

Deploy Static Website on AWS :

➤ S3 Bucket created:

Buckets (3)

Copy ARNEmptyDeleteCreate bucket

Buckets are the fundamental container in Amazon S3 for data storage. For others to access the objects in your buckets, you'll need to explicitly grant them permissions. [Learn more](#)

myud1 match < 1 > ⚙

	Name	Region	Access	Bucket created
<input type="radio"/>	myudacity-mou-bucket-dev	US East (Ohio) us-east-2	Public	2020-05-13T06:34:16.000Z

➤ Files uploaded to S3 Bucket :

myudacity-mou-bucket-dev

OverviewPropertiesPermissionsPublicManagementAccess points

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

UploadCreate folderDownloadActions

US East (Ohio) ↻

Viewing 1 to 3

<input type="checkbox"/> Name	Last modified	Size	Storage class
<input type="checkbox"/> css	--	--	--
<input type="checkbox"/> image	--	--	--
<input type="checkbox"/> index.html	May 21, 2020 1:06:29 PM GMT+0000	4.0 KB	Standard

Viewing 1 to 3

➤ Used this bucket to host a static website

Static website hosting

Endpoint : <http://myudacity-mou-bucket-dev.s3-website.us-east-2.amazonaws.com>

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

Index document [i](#)

index.html

Error document [i](#)

index.html

Redirection rules (optional) [i](#)

☐ Redirect requests [Learn more](#)

☐ Disable website hosting

☒ Bucket hosting

Cancel

Save

➤ Secure Bucket s3 via IAM :

Amazon S3 > myudacity-mou-bucket-dev

myudacity-mou-bucket-dev

Overview
Properties
Permissions Public
Management
Access points

Block public access
Access Control List
Bucket Policy Public
CORS configuration

Bucket policy editor ARN: arn:aws:s3:::myudacity-mou-bucket-dev

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   "Id": "MyPolicy",
4   "Statement": [
5     {
6       "Sid": "PublicReadForGetBucketObjects",
7       "Effect": "Allow",
8       "Principal": "*",
9       "Action": "s3:GetObject",
10      "Resource": "arn:aws:s3:::myudacity-mou-bucket-dev/*"
11    }
12  ]
13 }

```

➤ Website Distribution CloudFront :

CloudFront Distributions

Create Distribution
Distribution Settings
Delete
Enable
Disable

Refresh
Settings
Help
User

Viewing : Any Delivery Method ▾ Any State ▾

⏪ < Viewing 1 to 1 of 1

	Delivery Method ▾	ID	Domain Name	C	Origin	C	Status	State
<input type="checkbox"/>	Web	E71ETH03X601E	dxl4m868s89sx.cloudfront.net	-	myudacity-mou-bucket-dev.s3.ar	-	Deployed	Enabled

the Domain Name : **dxl4m868s89sx.cloudfront.net**

General		Origins and Origin Groups	Behaviors	Error Pages	Restrictions	Invalidations	Tags
Distribution ID		E28OBYQCE6YL8D					
ARN		arn:aws:cloudfront::486251485842:distribution/E28OBYQCE6YL8D					
Log Prefix		-					
Delivery Method		Web					
Cookie Logging		Off					
Distribution Status		Deployed					
Comment		-					
Price Class		Use All Edge Locations (Best Performance)					
AWS WAF Web ACL		-					
State		Enabled					
Alternate Domain Names (CNAMEs)		-					
SSL Certificate		Default CloudFront Certificate (*.cloudfront.net)					
Domain Name		do4tux8epd6lq.cloudfront.net					
Custom SSL Client Support		-					
Security Policy		TLSv1					
Supported HTTP Versions		HTTP/2, HTTP/1.1, HTTP/1.0					
IPv6		Enabled					
Default Root Object		-					

➤ Access Website in Web Browser

<http://dxl4m868s89sx.cloudfront.net/index.html>

