Advanced Cloud DevOps Nanodegree Program



INFORMATION FOR USER

o NAME: Aya Rabih Mostafa

o Project : Deploy Static Website on AWS

o USER: 598824656916

o LINK PROJECT: https://d3g7c4ah6f8c9c.cloudfront.net/

PROJECT OVERVIEW

The cloud is perfect for hosting static websites that only include HTML, CSS, and JavaScript files that require no server-side processing. The whole project has two major intentions to implement:

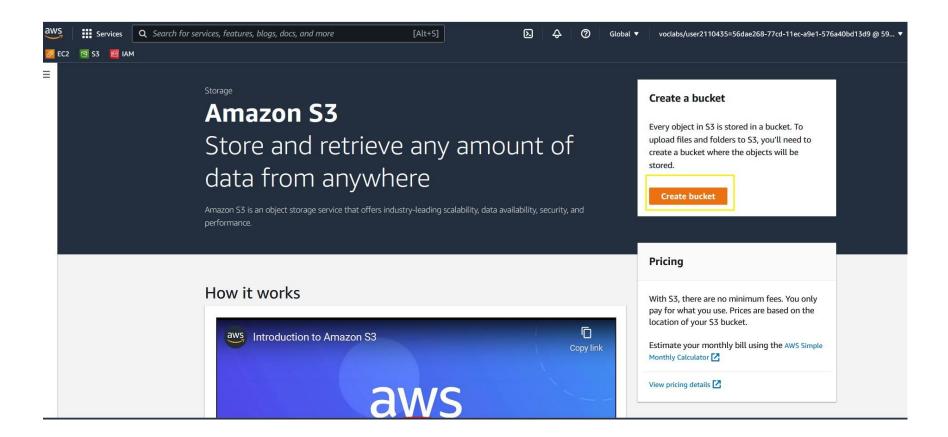
Hosting a static website on S3 and

Accessing the cached website pages using Cloud Front content delivery network (CDN) service. Recall that Cloud Front offers low latency and high transfer speeds during website rendering.

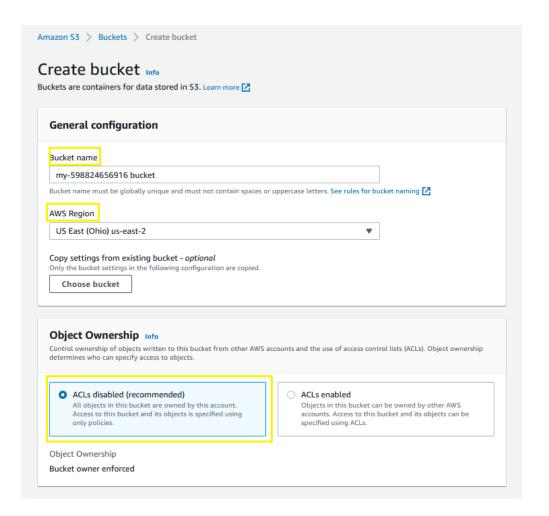
Note that Static website hosting essentially requires a public bucket, whereas the Cloud Front can work with public and private buckets.

- ➤ In this project, you will deploy a static website to AWS by performing the following steps:
- 1. You will create a public S3 bucket and upload the website files to your bucket.
- 2. You will configure the bucket for website hosting and secure it using IAM policies.
- 3. You will speed up content delivery using AWS's content distribution network service, Cloud Front.
- 4. You will access your website in a browser using the unique Cloud Front endpoint.

- 1) You will create a public S3 bucket and upload the website files to your bucket.
 - Click create bucket



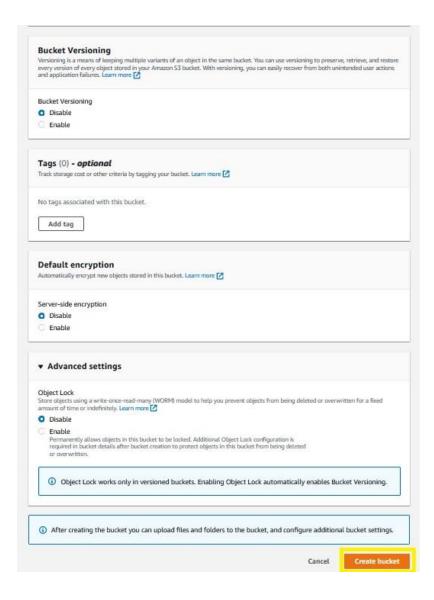
- > Click create bucket name
- ➤ Click create Region you will create your bucket there
- > Click create Acls disabled



