



linux-academy

Deploy Static Website on AWS

Tasks

- S3 bucket creation
- S3 bucket configuration
- Website distribution via CloudFront
- Access website via web browser

Website Files

S3 Bucket Creation

S3 bucket is visible in the AWS Management console :

Amazon S3

Buckets (2) Copy ARN Empty Delete Create bucket

	Name	Region	Access	Bucket created
<input type="radio"/>	elasticbeanstalk-us-east-1-833568057562	US East (N. Virginia) us-east-1	Objects can be public	2020-03-29T16:01:49.000Z
<input type="radio"/>	proj1-website	US East (N. Virginia) us-east-1	Public	2020-04-07T14:53:37.000Z

S3 Bucket Files

S3 Bucket Files

S3 bucket files are visible in the AWS Management console :

proj1-website

Overview

Q Type a prefix and press Enter to search. Press ESC to clear.

Upload

Create folder

Download

Actions

US East (N. Virginia) ↻

Viewing 1 to 4

<input type="checkbox"/>	Name ▾	Last modified ▾	Size ▾	Storage class ▾
<input type="checkbox"/>	css	--	--	--
<input type="checkbox"/>	img	--	--	--
<input type="checkbox"/>	vendor	--	--	--
<input type="checkbox"/>	index.html	Apr 8, 2020 12:56:41 AM GMT+0500	6.1 KB	Standard

S3 Bucket Policy

S3 bucket policy is visible in the AWS Management console :

proj1-website

Overview

Properties

Permissions

Management

Access points

Block public access

Access Control List

Bucket Policy

CORS configuration

Bucket policy editor ARN: arn:aws:s3:::proj1-website

Type to add a new policy or edit an existing policy in the text area below.

Delete

Cancel

Save

```
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:::proj1-website/*"
10    }
11  ]
12 }
```

S3 Bucket Static Site Configuration

S3 bucket is visible in the AWS Management console :

proj1-website

Overview

Properties

Permissions

Management

Access points

Versioning

Keep multiple versions of an object in the same bucket.

[Learn more](#)

☐ Disabled

Server access logging

Set up access log records that provide details about access requests.

[Learn more](#)

☐ Disabled

Static website hosting

Endpoint : <http://proj1-website.s3-website-us-east-1.amazonaws.com>

☒ Use this bucket to host a website [Learn more](#)

Index document [?](#)

Error document [?](#)

Redirection rules (optional) [?](#)

☐ Redirect requests [Learn more](#)

☐ Disable website hosting

☒ Bucket hosting

[Cancel](#) [Save](#)

Website Distribution

Cloudfront Distribution

Cloudfront Distribution is visible in the AWS Management console :

CloudFront

Distributions

What's new

Reports & analytics

Cache statistics

Monitoring

Alarms

Popular objects

Top referrers

CloudFront Distributions > E2110S4AE4048G

General

Origins and Origin Groups

Behaviors

Error Pages

Restrictions

Invalidations

Ta

Origins

Create Origin

Edit

Delete

	Origin Domain Name and Path	Origin ID	Origin Type	Origin Access Identity	Or
<input type="checkbox"/>	proj1-website.s3.amazonaws.com/test	S3-proj1-website/test	S3 Origin	-	-

Status :

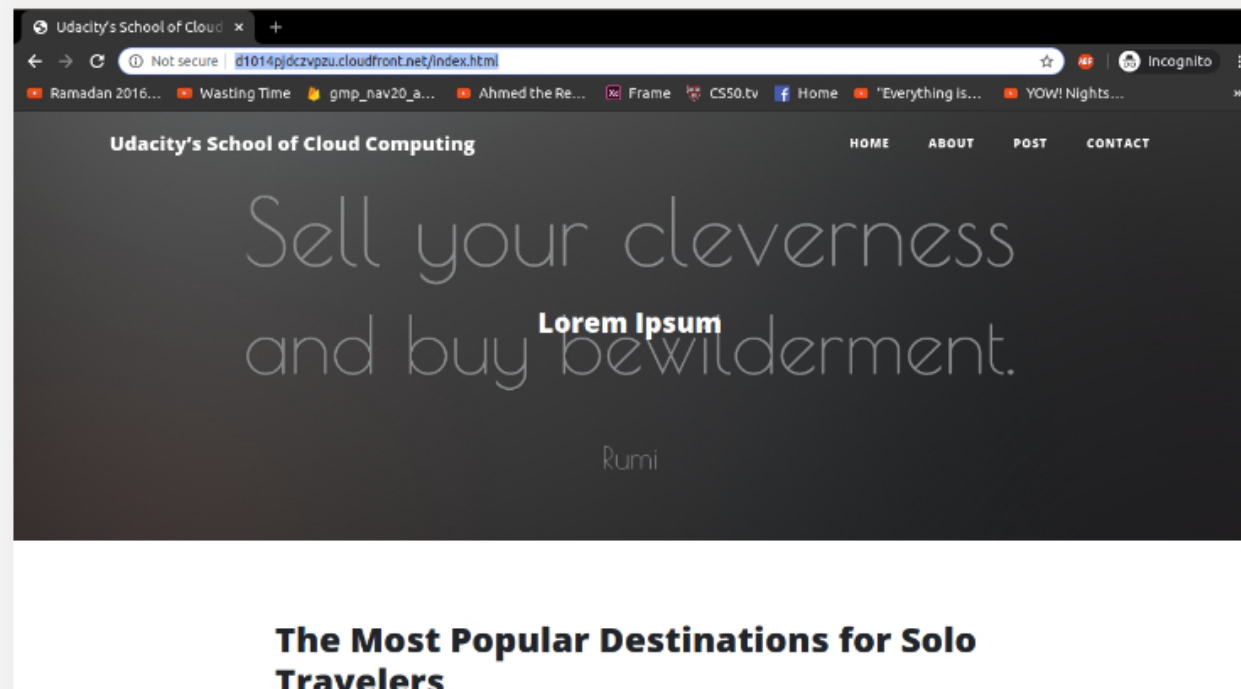
[illegible]

Website Distribution

Site Accessibility :

Website publicly accessible :

<http://d1014pjdczvpzu.cloudfront.net/index.html>



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