How to invoke Amazon Lambda with Step Function

To Create a Step Function

A screenshot of a computer screen

Description automatically generated with medium confidence

Going to create Hello world example

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A screenshot of a computer

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Select – create state machine

To start execution with new browser

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Description automatically generated

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In events, we can debug one by one by looking at what was the input and what was the output.

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If im going to start new execution with wrong input

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I have changed the input with “false”

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As a result, execution was failed

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With the help of event history, you can debug

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To create one more state machine

A screenshot of a chat

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Description automatically generated

We have to pass some data here. To do so, Im going to create a Lambda Function that will be invoked by step function.

To create a LambdaFunction with nodejs

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Use below link to update the nodejs code

<https://github.com/kohlidevops/aws-devops/blob/main/lambda-stepfunction-index.js>

A screenshot of a chat

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Test with some event

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Output should be like below

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Note the Lambda ARN, We will use later

Back to Step Function and remove the default snippet and paste the code using below link

<https://github.com/kohlidevops/aws-devops/blob/main/state-machine.json>

paste the code here and update the Lambda ARN. Once updated you will see the graph

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Next to create a state machine

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To start the execution with valid input

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Yes, Its succeeded with valid user name – Latchu

A screenshot of a computer

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If you give invalid user name as input (which is not listed in state-machine.json). Then execution will fail.

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Execution output will be like

A screenshot of a computer

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