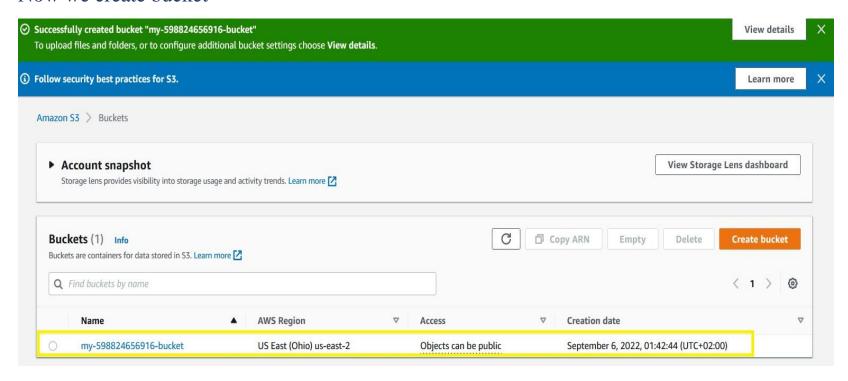
- ➤ Click to remove block all public access
- > Click to sure that you want be public



➤ Click create bucket

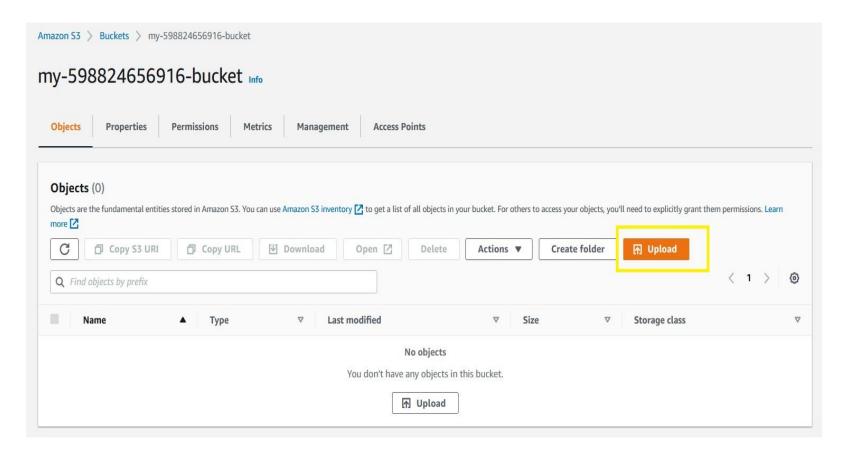


> Now we create bucket

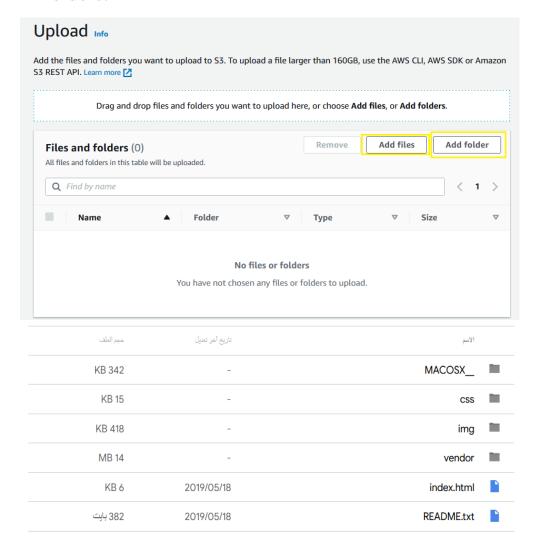


2. You will configure the bucket for website hosting and secure it using IAM policies

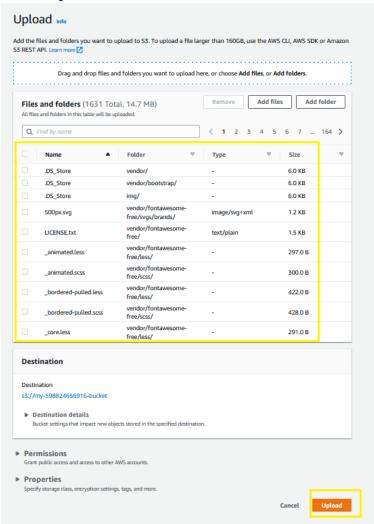
➤ Upload files to S3 Bucket



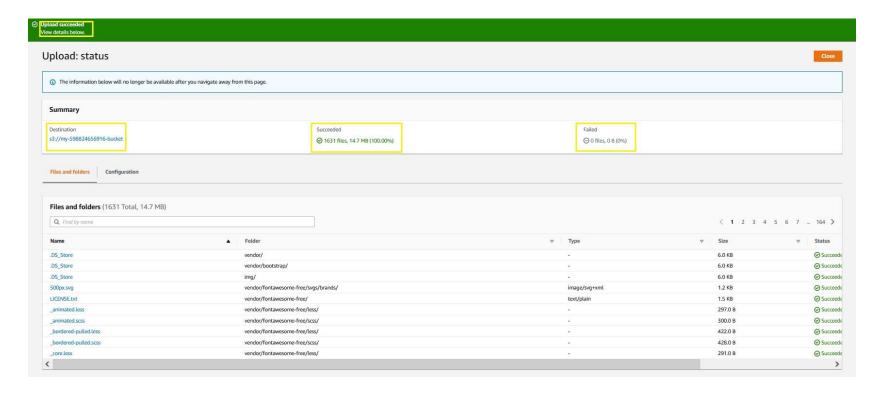
