

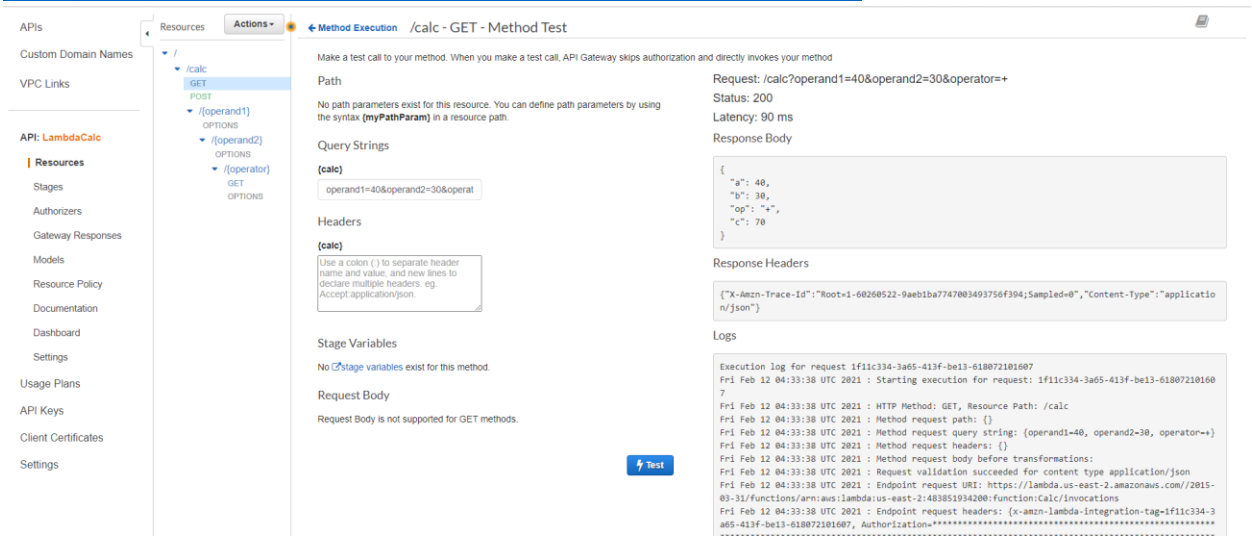
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API Gateway and Lambda non-proxy integration

