Logs Vie× | (no subje × | Untitled × | GCP_Q5 × | GCP_q9 × | HRM Thr × | GCP Assi × | Cloud Pu × | Reading × | +

← → C   🔒 https://console.cloud.google.com/logs/viewer?project=pe-training&resource=cloud_function%2Ffunction_name%2Fakash-cf%2Fregion%2Fus-central1&minLogL... ☆ Ⓐ ⋮

Google Cloud Platform   ❖ Training ▾   🔍   🎁 ⧉ ! ? ③ ⋮ 👤

Stackdriver
Logging

| 📊 CREATE METRIC | ⬆ CREATE EXPORT | ↻ | ▶ |

☰ Logs Viewer
📊 Logs-based metrics
⬆ Exports
🗖 Logs ingestion

Filter by label or text search   ▾ ?

| Cloud Function, akash-cf, us-central1 ▾ | All logs ▾ | Any log level ▾ | 🕐 Last hour ▾ | Jump to now ▾ |

Showing logs from 4:47 PM to now (IST)   Download logs   View Options ▾

↓   Load older logs   ↓

> ℹ 2019-06-20 17:45:31.355 IST   Cloud Functions   CreateFunction   us-central1:akash-cf   akash.mahale@quantiphi.com   {"@type":"typ... ⋮
> ℹ 2019-06-20 17:46:56.321 IST   Cloud Functions   CreateFunction   us-central1:akash-cf   akash.mahale@quantiphi.com   {"@type":"typ... ⋮
> λ 2019-06-20 17:47:11.124 IST   akash-cf   5fzrk7kb55bx   Function execution started ⋮
> ℹ 2019-06-20 17:47:11.987 IST   akash-cf   5fzrk7kb55bx   {'name': 'Akash', 'age': '22', 'emp_id': 'Q01025'} ⋮
> λ 2019-06-20 17:47:11.989 IST   akash-cf   5fzrk7kb55bx   Function execution took 866 ms, finished with status: 'ok' ⋮

↑   No newer entries found matching current filter.   Load newer logs   ↑

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← → C   🔒 https://console.cloud.google.com/functions/details/us-central1/akash-cf?project=pe-training&tab=general&duration=PT1H ☆ Ⓐ ⋮

Google Cloud Platform   ❖ Training ▾   🔍   🎁 ⧉ ! ? ③ ⋮ 👤

(···) Cloud Functions   ← Function details   ✏ EDIT   🗑 DELETE   📋 COPY   ☰ VIEW LOGS

Learn   ✕

| Python 3.7 ▾ |

main.py   requirements.txt

```
1  import base64
2  import json
3  from google.cloud import storage
4
5  def hello_pubsub(event, context):
6      """Triggered from a message on a Cloud Pub/Sub topic.
7      Args:
8          event (dict): Event payload.
9          context (google.cloud.functions.Context): Metadata
10     """
11     #pubsub_message = base64.b64decode(event['data']).decode
12     #print(pubsub_message['data'])
13     storage_client = storage.Client()
14     bucket = storage_client.get_bucket('vishal-b-bucket')
15     blob = bucket.blob('trial.json')
16     contents = blob.download_as_string()
17     json_data = json.loads(contents)
18     print(json_data)
19
```

Function to execute ?

hello_pubsub

⌄ More

Deploy   Cancel

Cloud Functions topics

Triggering functions

Trigger your function in response to Google Cloud events or on a schedule.

HTTP Functions ⧉
Cloud Pub/Sub ⧉
Cloud Storage ⧉
Stackdriver audit logs ⧉
Cloud Firestore ⧉
Firebase RTDB ⧉
Cloud Scheduler ⧉

Maintaining functions

Set up CI/CD and understand your function's performance.

Deploying from source control ⧉
Testing + CI/CD ⧉
Logging ⧉
Monitoring ⧉

Advanced concepts

Understand the nuances of writing code for a serverless compute environment.

Execution environment ⧉
Tips & Tricks ⧉
Access control ⧉

```python
import base64
import json
from google.cloud import storage

def hello_pubsub(event, context):
    """Triggered from a message on a Cloud Pub/Sub topic.
    Args:
        event (dict): Event payload.
        context (google.cloud.functions.Context): Metadata for the event.
    """
    #pubsub_message = base64.b64decode(event['data']).decode('utf-8')
    #print(pubsub_message['data'])
    storage_client = storage.Client()

    #fetch from existing bucket
    bucket = storage_client.get_bucket('vishal-b-bucket')
    blob = bucket.blob('trial.json')
    #converting to string
    contents = blob.download_as_string()

    #converting to json format
    json_data = json.loads(contents)
    print(json_data)
```

In requirements.txt add :
google-cloud-storage