

HOSTING A STATIC WEBSITE ON S3 AND ACCESSING THE CACHED WEBSITE PAGES USING CLOUDFRONT

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Access Website Here: CloudFront URL: <https://d17itcpyuv7ulx.cloudfront.net/>

Project 1

ALX-T Cloud Developer Nanodegree Program



***** STARTING *****

ALX-T Cloud Developer - Udacity x S3 Management Console x

s3.console.aws.amazon.com/s3/buckets?region=us-east-1®ion=us-east-1

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Amazon S3

Buckets

- Access Points
- Object Lambda Access Points
- Multi-Region Access Points
- Batch Operations
- Access analyzer for S3

Block Public Access settings for this account

▼ **Storage Lens**

- Dashboards
- AWS Organizations settings

Feature spotlight 3

► AWS Marketplace for S3

We're continuing to improve the S3 console to make it faster and easier to use. If you have feedback on the updated experience, choose **Provide feedback**.

[Provide feedback](#)

Amazon S3 > Buckets

► **Account snapshot**

Storage lens provides visibility into storage usage and activity trends. [Learn more](#)

[View Storage Lens dashboard](#)

Buckets (1) Info

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

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

[Create bucket](#)

Find buckets by name

	Name ▲	AWS Region ▼	Access ▼	Creation date ▼
<input type="radio"/>	yungmercykay-bucket	US East (N. Virginia) us-east-1	Objects can be public	August 7, 2022, 23:00:56 (UTC+02:00)