➤ Click "Add files" to upload the index.html file, and click "Add folder" to upload the css, img, and vendor folders.



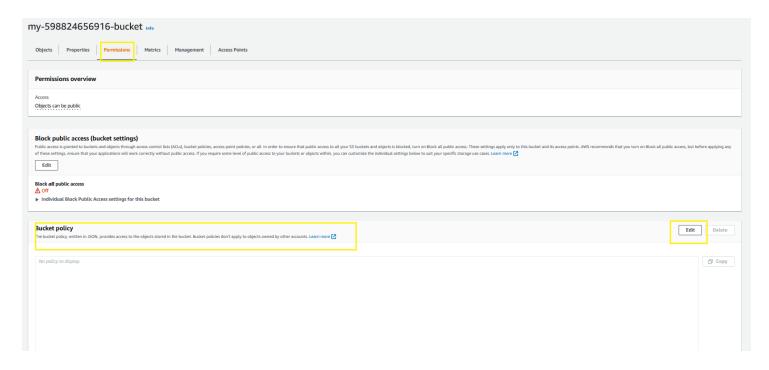
➤ Now update files to S3 Bucket



➤ Now complete update files to S3 Bucket

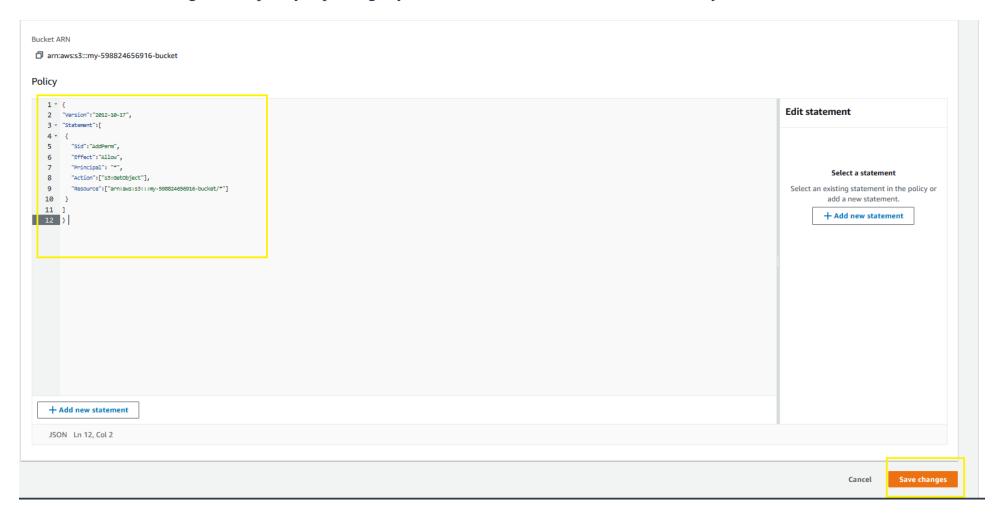


1. Click on the "Permissions" tab.



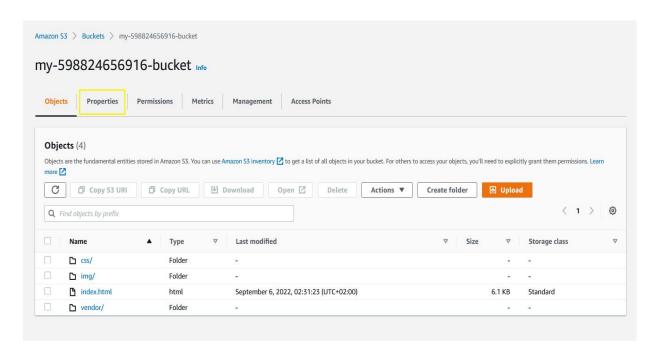
2. The "Bucket Policy" section shows it is empty. Click on the Edit button.

