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

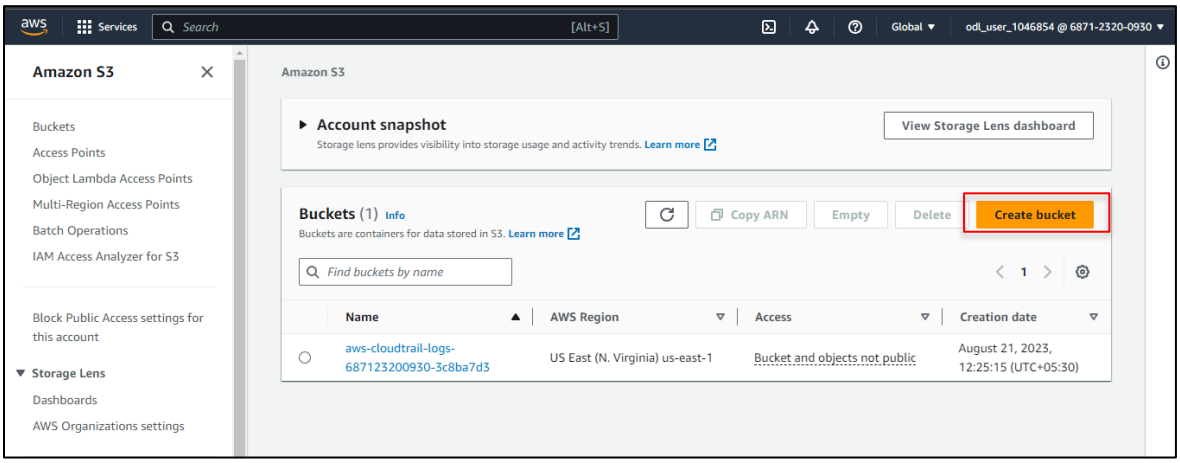
Steps to be followed:

