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Assignment 3- lambda (python) function with URL parameters integrate with api gateway

Step 1:

Create Lambda function runtime as Python.

Graphical user interface, text, application, email

Description automatically generated

Add code(without param pass) in code editer and test after deploy.

We need to click on test button and set event name as test to excute.Graphical user interface, application

Description automatically generatedGraphical user interface, text, application

Description automatically generated

Step 2 :

Update Lambda function code to pass user input:

Graphical user interface, application

Description automatically generated

Test by configuring json input as below in test configuration:

Graphical user interface, text, application, email

Description automatically generated

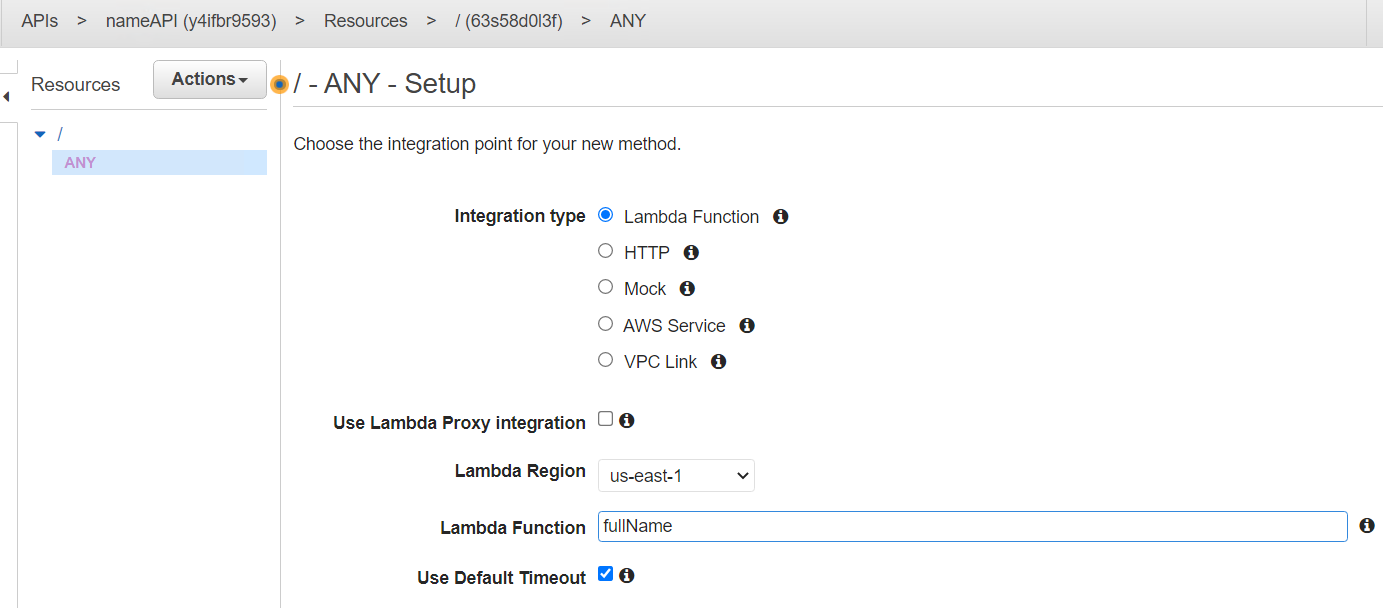
Step 3 :

Create API Gateway by choosing Rest API and Python as a language

Graphical user interface, application

Description automatically generated

Update API by clicking on Action button select “Create API” and Create Method “Any” select same, put Python function name “**fullName** and save.



Step 4 :

Select Method Execution -> Method Request -> Add Query Param variables

Graphical user interface, text, application

Description automatically generated

Step 5 :

Select Method Execution -> Integration Request -> click Method Template put “application/json” as content type and pass Param Json as below

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Step 6 :

Click on Action-> Deploy API and pass stage as “test” deploy. A new URL will be generated click on same.

Graphical user interface, application

Description automatically generated

Graphical user interface, text, application, chat or text message

Description automatically generated

When user is **not passing** required parameters ->

Graphical user interface, text, application, chat or text message

Description automatically generated

When user is **passing** required parameters ->

Graphical user interface, text, application

Description automatically generated