3- Enter the following bucket policy replacing my-598824656916-bucketwith the name of your bucket and click "Save".

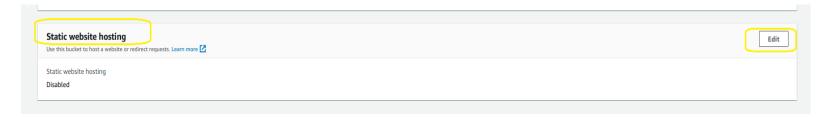


CONFIGURE S3 BUCKET

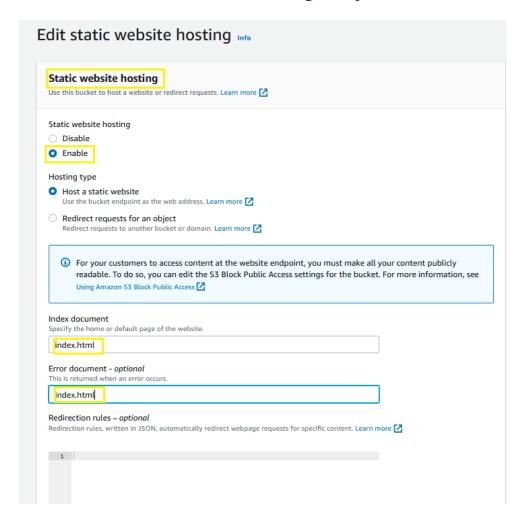
1. Go to the Properties tab and then scroll down to edit the Static website hosting section



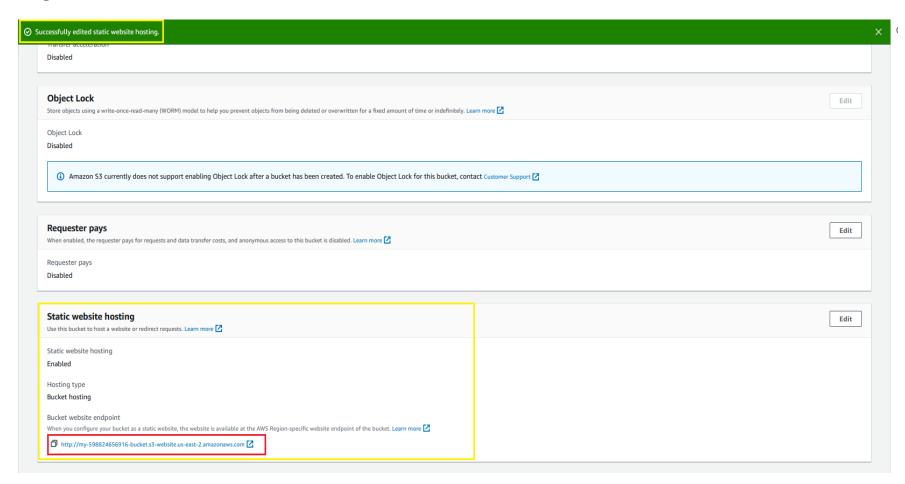
2. Click on the "Edit" button to see the Edit static website hosting screen.



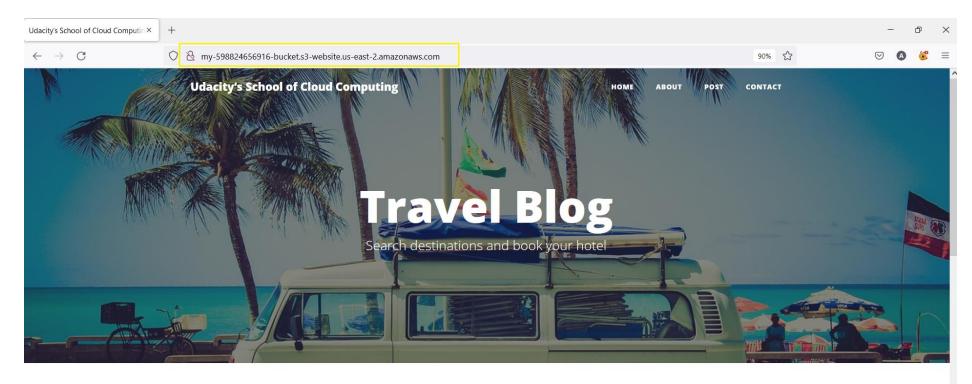
3. Now, enable the Static website hosting, and provide the default home page and error page for your website.



