

function-test-atharva

1st gen

asia-south1

Trigger

Cloud Pub/Sub

Topic

[projects/rosy-hope-350607/topics/abc](#)

Retry on failure

Function won't be automatically retried on failure

EDIT

Runtime, build, connections and security settings

function-test-atharva

1st gen

Version
Version 3, deployed at 23 Jan 2024, 14:27:12 ...

METRICS

DETAILS

SOURCE

VARIABLES

TRIGGER

PERMISSIONS

LOGS

TESTING

General information

Last deployed

23 January 2024 at 14:27:12 GMT+5

Region

asia-south1

Memory allocated

256 MB

Timeout

60 seconds

Minimum instances

0

Maximum instances

32

Service account

[rosy-hope-350607@appspot.gserviceaccount.com](#)

Build worker pools

—

Container build log

[abbffbc8-629f-4a66-bc4b-3192059dac31](#)

Networking settings

Ingress settings

Allow all traffic

VPC connector

—

VPC connector egress routing

—

Google Cloud

My First Project

alerting

Cloud Functions

Function details

EDITDELETECOPY

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Runtime: Python 3.10

Entry point: restart_vm

EDIT

main.py

requirements.txt

```
1 import os
2 import json
3 from google.cloud import compute_v1
4 import base64
5 from icecream import ic
6
7 def stop_vm(vm_name, zone, project_id):
8     compute_client = compute_v1.InstancesClient()
9     instance = compute_client.get(project=project_id, zone=zone, instance=vm_name)
10    ic(instance.status)
11    if str(instance.status) == "RUNNING":
12        ic("Stopping VM")
13        operation = compute_client.stop(project=project_id, zone=zone, instance=vm_name)
14        ic(operation.result())
15        return operation
16    else:
17        ic("VM is not running")
18        return False
19
20 def start_vm(vm_name, zone, project_id):
21     compute_client = compute_v1.InstancesClient()
22     instance = compute_client.get(project=project_id, zone=zone, instance=vm_name)
23     ic(instance.status)
24     if str(instance.status) == "TERMINATED":
25        ic("Starting VM")
26        operation = compute_client.start(project=project_id, zone=zone, instance=vm_name)
27        ic(operation.result())
28        return operation
29    else:
30        ic("VM is not TERMINATED")
31        return False
32
33 def restart_vm(event, context):
34     print("Event ID: {}".format(context.event_id))
35     # print("event : {}".format(event))
36     pubsub_message = base64.b64decode(event['data']).decode('utf-8')
37     incident_json = json.loads(pubsub_message)
38     incident = incident_json['incident']
39     resource_labels = incident['resource']['labels']
40     instance_id = resource_labels['instance_id']
41     project_id = resource_labels['project_id']
42     zone = resource_labels['zone']
43     ic(instance_id)
44     ic(project_id)
45     ic(zone)
46     stop_vm(instance_id, zone, project_id)
47     start_vm(instance_id, zone, project_id)
48     return {
49         "success": True, 200
```

Google Cloud

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alerting

X

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Cloud Functions

Function details

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Runtime environment variables

Build environment variables

Secrets

None

None

None

🔗 Cloud Pub/Sub

Topic

[projects/rosy-hope-350607/topics/abc](#)

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Function won't be automatically retried on failure

Cloud Functions

Function details

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LEARN

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METRICSDETAILSSOURCEVARIABLESTRIGGERPERMISSIONSLOGSTESTING

Permissions

VIEW BY PRINCIPALSVIEW BY ROLES

GRANT ACCESSREMOVE ACCESS

Filter Enter property name or value

Type	Principal	Name	Role	Inheritance	
	915958708303-compute@developer.gserviceaccount.com	Compute Engine default service account	Editor	My First Project	
	915958708303@cloudservices.gserviceaccount.com	Google APIs Service Agent	Editor	My First Project	
	atharva.joshi@searce.com		Editor	My First Project	
	bbsp-144@rosy-hope-350607.iam.gserviceaccount.com?uid=110984968422946685257		Editor	My First Project	
	ckekan123@gmail.com	Chaltrali Kekan	Owner	My First Project	
	nitnsen179@gmail.com		Owner	My First Project	
	rosy-hope-350607@appspot.gserviceaccount.com	App Engine default service account	Editor	My First Project	
	service-915958708303@gcf-admin-robot.iam.gserviceaccount.com	Google Cloud Functions Service Agent	Cloud Functions Service Agent	My First Project	
	service-915958708303@gcp-sa-eventarc.iam.gserviceaccount.com	Eventarc Service Agent	Eventarc Service Agent	My First Project	
	service-915958708303@gcp-sa-integrations.iam.gserviceaccount.com	Application Integration Service Agent	Application Integration service agent	My First Project	
	service-915958708303@gcp-sa-monitoring-notification.iam.gserviceaccount.com	Monitoring Service Account	Monitoring service agent	My First Project	
	terraform@rosy-hope-350607.iam.gserviceaccount.com	terraform	Owner	My First Project	
	tf-test-svc@rosy-hope-350607.iam.gserviceaccount.com	tf-test-svc	Editor	My First Project	

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Pub Sub :

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pub sub

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abc

EDIT

+ TRIGGER CLOUD FUNCTION

IMPORT

DELETE

SHOW INFO PANEL

Export options have moved to the **Create subscription** drop-down menu under the Subscriptions tab below.

GOT IT

Topic name

projects/rosy-hope-350607/topics/abc

SUBSCRIPTIONS

SNAPSHOTS

METRICS

DETAILS

MESSAGES

Only subscriptions attached to this topic are displayed. A subscription captures the stream of messages published to a given topic. You can also stream messages to BigQuery or Cloud Storage by creating a subscription from a Cloud Dataflow job. [Learn more](#)

CREATE SUBSCRIPTION

EXPORT

Filter

Filter subscriptions

Subscription ID	Subscription name	Project
gcf-function-test-atharva-asia-south1-abc	projects/rosy-hope-350607/subscriptions/gcf-function-test-atharva-asia-south1-abc	rosy-hope-350607

My First Project

pub sub

Search

abc

EDIT

+ TRIGGER CLOUD FUNCTION

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GOT IT

Topic name

projects/rosy-hope-350607/topics/abc

SUBSCRIPTIONS

SNAPSHOTS

METRICS

DETAILS

MESSAGES

Encryption key

Google-managed

Schema name

—

Message encoding

—

Labels

—

Retention duration

—