- Optimizing caching and availability

- How caching works with CloudFront edge locations

- Increasing the proportion of requests that are served directly from the CloudFront caches (cache hit ratio)

- Using Amazon CloudFront Origin Shield

- Optimizing high availability with CloudFront origin failover

- Managing how long content stays in the cache (expiration)

- Caching content based on query string parameters

- Caching content based on cookies

- Caching content based on request headers