

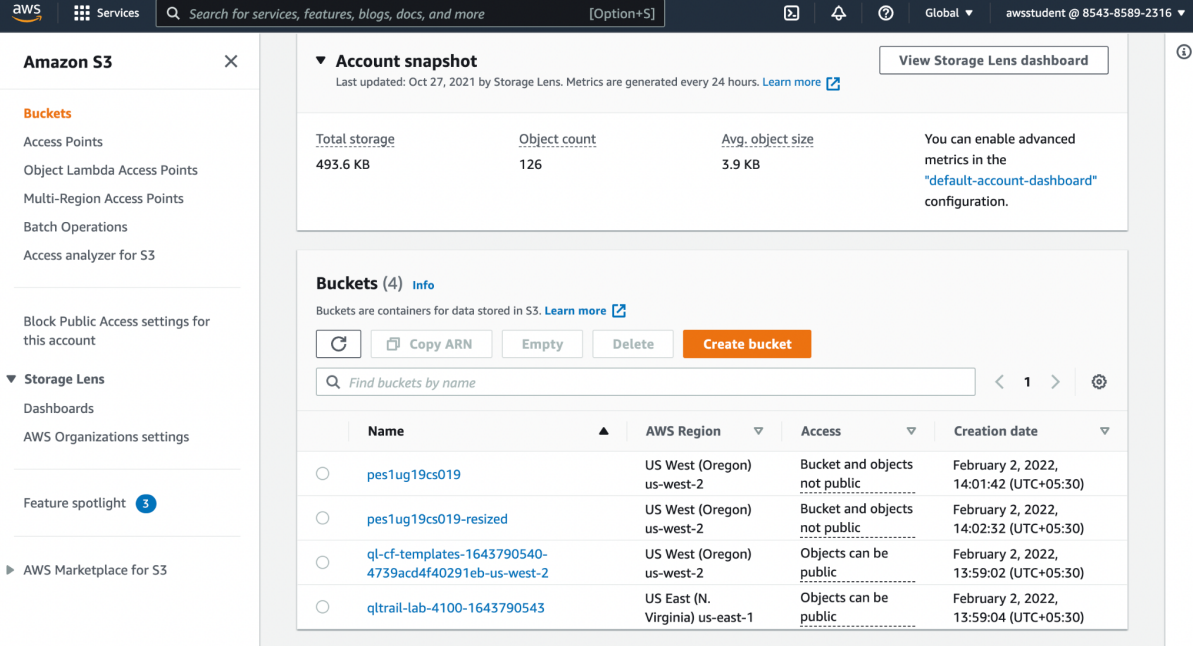
Cloud Computing Lab - 1

Introduction to Serverless Computing with AWS Lambda

Name : **Abhishek Aditya BS**
SRN : **PES1UG19CS019**
Semester & Section : **VI Sem A Section**

Task - 1

Creating Two S3 buckets to hold the original image uploaded and another to store the resized image.



The screenshot shows the AWS Management Console for the Amazon S3 service. The left sidebar contains navigation links for Buckets, Access Points, Object Lambda Access Points, Multi-Region Access Points, Batch Operations, Access analyzer for S3, Block Public Access settings, Storage Lens, Dashboards, AWS Organizations settings, Feature spotlight, and AWS Marketplace for S3. The main content area displays an 'Account snapshot' and a 'Buckets (4)' section. The 'Buckets (4)' section includes a search bar and a table listing the buckets.

	Name	AWS Region	Access	Creation date
<input type="radio"/>	pes1ug19cs019	US West (Oregon) us-west-2	Bucket and objects not public	February 2, 2022, 14:01:42 (UTC+05:30)
<input type="radio"/>	pes1ug19cs019-resized	US West (Oregon) us-west-2	Bucket and objects not public	February 2, 2022, 14:02:32 (UTC+05:30)
<input type="radio"/>	ql-cf-templates-1643790540-4739acd4f40291eb-us-west-2	US West (Oregon) us-west-2	Objects can be public	February 2, 2022, 13:59:02 (UTC+05:30)
<input type="radio"/>	qltrail-lab-4100-1643790543	US East (N. Virginia) us-east-1	Objects can be public	February 2, 2022, 13:59:04 (UTC+05:30)

Task - 2

Showing the Test run successfully

The screenshot shows the AWS Lambda console interface. At the top, there's a navigation bar with the AWS logo, 'Services' link, a search bar, and user information 'awsstudent @ 8543-8589-2316'. The main content area displays the 'Execution result: succeeded (logs)' for a specific Lambda function. Below this, there's a 'Details' section with a text area showing 'null'. A 'Summary' section provides key metrics: Code SHA-256 (hDKILU+8k2GwuE02YjCSXBeYkr5auTN90I84Ub5sY4=), Request ID (940531c0-5375-420d-8574-61c14a4733c9), Init duration (440.22 ms), Duration (970.61 ms), Billed duration (971 ms), Resources configured (128 MB), and Max memory used (68 MB). The 'Log output' section shows a log entry with details like 'START RequestId: 940531c0-5375-420d-8574-61c14a4733c9 Version: \$LATEST' and 'END RequestId: 940531c0-5375-420d-8574-61c14a4733c9'. The bottom of the console has a footer with 'Feedback', 'English (US)', and copyright information.

Execution result: succeeded (logs)

Details

The area below shows the result returned by your function execution. [Learn more](#) about returning results from your function.

```
null
```

Summary

Code SHA-256	Request ID
hDKILU+8k2GwuE02YjCSXBeYkr5auTN90I84Ub5sY4=	940531c0-5375-420d-8574-61c14a4733c9
Init duration	Duration
440.22 ms	970.61 ms
Billed duration	Resources configured
971 ms	128 MB
Max memory used	
68 MB	

Log output

The section below shows the logging calls in your code. [Click here](#) to view the corresponding CloudWatch log group.

```
START RequestId: 940531c0-5375-420d-8574-61c14a4733c9 Version: $LATEST
END RequestId: 940531c0-5375-420d-8574-61c14a4733c9
REPORT RequestId: 940531c0-5375-420d-8574-61c14a4733c9  Duration: 970.61 ms    Billed Duration: 971 ms Memory Size: 128 MB    Max Memory Used: 68 MB    Init Duration: 440.22 ms
```

Task - 3

Showing the Thumbnail created in the resized image bucket

The screenshot shows the AWS S3 console interface. The left sidebar contains navigation links for 'Buckets', 'Access Points', 'Storage Lens', and 'Feature spotlight'. The main content area displays the details for a bucket named 'pes1ug19cs019-resized'. Below the bucket name, there are tabs for 'Objects', 'Properties', 'Permissions', 'Metrics', 'Management', and 'Access Points'. The 'Objects' tab is active, showing a list of objects. There is one object named 'HappyFace.jpg' with a size of 2.6 KB and a storage class of 'Standard'. The bottom of the console has a footer with 'Feedback', 'English (US)', and copyright information.

Amazon S3

pes1ug19cs019-resized

Objects (1)

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

Copy S3 URI Copy URL Download Open Delete Actions

Create folder Upload

Find objects by prefix

	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	HappyFace.jpg	jpg	February 2, 2022, 14:16:14 (UTC+05:30)	2.6 KB	Standard