1. Create an S3 bucket
2. Upload a file
3. Configure Amazon CloudFront

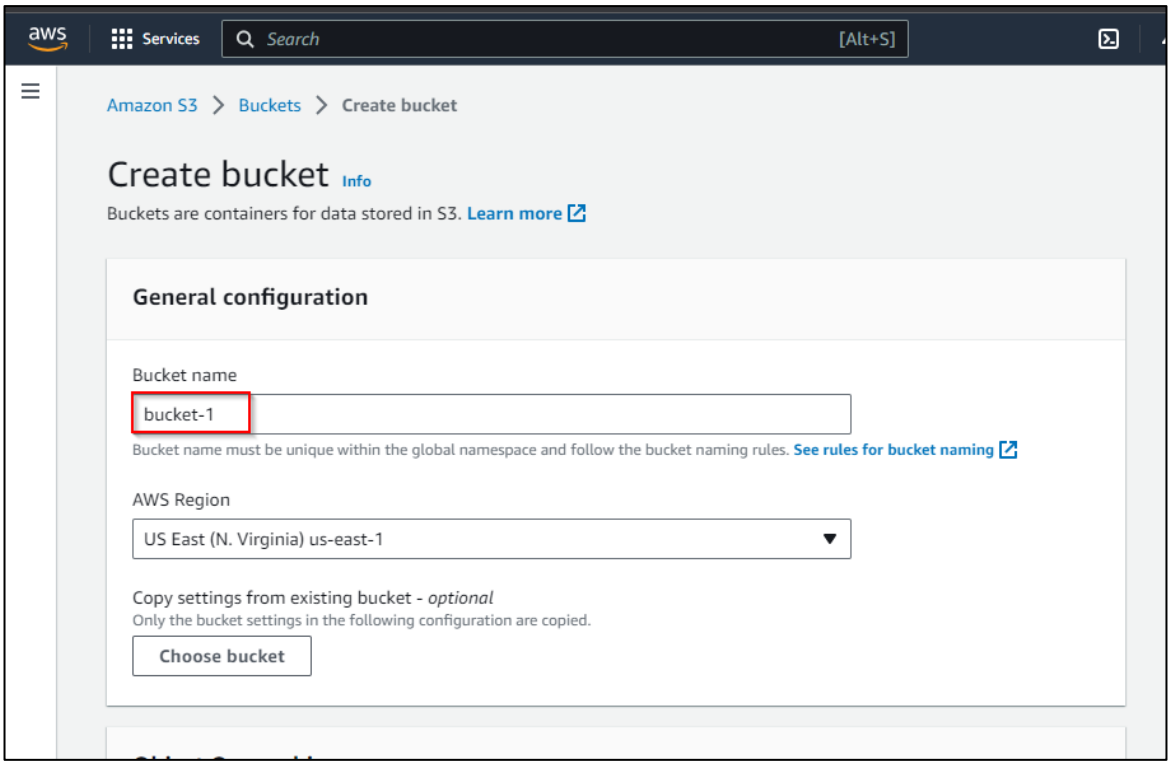
Step 1: Create an S3 bucket

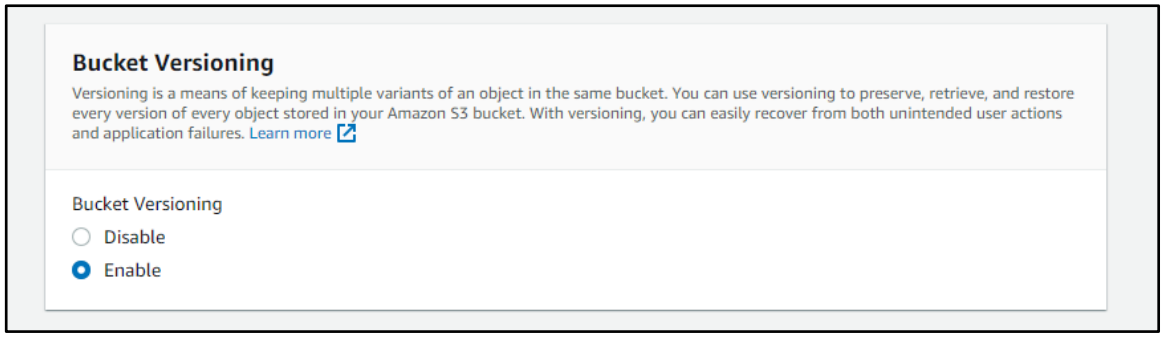
1.1 Navigate to the AWS Management Console, search for and select **S3**

