



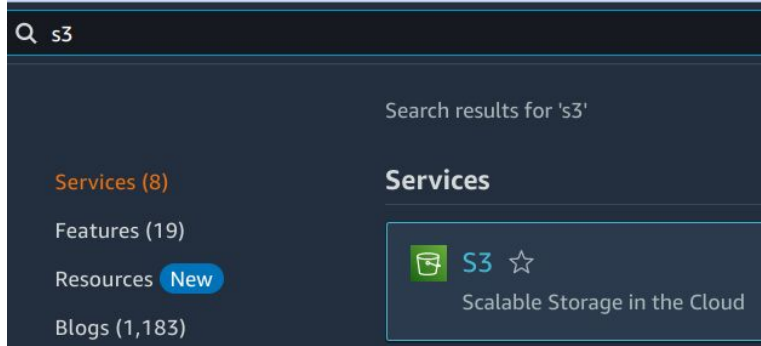
Hosting Static Website in S3

Storage based lab



After completing this lab we will be able to

1. Create a bucket in Amazon S3
2. Upload content to your bucket
3. Enable access to the bucket objects
4. Update the website



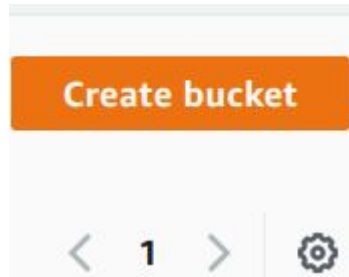
Task 1:

Amazon S3

Buckets

1: Choose for the S3 service in console

2: Choose **Buckets** option



3: Click on **Create Bucket**

Task 2: Fill every data needed to create bucket in **create bucket** section

1. Enter bucket name (name must be unique globally).
2. Select region.
3. Object ownership.
4. Public Access setting for bucket.
5. Bucket versioning.
6. Tags (optional).
7. Default encryption.
8. Finally, click on **create bucket**.

Task 3: Working in bucket

1. Select properties tab.
2. Scroll down to static website hosting.
3. Then perform following task:

Configure the following settings:

- Static web hosting: Enable
- Hosting type: Host a static website
- Index document: `index.html`
 - **Note:** You must enter this value, even though it is already displayed.
- Error document: `error.html`

Choose **Save changes**

Task 4: Uploading content to bucket

1. Select objects tab.
2. Click in the upload option.
3. Browse the website files from local device and upload them.

Note:

We can also update the data that is uploaded in the bucket in the local device and re-upload the data in cloud after updating it.
For eg: we can update “index.html” file and the re-upload it.

Task 5: Enabling access to the objects

Objects stored in S3 are private by default which ensures the security of the data. In this lab we will make the objects publicly accessible.

There are two ways to make S3 objects public:

1. Make whole bucket public or some directory in bucket public using a bucket policy.
2. Make individual objects public using ACL.

Steps:

1. Select the uploaded objects.
2. Choose make public via ACL from actions tab.
3. Choose make public.

Task 6: We can now access the website using link from static
website hosting option from properties tab



Demo of the static website