Amazon web services

# RESIZE THE IMAGE

## USING LAMBDA FUNCTION

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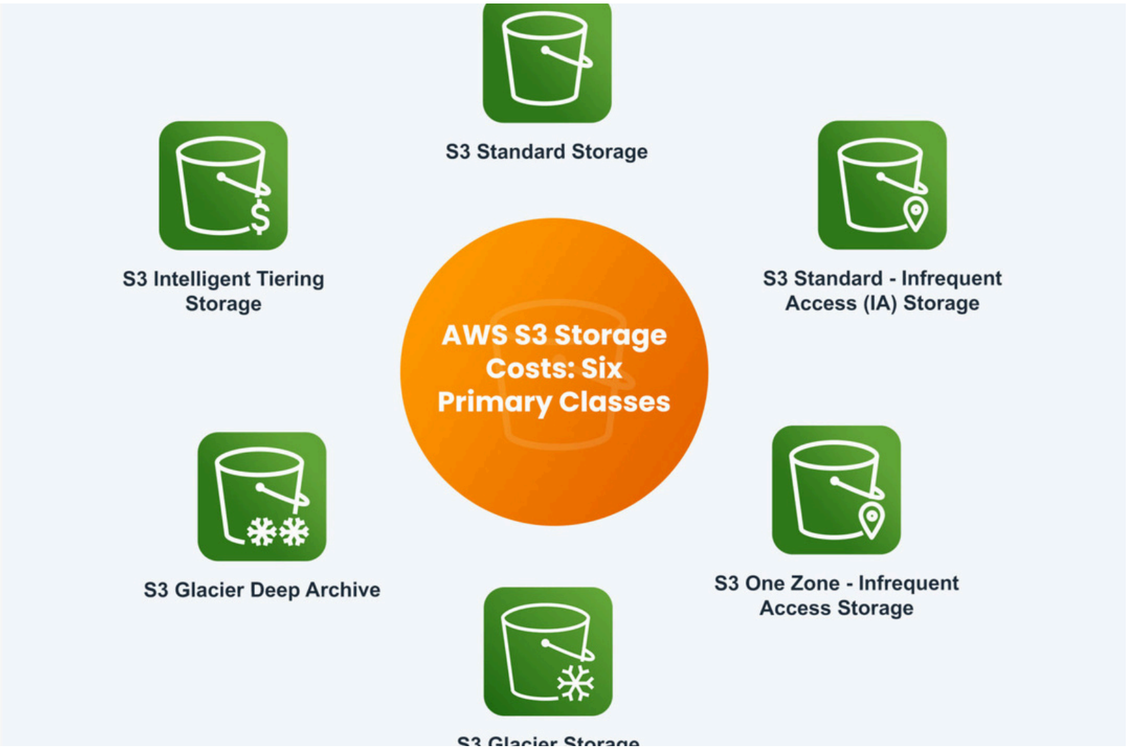
# SERVERLESS IMAGE PROCESSING

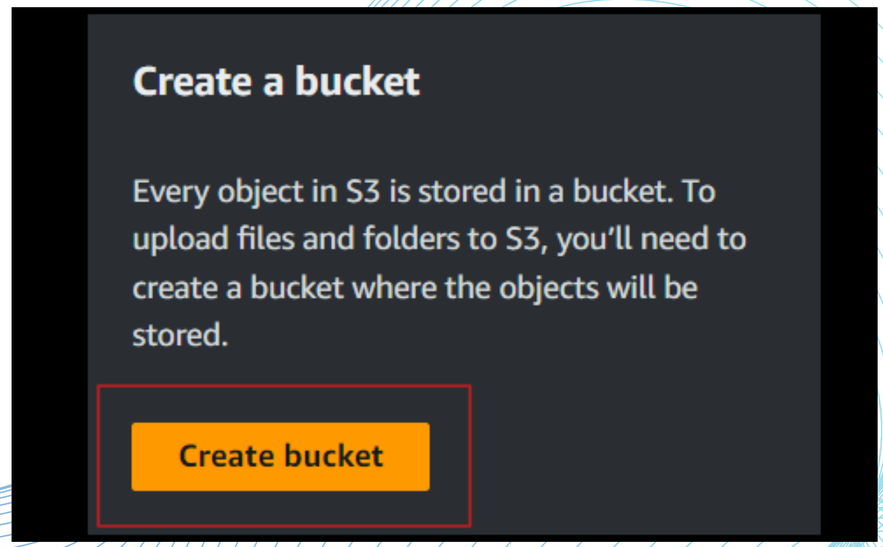
Create a serverless image processing application that automatically resizes and optimizes images uploaded to an Amazon S3 bucket.

