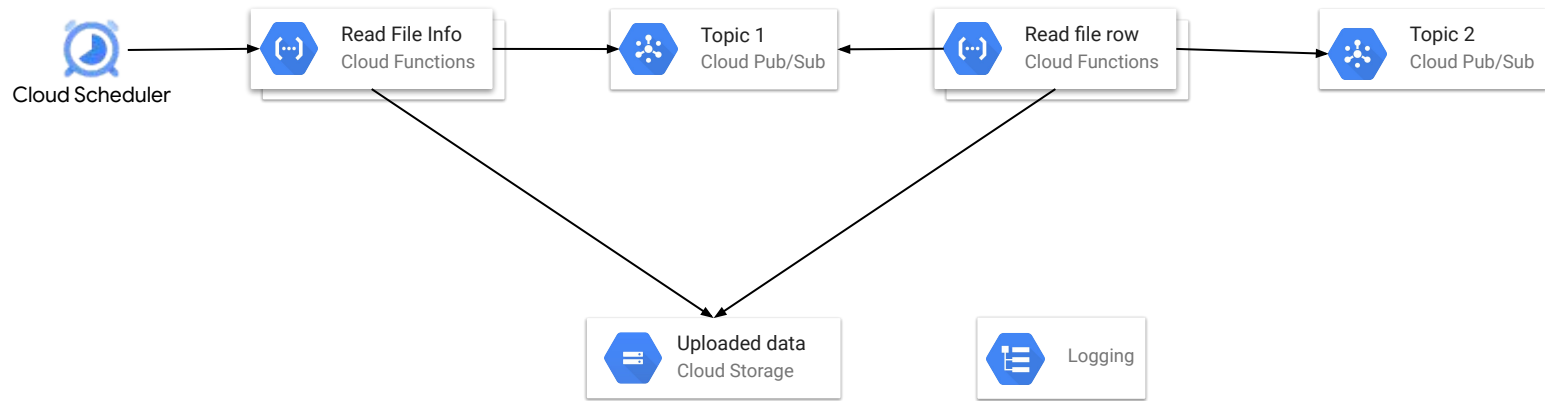




Scheduler -> Function -> Pub/Sub -> Function

Minsoo Jun
January 2020





Storage



Browser



Monitoring



Settings



Bucket details

k-data-bucket-20210310

OBJECTS

CONFIGURATION

PERMISSIONS

RETENTION

LIFECYCLE

Buckets > k-data-bucket-20210310

UPLOAD FILES

UPLOAD FOLDER

CREATE FOLDER

MANAGE HOLDS


DOWNLOAD

DELETE

Filter by name prefix only



Filter objects and folders

<input type="checkbox"/>	Name	Size	Type	Created time	Storage class	Last modified	Public access	Encryption	Retention expiration
<input type="checkbox"/>	 data_portal1	8.5 KB	application/octet-stream	Mar 10, 2021, ...	Standard	Mar 10, 20...	Not public	Google-managed key	—

Data file





- URL을 Function의 URL과 파라미터를 붙여서 (로직에 따라)
- HTTP method : POST

Description

Frequency *

* / 3 * * * *

Schedules are specified using unix-cron format. E.g. every minute: "* * * * *", every 3 hours: "0 * / 3 * * *", every monday at 9:00: "0 9 * * 1". [Learn more](#)

Timezone *

Japan Standard Time (JST)

Target *

HTTP

URL *

https://asia-northeast1-qwiklabs-gcp-03-b9862b43147b.cloudfunctions.ne

HTTP method

POST

Body

SHOW MORE

UPDATE

CANCEL

Cloud Scheduler									
SCHEDULER JOBS									
APP ENGINE CRON JOBS									
Filter jobs									
<input type="checkbox"/>	Name	State	Description	Frequency	Target	Last run	Result	Logs	Run
<input type="checkbox"/>	file-get-scheduler	Enabled		* / 3 * * * * (Asia/Tokyo)	URL: https://asia-northeast1-qwiklabs-gcp-03-b9862b43147b.cloudfunctions.net/function-1?name=data_portal1.csv	Mar 10, 2021, 6:48:00 PM	Success	View	RUN NOW



function-1

Filter Filter functions

<input type="checkbox"/>		Name ↑	Region	Trigger	Runtime	Memory allocated	Executed function	Last deployed	Authentication ?	Actions
<input type="checkbox"/>	✓	function-1	asia-northeast1	HTTP	Java 11	256 MiB	com.example.Example	Mar 10, 2021, 4:55:55 PM	Allow unauthenticated	⋮
<input type="checkbox"/>	✓	function-2	asia-northeast1	Topic: topic1	Java 11	256 MiB	com.example.Example	Mar 10, 2021, 6:21:46 PM		⋮

Configuration — 2 Code

function-1

asia-northeast1

Trigger

HTTP

Trigger URL 📄

<https://asia-northeast1-qwiklabs-gcp-03-b9862b43147b.cloudfunctions.net/function-1>

EDIT





Topic 1
Cloud Pub/Sub



Topic 2
Cloud Pub/Sub



topic1

Google-managed

projects/qwiklabs-gcp-03-b9862b43147b/topics/topic1



topic2

Google-managed

projects/qwiklabs-gcp-03-b9862b43147b/topics/topic2



Cloud Functions Edit function

Configuration — 2 Code

function-2
asia-northeast1

Trigger

⚙️ Cloud Pub/Sub

Topic

[topic1](#)

