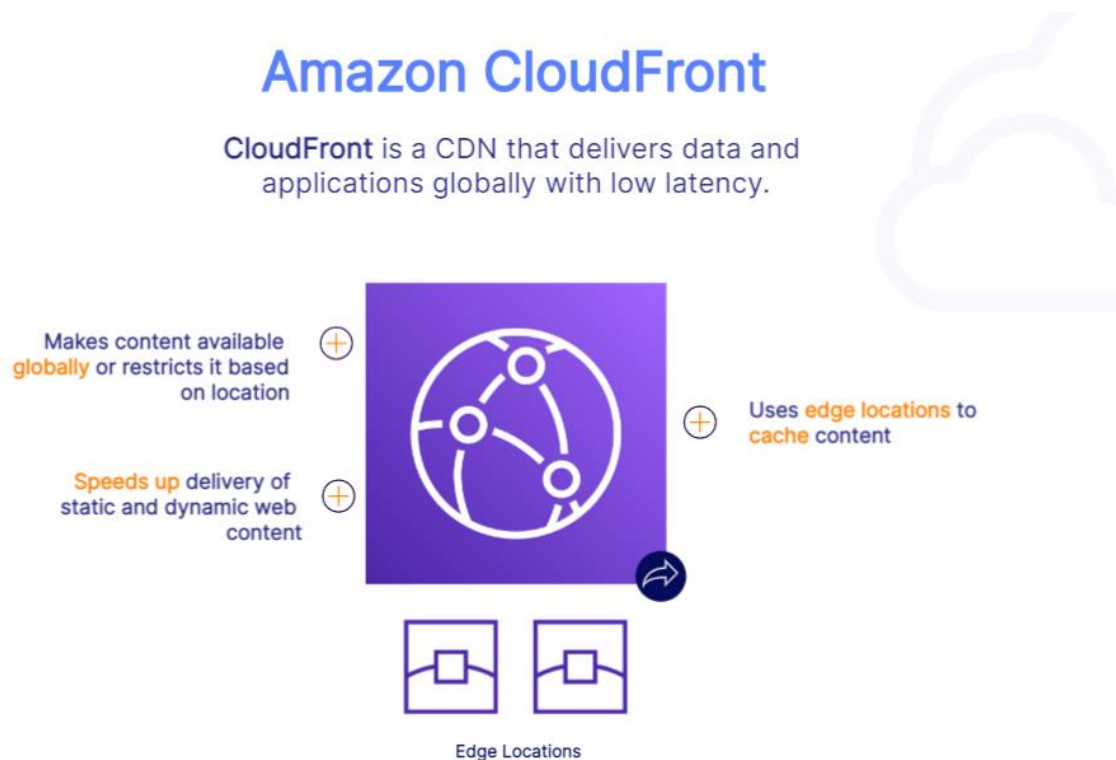
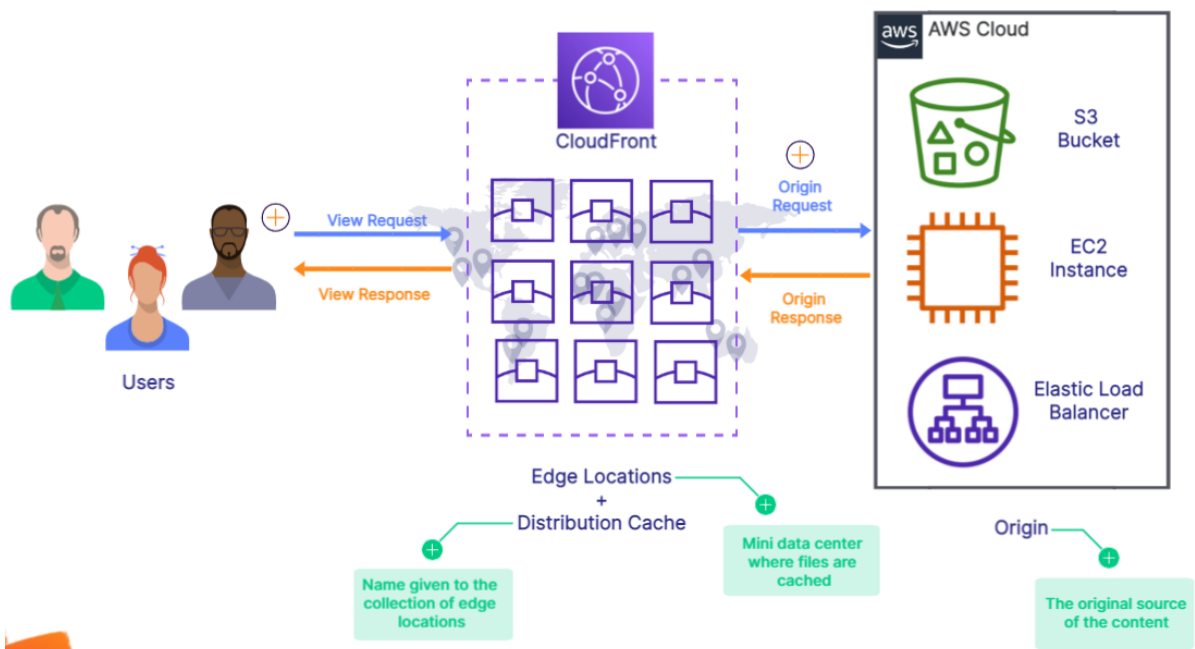


## Understanding Content Delivery Services:



## Amazon CloudFront:





**1 S3 static websites**

CloudFront is often used with S3 to deploy content globally.



**2 Prevent attacks**

CloudFront can stop certain web attacks, like DDoS. We'll talk more about DDoS in the security lesson.



**3 IP address blocking**

Geo-restriction prevents users in certain countries from accessing content.

## Amazon Global Accelerator

**Global Accelerator** sends your users through the AWS global network when accessing your content, speeding up delivery.

Improves **latency** and **availability** of single-Region **applications**

Sends traffic through the AWS **global network** infrastructure



**60%** performance boost

Automatically re-routes traffic to healthy available **regional endpoints**

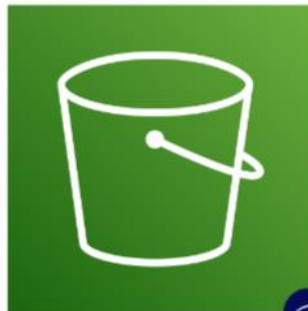


## Amazon S3 Transfer Acceleration

**S3 Transfer Acceleration** improves content uploads and downloads to and from S3 buckets.

**Fast transfer** of files over long distances

Uses CloudFront's **globally distributed edge locations**



Customers around the world can upload to a **central bucket**



# Things to Remember When Studying for the Exam



## CloudFront

Don't forget CloudFront allows for global distribution of content.



## Security Features

Don't forget CloudFront has security features like DDoS protection and geo-restriction.



## Global Accelerator

Remember Global Accelerator provides low latency.



## S3 Transfer Acceleration

Remember S3 Transfer Acceleration provides fast transfer of files over long distances.