**2. Create Your First AWS S3 Bucket and Upload Content and make it publicly accessible**

**S3 (Simple Storage Service)** is a scalable, durable, and secure object storage service from AWS that allows users to store and retrieve any amount of data at any time. It is commonly used for backups, static website hosting, big data analytics, and cloud-native applications.

**Procedure**

**Step 1**: Sign in to AWS Console/aws canvas

1. Go to the AWS Management Console ([https://aws.amazon.com/console/). /aws](https://aws.amazon.com/console/).%20%20/aws) academy

2. Sign in to your AWS account.

**Step 2:** Navigate to S3 Service

Navigate to the Amazon S3 service by searching for it in the AWS services

**Step 3**: Create a Bucket

1. Click on the "Create bucket" button.

2. Enter a unique bucket name (bucket names must be globally unique across all of AWS) and select the region for your bucket.

3. Click "Create".

**Step 4**: Upload Content to the Bucket

1. Once your bucket is created, click on its name to open it.

2. Click on the "Upload" button.

3. Choose the files or folders you want to upload from your local machine.

4. Click "Upload" to upload the selected content to your bucket.

**You can view the object using the URL provided in the object session. However, since the bucket is private, you won't be able to access it. To resolve this, the necessary permissions need to be managed**.

**Step 5**: Manage Access Permissions

1. Select the bucket you want to manage access for.

2. Click on the "Permissions" tab.

3. Click on edit for "Block public access"---here uncheck the Block all public access and save the changes

4. Click on edit for "Object Ownership", and enable the ACLs enabled

5. Next Click on edit for “Access Control list (ACL)”—enable the Everyone (public access) and acknowledge the changes

6. Click "Save".

**Step 6**: Make Content Public (Optional)

1. Select the objects (files) you want to make public.

2. Click on the "permissions" tab.

3. Next Click on edit for “Access Control list (ACL)”—enable the Everyone (public access) and acknowledge the changes

4. Click "Save".

**Note:- Now check with object URL which present in the object link—you can it is visible for everyone**

**Conclusion:-** Students will learn about the storage service and its policies and permission