Project 3 Phase 1 Documentation

Provide a list of all services you used to create the secure website.

1. List why each service was needed.
2. Draw a flow chart on the order and dependencies of each service you used.

AWS S3 Bucket

Any quantity of data can be stored in Amazon S3, It is an object storage system with a straightforward web service interface, and retrieved from anywhere on the internet. It is intended to be 99% durable and scale past billions of things globally. You only need to upload files to an S3 bucket and set up your S3 bucket for web hosting to use S3 for a static website.

NameCheap.com

A domain name registrar with ICANN accreditation, Namecheap offers both domain name registration and web hosting.

AWS CloudFront

A content delivery network called Amazon CloudFront is run by Amazon Web Services. In order to improve access speed for downloading the material, content delivery networks offer a globally dispersed network of proxy servers that cache content, like web videos or other large media, more locally for customers.

AWS Route 53

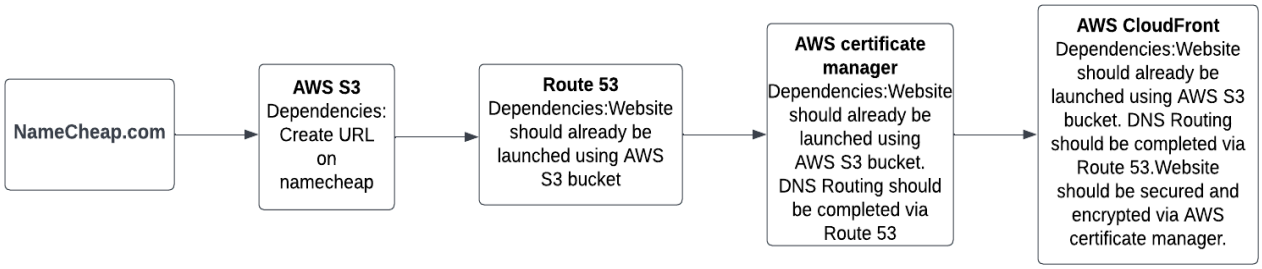
Amazon Route 53 is a scalable and highly available Domain Name System (DNS) web service. Domain registration, DNS routing, and health checking are the three main tasks that Route 53 can be used for. We utilized Route 53 in this instance for DNS routing. Route 53 assists in establishing a connection between a user's web browser and your website or web application when they open a web browser and type your domain name (example.com) or subdomain name (acme.example.com) in the address bar.

AWS Certificate Manager.

You may provision, maintain, and renew publicly trustworthy TLS certificates for AWS-based websites with the aid of ACM, an AWS service. The operation, encryption,

and security of interactions between a client and server depend heavily on certificate management.

FlowChart



Flowchart is also accessible @ https://lucid.app/lucidchart/cd202c72-5926-4157-84d2-37c9200ead15/edit?viewport_loc=-53%2C-17%2C2219%2C989%2C0_0&invitationId=inv_0de41bf7-8a30-499c-8123-47f09b6d5285