

Cloud Computing Lab week 10 - Serverless Computing With AWS Lambda and AWS API Gateway

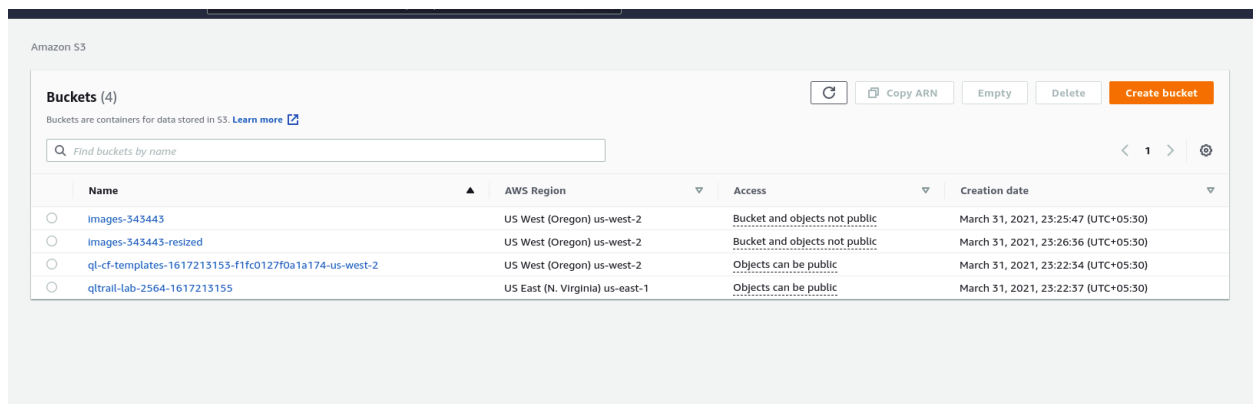
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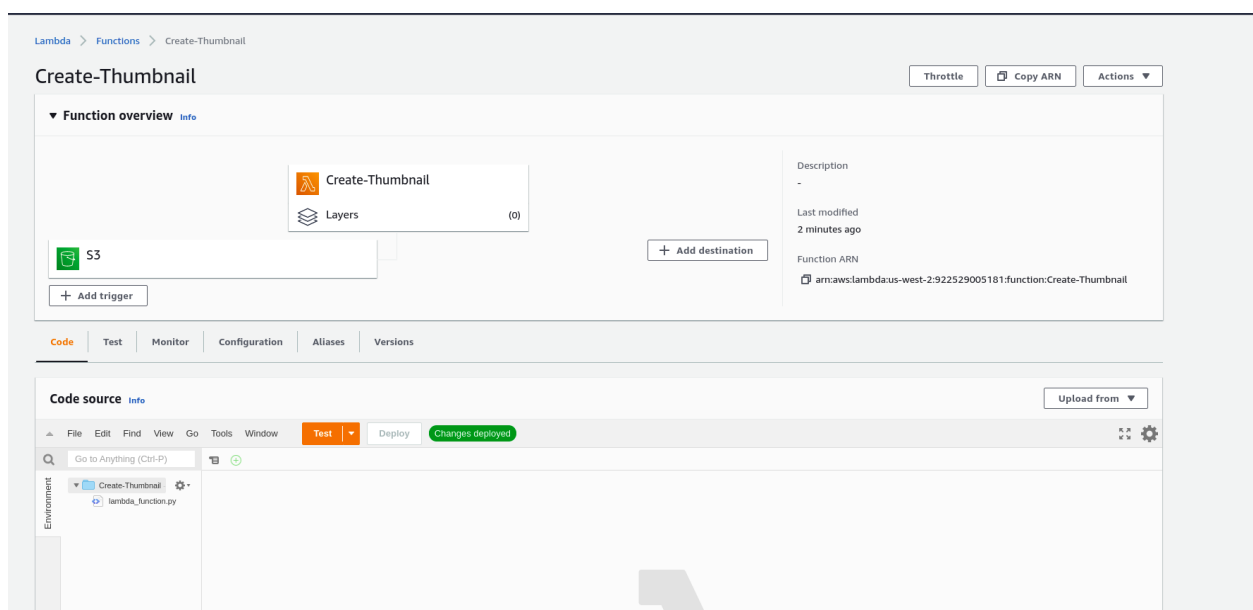
Section : G

Task1

1a



1b



1c

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
hDKiLU+8k2GwuE02YjCSXBeYkrr5auTN90iB4Ub5sY4=

Request ID
0bfab6bd-501d-4391-82e3-79bca1a3eb51

Init duration
501.13 ms

Duration
1012.99 ms

Billed duration
1013 ms

Resources configured
128 MB

Max memory used
81 MB

Log output

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

START RequestId: 0bfab6bd-501d-4391-82e3-79bca1a3eb51 Version: \$LATEST
END RequestId: 0bfab6bd-501d-4391-82e3-79bca1a3eb51
REPORT RequestId: 0bfab6bd-501d-4391-82e3-79bca1a3eb51 Duration: 1012.99 ms Billed Duration: 1013 ms Memory Size: 128 MB Max Memory Used: 81 MB Init Duration: 501.13 ms

1d

Amazon S3 > images-343443-resized

images-343443-resized

Objects

Properties

Permissions

Metrics

Management

Access Points

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](#)

Refresh

Delete

Actions

Create folder

Upload

Find objects by prefix

	Name	Type	Last modified	Size	Storage class
	HappyFace.jpg	jpg	March 31, 2021, 23:37:50 (UTC+05:30)	2.6 KB	Standard

Task-2

2a

The screenshot shows the AWS Lambda console for a function named 'FAQ'. At the top, a green notification bar states: 'The trigger FAQ-API was successfully added to function FAQ. The function is now receiving events from the trigger.' Below this, the 'Function overview' section displays the function icon, name 'FAQ', and a description 'Provide a random FAQ'. It also shows the last modified time as '1 minute ago' and the function ARN as 'arn:aws:lambda:us-west-2:774549547346:function:FAQ'. The 'Configuration' tab is selected, showing the 'Triggers' section with one trigger: 'API Gateway: FAQ-API'. The 'General configuration' section on the left shows 'Triggers' as the active tab.

2b

The screenshot shows a web browser window with the URL 'https://tf2beoe2g.execute-api.us-west-2.amazonaws.com/myDeployment/FAQ'. The browser displays a JSON response from the API:

```
{
  "q": "Will AWS Lambda reuse function instances?",
  "a": "To improve performance, AWS Lambda may choose to retain an instance of your function and reuse it to serve a subsequent request, rather than creating a new copy. Your code should not assume that this will always happen."
}
```

2c

The screenshot shows the AWS Lambda console displaying the 'Execution result: succeeded (logs)' for the FAQ function. The 'Details' section shows the function's response, which is a JSON object with a 'q' (question) and an 'a' (answer). The 'Summary' section provides key metrics for the execution:

Metric	Value
Code SHA-256	uK3eh77CmJYH2K2NwSiEdXdfyIEF4XJ8vQaOf8soYc=
Request ID	66ffa130-d57b-4c52-b857-d92bd9117f58
Duration	23.68 ms
Billed duration	24 ms
Resources configured	128 MB
Max memory used	65 MB

The 'Log output' section shows the function's execution logs, including the start and end of the request, the function's response, and the billed duration, duration, memory size, and max memory used.