

# PROJECT 01

1. Create an S3 bucket, configure the bucket for website hosting, and secure it using IAM policies.

Create an S3 bucket:

**Buckets (1)** [Info](#)

[Buckets are containers for data stored in S3. Learn more](#)

[Refresh](#) [Copy ARN](#) [Empty](#) [Delete](#) [Create bucket](#)

[Previous](#) **1** [Next](#) [Settings](#)

	Name ▲	AWS Region ▼	Access ▼	Creation date ▼
<input type="radio"/>	<a href="#">my-2525757-bucket</a>	US East (N. Virginia) us-east-1	<a href="#">Public</a>	May 17, 2023, 00:18:15 (UTC+07:00)

Upload File and Folder to bucket:

**Objects (4)**

[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](#)

[Refresh](#) [Copy S3 URI](#) [Copy URL](#) [Download](#) [Open](#) [Delete](#) [Actions](#)



[Create folder](#) [Upload](#)



[Previous](#) **1** [Next](#) [Settings](#)

<input type="checkbox"/>	Name ▲	Type ▼	Last modified ▼	Size ▼	Storage class ▼
<input type="checkbox"/>	<a href="#">css/</a>	Folder	-	-	-
<input type="checkbox"/>	<a href="#">img/</a>	Folder	-	-	-
<input type="checkbox"/>	<a href="#">index.html</a>	html	May 17, 2023, 00:55:53 (UTC+07:00)	6.1 KB	Standard
<input type="checkbox"/>	<a href="#">vendor/</a>	Folder	-	-	-

## Configure the bucket for website hosting:

### Hosting type

- ☒ **Host a static website**  
Use the bucket endpoint as the web address. [Learn more](#) 
- ☐ **Redirect requests for an object**  
Redirect requests to another bucket or domain. [Learn more](#) 

 For your customers to access content at the website endpoint, you must make all your content publicly readable. To do so, you can edit the S3 Block Public Access settings for the bucket. For more information, see [Using Amazon S3 Block Public Access](#) 


### Index document

Specify the home or default page of the website.

### Error document - *optional*

This is returned when an error occurs.

### Redirection rules – *optional*

Redirection rules, written in JSON, automatically redirect webpage requests for specific content. [Learn more](#) 

## Secure the S3 bucket using IAM policies (Publicly accessible)

### Bucket policy

The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts. [Learn more](#) 


[Edit](#)[Delete](#)