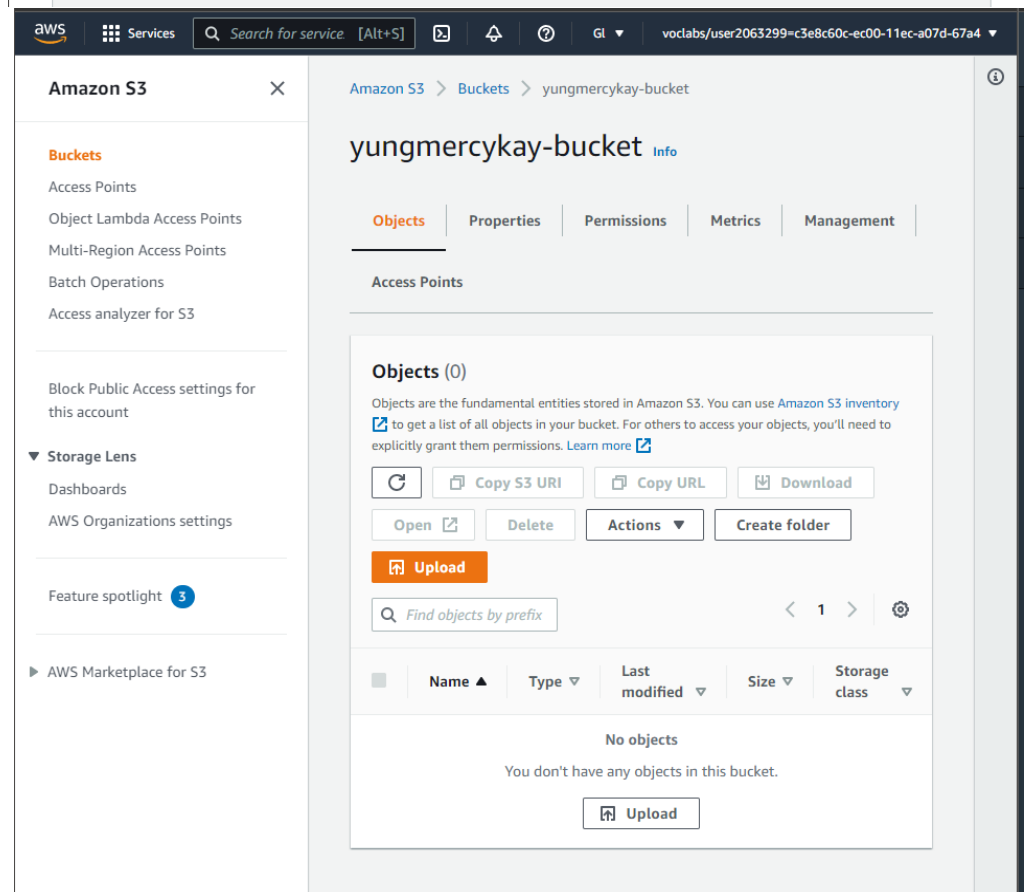
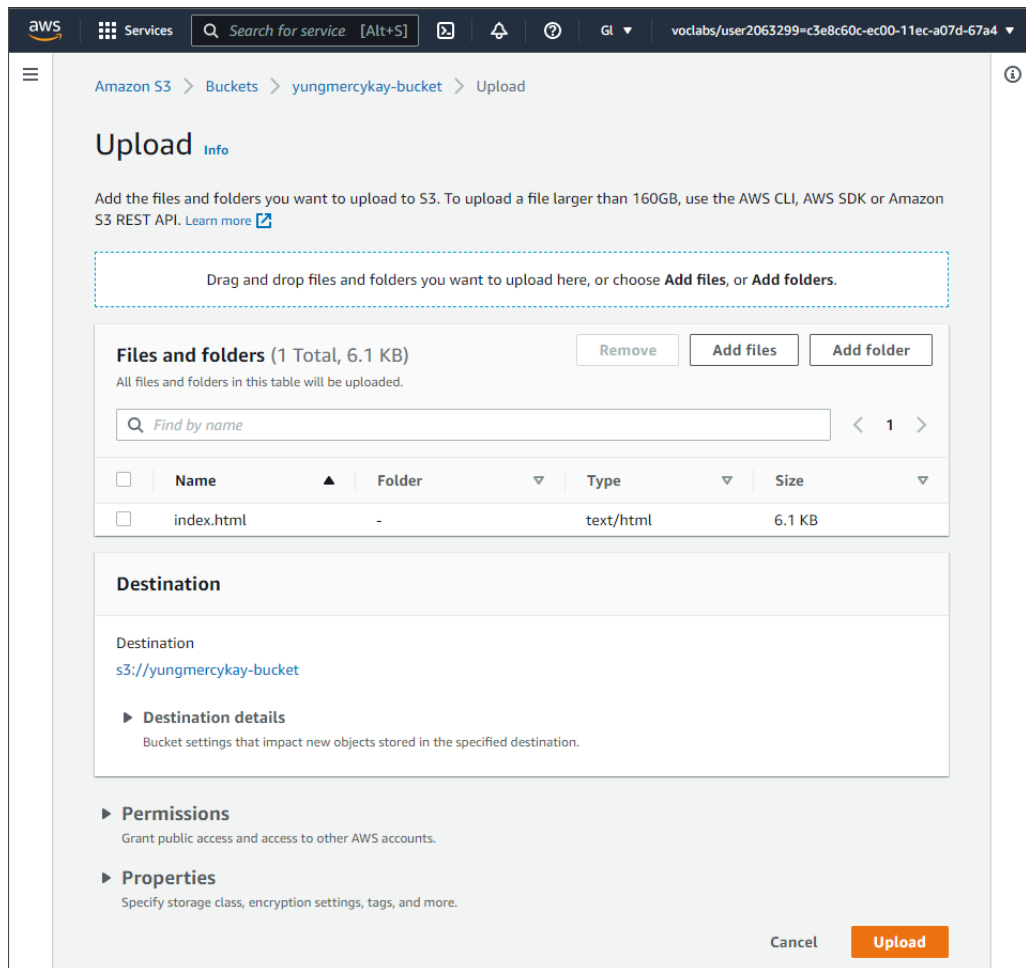
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Permissions

Objects

Properties

Metrics

Management

Access Points

Permissions overview

Access

Objects can be public

Block public access (bucket settings)

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to all your S3 buckets and objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to your buckets or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

Edit

Block all public access

Off

Individual Block Public Access settings for this bucket

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

No policy to display.

Copy

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Services

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Permissions

Objects

Properties

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Management

Access Points

Successfully edited bucket policy.

Amazon S3 > Buckets > yungmercykay-bucket

yungmercykay-bucket

Publicly accessible

Permissions overview

Access

Public

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Edit

Block all public access

Off

Individual Block Public Access settings for this bucket

Permissions

You can use **Permissions** to manage access permissions and object ownership. In Amazon S3, buckets and objects are private by default. You must explicitly grant permissions for your bucket and the objects in it.

S3 Block Public Access prevents public access. You can edit Block Public Access settings to override permissions for your bucket and the objects in it so that you limit public access.

To allow or deny actions by specific principals (for example, other AWS accounts or AWS Identity and Access Management [IAM] users) on your bucket and the objects in it, you can add a bucket policy. Bucket policies don't apply to objects that are owned by other accounts.

