

Code source info

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Go to Anything (Ctrl-P)

Environment

- InvokeBcryptLambda
  - bin
  - bcrypt
  - bcrypt-4.0.1.dist-info
  - certifi
  - certifi-2023.5.7.dist-info
  - chardet
  - chardet\_normalizer
  - chardet\_normalizer-3.2.0
  - idna
  - idna-3.4.dist-info
  - requests
  - requests-2.31.0.dist-info
  - urllib3
  - urllib3-2.0.4.dist-info
  - lambda\_function.py

```
4 def lambda_handler(event, context):
5     action = event['action']
6     value = event['value']
7
8     if action == 'bcrypt':
9
10        hashed_value = bcrypt.hashpw(value.encode('utf-8'), bcrypt.gensalt()).decode('utf-8')
11
12        response = {
13            "banner": "808028652",
14            "result": hashed_value,
15            "arn": "arn:aws:lambda:us-east-1:587818618762:function:InvokeBcryptLambda",
16            "action": 'bcrypt',
17            "value": value
18        }
19
20        post_data = {
21            "banner": response["banner"],
22            "result": response["result"],
23            "arn": response["arn"],
24            "action": response["action"],
25            "value": response["value"]
26        }
27
28        response = requests.post("https://7qaxoyrb.execute-api.us-east-1.amazonaws.com/default/end", json=post_data)
29        response.raise_for_status()
30
31        result_data = response.json()
32
33        if not result_data:
34            return None
35
36        return result_data
37
38    except requests.exceptions.RequestException as e:
39
40        return {
41            "state": "PostRequestError",
42            "error_message": str(e)
43        }
```

48:9 Python Spaces: 4

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Code source info

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Go to Anything (Ctrl-P)

Environment

- InvokeMD5Lambda
  - bin
  - certifi
  - certifi-2023.5.7.dist-info
  - chardet
  - chardet\_normalizer
  - chardet\_normalizer-3.2.0
  - idna
  - idna-3.4.dist-info
  - requests
  - requests-2.31.0.dist-info
  - urllib3
  - urllib3-2.0.4.dist-info
  - lambda\_function.py
  - requirements.txt

```
4 def lambda_handler(event, context):
5     action = event['input']['action']
6     value = event['input']['value']
7
8     if action == 'md5':
9
10        hashed_value = hashlib.md5(value.encode('utf-8')).hexdigest()
11        print("Hashed Value:", hashed_value)
12
13        response = {
14            "banner": "808028652",
15            "result": hashed_value,
16            "arn": "arn:aws:lambda:us-east-1:587818618762:function:InvokeMD5Lambda",
17            "action": 'md5',
18            "value": value
19        }
20
21        post_data = {
22            "banner": response["banner"],
23            "result": response["result"],
24            "arn": response["arn"],
25            "action": response["action"],
26            "value": response["value"]
27        }
28
29        response = requests.post("https://7qaxoyrb.execute-api.us-east-1.amazonaws.com/default/end", json=post_data)
30        response.raise_for_status()
31
32        result_data = response.json()
33
34        if not result_data:
35            return None
36
37        return result_data
38
39    except requests.exceptions.RequestException as e:
40
41        return {
42            "state": "PostRequestError",
43            "error_message": str(e)
44        }
```

35:6 Python Spaces: 4

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us-east-1.console.aws.amazon.com/lambda/home?region=us-east-1#/functions/InvokeSHA256Lambda?tab=code

Code source info

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Go to Anything (Ctrl-P)

Environment

- InvokeSHA256Lambda
- bin
- certifi
- certifi-2023.5.7.dist-info
- charset\_normalizer
- charset\_normalizer-3.2.0
- idna
- idna-3.4.dist-info
- requests
- requests-2.31.0.dist-info
- urllib3
- urllib3-2.0.4.dist-info
- lambda\_function.py
- lambda\_package1.zip
- requirements.txt

```
def lambda_handler(event, context):
    action = event['input']['action']
    value = event['input']['value']

    if action == 'sha256':
        hashed_value = hashlib.sha256(value.encode('utf-8')).hexdigest()
        print("Hashed Value:", hashed_value)

        response = {
            "statusCode": 200,
            "result": hashed_value,
            "arn": "arn:aws:lambda:us-east-1:587818610762:function:InvokeSHA256Lambda",
            "action": 'sha256',
            "value": value
        }

        url = "https://7qanuyrb.execute-api.us-east-1.amazonaws.com/default/end"
        headers = {'Content-Type': 'application/json'}
        payload = json.dumps(response)

        try:
            response = requests.post(url, data=payload, headers=headers)
            response.raise_for_status()
            return response.json()
        except requests.exceptions.RequestException as e:
            return {
                "error": str(e)
            }
        else:
            return {
                "state": 'InvalidActionState',
                "input": {
                    "action": action,
                    "value": value
                }
            }
```

31:41 Python Spaces: 4

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us-east-1.console.aws.amazon.com/states/home?region=us-east-1#/v2/executions/details/am.aws.states.us-east-1:587818610762:ex...

