

Project 2 Web Hosting Instructions

Jacob Burke, Isabella Cortez, Freddy Lopez, Daniel Willard, Simon Zhao
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Document Summary:

This document is intended for system administrators and details the process taken to set up a static website on Amazon Web Services. This guide is intended for the instructor teaching Computer Science 422 Software Methodologies on how the project was hosted outside of ix-dev. This document goes through step by step through setting up the website, from registering the domain on Amazon's Domain Name Server, allocating memory through Simple Static Storage (S3), adding domain aliases through Route 53, and securing and setting up a Secure Sockets Layer connection through CloudFront.

Static Website Setup Instructions:

1. Purchase/Register Domain Name
2. Create AWS Account
3. Setup Hosted Zone on Route 53
4. Setup S3 Buckets
5. Add Alias Records to Route 53
6. Purchase SSL Certificate
7. Add SSL Certificate through CloudFront

References:

<https://victoria.dev/blog/hosting-your-static-site-with-aws-s3-route-53-and-cloudfront/>

<https://www.freecodecamp.org/news/a-beginners-guide-on-how-to-host-a-static-site-with-aws/>

<https://github.com/open-guides/og-aws?tab=readme-ov-file>