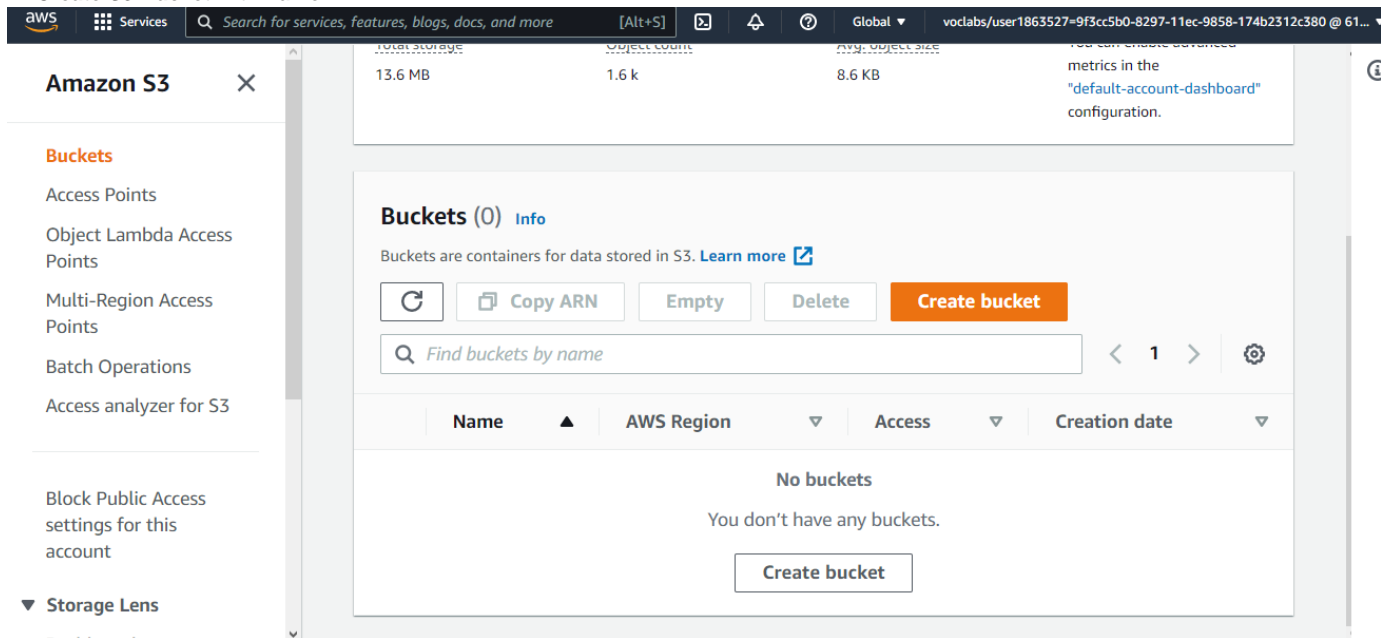
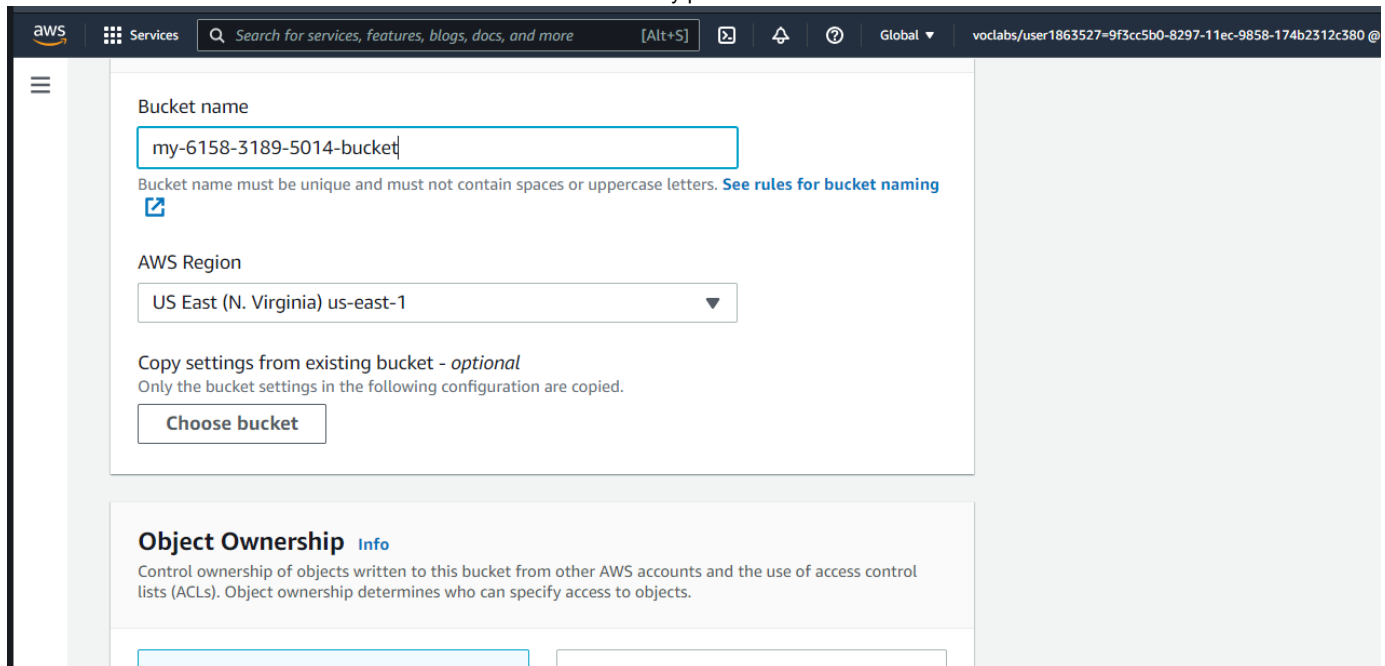


