**Create a Static Website Using Amazon S3 with a Bucket Policy I**

**About this Hands-on Lab**

In this AWS hands-on lab, we will create and configure a simple static website. We will go through configuring that static website with a custom error page. This will demonstrate how to create a cost-efficient website hosting for site**s** that consist of files like HTML, CSS, JavaScript, fonts, and images.

**Learning Objectives**

Successfully complete this lab by achieving the following learning objectives:

**Create S3 Bucket**

Create an S3 bucket that begins in your preferred region, and upload the code for the static site.

**Enable Static Website Hosting**

You can use Amazon S3 to host a static website. On a static website, individual web pages include static content. They might also contain client-side scripts.

To host a static website on Amazon S3, configure an Amazon S3 bucket for website hosting and then upload your website content to the bucket.

When you configure a bucket as a static website, you must enable website hosting, set permissions, and create and add an index document.

**Apply Bucket Policy**

To make objects in your bucket publicly readable, write a bucket policy that grants everyone s3:GetObject permission.

After you edit S3 Block Public Access settings, you can add a bucket policy to grant public read access to your bucket. When you grant public read access, anyone on the internet can access your bucket.

## NOTE: When creating the bucket, uncheck all four checkboxes on ***Block public access (bucket settings).***

If you skip this step, the bucket policy will have no effect. If you made a mistake and created the bucket without unchecking the checkboxes, you may go to Bucket > Permissions > Block Public access settings > Edit, and uncheck all four restrictions. Then add a bucket policy, go to Bucket > Permissions > Bucket Policy, and add the JSON statement in the BucketPolicy I.txt(replacing <MY\_BUCKET> with your bucket name).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*