1.2 Click on **Create bucket**

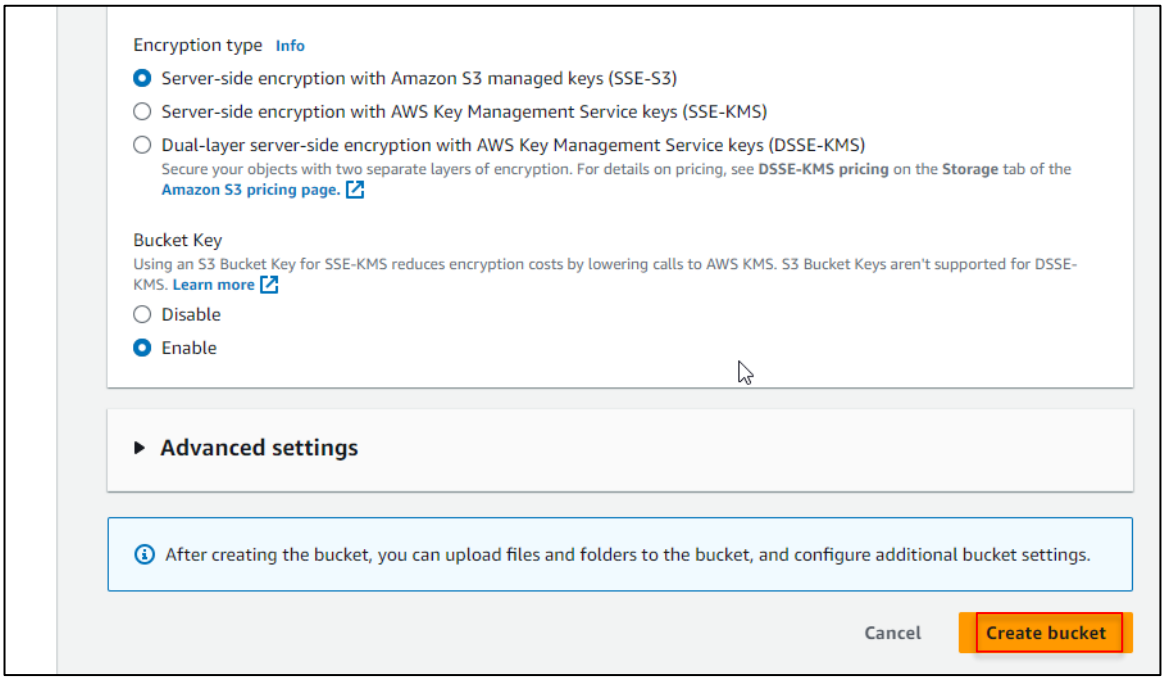


1.3 Provide a name for the bucket and enable **Bucket Versioning**