Retry on failure

Function will be automatically retried on failure

[EDIT](#)

VARIABLES, NETWORKING AND ADVANCED SETTINGS



Pub/Sub에서 킁하게 설정



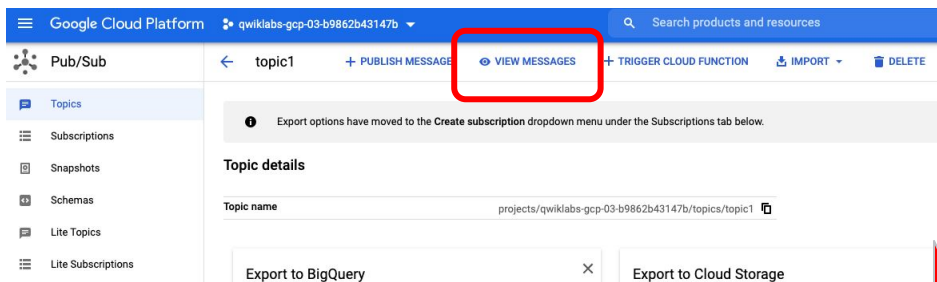
결과

function-1 실행 내용

> *	2021-03-10 19:03:01.202 JST	function-1	s2ybuyn3lkfc	☰	'医学部外品, 胃腸薬, ヘルスケア ガスター10錠, 187000, 新大久保駅前店'
> *	2021-03-10 19:03:01.202 JST	function-1	s2ybuyn3lkfc	☰	'
> *	2021-03-10 19:03:01.202 JST	function-1	s2ybuyn3lkfc	☰	'医学部外品, 整腸薬, 正露丸 200粒, 550000, 新大久保駅前店'
> *	2021-03-10 19:03:01.202 JST	function-1	s2ybuyn3lkfc	☰	'
> *	2021-03-10 19:03:01.202 JST	function-1	s2ybuyn3lkfc	☰	'医学部外品, 鼻炎治療薬, クラリチンEX 14錠, 11400000, 新大久保駅前店'
> *	2021-03-10 19:03:01.202 JST	function-1	s2ybuyn3lkfc	☰	Call Pub/Sub
> *	2021-03-10 19:03:02.203 JST	function-1	s2ybuyn3lkfc	☰	Published message ID: 2110046368358850
> 🟢	2021-03-10 19:03:02.262 JST	function-2	uz0uviys5vr6	☰	Function execution started
> ⓘ	2021-03-10 19:03:02.266 JST	function-2	uz0uviys5vr6	☰	k-data-bucket-20210310/data_portal1.csv
> 🟢	2021-03-10 19:03:02.400 JST	function-1	s2ybuyn3lkfc	☰	Function execution took 1703 ms, finished with status code: 200
> *	2021-03-10 19:03:02.549 JST	function-2	uz0uviys5vr6	☰	'category, subcategory, product, revenue, store'
> *	2021-03-10 19:03:02.549 JST	function-2	uz0uviys5vr6	☰	'
> *	2021-03-10 19:03:02.549 JST	function-2	uz0uviys5vr6	☰	'日用品, 台所用洗剤, キッチンハイター, 180000, 六本木店'
> *	2021-03-10 19:03:02.549 JST	function-2	uz0uviys5vr6	☰	'
> *	2021-03-10 19:03:02.549 JST	function-2	uz0uviys5vr6	☰	'日用品, 防虫剤, ムシューダ, 340000, 六本木店'
> *	2021-03-10 19:03:02.549 JST	function-2	uz0uviys5vr6	☰	'
> *	2021-03-10 19:03:02.549 JST	function-2	uz0uviys5vr6	☰	'日用品, 医療用品, 蒸気でアイマスク, 130000, 六本木店'

function-2 실행 내용

결과 pub/sub Subscription에서 확인



Messages

To view messages published to this topic, select or create (recommended for testing)

Select a Cloud Pub/Sub subscription *

Type to filter

토픽 이름 + “-sub” 가 붙은 걸 선택

projects/qwiklabs-gcp-03-b9862b43147b/subscriptions/topic1-sub

REFRESH

CREATE A SUBSCRIPTION

토픽 이름 + “-sub” 가 붙은 걸 선택

Messages

To view messages published to this topic, select or create (recommended for testing) a Pull subscription.

Select a Cloud Pub/Sub subscription *

projects/qwiklabs-gcp-03-b9862b43147b/subscriptions/topic1-sub

Click Pull to view messages and temporarily delay message delivery to other subscribers. Select **Enable ACK messages** and then click **ACK** next to the message to permanently prevent message delivery to other subscribers. Only a few messages will be pulled at a time. Click Pull again to retrieve more messages from the backlog. Use this option cautiously in production environments. If you miss the acknowledgement deadline (10 seconds), the message will be sent again if no other subscribers of this subscription acknowledged the message. [Learn more](#)

PULL

☐ Enable ack messages

Filter Filter messages

Publish time	Attribute keys	Message body	Order	Ack ↑
Mar 10, 2021, 4:57:25 PM	—	k-data-bucket-20210310/data_portal1.csv	—	ACK
Mar 10, 2021, 5:00:06 PM	—	k-data-bucket-20210310/data_portal1.csv	—	ACK
Mar 10, 2021, 5:09:01 PM	—	k-data-bucket-20210310/data_portal1.csv	—	ACK
Mar 10, 2021, 5:12:02 PM	—	k-data-bucket-20210310/data_portal1.csv	—	ACK

בר
ע