You can edit the access control list (ACL) for your bucket to grant read (list objects) and write permissions to specific grantees. A majority of modern use cases in Amazon S3 no longer require the use of ACLs, and we recommend that you disable ACLs except in unusual circumstances where you need to control access for each object individually. With Object Ownership, you can disable ACLs and rely on policies for access control. When you disable ACLs, you can easily maintain a bucket

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Services

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Successfully edited bucket policy.

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Edit

Delete

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

Copy

Object Ownership

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

Edit

grant permissions for your bucket and the objects in it.

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Services

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Amazon S3 > Buckets > yungmercykay-bucket > Edit static website hosting

Edit static website hosting

Static website hosting

Use this bucket to host a website or redirect requests. [Learn more](#)

Static website hosting

☐ Disable

☒ Enable

Hosting type

☒ Host a static website

☐ Redirect requests for an object

Use the bucket endpoint as the web address. [Learn more](#)

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.

index.html

Error document - optional

This is returned when an error occurs.

error.html

Redirection rules - optional

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

1

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Services

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Enable

Hosting type

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Services

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Successfully edited static website hosting.

Amazon S3 > Buckets > yungmercykay-bucket

yungmercykay-bucket

Info

Publicly accessible

Objects

Properties

Permissions

Metrics

Management

Access Points

Bucket overview

AWS Region	Amazon Resource Name (ARN)	Creation date
US East (N. Virginia) us-east-1	arn:aws:s3:::yungmercykay-bucket	August 7, 2022, 23:00:56 (UTC+02:00)

Bucket Versioning

Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. [Learn more](#)

Edit

Bucket Versioning

Disabled

Multi-factor authentication (MFA) delete

An additional layer of security that requires multi-factor authentication for changing Bucket Versioning settings and permanently deleting object versions. To modify MFA delete settings, use the AWS CLI, AWS SDK, or the Amazon S3 REST API. [Learn more](#)

Disabled

Tags (0)

Edit

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CloudFront > Distributions > EDSMHVV0P7HZ0

EDSMHVV0P7HZ0

General | Origins | Behaviors | Error pages | Geographic restrictions | Invalidations | Tags

Details

Distribution domain name	ARN	Last modified
d17itcpyuv7ulx.cloudfront.net	arn:aws:cloudfront::697374069645:distribution/EDSMHVV0P7HZ0	Deploying