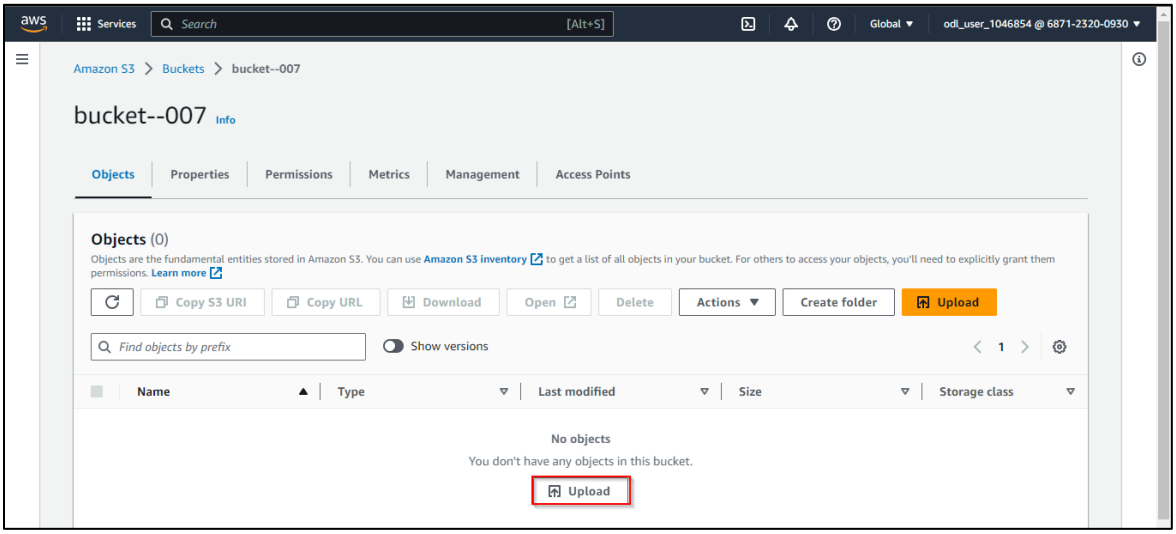
1.4 Click on **Create bucket**



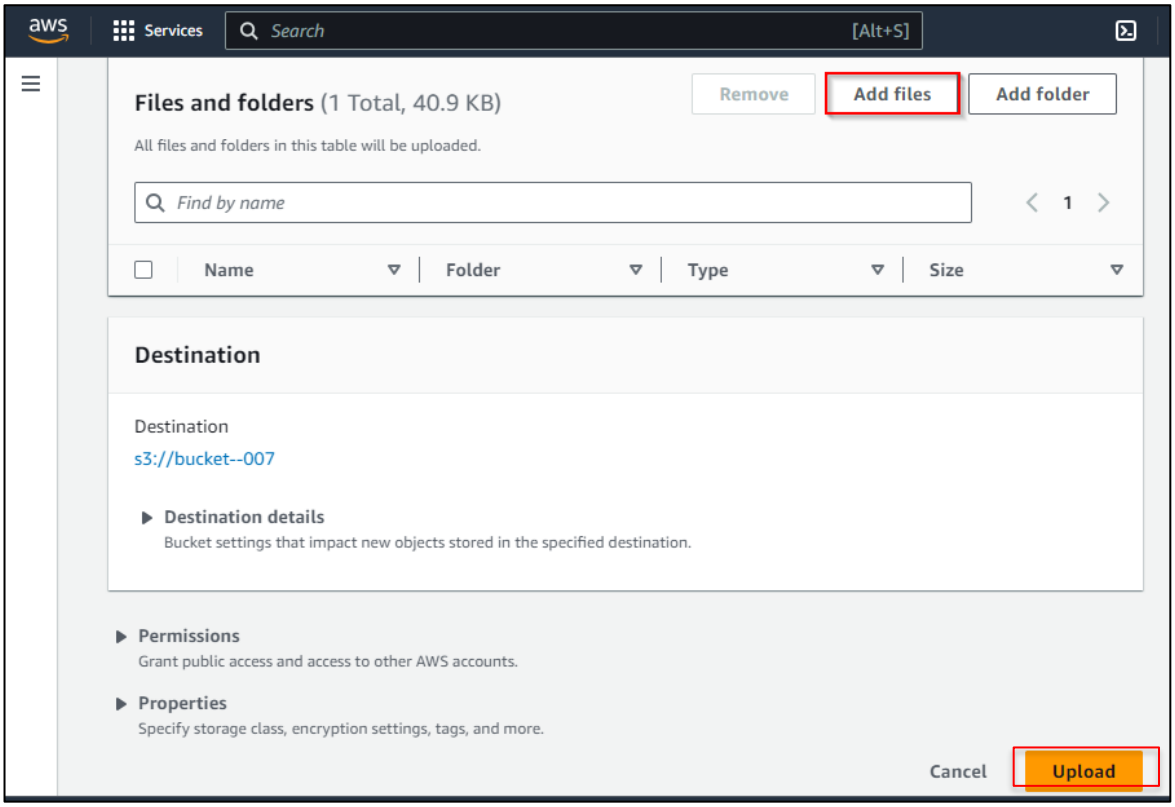
The S3 bucket is created successfully.