4. Check the **Static website hosting** section again under the **Properties** tab. You must now be able to view the website endpoint as shown below:



5. Copy the website endpoint for future use (WE GIT IT)



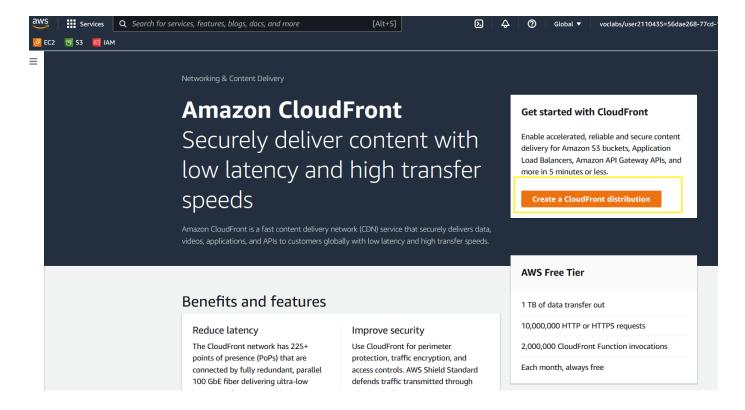
The Most Popular Destinations for Solo Travelers

Here are the spots where you're most likely to meet other people who are traveling alone.

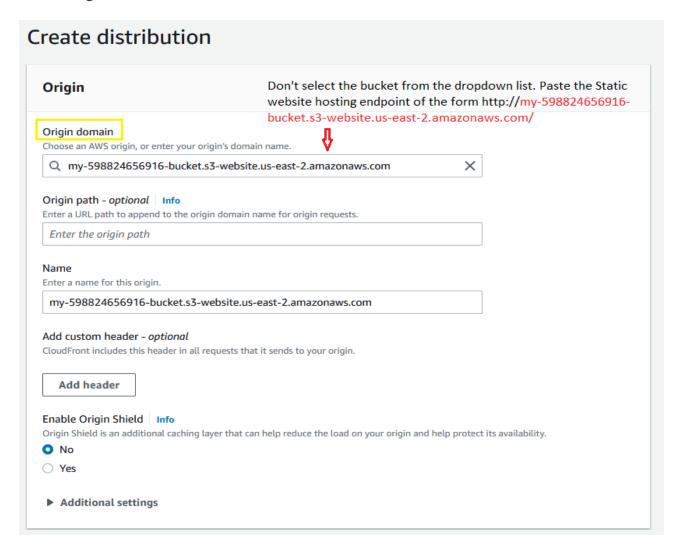
Posted by Jane Doe on September 24, 2019

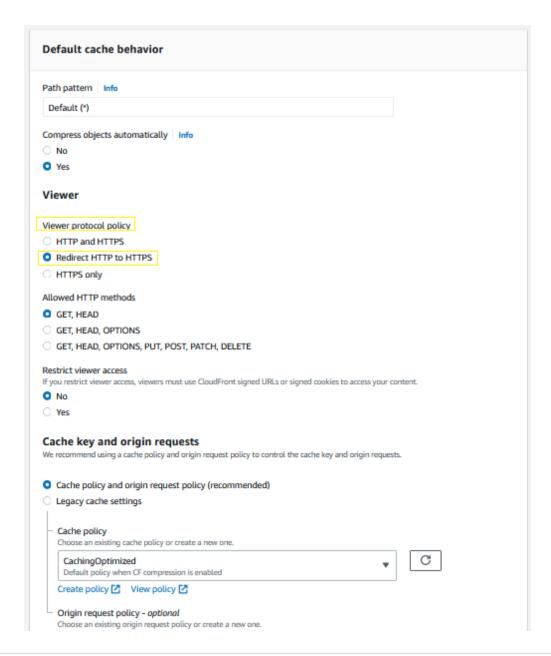
Distribute Website via CloudFront

- 1. Select "cloud front"
- 2. Click "Create Distribution".

