

Brief on AWS Lambda



Introduction

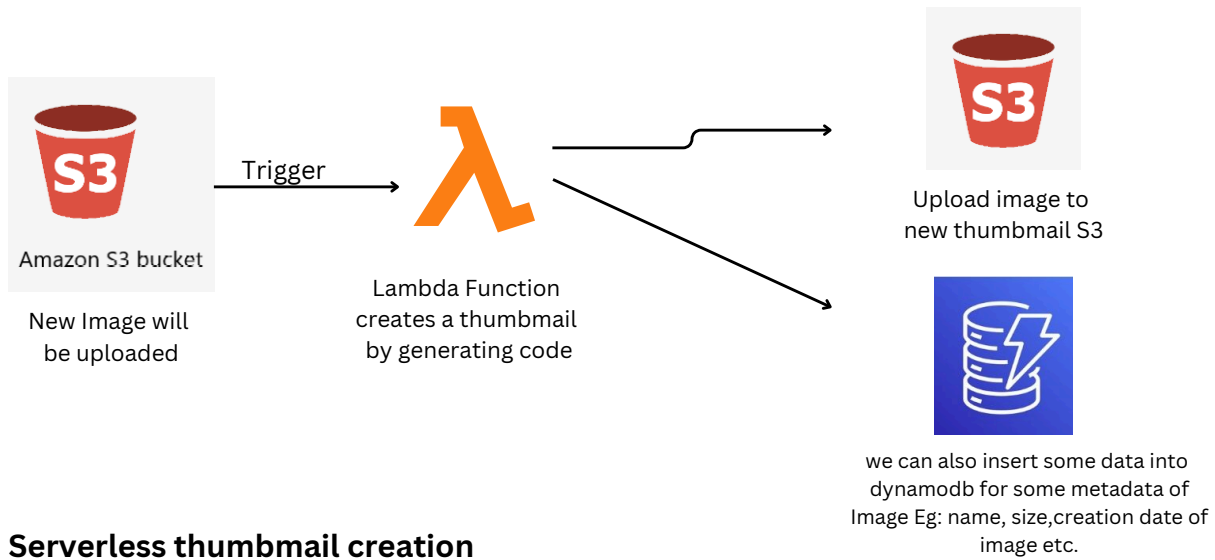
- AWS Lambda is used for high availability compute infrastructure. It includes operating system maintenance, server, capacity provisioning, automatic scaling.
- It is an Serverless service there are no servers to manage.
- A Platform as a service(PaaS).

Benefits of lambda

- Pay per request and compute time(Only pay for time when the code was running).
- Free tier of 10,00,000 AWS Lambda requests and 4,00,000 GB's of compute time.

Uses Cases

- It can be integrated with many programming languages.
 - Easy to get resources per function (upto to 10GB of RAM).
1. AWS Lambda integrations
 - API Gateways, Kinesis, S3, DynamoDB, CloudFront, CloudWatch, EventBridge, SNS, SQS, Cognito.



Serverless thumbnail creation

- Size of environment variable: 400 KB
- Maximum execution time : 15 Minutes(900 sec)