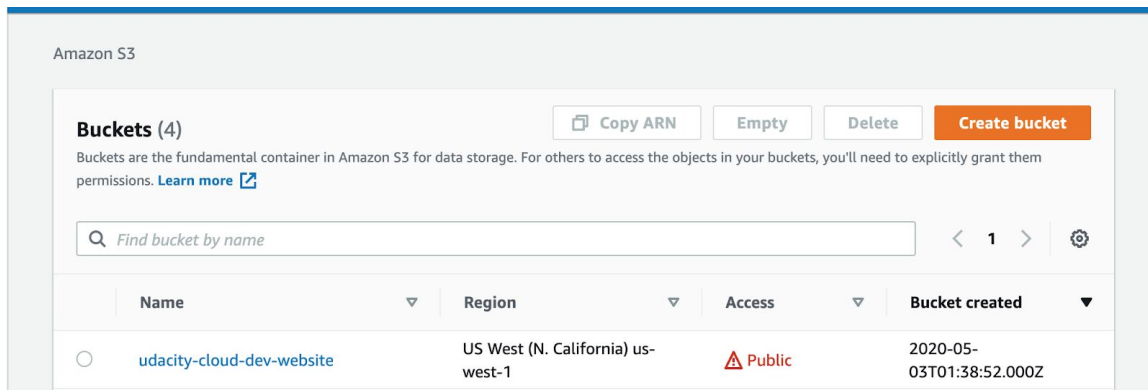


# Deploy Static Website on AWS

- Create S3 bucket



Amazon S3

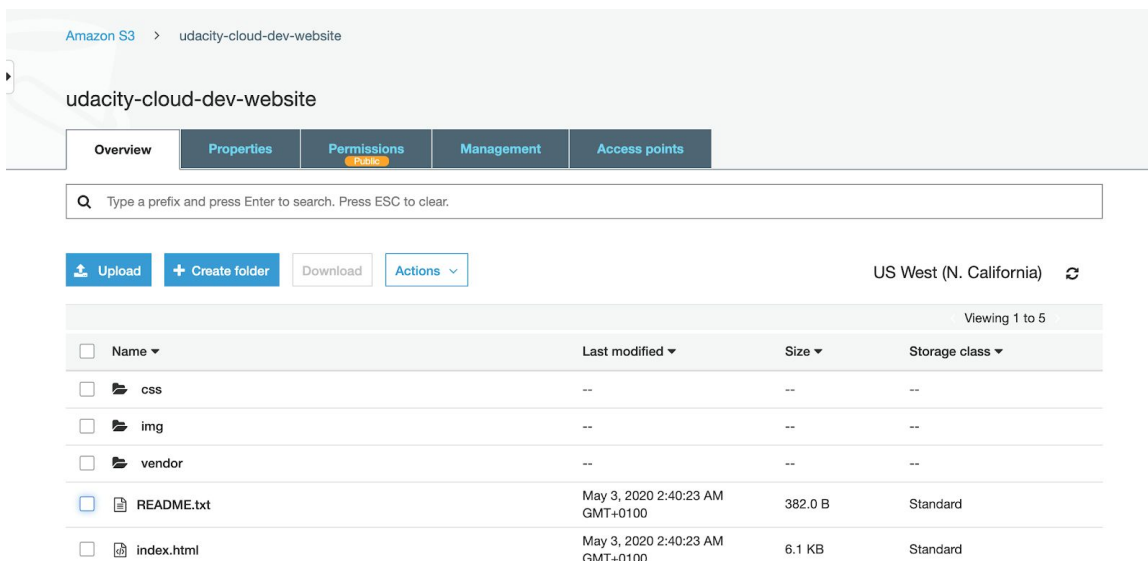
**Buckets (4)** [Copy ARN](#) [Empty](#) [Delete](#) [Create bucket](#)

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](#)

