

```
openapi: 3.0.0
info:
  title: Time API
  version: 1.0.0
  description: API to get the temperature information of
a city.
paths:
  /get-weather-info:
    get:
      summary: Get the temperature information of a city.
      description: Retrieve the temperature information of a
city.
      operationId: get-weather-info
      parameters:
        - name: city
          in: query
          description: The name of the city for which
temperature information is needed.
          required: true
          schema:
            type: string
      responses:
        '200':
          description: Successful response containing the
temperature information.
          content:
            application/json:
              schema:
                type: object
                properties:
                  temperature:
                    type: string
                description: The current temperature of the city.
```

```
import datetime
import json
import sys
import subprocess
```

```

# This is a work around to install the requests package
# Ideally we should create a layer and add the packages
through the lambda layer
subprocess.call('pip install requests -t /tmp/ --no-
cache-dir'.split(), stdout=subprocess.DEVNULL,
stderr=subprocess.DEVNULL)
sys.path.insert(1, '/tmp/')

import requests

def lambda_handler(event, context):

    print("event ", event)
    apiPath = event["apiPath"]
    city = event["parameters"][0]["value"]
    # Mocking up an api using wiremockup
    api_url = f"https://
r76vm.wiremockapi.cloud{apiPath}/{city}"

    response_str = requests.get(api_url).text
    response_json = {"temperature": str(response_str)}
    response_body = {"application/json": {"body":
json.dumps(response_json)}}

    action_response = {
        "actionGroup": event["actionGroup"],
        "apiPath": event["apiPath"],
        "httpMethod": event["httpMethod"],
        "parameters": event["parameters"],
        "httpStatusCode": 200,
        "responseBody": response_body,
    }

    session_attributes = event["sessionAttributes"]
    prompt_session_attributes =
event["promptSessionAttributes"]

    return {
        "messageVersion": "1.0",
        "response": action_response,

```

```
        "sessionAttributes": session_attributes,  
        "promptSessionAttributes":  
prompt_session_attributes,  
    }
```