Deploy Static Website on AWS

1 - Create S3 Bucket with name



create new Bucket by press on Create bucket



choose unique bucket name i called it (my-6158-3189-5014-bucket)

2- Upload website files on s3 bucket by click on upload

my-6158-3189-5014-bucket [Info](#)

Objects

Properties

Permissions






Metrics





Management

Access Points

Objects (0)

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

  Copy S3 URI  Copy URL  Download  Open

 Delete  Actions  Create folder  Upload

< 1 > 

<input type="checkbox"/>	Name ▲	Type ▼	Last modified ▼	Size ▼	Storage class ▼
--------------------------	--------	--------	-----------------	--------	-----------------

No objects



Services

[Alt+S]








Global ▼





voclabs/user1863527-9







Objects (4)

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

  Copy S3 URI  Copy URL  Download  Open

 Delete  Actions  Create folder  Upload

< 1 > 

<input type="checkbox"/>	Name ▲	Type ▼	Last modified ▼	Size ▼	Storage class ▼
<input type="checkbox"/>	 css/	Folder	-	-	-
<input type="checkbox"/>	 img/	Folder	-	-	-
<input type="checkbox"/>	 index.html	html	March 16, 2022, 16:26:48 (UTC+02:00)	6.1 KB	Standard
<input type="checkbox"/>	 vendor/	Folder	-	-	-

website files and folders

3- Secure Bucket via IAM

aws

Services

Q Search for services, features, blogs, docs, and more [Alt+S]

Global

voclabs/user

Bucket ARN

arn:aws:s3:::my-6158-3189-5014-bucket

Policy

1 {

2 "Version": "2012-10-17",

3 "Statement": [

4 {

5 "Sid": "AddPerm",

6 "Effect": "Allow",

7 "Principal": "*",

8 "Action": ["s3:GetObject"],

9 "Resource": ["arn:aws:s3:::my-6158-3189-5014-bucket",

10 "/*"]

11 }

12]

13 }

Edit statement

AddPerm

Remove

1. Add actions

Choose a service

Filter services

Included

S3

Available

AMP

API Gateway

API Gateway V2

Access Analyzer

Account

Edit bucket policy and give this policy with website name (bucket name) (my-6158-3189-5014-bucket)

4- Configure S3 Bucket

Static website hosting

Use this bucket to host a website or redirect requests. [Learn more](#)


Edit

Static website hosting

Disabled

click on edit option to edit static website configuration



Static website hosting



Use this bucket to host a website or redirect requests. [Learn more](#) 

Static website hosting

- ☐ Disable
- ☒ Enable

Hosting type

- ☒ Host a static website
Use the bucket endpoint as the web address. [Learn more](#) 
- ☐ Redirect requests for an object
Redirect requests to another bucket or domain. [Learn more](#) 

 For your customers to access content at the website endpoint, you must make all your content publicly readable. To do so, you can edit the S3 Block Public Access settings for the bucket. For more information, see [Using Amazon S3 Block Public Access](#) 

make static website hosting enable

Index document

Specify the home or default page of the website.


index.html

Error document - *optional*

This is returned when an error occurs.

error.html

Redirection rules – *optional*

Redirection rules, written in JSON, automatically redirect webpage requests for specific content. [Learn more](#) 

in index document section write website file index.html

⊙ Successfully edited static website hosting.

