Static Website Hosting using Amazon S3 & CloudFront

Project Overview

This project demonstrates hosting a static website on Amazon S3 and delivering it globally using CloudFront with HTTPS and low latency.

Architecture

User -> CloudFront -> S3

AWS Services Used

- Amazon S3
- Amazon CloudFront
- AWS IAM
- Amazon Route 53 (Optional)

Deployment Steps

1. Create static HTML files
2. Create an S3 bucket
3. Upload website files
4. Enable static website hosting
5. Apply public bucket policy
6. Disable block public access
7. Create CloudFront distribution
8. Access website using CloudFront URL

Benefits of CloudFront

- Global delivery
- HTTPS support
- Faster performance
- Reduced S3 load

Resume Line

Deployed a static website using Amazon S3 and CloudFront with HTTPS and global CDN support.

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