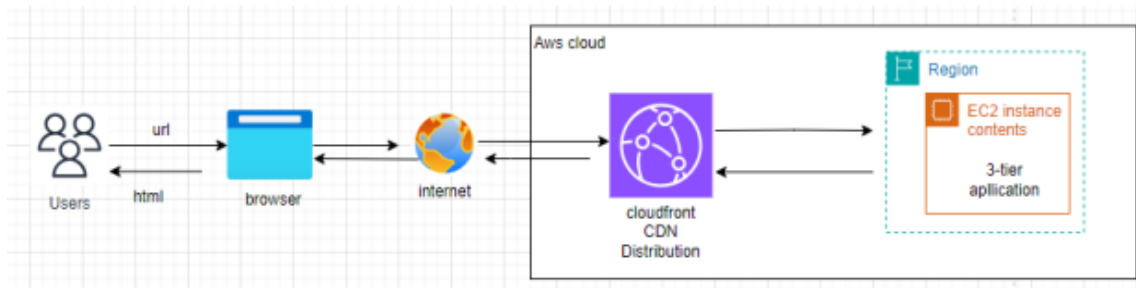# CONNECTING S3 BUCKET TO CLOUDFRONT

AMAZON S3 - Amazon S3 (Simple Storage Service) is a cloud-based service that allows you to store and retrieve files (like documents, images, and videos) over the internet. You can upload your files to S3, and they'll be safely stored in the cloud, where you can access them anytime, from anywhere.
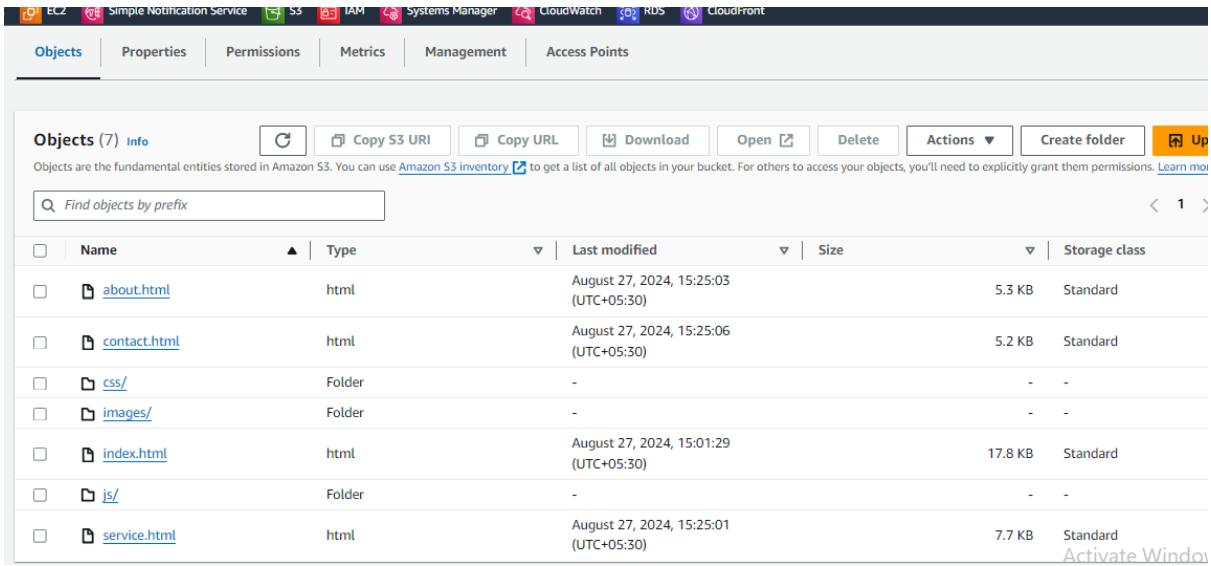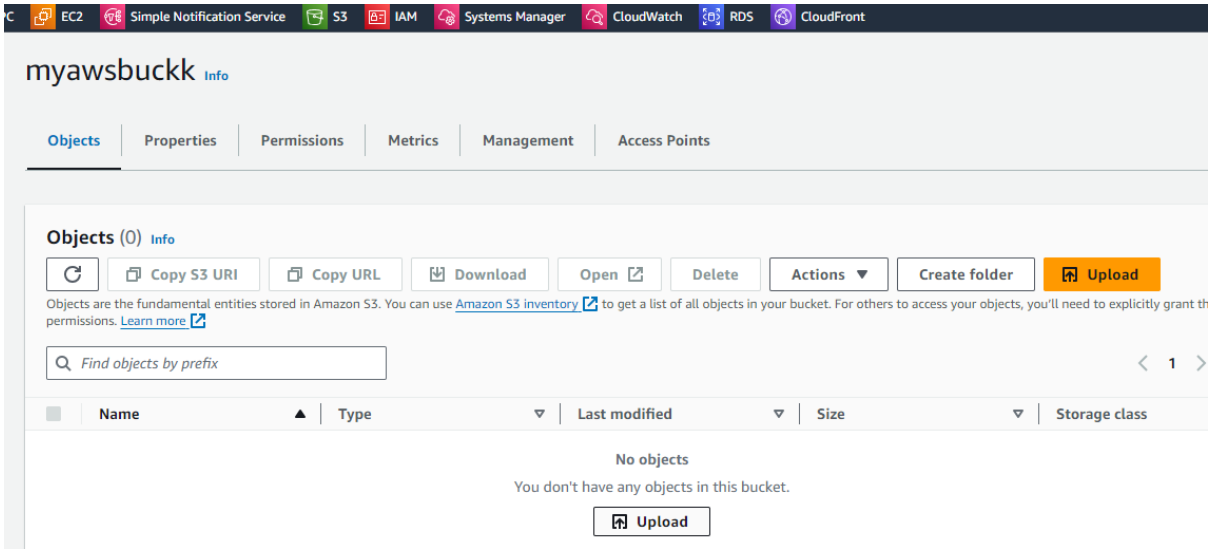

It's like a virtual hard drive that can grow as you need it and is accessible from anywhere.

