

Pub/Sub: Qwik Start - Console

GSP096



- Pub/Sub enables asynchronous messaging where producers publish to topics and consumers subscribe for event data exchange.
- Subscriptions support pull (subscriber requests messages) or push (webhook delivery) with mandatory acknowledgments within time windows.
- This lab covers setting up topics to organize and hold published message streams.
- Create subscriptions linking topics to consumers for targeted message delivery.
- Practice the full cycle: publish messages to topics then consume them using pull subscribers.

Set Up an App Dev Environment

https://partner.skills.google(paths/69/course_templates/637/labs/592547)

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Google Skills Partner

Associate Cloud Engineer > Set Up an App Dev Environment on Google Cloud > Pub/Sub: Qwik Start - Console

Contents

Pub/Sub: Qwik Start - Console

End Lab 00:44:41 Time limit

Caution: When you are in the console, do not deviate from the lab instructions. Doing so may cause your account to be blocked. Learn more.

Open Google Cloud console

Username: student-02-77569a450c62 Password: 1gd108qixhdc Project ID: quicklabs-gcp-02-84e7dabe

Simplify Event Driven Processing

3. (Optional) You can list the active account name with this command:

```
gcloud auth list
```

4. Click Authorize.

Output:

```
ACTIVE: *
ACCOUNT: student-02-77569a450c62@qwiklabs.net

To set the active account, run:
$ gcloud config set account `ACCOUNT`
```

5. (Optional) You can list the project ID with this command:

```
gcloud config list project
```

Output:

0/100 Lab instructions and tasks

GSP096 Overview Setup and requirements Task 1. Setting up Pub/Sub Task 2. Add a subscription Task 3. Test your understanding Task 4. Publish a message to the topic Task 5. View the message Congratulations!

Next >

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03:11 PM 26-12-2025

Dashboard – qwiklabs-gcp-02-84e7dabe81bf x +

https://console.cloud.google.com/home/dashboard?project=qwiklabs-gcp-02-84e7dabe81bf&pli=1&cloudshell=true

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Google Cloud Terminal (qwiklabs-gcp-02-84e7dabe81bf) x +

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CLOUD SHELL Terminal Open Editor

Gemini CLI is available in Cloud Shell terminal! Type gemini to try it. [Learn more](#)

Don't show again Dismiss

Welcome to Cloud Shell! Type "help" to get started, or type "gemini" to try prompting with Gemini CLI.
Your Cloud Platform project in this session is set to **qwiklabs-gcp-02-84e7dabe81bf**.
Use `gcloud config set project [PROJECT_ID]` to change to a different project.
student_02_77569a450c62@cloudshell:~ (qwiklabs-gcp-02-84e7dabe81bf)\$ gcloud auth list
Credentials
ACTIVE: *
ACCOUNT: student-02-77569a450c62@qwiklabs.net

To set the active account, run:
\$ gcloud config set account `ACCOUNT`

student_02_77569a450c62@cloudshell:~ (qwiklabs-gcp-02-84e7dabe81bf)\$ gcloud config list project
API [cloudresourcemanager.googleapis.com] not enabled on project [qwiklabs-gcp-02-84e7dabe81bf]. Would you like to enable and retry (this will take a few minutes)? (y/N)? Y

Enabling service [cloudresourcemanager.googleapis.com] on project [qwiklabs-gcp-02-84e7dabe81bf]...
Operation "operations/acat.p2-392787431162-05c3c21f-4346-4cb5-874f-086764ed35bf" finished successfully.
[core]
project = qwiklabs-gcp-02-84e7dabe81bf

Your active configuration is: [cloudshell-15870]
student_02_77569a450c62@cloudshell:~ (qwiklabs-gcp-02-84e7dabe81bf)\$

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Cloud Shell Icons

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Pub/Sub: Qwik Start - Console

End Lab 00:42:28 Time limit

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Open Google Cloud console

Username: student-02-77569a450c62 Password: 1gd108qixhdc Project ID: quicklabs-gcp-02-84e7dabe

Student Resources: Simplify Event Driven Processing

Dashboard Catalog Paths Collections

Task 1. Setting up Pub/Sub

To use Pub/Sub, you create a topic to hold data and a subscription to access data published to the topic.

