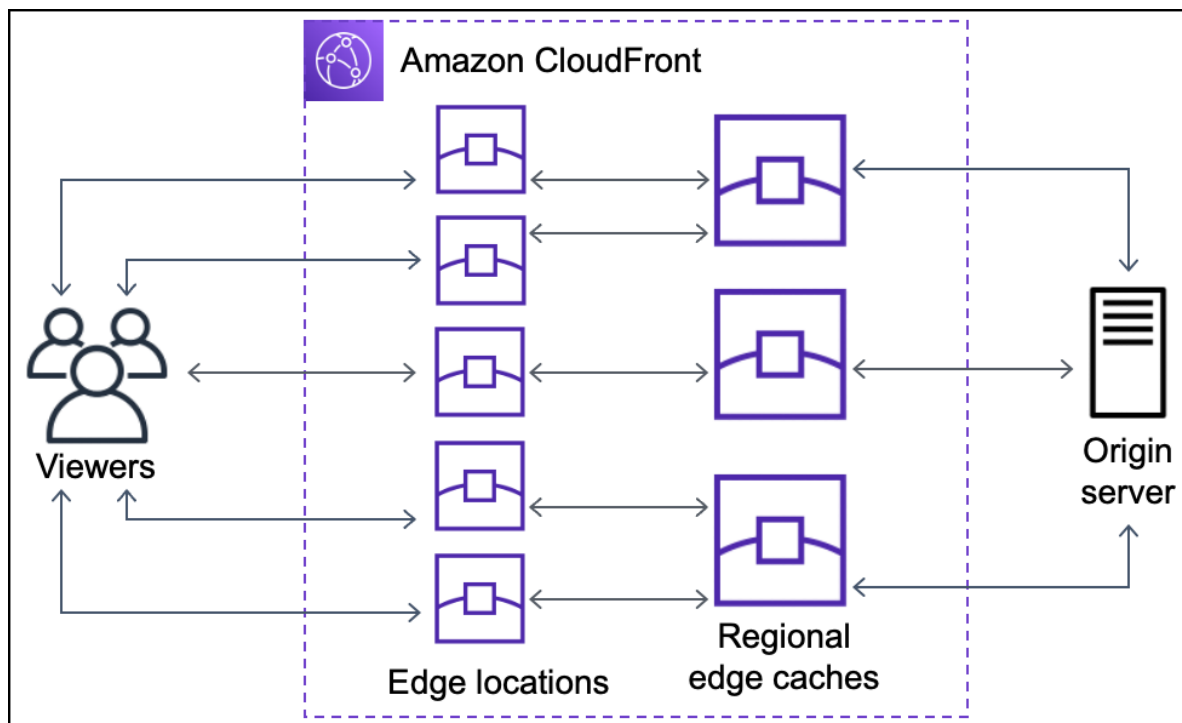




CloudFront

AWS CloudFront is a fast and highly secure content delivery network (CDN) service that accelerates the delivery of your websites, APIs, video content, and other web assets. It improves the performance of your applications by caching content at edge locations around the world, reducing latency and providing a better user experience.



Architecture diagram for inner working of CloudFront

CloudFront improves performance and reduces latency for both static content stored in a S3 bucket as well as dynamic content stored behind say, multiple Application Load balancers and EC2 instances. (i.e. Cloudfront distributions can have multiple services as their origins.) Also worth noting is that all Cloudfront distributions offer DDoS protection by default due to them having AWS Shield Advanced installed on them out-of-the-box.