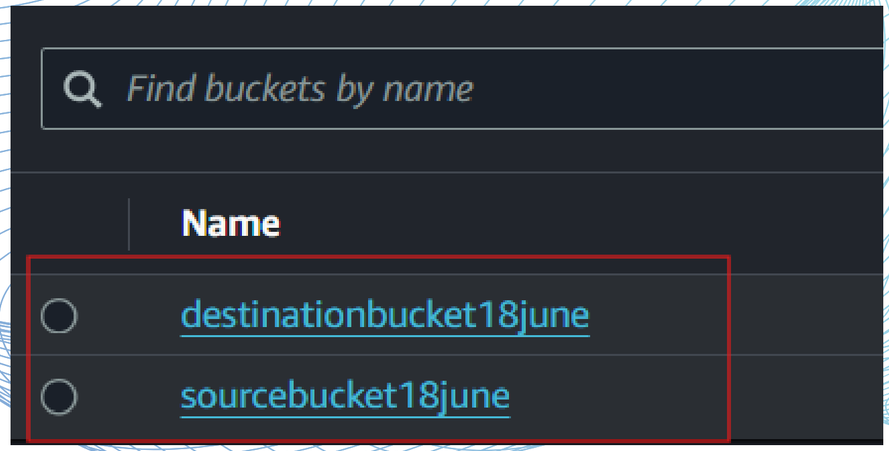
- create S3 Buckets
- Destination bucket
- Source bucket
- Lambda Function
- Create Policy
- Create Role
- Attach Role
- Write Code on lambda Function
- Upload image
- Review the Result.



# CREATE S3 BUCKET

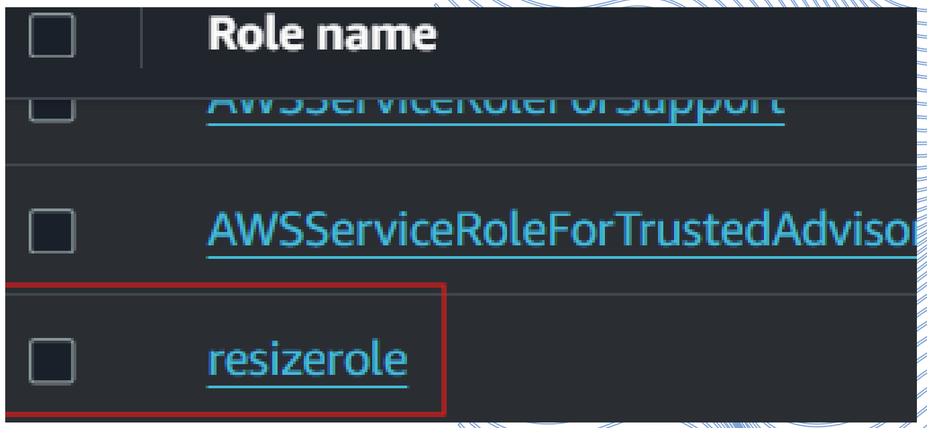
1. Navigate to S3 bucket
2. Create two S3 Bucket with appropriate specification
3. First Bucket is Source Bucket
4. Second Bucket is destination Bucket.