Static website hosting

Use this bucket to host a website or redirect requests. [Learn more](#)

Static website hosting

Enabled

Hosting type

Bucket hosting

Bucket website endpoint

When you configure your bucket as a static website, the website is available at the AWS Region-specific website endpoint of the bucket. [Learn more](#)

<http://my-6158-3189-5014-bucket.s3-website-us-east-1.amazonaws.com>

Edit

5- Publish website for public by cloudfront service

aws

Services

Search for services, features, blogs, docs, and more

[Alt+S]

Global

voclabs/user1863527-9f3cc5b0-8297-11ec-9858-174b2312c380 @ 61...

Networking & Content Delivery

Amazon CloudFront

Securely deliver content with low latency and high transfer speeds

Amazon CloudFront is a fast content delivery network (CDN) service that securely delivers data, videos, applications, and APIs to customers globally with low latency and high transfer speeds.

Get started with CloudFront

Enable accelerated, reliable and secure content delivery for Amazon S3 buckets, Application Load Balancers, Amazon API Gateway APIs, and more in 5 minutes or less.

Create a CloudFront distribution

click on create a cloudfront distribution

6 - in the Origin domain put static website hosting end point and configure Cache behavior, key and origin requests

CloudFront > Distributions

Distributions (1) Info

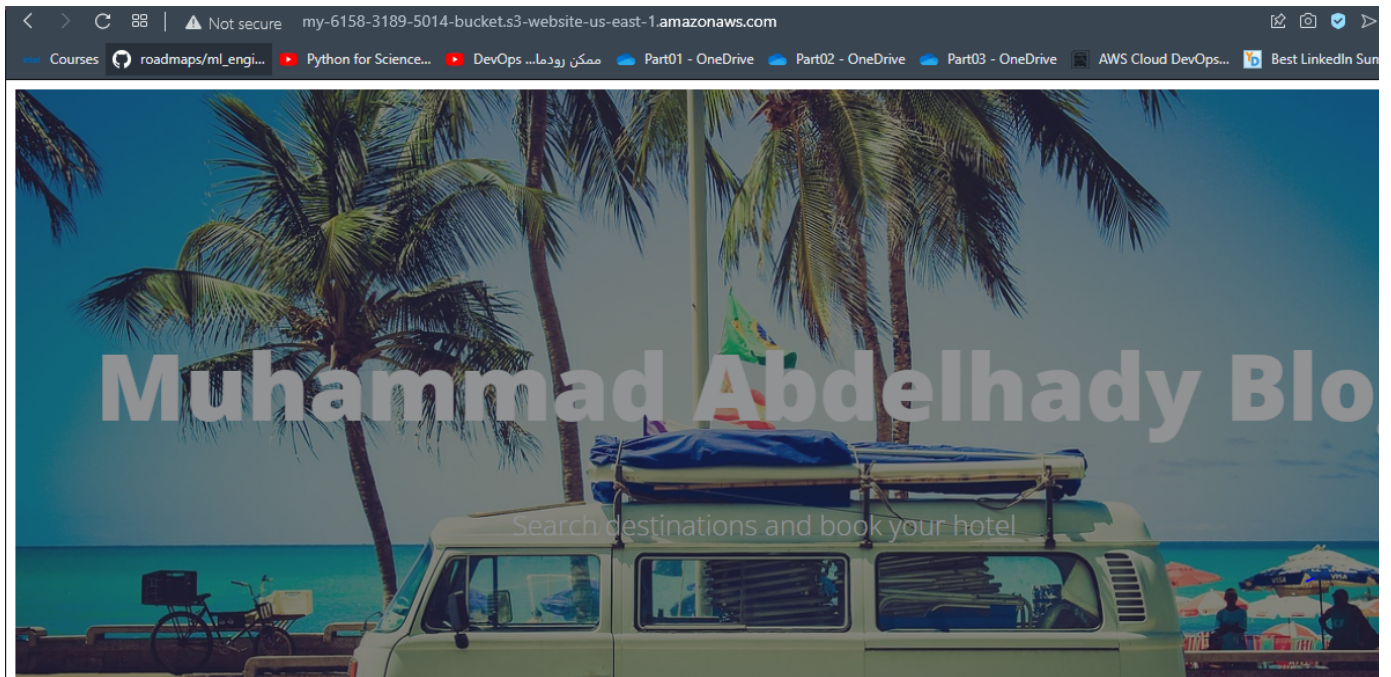
Enable Disable Delete Create distribution