Find bucket by name

Name	Region	Access	Bucket created
<input type="radio"/> <a href="#">udacity-cloud-dev-website</a>	US West (N. California) us-west-1	Public	2020-05-03T01:38:52.000Z

- Upload Files to S3 bucket



Amazon S3 > udacity-cloud-dev-website

udacity-cloud-dev-website

Overview Properties Permissions **Public** Management Access points

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

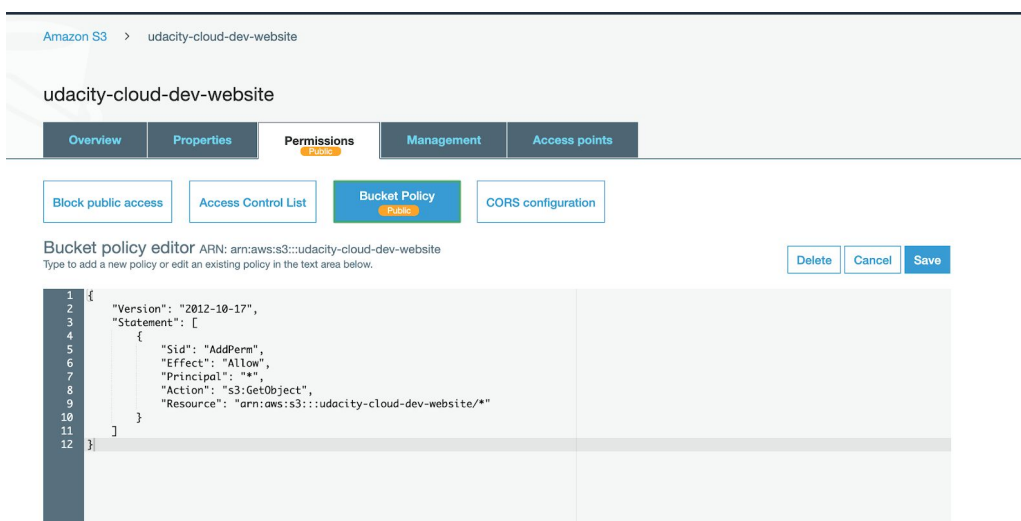
[Upload](#) [+ Create folder](#) [Download](#) [Actions](#)

US West (N. California)

Viewing 1 to 5

Name	Last modified	Size	Storage class
<input type="checkbox"/> css	--	--	--
<input type="checkbox"/> img	--	--	--
<input type="checkbox"/> vendor	--	--	--
<input checked="" type="checkbox"/> README.txt	May 3, 2020 2:40:23 AM GMT+0100	382.0 B	Standard
<input type="checkbox"/> index.html	May 3, 2020 2:40:23 AM GMT+0100	6.1 KB	Standard

- Secure Bucket via IAM



Amazon S3 > udacity-cloud-dev-website

udacity-cloud-dev-website

Overview Properties **Permissions** Management Access points

[Block public access](#) [Access Control List](#) [Bucket Policy](#) [CORS configuration](#)

Bucket policy editor ARN: arn:aws:s3:::udacity-cloud-dev-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:::udacity-cloud-dev-website/*"
10    }
11  ]
12 }
```

- Configure S3 bucket

Static website hosting

Endpoint : <http://udacity-cloud-dev-website.s3-website-us-west-1.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](#)

- Distribute website via Cloud Front

## CloudFront Distributions

Create Distribution		Distribution Settings	Delete	Enable	Disable			
Viewing : Any Delivery Method		Any State				<< < Viewing 1 to 1 of		
	Delivery Method	ID	Domain Name	Comment	Origin	CNAMEs	Status	State
<input type="checkbox"/>	Web	E22VI6XQW03ZJM	d2gfa1xd85upoq.cloudfront.net	-	udacity-	-	Deployed	Enabled

- Access website in Web Browser

Can be accessed on: [d2gfa1xd85upoq.cloudfront.net](http://d2gfa1xd85upoq.cloudfront.net)