1. From the Navigation menu (≡) click View All Products. Go to Analytics section, click Pub/Sub > Topics.

Solutions

All products

Analytics

Name	Description
BigQuery	Data warehouse/analytics
Pub/Sub	Global real-time messaging
Dataflow	Streaming analytics service
Composer	Managed workflow orchestration service
Dataproc	Managed Apache Hadoop
Dataprep	Visual data wrangling
Data Fusion	Data pipeline management
Looker	Enterprise BI and Analytics
Healthcare	Healthcare data storage and processing
Financial Services	Revenue growth through the cloud

2. Click Create topic.

Next >

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End Lab 00:42:21 Time limit

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Open Google Cloud console

Username: student-02-77569a450c62c

Password: 1gd108qixhdc

Project ID: quicklabs-gcp-02-84e7dabe

Student Resources: Simplify Event Driven Processing

2. Click Create topic.

Pub/Sub Topics + CREATE TOPIC DELETE

Pub/Sub LIST METRICS

Topics Filter topics

Subscriptions

Snapshots

Schemas

Topic ID ↑ Encryption key

No topics to display

3. The topic must have a unique name. For this lab, name your topic MyTopic. In the **Create a topic** dialog:

- For **Topic ID**, type **MyTopic**.
- Leave other fields at their default value.
- Click **Create**.

0/100 Lab instructions and tasks

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Pub/Sub: Qwik Start - Console

End Lab 00:42:10 Time limit

Caution: When you are in the console, do not deviate from the lab instructions. Doing so may cause your account to be blocked. Learn more.

Open Google Cloud console

Username: student-02-77569a450c62 Password: 1gd108qixhdc Project ID: quicklabs-gcp-02-84e7dabe

Student Resources: Simplify Event Driven Processing

Topic ID * MyTopic Topic name: projects/quicklabs-gcp-01-8d32c5af2c4c/topics/MyTopic

Add a default subscription Use a schema Enable ingestion Enable message retention Export message data to BigQuery Backup message data to Cloud Storage

Encryption: Google-managed encryption key (selected) Cloud KMS key

CREATE

Previous Next

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https://console.cloud.google.com/home/dashboard?project=qwiklabs-gcp-02-84e7dabe81bf&pli=1

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Cloud Hub >

- Cloud overview >
- Solutions >

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- IAM & Admin
- Marketplace
- APIs & Services
- Vertex AI
- Compute Engine
- Kubernetes Engine
- Cloud Storage

[View all products](#)

Cloud Foundations

API APIs

Requests (requests/sec)

2:15 2:30 2:45 3 PM

[Go to APIs overview](#)

Google Cloud Platform status

All services normal

[Go to Cloud status dashboard](#)

Monitoring

Create my dashboard

Set up alerting policies

Create uptime checks

View all dashboards

[Go to Monitoring](#)

API Error Reporting

No sign of any errors. Have you set up Error Reporting?

[https://console.cloud.google.com/products?project=qwiklabs-gcp-02-84e7dabe81bf](#)

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Cloud Storage

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Solutions – qwiklabs-gcp-02-84e7dabe81bf × +

https://console.cloud.google.com/products?project=qwiklabs-gcp-02-84e7dabe81bf#big-data

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Security

App Development

Analytics

Collect, store, process, and analyze large amounts of data

Name	Description
BigQuery	Data warehouse/analytics
Pub/Sub	Global real-time messaging
Dataflow	Streaming analytics service
Composer	Managed workflow orchestration service
Dataproc	Managed Apache Spark and Apache Hadoop

Altaviv Designer Cloud Visual Data Wrangling

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Topics – Pub/Sub – qwiklabs-gcp X +

https://console.cloud.google.com/cloudpubsub/topic/list?project=qwiklabs-gcp-02-84e7dabe81bf

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Pub/Sub / Topics

Pub/Sub Topics Subscriptions Snapshots Schemas

Pub/Sub Lite Lite Reservations Lite Topics Lite Subscriptions

Release Notes

Topics Create topic Delete Tags

List Metrics Filter topics

Topic ID ↑ Encryption key Topic name Retention Ingestion source

No topics to display

Select a topic

Permissions Labels Storage policy

Please select at least one resource.

https://console.cloud.google.com/cloudpubsub/topic/create?project=qwiklabs-gcp-02-84e7...

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Create topic – Pub/Sub – qwiklab X +

https://console.cloud.google.com/cloudpubsub/topic/create?project=qwiklabs-gcp-02-84e7dabe81bf

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Pub/Sub / Topics / Create topic

Pub/Sub

- Topics
- Subscriptions
- Snapshots
- Schemas

Pub/Sub Lite

- Lite Reservations
- Lite Topics
- Lite Subscriptions

Release Notes

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Transforms

Add a Transform

Encryption

Google-managed encryption key
Cloud KMS key

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Learn

Create topic

Topic ID * MyTopic

Topic name: projects/qwiklabs-gcp-02-84e7dabe81bf/topics/MyTopic

Add a default subscription ?

Use a schema ?

Enable ingestion ?

Enable message retention ?

Export message data to BigQuery ?

Backup message data to Cloud Storage ?

