**Problem Statement:**

You work for XYZ Corporation. Your corporation wants to launch a new web-based application and they do not want their servers to be running all the time. It should also be managed by AWS. Implement suitable solutions.

**Tasks To Be Performed:**

1. Create a sample Python Lambda function.

2. Set the Lambda Trigger as SQS and send a message to test invocations.

Crate a S3 Bucket

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**create a lambda function**

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Craete Function

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**next need to add trigger**

Now go to the Code at the bottom and delete that code, and replace with the below code

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Now add the code below mentioned and save

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exports.handler = function(event, context, callback) {

console.log("Incoming Event: ", event);

const bucket = event.Records[0].s3.bucket.name;

const filename = decodeURIComponent(event.Records[0].s3.object.key.replace(/\+/g, ' '));

const message = `File is uploaded in - ${bucket} -> ${filename}`;

console.log(message);

callback(null, message);

};

Once you have replaced >>> File >>> Save

Then >>> Click on "Test"

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One time it will ask you to configure the test events

Event name >>>> s3events >>> Save

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Again >>> Click on "Test"

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Once test is completed you can see there is Status = "Succeeded"

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Final Step >>>> Click on "Deploy"

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At the top you can see a notification >>> Successfully updated the function lambda functions

Step 6 >>>> Now you can go to the "Monitor"

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Click on View "CLoudwatch logs"

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There you can see your log groups and Log streams

The configuration of the lambda for this scenario is completed here.

Testing ??????

Upload a file again and check the log group

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Step 7 >>>> Testing

Copy the URL

https://myawsmaheshbucket.s3.amazonaws.com/saproutererror.png

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Lambda Function done Successfully

Pls check and update

Thanks