Deploy Static Website on AWS :
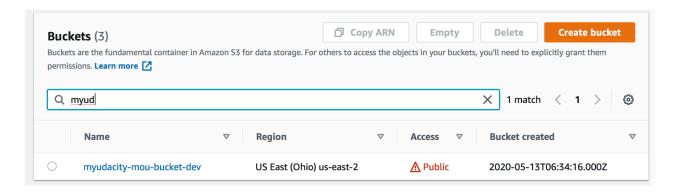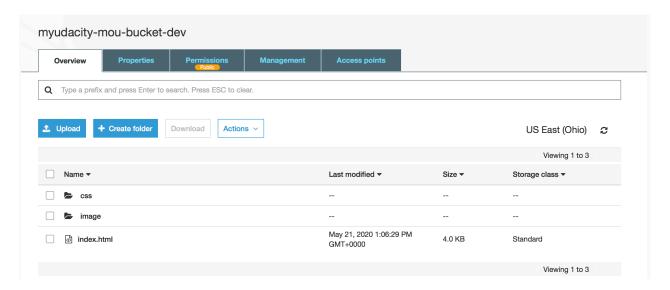
➢ S3 Bucket created:

➢ Files uploaded to S3 Bucket :

➢ 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 ⓘ

```
index.html
```

Error document ⓘ

```
index.html
```

Redirection rules (optional) ⓘ

```

```

○ Redirect requests ⓘ Learn more

○ Disable website hosting

✓ Bucket hosting   Cancel   **Save**

➢ Secure Bucket s3 via IAM :

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

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Viewing : Any Delivery Method ▾ Any State ▾ [   ] « ‹ Viewing 1 to 1 of 1

	Delivery Method ▾	ID	Domain Name	C	Origin	C	Status	State
☐	🌐 Web	E71ETH03X601E	dxl4m868s89sx.cloudfront.net	-	myudacity-mou-bucket-dev.s3.a	-	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