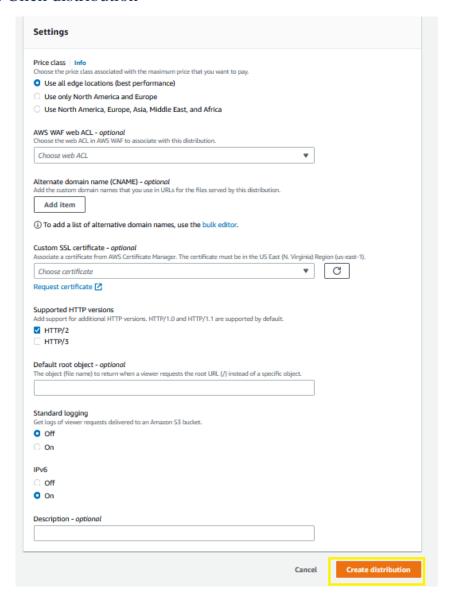


3. Configure distribution

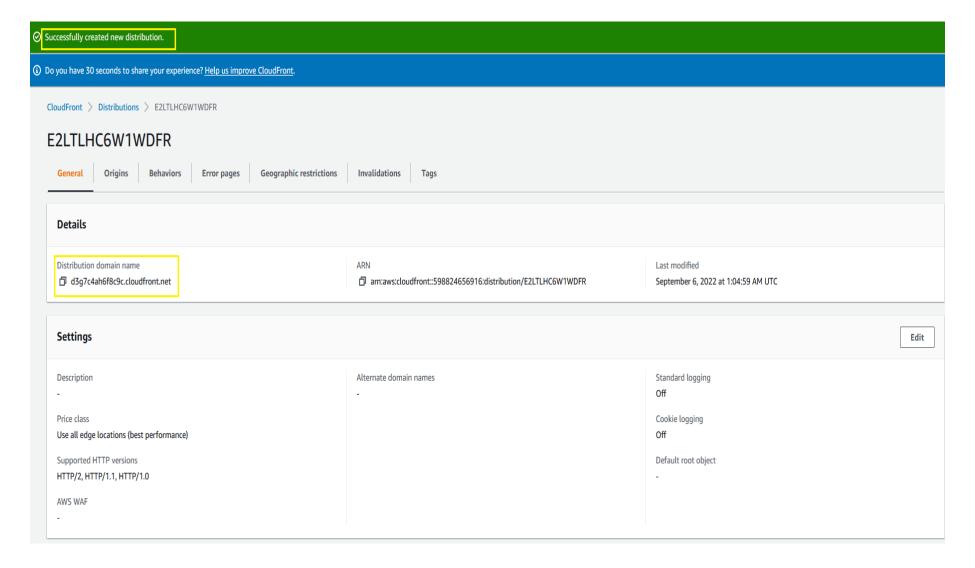




5. Click distribution

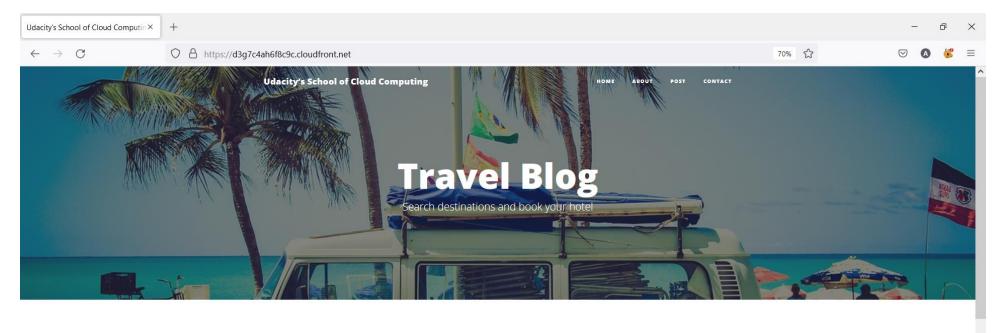


- 6. now all things is perfect distribution
- 7. get link cope and past in new tap



✓ NOW JOB DONE

https://d3g7c4ah6f8c9c.cloudfront.net/



The Most Popular Destinations for Solo Travelers

Here are the spots where you're most likely to meet other people who are traveling alone.

Posted by Jane Doe on September 24, 2019

This Site Connects Solo Travelers Who Are Looking for Someone to Travel and Split Expenses With.

Posted by Jane Doe on September 18, 2019