

Lesson 05 Demo 08

Configuring CloudFront Distribution with S3 Origin

Objective: To host static web content in an Amazon S3 bucket, protected and accelerated by Amazon CloudFront for efficient content delivery

Tools required: AWS account

Prerequisites: AWS Lab access with an AWS account created

Steps to be followed:

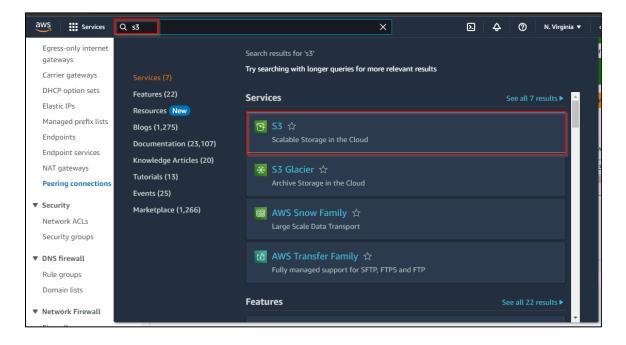
1. Create an S3 bucket

2. Upload a file

3. Configure Amazon CloudFront

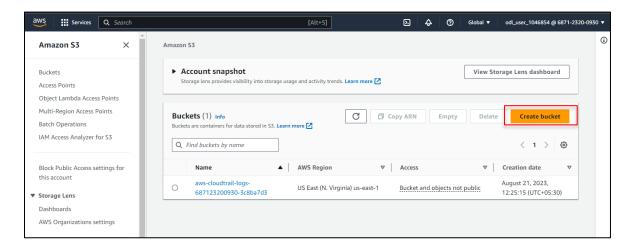
Step 1: Create an S3 bucket

1.1 Navigate to the AWS Management Console, search for and select \$3

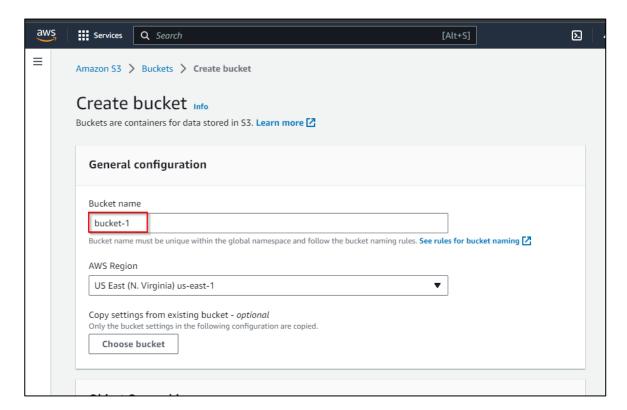




1.2 Click on Create bucket



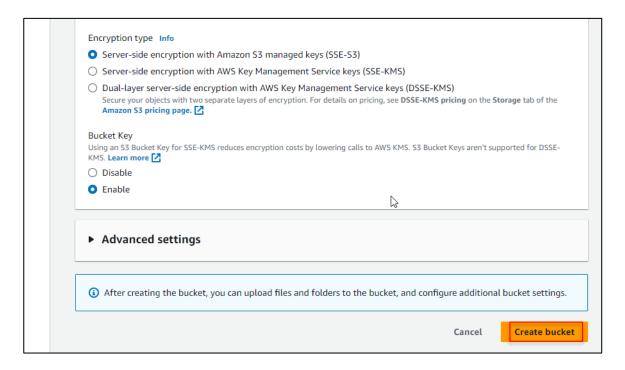
1.3 Provide a name for the bucket and enable Bucket Versioning





Buck	et Versioning
every v	ning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore rersion of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions plication failures. Learn more
Bucke	t Versioning
) Di	sable
) Fr	nable

1.4 Click on Create bucket

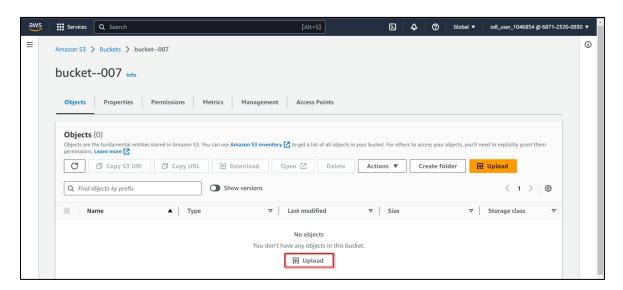


The S3 bucket is created successfully.

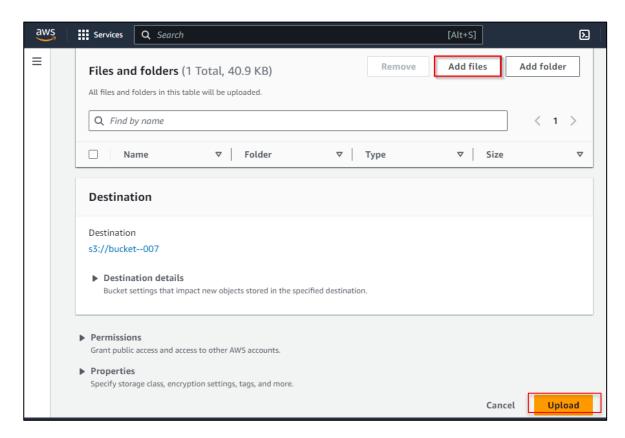


Step 2: Upload a file

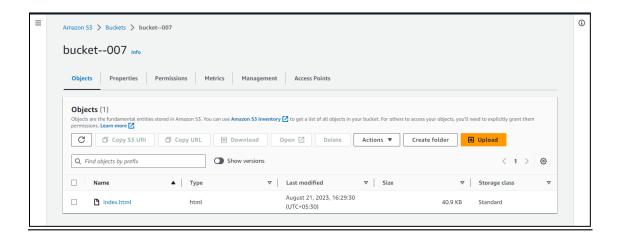
2.1 Select the created bucket and click on the Upload option



