AWS Lab 5

Static Website Using S3
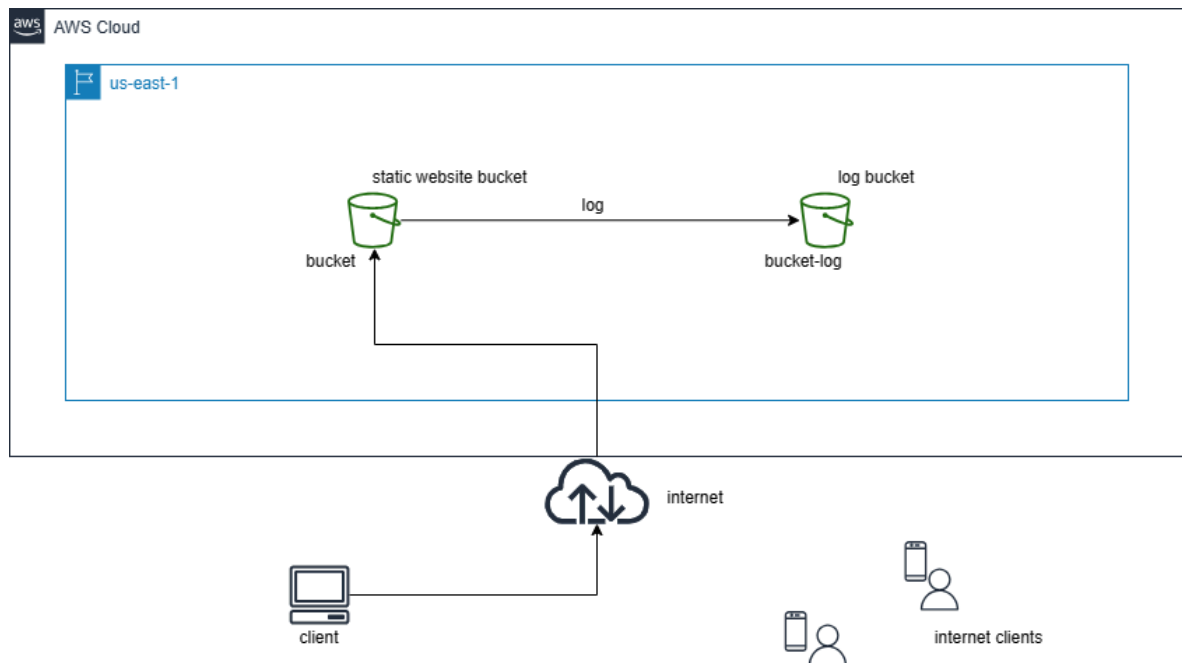
Overview of the lab

In this lab you will learn to how to setup a static website using s3

Website

- Static side   - website code that will not process in the server
- Dynamic side - website code that will process or run in the server

Architecture

Step by Step Lab

Create a S3 bucket (us-east-1a) for static website hosting

1. In S3 click on create bucket
   a. Bucket name - jerrish   (should be unique name)
   b. AWS region - us-east-1
   c. Uncheck block all public access and acknowledge
2. Click on create bucket

Upload sample static website code

3. Click on the bucket name
4. Click on Upload and click on Add files
5. Select the files from your local laptop and click on Upload

Enable static website hosting

6. Click on bucket Properties
7. In static website hosting - click on Edit
   a. Static website hosting - enable
   b. Hosting type - Host a static website
   c. Index document - index.html
8. Click on Save changes

Try accessing the website using the bucket website endpoint (you see 403 forbidden)

Change bucket policy for public access

9. Click on Permissions

10. In Block public access - click on Edit and uncheck block all public access and save changes

11. In bucket policy - click on Edit (copy and paste the below bucket policy) - replace bucket name

```
{
  "Id": "Policy1654868233774",
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "Stmt1654868231381",
      "Action": [
        "s3:GetObject"
      ],
      "Effect": "Allow",
      "Resource": "arn:aws:s3:::jerrish/*",
      "Principal": "*"
    }
  ]
}
```

12. Click on Save changes

Try again accessing the website using the bucket website endpoint to see the static page