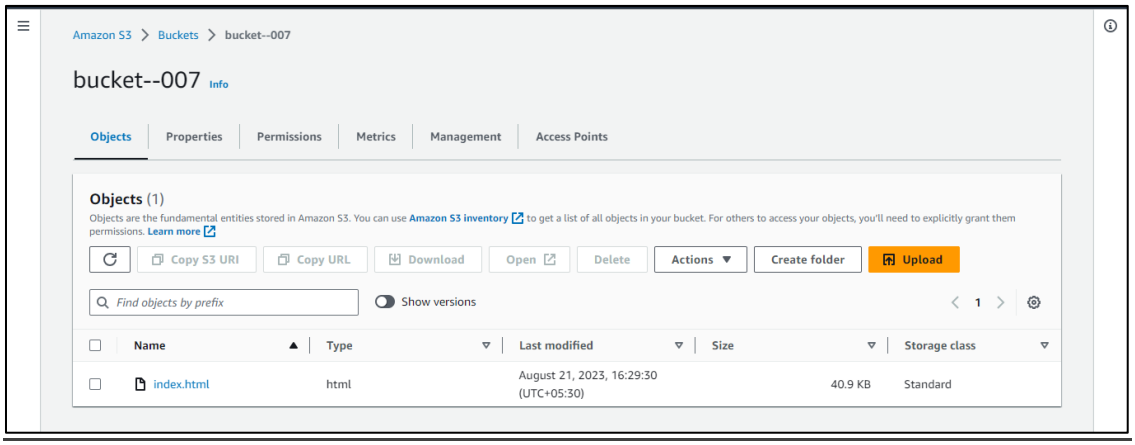
Step 2: Upload a file

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



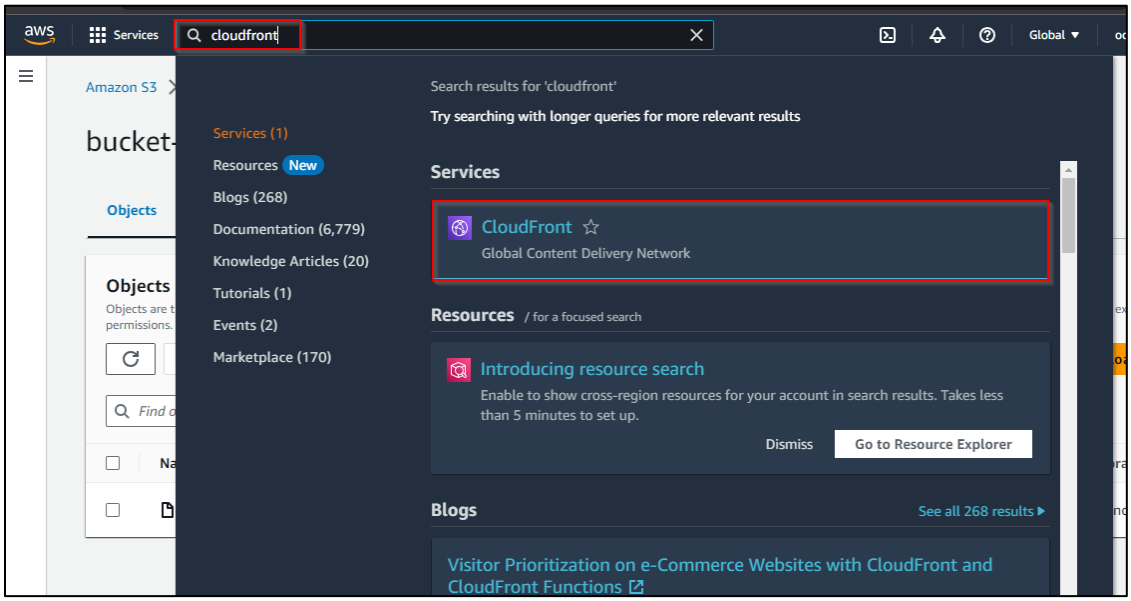


The uploaded file will now appear in the list of files within the bucket.

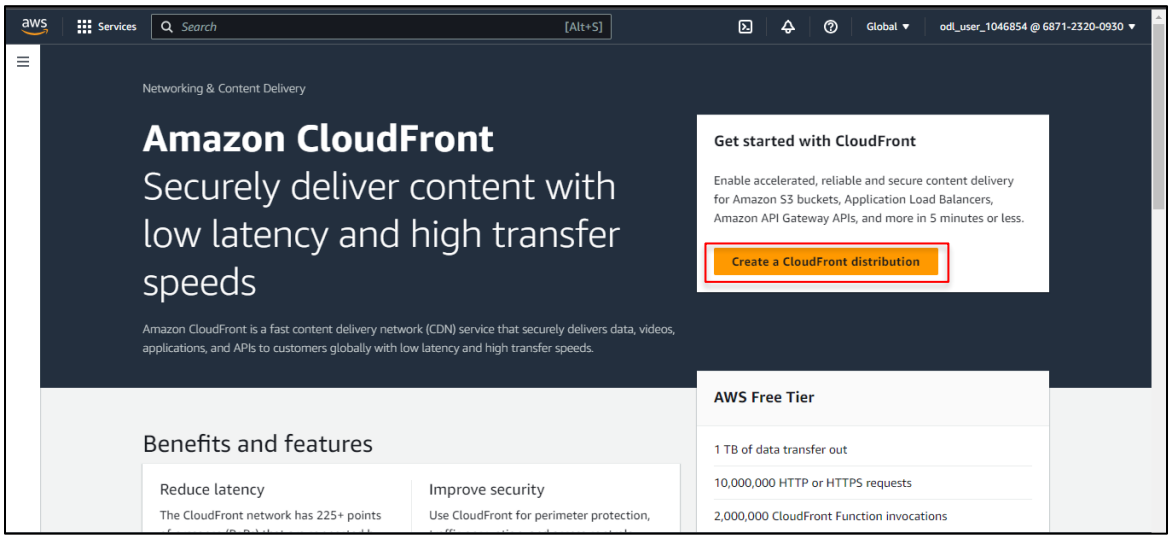
Note: HTML file should be already created in your local computer.