2.2 Click on Add files, select an HTML file, and then click the Upload button





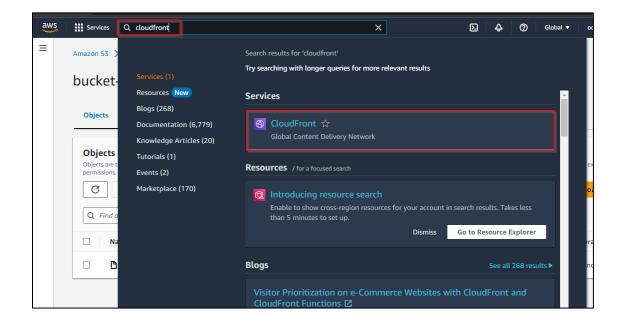


The uploaded file will now appear in the list of files within the bucket.

Note: HTML file should be already created in your local computer.

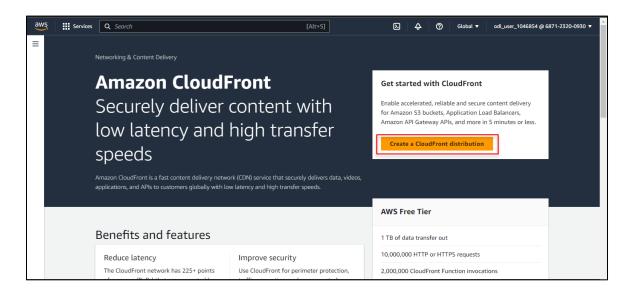
Step 3: Configure Amazon CloudFront

3.1 Search for CloudFront in the search bar

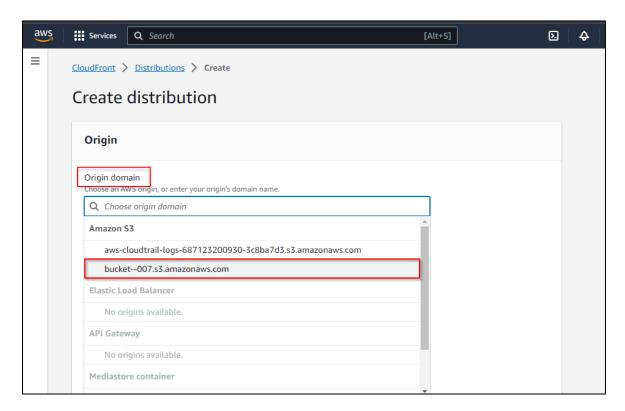




3.2 Click on Create a CloudFront distribution

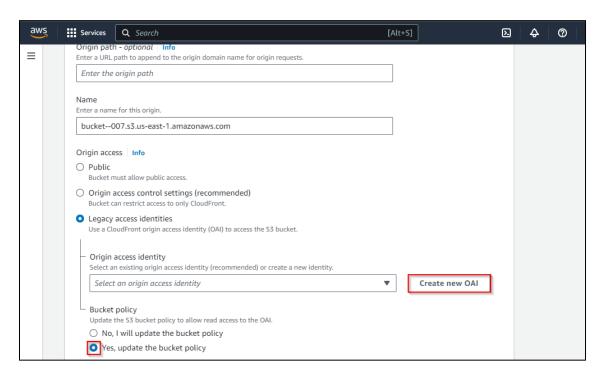


3.3 Select the bucket created earlier in the Origin Domain field

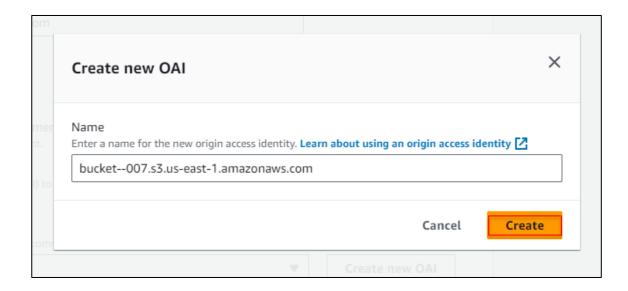




3.4 Click on Legacy access identities, then click on Yes, update the bucket policy, and proceed to Create a new OAI (Origin Access Identity)

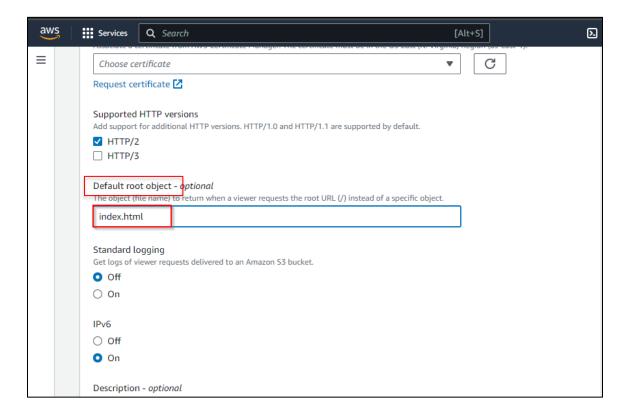


3.5 Click on Create





3.6 Enter index.html in the Default root object field





3.4 Click on Create distribution

index.html		
Standard logging Get logs of viewer requests delivered to an Amazon S3 bucket.		
O Off		
○ On		
IPv6		
Off		
On		
Description - optional		

NOTE: Copy the domain name to the web browser to test.

By following these steps, you will have successfully created an Amazon CloudFront distribution with an S3 origin, enabling efficient content delivery from the S3 bucket.