Create topic – Pub/Sub – qwiklab X +

https://console.cloud.google.com/cloudpubsub/topic/create?project=qwiklabs-gcp-02-84e7dabe81bf

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Pub/Sub / Topics / Create topic

Pub/Sub Topics Subscriptions Snapshots Schemas

Pub/Sub Lite Lite Reservations Lite Topics Lite Subscriptions

Release Notes

Transforms

Optional manipulation and filter message data. View sample code in our [repository](#).

Add a Transform

Encryption

Google-managed encryption key Keys owned by Google

Cloud KMS key Keys owned by customers

You can now automate creation of Cloud KMS keys using Autokey.

Dismiss Learn more

Tags

+ Manage tags

Create

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MyTopic – Pub/Sub – qwiklabs-gcp-02-84e7dabe81bf

https://console.cloud.google.com/cloudpubsub/topic/detail/MyTopic?project=qwiklabs-gcp-02-84e7dabe81bf

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Pub/Sub / Topics / Topic: MyTopic

Pub/Sub

Topics Subscriptions Snapshots Schemas

Pub/Sub Lite

Lite Reservations Lite Topics Lite Subscriptions

Release Notes

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MyTopic

Permissions Labels Storage policy

Edit or delete roles below, or select "Add principal" to grant new access. Add principal

Show inherited roles in table

Display roles inherited from the parent resources in the table below

Filter Enter property name or value

Role / Principal Inheritance

Editor (1)

Owner (3)

Viewer (1)

Subscriptions Snapshots Metrics Details Messages

Create subscription Export

Filter subscriptions

Subscription ID	Subscription name	Project
MyTopic-sub	projects/qwiklabs-gcp-02-...	qwiklabs-gcp-02-...

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End Lab 00:37:55 Time limit

Caution: When you are in the console, do not deviate from the lab instructions. Doing so may cause your account to be blocked. Learn more.

Open Google Cloud console

Username: student-02-77569a450c62 Password: 1gd108qixhdc Project ID: quicklabs-gcp-02-84e7dabe

Student Resources: Simplify Event Driven Processing

Task 2. Add a subscription

Now you'll make a subscription to access the topic.

1. Click **Topics** in the left panel to return to the **Topics** page. For the topic you just made click the three dot icon > **Create subscription**.

Topics CREATE TOPIC DELETE

LIST METRICS

Filter Filter topics

Topic ID	Encryption key	Topic name	Retention	Ingestion source
MyTopic	Google-managed	projects:quicklabs-gcp-01-8d32c5af2c4c/topics/MyTopic		

More options menu: Create subscription, Create snapshot, Import from, Export, Trigger Cloud Function, Update labels, View permissions, View storage policies, Delete

2. In the **Add subscription to topic** dialog:

- Type a name for the subscription, such as **MySub**

50/100

GSP096 Overview Setup and requirements Task 1. Setting up Pub/Sub Task 2. Add a subscription Task 3. Test your understanding Task 4. Publish a message to the topic Task 5. View the message Congratulations!

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Pub/Sub: Qwik Start - Console

2. In the **Add subscription to topic** dialog:

- Type a name for the subscription, such as **MySub**
- Select a default Cloud Pub/Sub topic from the drop-down menu.
- Set the Delivery Type to **Pull**.
- Leave all other options at the default values.

End Lab Time limit

Caution: When you are in the console, do not deviate from the lab instructions. Doing so may cause your account to be blocked. Learn more.

Open Google Cloud console

Username: student-02-77569a450c62

Password: 1gd108qixhdc

Project ID: quicklabs-gcp-02-84e7dabe

Student Resources: Simplify Event Driven Processing

Delivery type: Pull

Subscription ID: MySub

Subscription name: projects/quicklabs-gcp-00-a6e4ff5e1faa/subscriptions/MySub

Select a Cloud Pub/Sub topic: projects/quicklabs-gcp-00-a6e4ff5e1faa/topics/MyTopic

50/100

Lab instructions and tasks

GSP096

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Congratulations!

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MySub
Subscription name: projects/qwiklabs-gcp-00-a6e4ff5e1faa/subscriptions/MYSUB

Select a Cloud Pub/Sub topic *
projects/qwiklabs-gcp-00-a6e4ff5e1faa/topics/MyTopic

Delivery type ②
 Pull
 Push
 Write to BigQuery
 Write to Cloud Storage

Message retention duration ②
Duration is from 10 minutes to 31 days
Days: 7 Hours: 0 Minutes: 0

3. Click **Create**.

Your subscription is listed in the Subscription list.

End Lab 00:37:20 Time limit

Caution: When you are in the console, do not deviate from the lab instructions. Doing so may cause your account to be blocked.
Learn more.