Step 3: Configure Amazon CloudFront

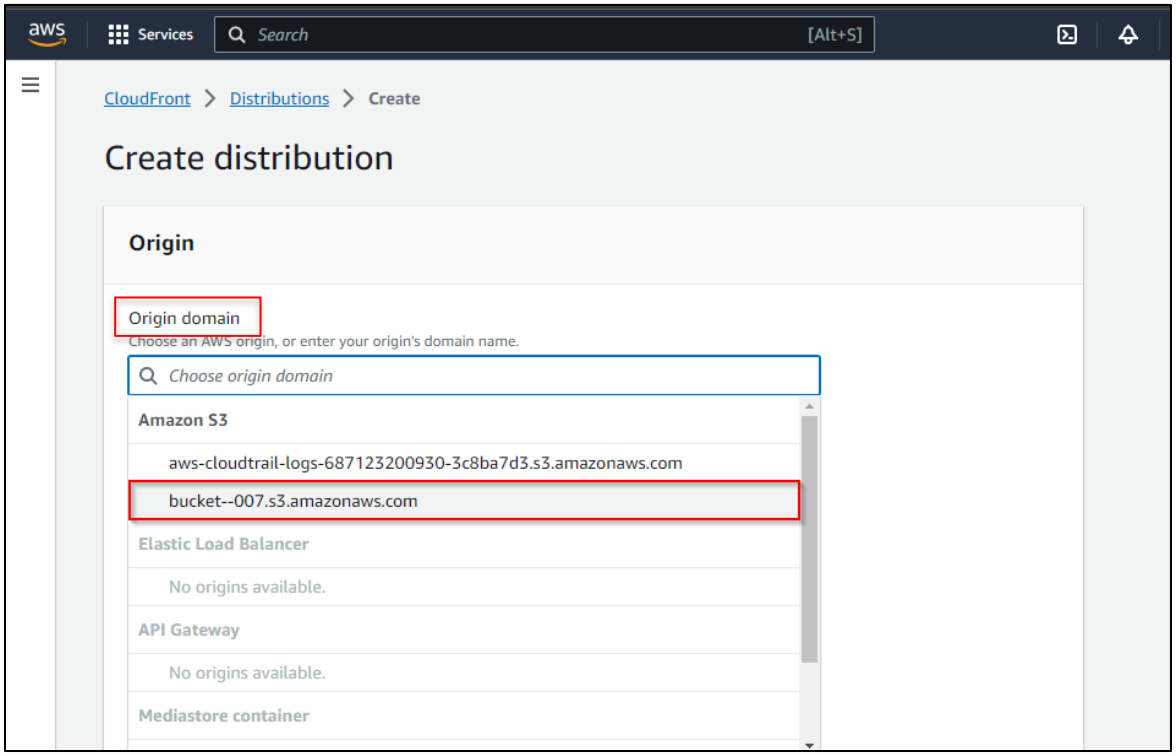
3.1 Search for **CloudFront** in the search bar



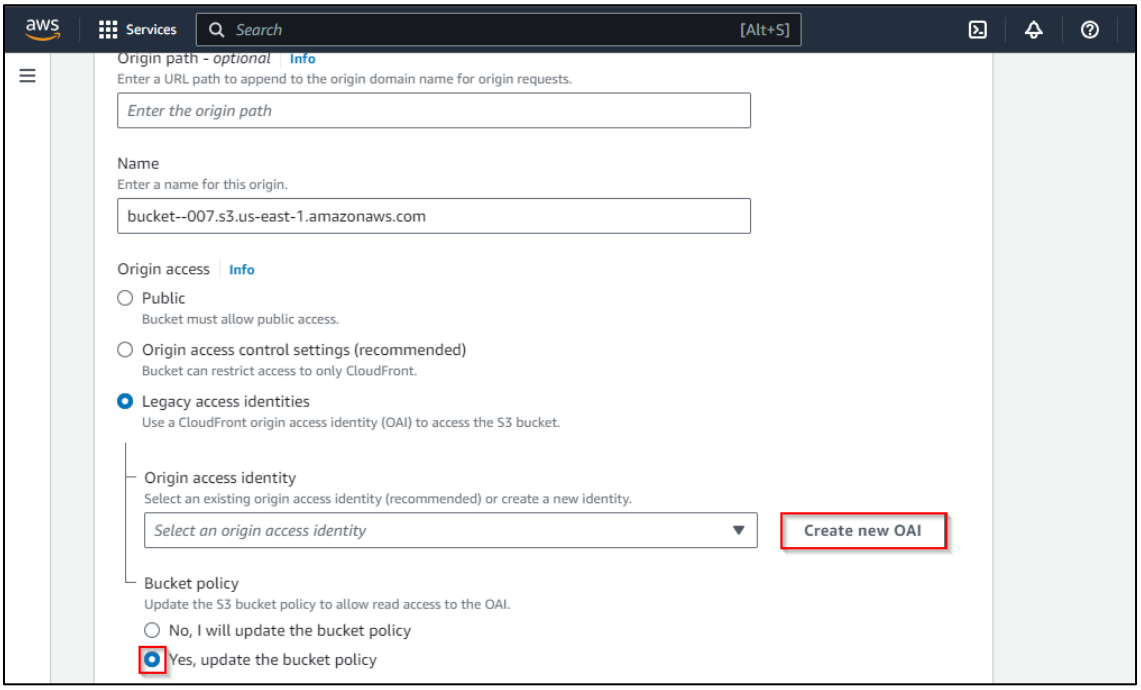
3.2 Click on **Create a CloudFront distribution**