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		
-		

CloudFront

Distributions

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▼ Security

Origin access identities
Field-level encryption

▼ Key management

Public keys
Key groups

▼ Savings Bundle

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Inventory
Purchase

CloudFront > Distributions > EDSMHVV0P7HZ0

EDSMHVV0P7HZ0

< General | Origins | Behaviors | Error pages | Geographic r >

Details

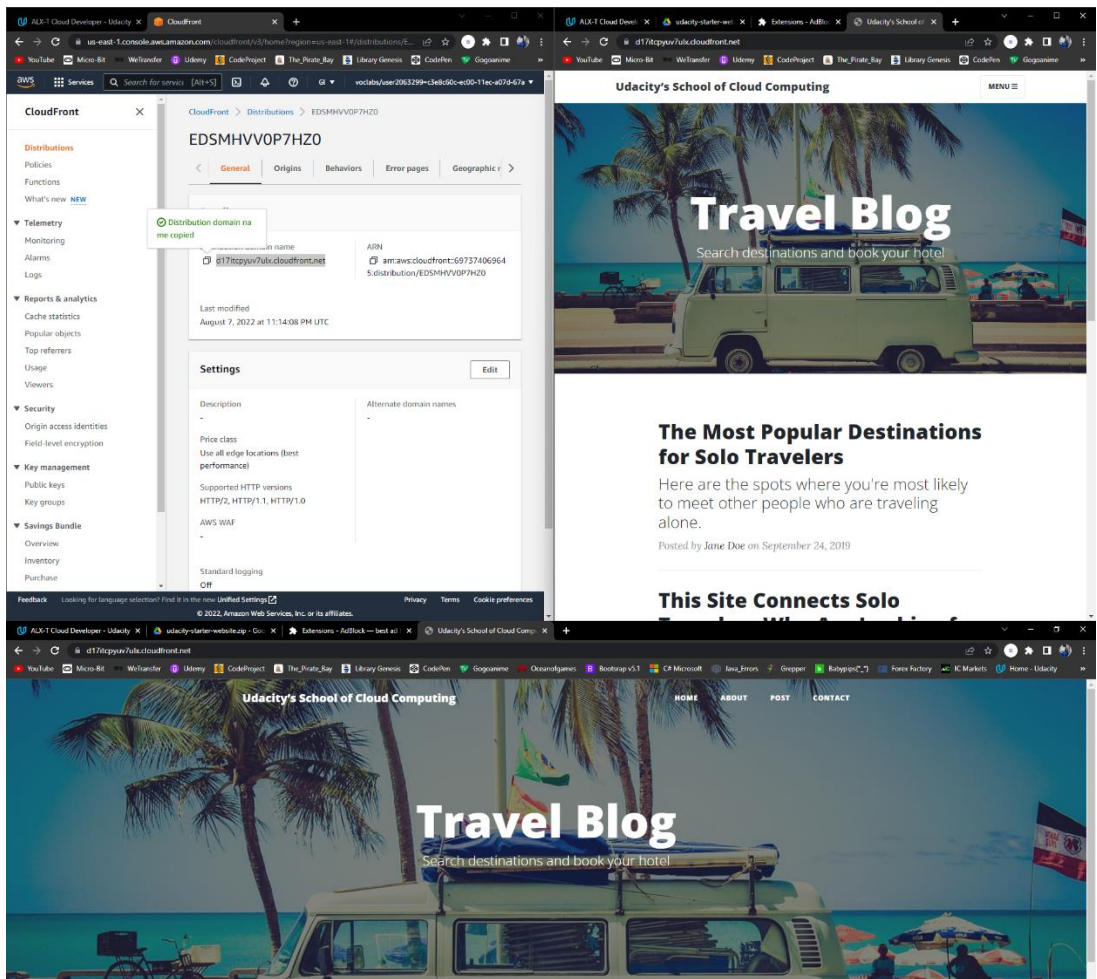
Distribution domain name	ARN
d17itcpyuv7ulx.cloudfront.net	arn:aws:cloudfront::697374069645:distribution/EDSMHVV0P7HZ0

Last modified
August 7, 2022 at 11:14:08 PM UTC

Settings

Edit

Description	Alternate domain names
-	-
Price class	
Use all edge locations (best performance)	
Supported HTTP versions	
HTTP/2, HTTP/1.1, HTTP/1.0	
AWS WAF	
-	
Standard logging	
Off	