Graph view Table view

Graph view

Start

ProcessLambda

ChoiceState

InvokeSHA256Lambda

InvokeMD5Lambda

InvokeCryptLambda

InvalidActionState

End

Step Detail

Choose a step to view its details.

Events (14)

Filter by properties or search by keyword

Filter by a date and time range

1

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Step Functions Definition

```
1 {
2   "Comment": "Cloud A3 Machine",
3   "StartAt": "ProcessLambda",
4   "States": {
5     "ProcessLambda": {
6       "Type": "Task",
7       "Resource": "arn:aws:lambda:us-east-1:587818610762:function:ProcessLambda",
8       "InputPath": "$.input",
9       "ResultPath": "$.lambda_output",
10      "Next": "ChoiceState"
11    },
12    "ChoiceState": {
13      "Type": "Choice",
14      "Choices": [
15        {
16          "Variable": "$.lambda_output.action",
17          "StringEquals": "sha256",
18          "Next": "InvokeSHA256Lambda"
19        },
20        {
21          "Variable": "$.lambda_output.action",
22          "StringEquals": "md5",
23          "Next": "InvokeMD5Lambda"
24        },
25      ]
26    }
27  }
28 }
```

Export graph Layout

```
graph TD
    Start((Start)) --> ProcessLambda[ProcessLambda]
    ProcessLambda --> ChoiceState[ChoiceState]
    ChoiceState --> InvokeSHA256Lambda[InvokeSHA256Lambda]
    ChoiceState --> InvokeMD5Lambda[InvokeMD5Lambda]
    ChoiceState --> InvokeECryptLambda[InvokeECryptLambda]
    ChoiceState --> InvalidActionState[InvalidActionState]
    InvokeSHA256Lambda --> End((End))
    InvokeMD5Lambda --> End
    InvokeECryptLambda --> End
```

Step Functions Definition

```
23   "Next": "InvokeMD5Lambda"
24 },
25 {
26   "Variable": "$.lambda_output.action",
27   "StringEquals": "bcrypt",
28   "Next": "InvokeECryptLambda"
29 }
30 },
31 "Default": "InvalidActionState"
32 },
33 "InvokeSHA256Lambda": {
34   "Type": "Task",
35   "Resource": "arn:aws:lambda:us-east-1:587818610762:function:InvokeSHA256Lambda",
36   "InputPath": "$.lambda_output",
37   "End": true
38 },
39 "InvokeMD5Lambda": {
40   "Type": "Task",
41   "Resource": "arn:aws:lambda:us-east-1:587818610762:function:InvokeMD5Lambda",
42   "InputPath": "$.lambda_output",
43   "End": true
44 },
45 "InvokeECryptLambda": {
46   "Type": "Task"
47 }
```

Export graph Layout

```
graph TD
    Start((Start)) --> ProcessLambda[ProcessLambda]
    ProcessLambda --> ChoiceState[ChoiceState]
    ChoiceState --> InvokeSHA256Lambda[InvokeSHA256Lambda]
    ChoiceState --> InvokeMD5Lambda[InvokeMD5Lambda]
    ChoiceState --> InvokeECryptLambda[InvokeECryptLambda]
    ChoiceState --> InvalidActionState[InvalidActionState]
    InvokeSHA256Lambda --> End((End))
    InvokeMD5Lambda --> End
    InvokeECryptLambda --> End
```

Step Functions

State machines

Activities

Developer resources

Online learning workshop

Local Development

Data flow simulator

Feature spotlight

Documentation

Join our feedback panel

Executions

Logging

Definition

Aliases

Versions

Tags

Definition

Export graph

Layout

```
36     "InputPath": "$.lambda_output",
37     "End": true
38   },
39   "InvokeD5Lambda": {
40     "Type": "Task",
41     "Resource": "arn:aws:lambda:us-east-1:587818610762:function:InvokeD5Lambda",
42     "InputPath": "$.lambda_output",
43     "End": true
44   },
45   "InvokeCryptLambda": {
46     "Type": "Task",
47     "Resource": "arn:aws:lambda:us-east-1:587818610762:function:InvokeCryptLambda",
48     "InputPath": "$.lambda_output",
49     "End": true
50   },
51   "InvalidActionState": {
52     "Type": "Fail",
53     "Error": "InvalidActionError",
54     "Cause": "The provided action is not supported."
55   }
56 }
57 }
```

Start

ProcessLambda

ChoiceState

InvokeSHA256Lambda

InvokeD5Lambda

InvokeCryptLambda

InvalidActionState

End

CloudShell

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