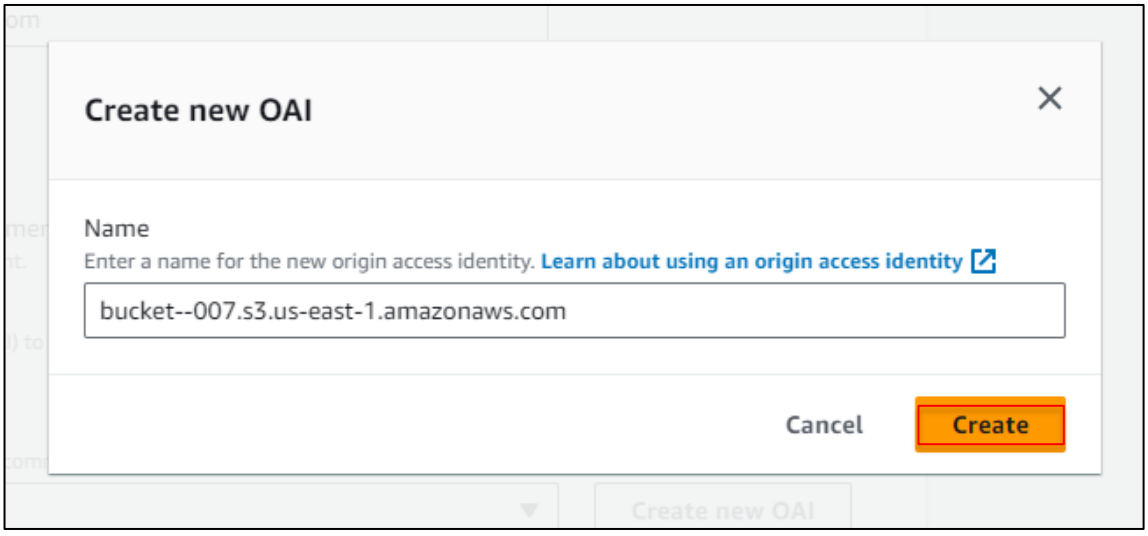
3.3 Select the bucket created earlier in the **Origin Domain** field