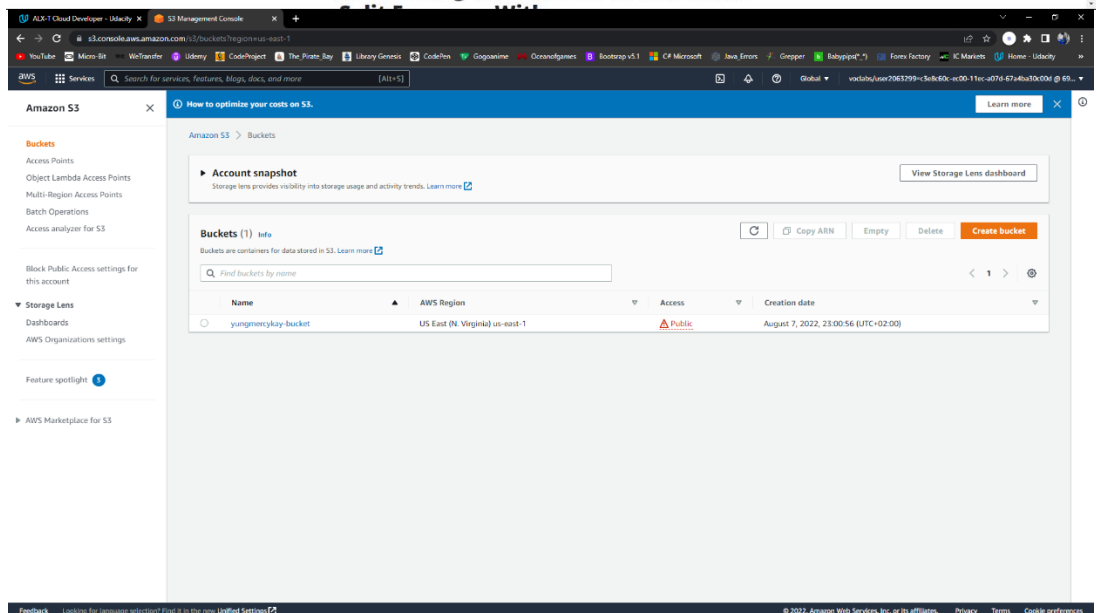


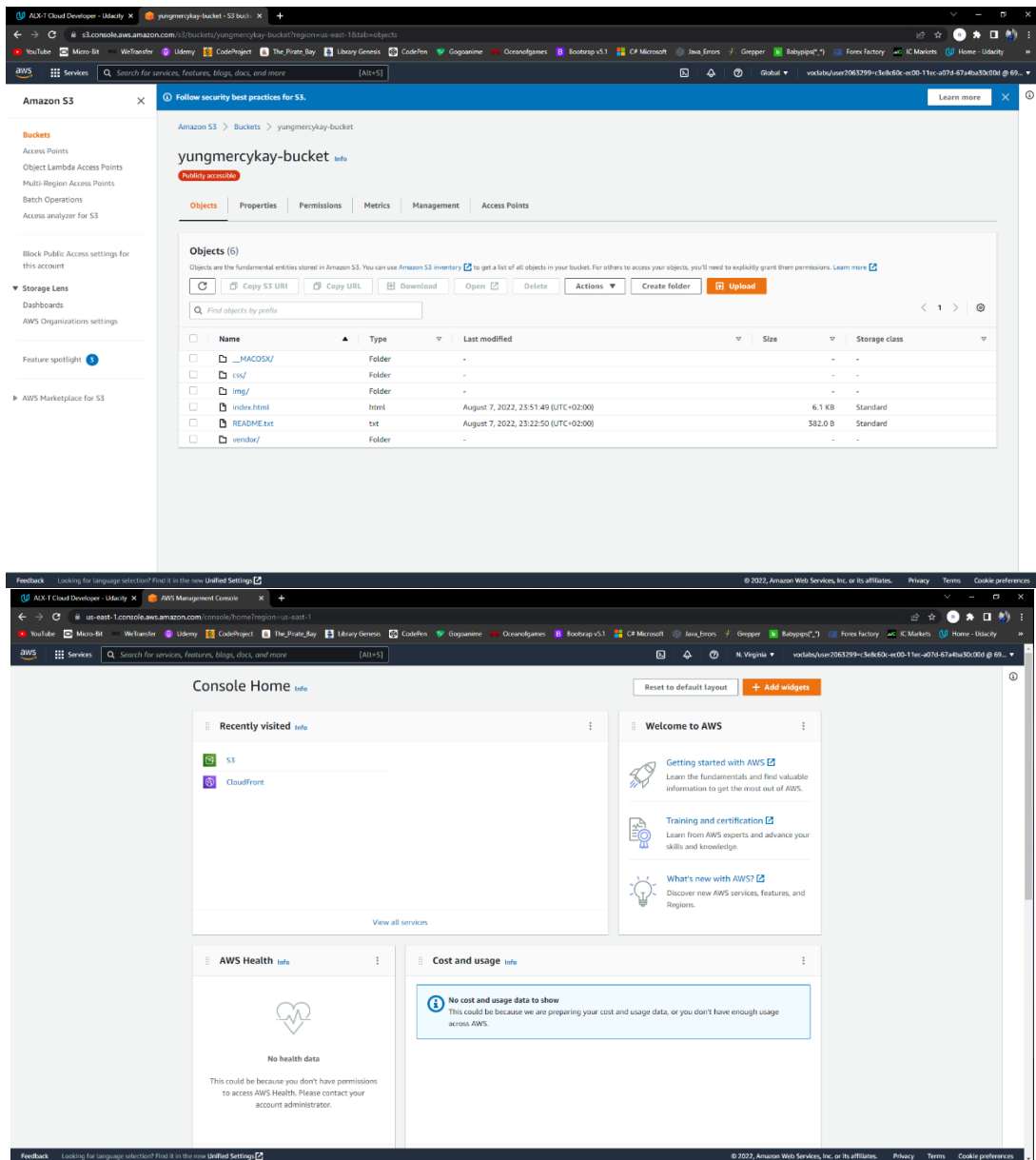
The Most Popular Destinations for Solo Travelers

Here are the spots where you're most likely to meet other people who are traveling alone.

Posted by Jane Doe on September 24, 2019

This Site Connects Solo Travelers Who Are Looking for Someone to Travel and





***** THE END THANK YOU *****