Lab 9: Demonstration of Amazon Cloudfront

Introduction:

Amazon CloudFront is a fast content delivery network (CDN) service that securely delivers data, videos, applications, and APIs to customers globally with low latency, high transfer speeds, all within a developer-friendly environment.

CloudFront offers the most advanced security capabilities, including field level encryption and HTTPS support, seamlessly integrated with AWS Shield, AWS Web Application Firewall and Route 53 to protect against multiple types of attacks including network and application layer DDoS attacks. These services co-reside at edge networking locations – globally scaled and connected via the AWS network backbone – providing a more secure, performant, and available experience for your users.

This hands-on lab will guide you through the steps to host static web content in an Amazon S3 bucket , protected and accelerated by Amazon CloudFront. Skills learned will help you secure your workloads in alignment with the AWS Well-Architected Framework .

Target Figure:

Lab Objective: Step by Step Demonstration to host static web content in an Amazon S3 bucket , protected and accelerated by Amazon CloudFront.

Take the snapshots of all performed tasks for the given scenario and create a doc/pdf of your enrolment number_lab09 (Ex: E18CSE032_Lab09) and upload the file on LMS.

Details Steps:

https://www.wellarchitectedlabs.com/security/100_labs/100_cloudfront_with_s3_bucket_origin/

Official AWS Web Url:

https://docs.aws.amazon.com/AmazonCloudFront/latest/DeveloperGuide/Introduction.html