

us-east-1.console.aws.amazon.com/dynamodbv2/home?region=us-east-1#table?name=my-imag-table

Gmail YouTube ChatGPT Twitch Sakai MIU Portal infosys MIU Registration NeetCode Problems - LeetCode LinkedIn GitHub

aws Services Search [Alt+S] N. Virginia Kinbel Mengesha

S3 EC2 VPC IAM Billing and Cost Management EFS RDS CloudFront Elastic Beanstalk Lambda API Gateway Cognito DynamoDB Amazon DocumentDB Elasti

### DynamoDB

Dashboard  
Tables  
Explore items  
 PartiQL editor  
Backups  
Exports to S3  
Imports from S3  
Integrations **New**  
Reserved capacity  
Settings

▼ DAX  
Clusters  
Subnet groups  
Parameter groups  
Events

DynamoDB > Tables > my-imag-table

#### my-imag-table

Refresh Actions Explore table items

< Overview Indexes Monitor Global tables Backups Exports and streams >

**Protect your DynamoDB table from accidental writes and deletes**  
When you turn on point-in-time recovery (PITR), DynamoDB backs up your table data automatically so that you can restore to any given second in the preceding 35 days. Additional charges apply. [Learn more](#)

Edit PITR

#### General information info

Partition key email (String)	Sort key datetime (String)	Capacity mode <u>Provisioned</u>	Table status Active
Alarms No active alarms	Point-in-time recovery (PITR) <a href="#">info</a> Off	Resource-based policy <a href="#">info</a> Not active	

© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

CloudShell Feedback

12:49 PM 10/16/2024

us-east-1.console.aws.amazon.com/apigateway/main/apis/htuupzghvj/resources/?api=htuupzghvj&experience=rest&region=us-east-1

Gmail YouTube ChatGPT Twitch Sakai MIU Portal infosys MIU Registration NeetCode Problems - LeetCode LinkedIn GitHub

aws Services Search [Alt+S] N. Virginia Kinbel Mengesha

S3 EC2 VPC IAM Billing and Cost Management EFS RDS CloudFront Elastic Beanstalk Lambda API Gateway Cognito DynamoDB Amazon DocumentDB ElastiCa

### API Gateway

APIs  
Custom domain names  
VPC links

▼ API: my-api-gateway-image  
Resources  
Stages  
Authorizers  
Gateway responses  
Models  
Resource policy  
Documentation  
Dashboard  
API settings  
Usage plans

API Gateway > APIs > Resources - my-api-gateway-image (htuupzghvj)

#### Resources

API actions Deploy API

Create resource

OPTIONS  
POST

#### Resource details

Update documentation Enable CORS

Path / Resource ID fqj9rphyc

#### Methods (2)

Delete Create method

Method type	Integration type	Authorization	API key
<input type="radio"/> OPTIONS	Mock	None	Not required
<input type="radio"/> POST	Lambda	None	Not required

© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

CloudShell Feedback

12:53 PM 10/16/2024

us-east-1.console.aws.amazon.com/lambda/home?region=us-east-1#/functions/image-uploader-func?tab=code

Function overview

Diagram

image-uploader-func

Layers (0)

API Gateway

+ Add destination

+ Add trigger

Description

Last modified: 1 hour ago

Function ARN: arn:aws:lambda:us-east-1:970547351397:func:image-uploader-func

Function URL: [Info](#)

Code

Test

Monitor

Configuration

Aliases

Versions

Code source

Upload from

Export to Application Composer

Download

Info

Tutorials

Learn how to implement common use cases in AWS Lambda.

Create a simple web app

In this tutorial you will learn how to:

- Build a simple web app, consisting of a Lambda function with a function URL that outputs a webpage
- Invoke your function through its function URL

[Learn more](#)

[Start tutorial](#)

CloudShell

Feedback

© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

12:53 PM 10/16/2024

us-east-1.console.aws.amazon.com/lambda/home?region=us-east-1#/functions/image-uploader-func?tab=code

File Edit Find View Go Tools Window

Test

Deploy

Go to Anything (Ctrl-P)