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "AddPerm",
      "Effect": "Allow",
      "Principal": "*",
      "Action": "s3:GetObject",
      "Resource": "arn:aws:s3:::my-2525757-bucket/*"
    }
  ]
}
```

[Copy](#)

Permissions overview


Access

 Public


2. Speed up content delivery using AWS’s content distribution network service, CloudFront.


CloudFront has been configured to retrieve and distribute website file:

Distributions (1) Info


 Enable Disable Delete Create distribution

< 1 >




<input type="checkbox"/>	ID	Descrip...	Type	Domai...	Alterna...	Origins	Status	Last
<input type="checkbox"/>	EB8FEVPMSKSAM	-	Production	d2l4qrf6e...	-	my-2525757-bl	 Enabled	May

Distribution domain name

 d2l4qrf6e6jg35.cloudfront.net

ARN


 arn:aws:cloudfront::455284065852:distri  
bution/EB8FEVPMSKSAM

Last modified

May 16, 2023 at 6:06:44 PM UTC

Settings

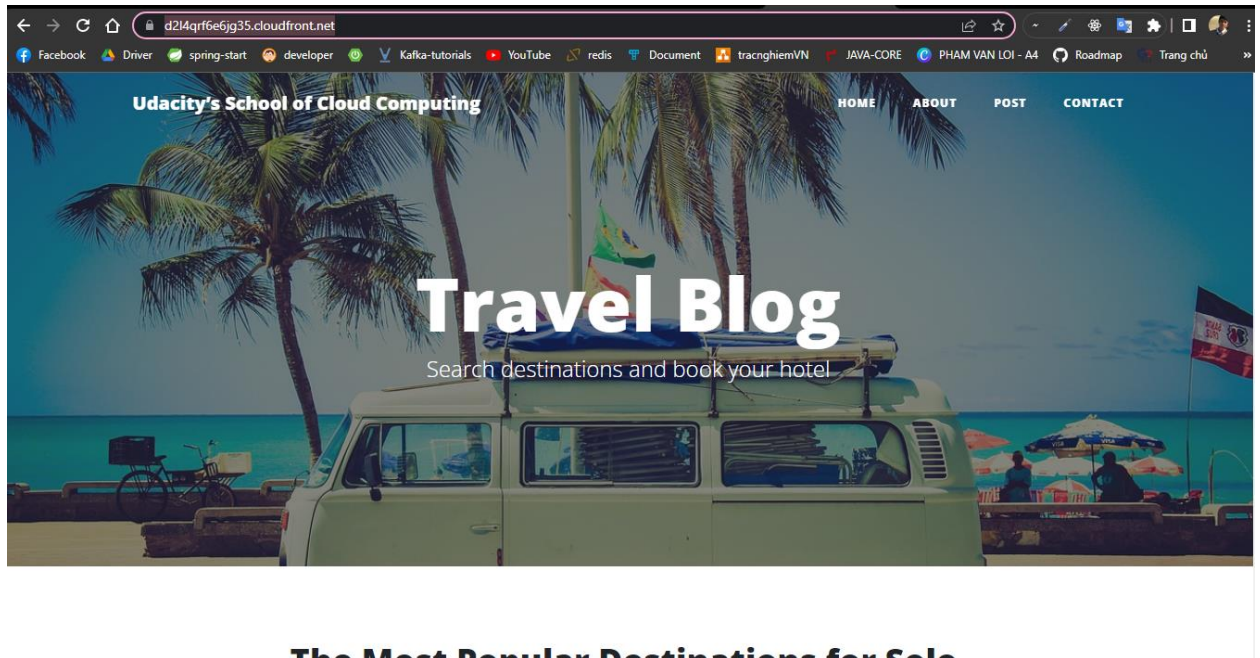
Edit

Description	Alternate domain names	Standard logging
-	-	Off
Price class		Cookie logging
Use all edge locations (best performance)		Off
Supported HTTP versions		Default root object
HTTP/2, HTTP/1.1, HTTP/1.0		-
AWS WAF		
<a href="#">CreatedByCloudFront-6baefb2e-1f62-4ebe-a800-d9a21e88645c (WAFv2)</a> 		

3. Access website in a browser via CloudFront domain name, via website-endpoint, via its S3 Oject URL

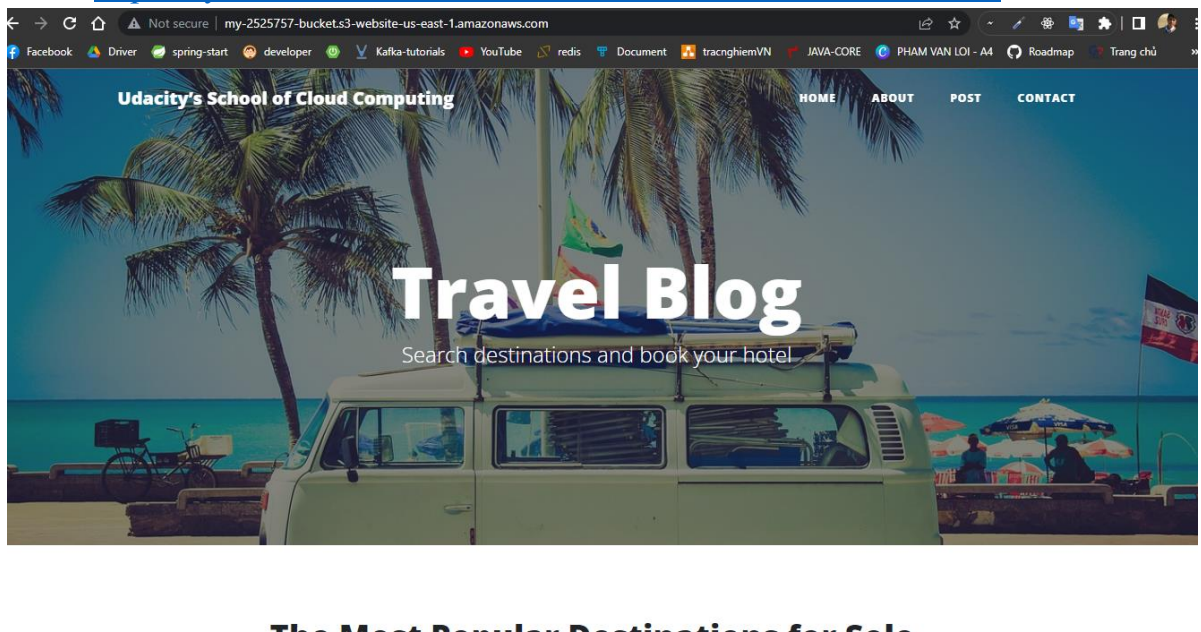
Via CloudFront domain name:

URL: <https://d2l4qrf6e6jg35.cloudfront.net/>



Via website-endpoint:

URL: <http://my-2525757-bucket.s3-website-us-east-1.amazonaws.com/>



Via its S3 Object URL:

URL: <https://my-2525757-bucket.s3.amazonaws.com/index.html>



**The Most Popular Destinations for Sale**

=====THE-END=====