❖ Creating amazon s3 bucket

❖ Download free-css templates from the internet.
❖ Uploading data in Bucket

❖ Making uploaded files public using ACL

	Name	▲	Type	▽	Last modified	▽	Size
☑	about.html		html		August 27, 2024, 15:25:03 (UTC+05:30)		
☑	contact.html		html		August 27, 2024, 15:25:06 (UTC+05:30)		
☑	css/		Folder		-		
☑	images/		Folder		-		
☑	index.html		html		August 27, 2024, 15:01:29 (UTC+05:30)		
☑	js/		Folder		-		
☑	service.html		html		August 27, 2024, 15:25:01 (UTC+05:30)		

Copy
Move
Initiate restore
Query with S3 Select

Edit actions
Rename object
Edit storage class
Edit server-side encryption
Edit metadata
Edit tags
Make public using ACL

❖ Go to permissions
❖ Off block public access

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 p
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
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 ☑

Block *all* public access
⚠ Off

▶ **Individual Block Public Access settings for this bucket**

❖ Edit ACL give permission to list and read in everyone(public access)

Amazon S3 > Buckets > myawsbuckk > Edit access control list (ACL)

Edit access control list (ACL) Info

Access control list (ACL)
Grant basic read/write permissions to other AWS accounts. Learn more ☑

Grantee	Objects	Bucket ACL
Bucket owner (your AWS account) Canonical ID: 📋 38702aac6167131b93e09 0bad7cfdfbd1e2e410f8cf7b96c d124e405a6096e29	☑ List ☑ Write	☑ Read ☑ Write
Everyone (public access) Group: 📋 http://acs.amazonaws.co m/groups/global/AllUsers	☑ ⚠ List ☐ Write	☑ ⚠ Read ☐ Write
Authenticated users group (anyone with an AWS account)	☐ List ☐ Write	☐ Read ☐ Write

❖ Make ACL enable in object ownership

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.

○ ACLs disabled (recommended)
All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.

⦿ ACLs enabled
Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs.

⚠ We recommend disabling ACLs, unless you need to control access for each object individually or to have the object writer own the data they upload. Using a bucket policy instead of ACLs to share data with users outside of your account simplifies permissions management and auditing.

⚠ **Enabling ACLs turns off the bucket owner enforced setting for Object Ownership**
Once the bucket owner enforced setting is turned off, access control lists (ACLs) and their associated permissions are restored. Access to objects that you do not own will be based on ACLs and not the bucket policy.

☑ I acknowledge that ACLs will be restored.

Object Ownership

❖ Make website static using static website hosting

Static website hosting

Use this bucket to host a website or redirect requests. Learn more ↗

Static website hosting
Disabled

CLOUDFRONT

Amazon CloudFront is a service that makes your website faster by delivering your content (like images and videos) from servers that are closer to your users around the world.

<u>CREATE CLOUDFRONT DISTRIBUTION</u>

❖ Adding orgin domain of awss3bucket

❖ Make do not enable security protections (WAF)

❖ Successfully created instance
❖ Wait till the deploying processs is done

❖ Copy distributed domain name and search
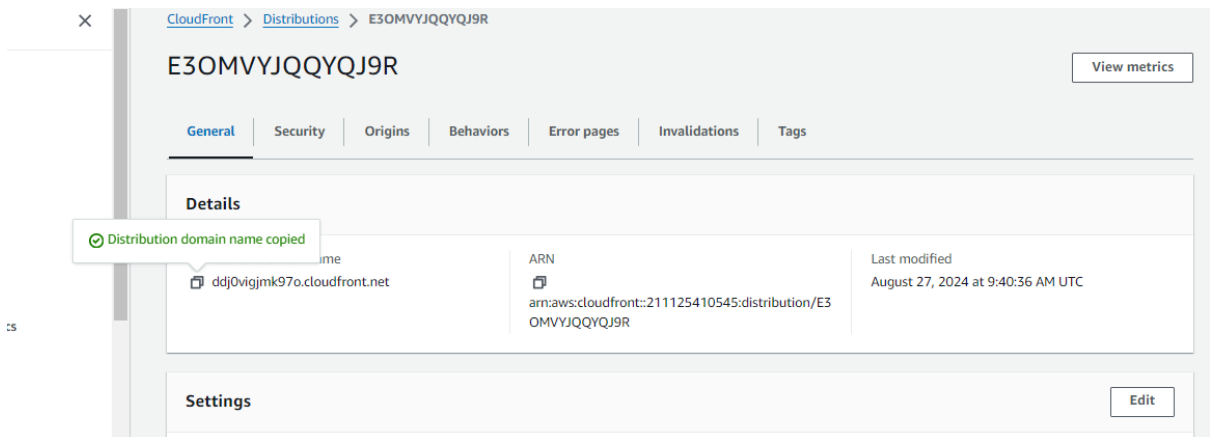
❖ Successfully accessed the website