2/12/2021

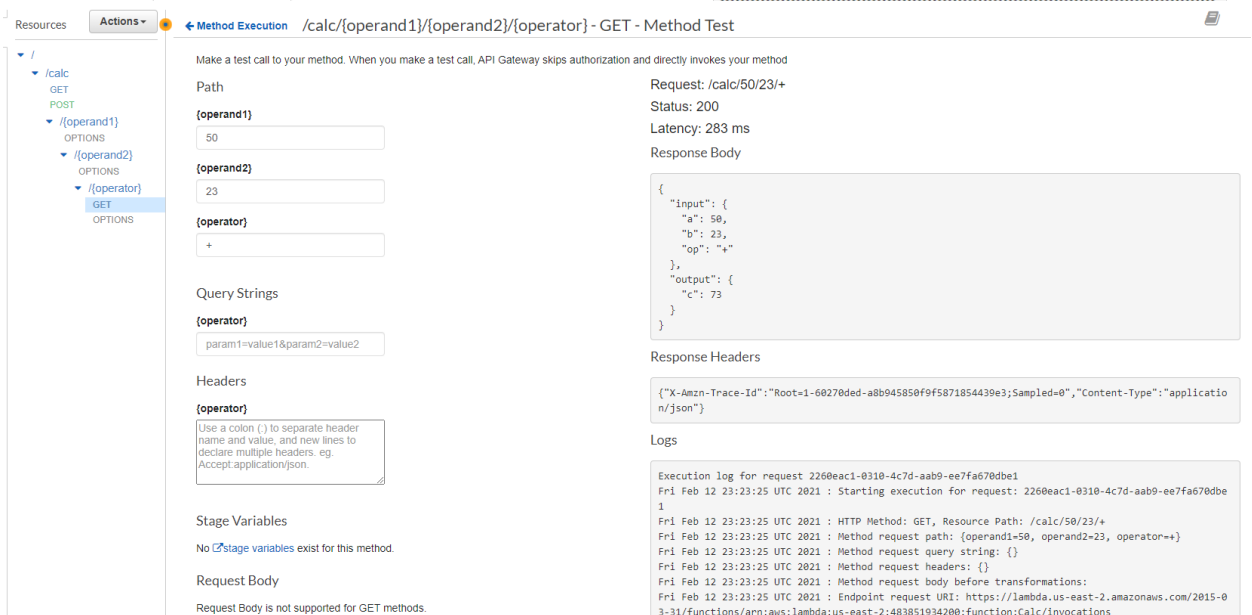
CAP

- 1) Working url for integration: <https://769h8sgu9j.execute-api.us-east-2.amazonaws.com/test/calc?operand1=8&operand2=77&operator=add>



The screenshot shows the AWS API Gateway console for the **API: LambdaCalc**. The **Resources** section shows the **/calc** resource with a **GET** method. The **Method Test** configuration is displayed, showing the path **/calc**, the request parameters **operand1**, **operand2**, and **operator**, and the response body **{ "a": 40, "b": 30, "op": "+", "c": 70 }**. The **Log** section shows the execution log for the request.

- 2)



The screenshot shows the AWS API Gateway console for the **API: LambdaCalc**. The **Resources** section shows the **/calc/{operand1}/{operand2}/{operator}** resource with a **GET** method. The **Method Test** configuration is displayed, showing the path **/calc/50/23/+**, the request parameters **operand1**, **operand2**, and **operator**, and the response body **{ "input": { "a": 50, "b": 23, "op": "+" }, "output": { "c": 73 } }**. The **Log** section shows the execution log for the request.

Resources Actions **Method Execution** /calc - POST - Method Test

Resources

- /
- /calc
 - GET
 - POST**
 - /operand1
 - OPTIONS
 - /operand2
 - OPTIONS
 - /operator
 - GET
 - OPTIONS

Make a test call to your method. When you make a test call, API Gateway skips authorization and directly invokes your method.

Path

No path parameters exist for this resource. You can define path parameters by using the syntax **{myPathParam}** in a resource path.

Query Strings

{calc}

param1=value1¶m2=value2

Headers

{calc}

Use a colon (:) to separate header name and value, and new lines to declare multiple headers. eg. Accept: application/json.

Stage Variables

No stage variables exist for this method.

Request Body

```
1 {"a": 1, "b": 2, "op": "+"}
```

Request: /calc

Status: 200

Latency: 372 ms

Response Body

```
{
  "a": 1,
  "b": 2,
  "op": "+",
  "c": 3
}
```

Response Headers

```
{"X-Amzn-Trace-Id": "Root=1-60272d2c-ab17e337a9908b16cbb7ee3b;Sampled=0", "Content-Type": "application/json"}
```

Logs

```
Execution log for request c261ba01-ad60-418d-b8ec-b51469797f81
Sat Feb 13 01:36:44 UTC 2021 : Starting execution for request: c261ba01-ad60-418d-b8ec-b51469797f81
Sat Feb 13 01:36:44 UTC 2021 : HTTP Method: POST, Resource Path: /calc
Sat Feb 13 01:36:44 UTC 2021 : Method request path: {}
Sat Feb 13 01:36:44 UTC 2021 : Method request query string: {}
Sat Feb 13 01:36:44 UTC 2021 : Method request headers: {}
Sat Feb 13 01:36:44 UTC 2021 : Method request body before transformations: {"a": 1, "b": 2, "op": "+"}
Sat Feb 13 01:36:44 UTC 2021 : Request validation succeeded for content type application/json
```

3) <https://769h8sgu9j.execute-api.us-east-2.amazonaws.com/test/calc/1/2/+>