Static Website Hosting on AWS

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Created Buckets for website hosting.

1. Created Bucket q-skipper.com at oregon location.
2. Created Bucket quantumbrisk.com at Oregon location.
3. Uploaded content in q-skipper.com and quantumbrisk.com.
4. Set index.html and error.html file in website hosting to both bucket.
5. Select all objects in bucket and make it public so it will accessible globally.
6. Created 2 more buckets as a backup of website code, These buckets should be private with Non-web hosting. Name of buckets are q-skipperbackup and quantumbriskbackup.

Obtained Secure sertificate of Domains for cloudfront:

Get ACM certificate from **N Virginia** region (Only this edge locations certificate we can use for CloudFront)

1. Click Request a Certificate.
2. Put your domain name.
3. Put your sub-domain name.
4. Click on Next button
5. Select Email Validation option Click to review.
6. Review domain certificate request and click confirm and request button.

Create CloudFront Distribution for your domain:

Go to the AWS CloudFront domain

1. Click on Create Distribution.
2. Select Web Section and Click on Get Started.
3. In origin setting Click on Origin Domain Name and select bucket q-skipper.com
4. In Default Cache Behavior Settings section Choose Viewer Protocol Policy as Redirect HTTP to HTTPS, In Allowed HTTP Methods select GET, HEAD.
5. In Distribution Settings Choose Alternate Domain Names (CNAMEs) in my case I entered q-skipper.com, in Default Root Object enter index.html, In SSL Certificate section click Custom SSL Certificate (example.com): and choose q-skipper.com DV certificate.
6. Click on Create Distribution button and wait around 45 minutes to apply settings on all edge locations.

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