Environment

image-uploader-func

index.mjs

```
1 import { s3Client, PutObjectCommand } from "@aws-sdk/client-s3";
2 import { SNSClient, PublishCommand } from "@aws-sdk/client-sns";
3 import { DynamoDBClient, PutItemCommand } from "@aws-sdk/client-dynamodb";
4 import { getSignedUrl } from "@aws-sdk/s3-request-presigner";
5
6 const s3 = new S3Client({ region: "us-east-1" });
7 const sns = new SNSClient({ region: "us-east-1" });
8 const dynamoDB = new DynamoDBClient({ region: "us-east-1" });
9
10 const SNS_TOPIC_ARN = "arn:aws:sns:us-east-1:970547351397:image-topic";
11 const DYNAMODB_TABLE_NAME = "my-imag-table";
12
13 export const handler = async (event) => {
14   try {
15     const { filename, contentType, email } = JSON.parse(event.body);
16     console.log(filename, contentType, email);
17     const bucketName = "image-bucket-for-backend";
18
19     // Generate pre-signed URL
20     const uploadParams = {
21       Bucket: bucketName,
22       Key: filename,
23       ContentType: contentType,
24     };
25     const command = new PutObjectCommand(uploadParams);
26
27     const uploadURL = await getSignedUrl(s3, command, { expiresIn: 60 });
28
29     // Save data to DynamoDB
30     const timestamp = new Date().toISOString();
31     const item = {
32       email: { S: email },
33       imageUrl: { S: `https://${bucketName}.s3.amazonaws.com/${filename}` },
34       datetime: { S: timestamp },
35     };
36   }
37 }
```

Environment Var

Execution results

Info

Tutorials

Learn how to implement common use cases in AWS Lambda.

Create a simple web app

In this tutorial you will learn how to:

- Build a simple web app, consisting of a Lambda function with a function URL that outputs a webpage
- Invoke your function through its function URL

[Learn more](#)

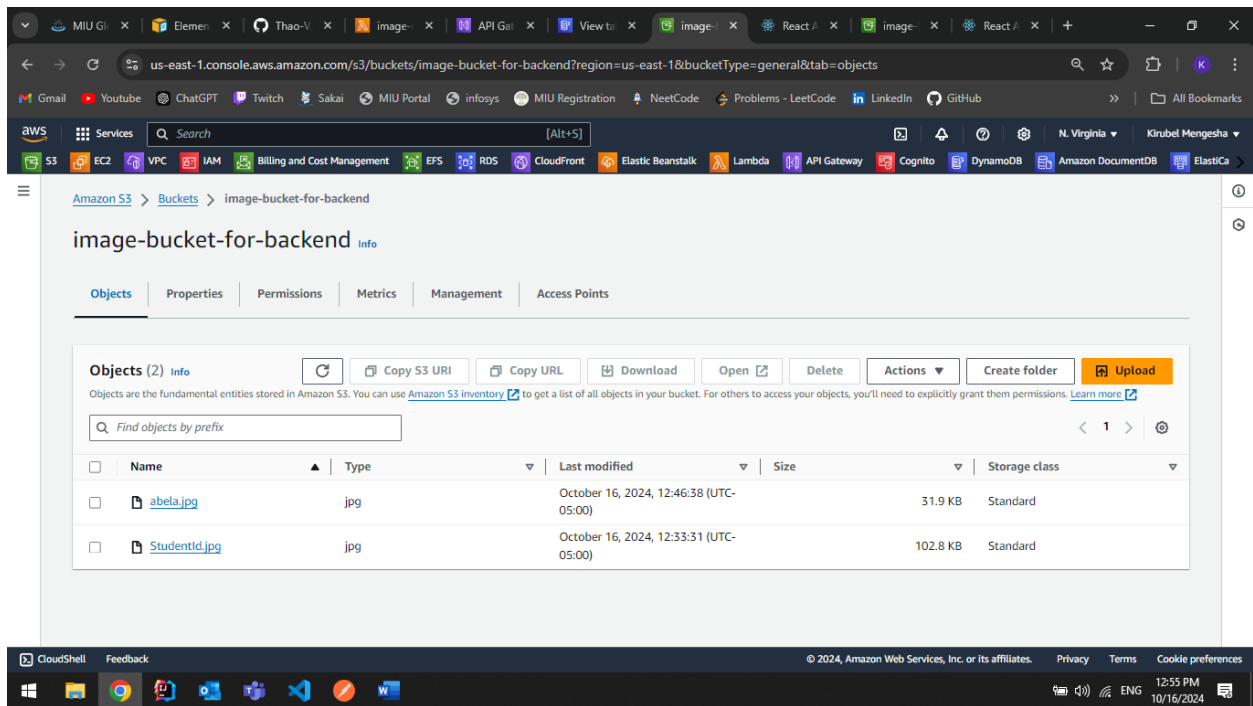
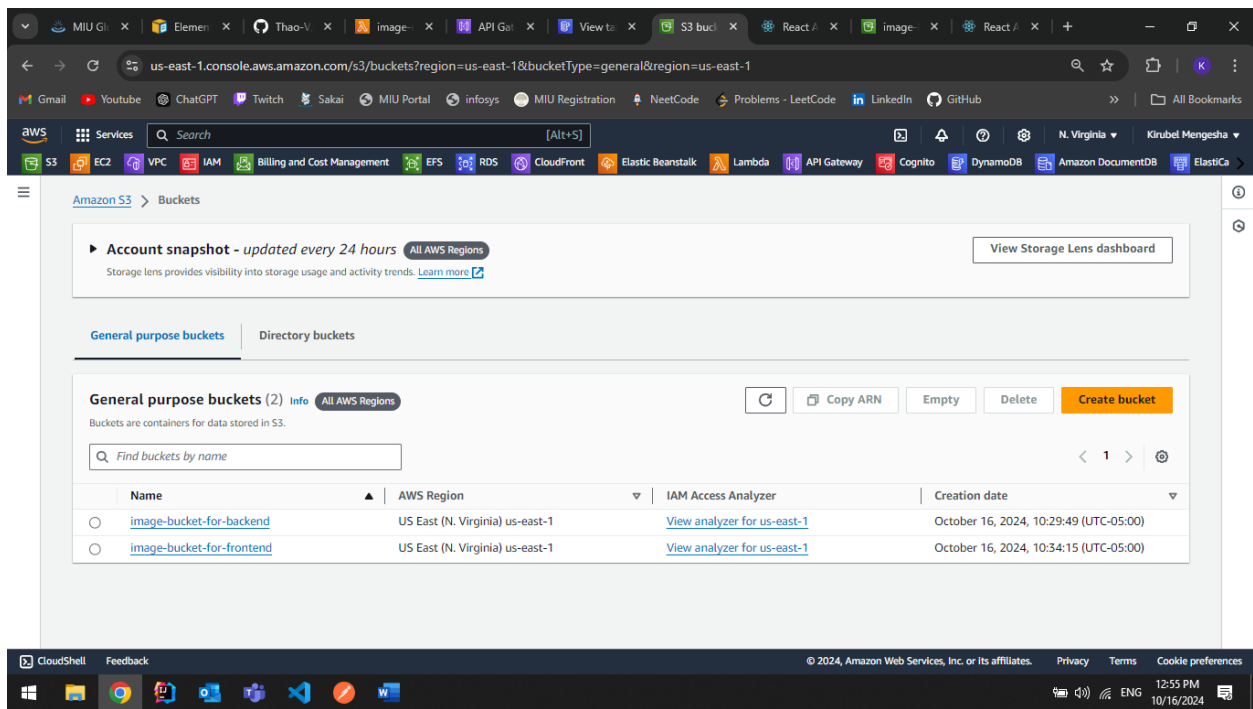
[Start tutorial](#)