Search all distributions

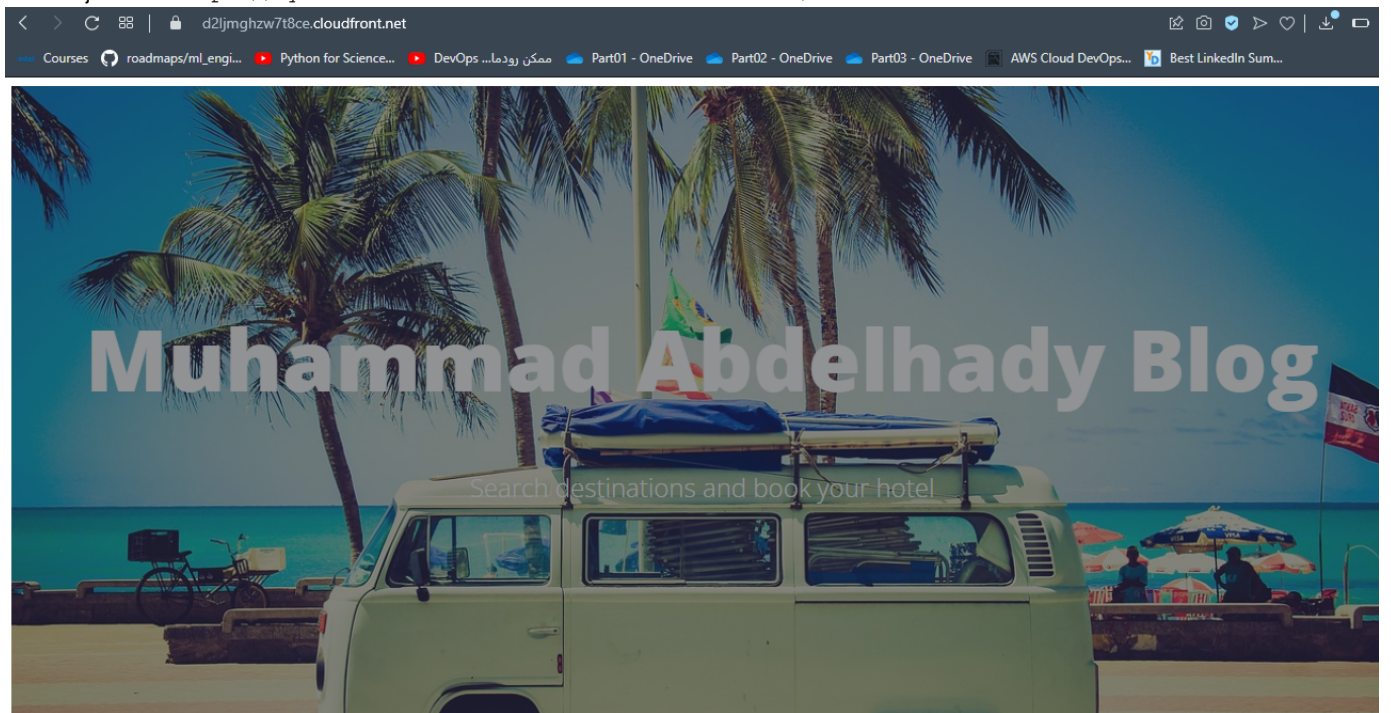
ID	Descrip...	Domain name	Alterna...	Origins	Status
E7YVZV8R5YNQL	-	d2ljmghzw7t8ce.cloudfront.net	-	my-6158-3189-	Enabled

take domain name copy and paste it in your browser

7- open website in your browser



Access the website via website-endpoint <http://my-6158-3189-5014-bucket.s3-website-us-east-1.amazonaws.com> Access the bucket object via its S3 object URL <https://my-6158-3189-5014-bucket.s3.amazonaws.com/index.html>



open website by domain name of cloudfront <https://d2ljmghzw7t8ce.cloudfront.net>