**S3 & CloudFront**

In this hands-on exercise, you will create a S3 bucket with a Cloud Front distribution to speed up our the delivery of content to our website.

**Prerequisites:**

* AWS Account

**Topics Covered:**

By the end of this lab, you will be able to:

* Create and configure a bucket
* Upload an object to a bucket
* Create distribution

**Steps:**

1. **Create S3 Bucket**
   * On the AWS Management Console page, type S3 in the Find Services box and then select S3.
   * Click Create bucket
   * Enter a Bucket name.
     + ***Note:*** Bucket names must be globally unique.
   * Click the Create button.
   * Once the bucket is created, click on the name of the bucket to open the bucket to the contents.
2. **Upload Object to Bucket**
   * Once the bucket is open to its contents, click the Upload button.
   * Click the Add Files button.
   * Select a file from your local computer to upload.
   * Click Open.
   * Click Upload.
3. **Create CloudFront Distribution**
   * Select Services from the top left corner.
   * Enter cloud front in the Find a service by name or feature text box and select Cloud Front.
   * Click Create Distribution.
   * Under the Web delivery method, select Get Started.
   * Under Origin Settings:
   * Under Origin Domain Name, select the S3 bucket that you just created.
   * Under Origin Path, enter / to indicate the root level.
   * Leave the defaults for the rest of the options.
   * Click Create Distribution.
     + ***Note:*** It may take up to 10 minutes for the CloudFront Distribution to be created.
4. **Delete Bucket and Distribution**
   * To delete the Cloud Front distribution, click on the radio button next to the Delivery Method for the distribution. Click Disable and then Yes, Disable. Click Close.
   * Once the distribution is disabled, you can delete it by selecting the radio button next to the Delivery Method and clicking the Delete button.
   * To delete the S3 bucket, navigate to S3, but clicking on Services and typing S3 in the Find Services box and then select S3.
   * Select the radio button next to the name of the bucket you want to delete.
   * Click Delete.
   * Type the name of the bucket to confirm deletion.
   * Click the Confirm button.