CloudShell

Feedback

© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

12:54 PM 10/16/2024



us-east-1.console.aws.amazon.com/s3/buckets/image-bucket-for-frontend?region=us-east-1&bucketType=general&tab=objects

image-bucket-for-frontend

### image-bucket-for-frontend

Objects (8)

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](#)

Find objects by prefix

Name	Type	Last modified	Size	Storage class
<a href="#">asset-manifest.json</a>	json	October 16, 2024, 11:21:44 (UTC-05:00)	517.0 B	Standard
<a href="#">favicon.ico</a>	ico	October 16, 2024, 11:21:44 (UTC-05:00)	3.8 KB	Standard
<a href="#">index.html</a>	html	October 16, 2024, 11:21:42 (UTC-05:00)	644.0 B	Standard
<a href="#">logo192.png</a>	png	October 16, 2024, 11:21:42 (UTC-05:00)	5.2 KB	Standard

us-east-1.console.aws.amazon.com/cloudfront/v4/home?region=us-east-1#/distributions/E37RNU4UBA9K2B

### CloudFront

E37RNU4UBA9K2B

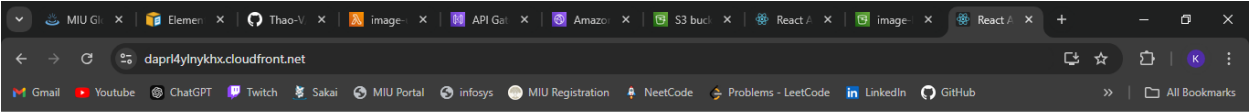
General Security Origins Behaviors Error pages Invalidations Tags

Details

Distribution domain name daprl4ylnykhx.cloudfront.net	ARN arn:aws:cloudfront:970547351397:distribution/E37RNU4UBA9K2B	Last modified October 16, 2024 at 5:43:18 PM UTC
--	--	---

Settings

Description -	Alternate domain names -	Standard logging Off
Price class Use all edge locations (best performance)		Cookie logging Off
Supported HTTP versions HTTP/2, HTTP/1.1, HTTP/1.0		Default root object index.html



Upload Image

abela.jpg

Upload successful!