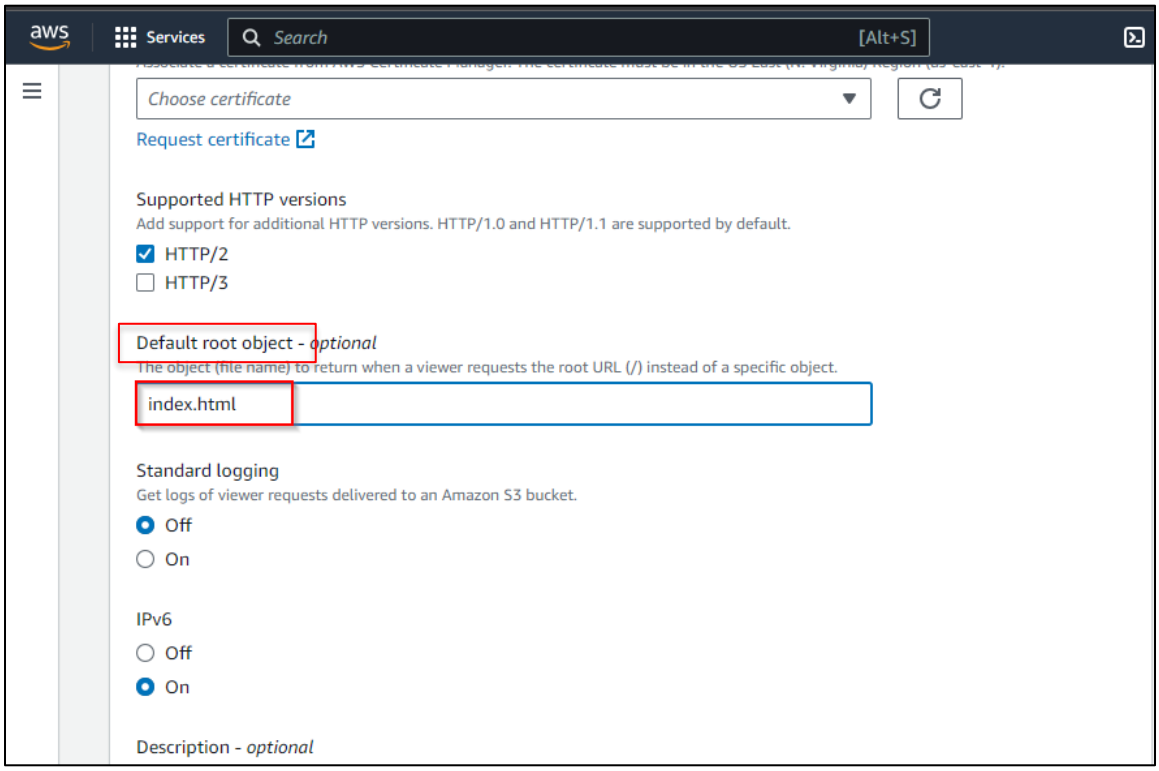
3.4 Click on **Legacy access identities,** then click on **Yes**, **update the bucket policy**, and proceed to **Create a new OAI** (Origin Access Identity)



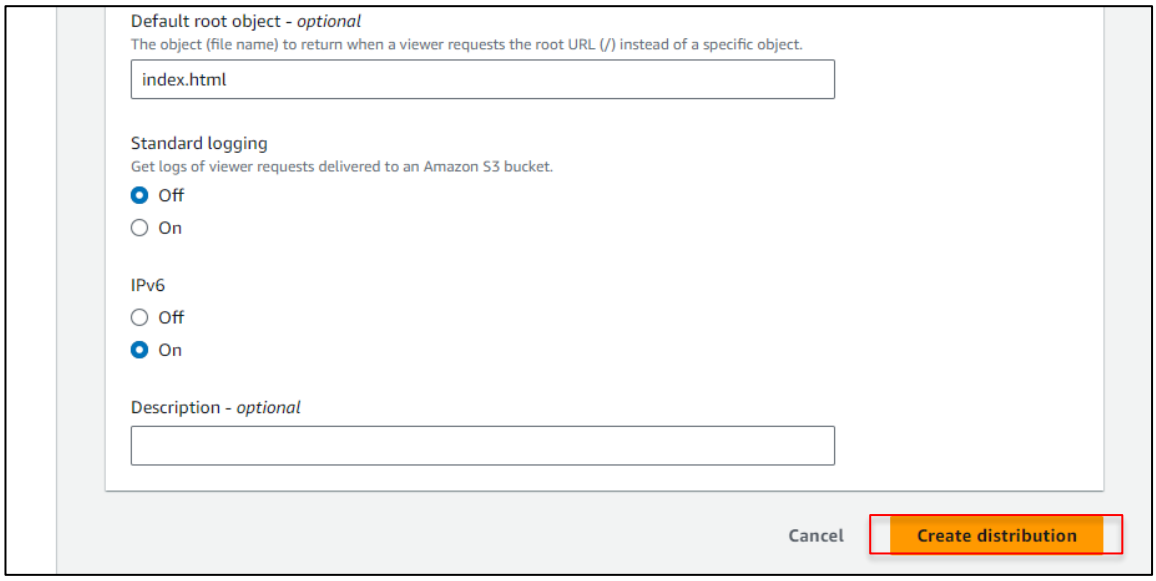
3.5 Click on **Create**



3.6 Enter **index.html** in the **Default root object** field



3.4 Click on **Create distribution**



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.