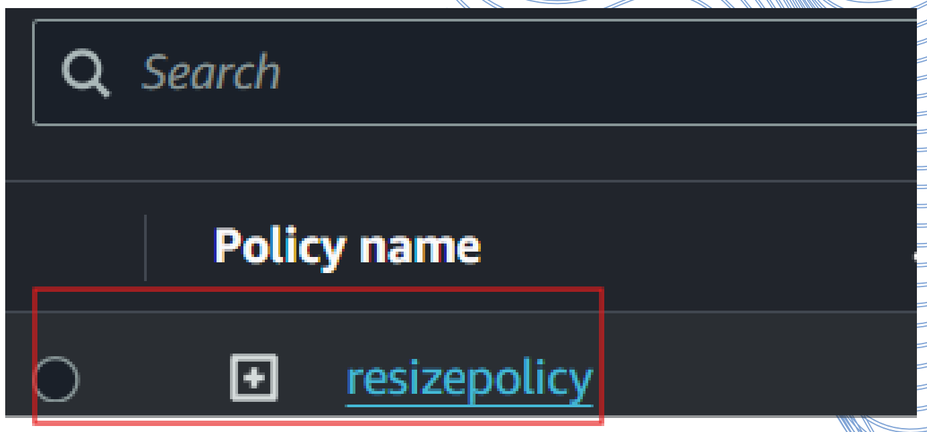


# CREATE ROLE WITH POLICY

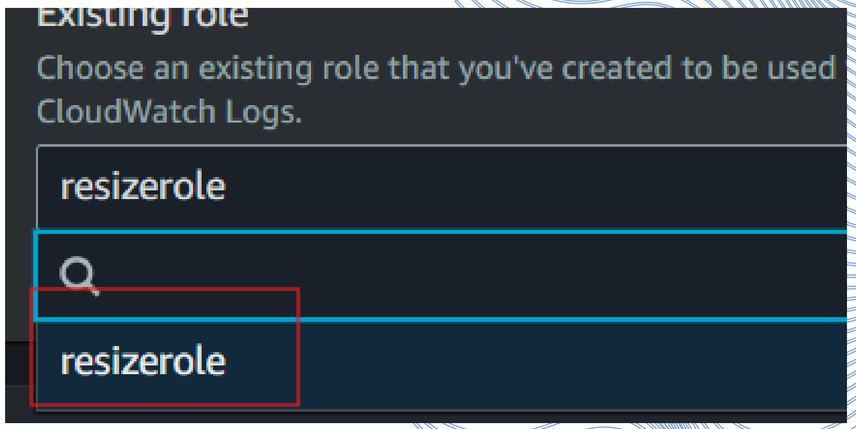
1. Navigate to IAM
2. Go to policy tab
3. Click on Create Policy
4. Go to Role tab
5. Click on Create Role.

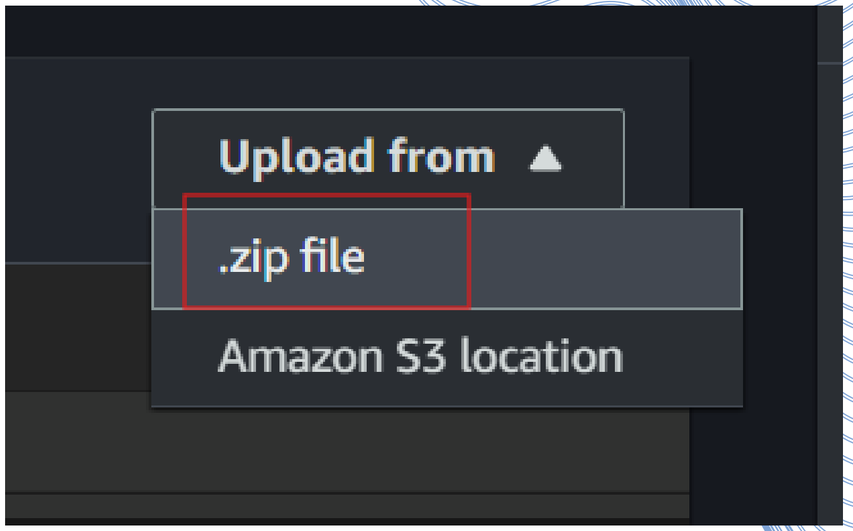


# CREATE A LAMBDA FUNCTION

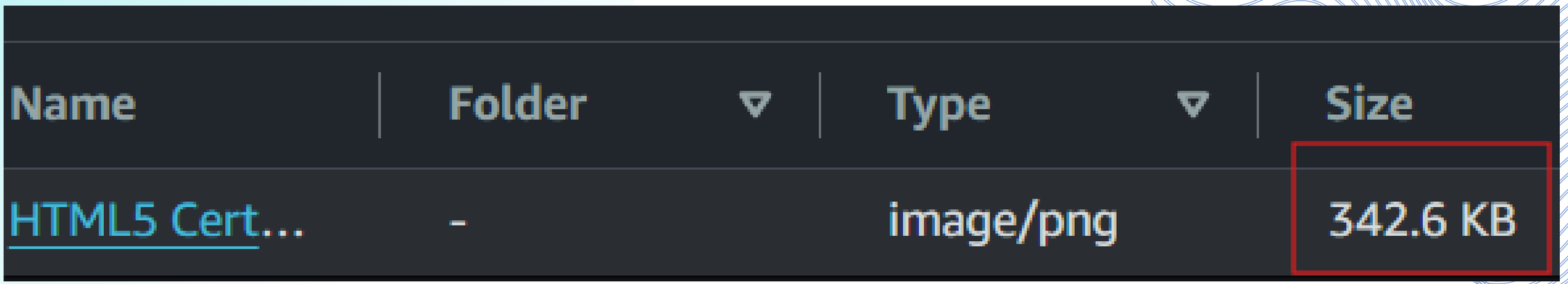
1. Navigate to Lambda Function
2. Click on the Create Function
3. Select Node.js 18.x
4. Click on Change default execution role
5. Select “Use an existing Role”
6. Select the recently create role.
7. Now write Node.js code in Code option and deploy it
8. Click on “Add Trigger” select S3.



# UPLOAD AN IMAGE IN SOURCE BUCKET

1. Click on the Source Bucket
2. Click on upload
3. Upload an Image
4. Review the results on Destination Bucket.



# LET'S CONNECT WITH ME!

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# THANK YOU!