Open Google Cloud console

Username: student-02-77569a450c62c
Password: 1gd108qixhdc
Project ID: quicklabs-gcp-02-84e7dabe

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Dashboard Catalog Paths Collections

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Topics – Pub/Sub – qwiklabs-gcp X +

https://console.cloud.google.com/cloudpubsub/topic/list?project=qwiklabs-gcp-02-84e7dabe81bf

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Pub/Sub / Topics

Pub/Sub Topics Subscriptions Snapshots Schemas

Topics Metrics Filter topics

Topic ID	Encryption key	Topic name	Retention	Ingestion source
MyTopic	Google-managed	projects/qwiklabs-gcp-02-84e7dabe81bf	–	–

Select a topic Permissions Labels Storage policy

Create subscription Create snapshot Import from Export Trigger Cloud Run function Update labels View permissions View storage policies Delete

at least one resource.

Pub/Sub Lite Lite Reservations Lite Topics Lite Subscriptions

Release Notes

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Add subscription to topic – Pub/...

https://console.cloud.google.com/cloudpubsub/topic/addSubscription/MyTopic?project=qwiklabs-gcp-02-84e7dabe81bf

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Release Notes

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Add subscription to topic

A subscription directs messages on a topic to subscribers. Messages can be pushed to subscribers immediately, or subscribers can pull messages as needed.

Subscription ID * ?

Subscription name: projects/qwiklabs-gcp-02-84e7dabe81bf/subscriptions/MySub

Topic name [Edit](#)

Delivery type [?](#)

Pull

Push

Write to BigQuery
A variant of the push operation. Select this option if you want Pub/Sub to deliver messages directly to an existing BigQuery table. [Learn more](#)

Write to Cloud Storage
A variant of the push operation. Select this option if you want Pub/Sub to deliver messages directly to an existing Cloud Storage bucket. [Learn more](#)

Message retention duration [?](#)

Duration is from 10 minutes to 31 days

Days Hours Minutes

Add subscription to topic – Pub/...

https://console.cloud.google.com/cloudpubsub/topic/addSubscription/MyTopic?project=qwiklabs-gcp-02-84e7dabe81bf

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Pub/Sub / Topics / Add subscription to topic: MyTopic

Pub/Sub

- Topics
- Subscriptions
- Snapshots
- Schemas

Pub/Sub Lite

- Lite Reservations
- Lite Topics
- Lite Subscriptions

Release Notes

Add subscription to topic

Write to Cloud Storage
A variant of the push operation. Select this option if you want Pub/Sub to deliver messages directly to an existing Cloud Storage bucket. [Learn more](#)

Message retention duration [?](#)
Duration is from 10 minutes to 31 days

Days: 7 Hours: 0 Minutes: 0

Retain acknowledged messages
When enabled, acknowledged messages are retained for the message retention duration specified above. This increases message storage fees. [Learn more](#) [?](#)

Expiration period [?](#)

Expire after this many days of inactivity (up to 365)
A subscription is inactive if there is no subscriber activity such as open connections, active pulls, or successful pushes.

31 Days

Never expire
The subscription will never expire no matter the activity.

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Add subscription to topic – Pub/...

https://console.cloud.google.com/cloudpubsub/topic/addSubscription/MyTopic?project=qwiklabs-gcp-02-84e7dabe81bf

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Release Notes

Add subscription to topic

Order messages with an ordering key
When enabled, messages tagged with the same ordering key will be received in the order they are published. This option cannot be changed later. Enabling message ordering may increase publish-to-subscribe latency and decrease publish availability.

Dead lettering

Enable dead lettering
Subscriptions may configure a maximum number of delivery attempts. When a message cannot be delivered, it is republished to the specified dead letter topic.

Retry policy

Retry policy will be triggered on NACKs or acknowledgement deadline exceeded events for a given message. [Learn more](#)

Retry immediately
 Retry after exponential backoff delay

Tags [?](#)

Create

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MySub – Pub/Sub – qwiklabs-gcp

https://console.cloud.google.com/cloudpubsub/subscription/detail/MySub?project=qwiklabs-gcp-02-84e7dabe81bf&tab=overview&pageState=...

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Pub/Sub / Subscriptions / Subscription: MySub

Pub/Sub Subscriptions Topics Snapshots Schemas

Subscription name: projects/qwiklabs-gcp-02-84e7dabe81bf/subscriptions/MySub
Subscription state: active
Topic name: projects/qwiklabs-gcp-02-84e7dabe81bf/topics/MyTopic
Tags:

Metrics Details Messages Go back to classic metrics Save as Dashboard Reset Zoom 1 hour 6 hours 1 day 1 week 1 month 6 weeks Custom Overview Health Pull Oldest unacked mess... Create alerting policy No data is available for the selected time frame. UTC+5:30 2:40 PM 2:50 PM 3:00 PM 3:10 PM 3:20 PM

MySub Permissions Labels Edit or delete roles below, or select "Add principal" to grant new access. Add principal Show inherited roles in table Display roles inherited from the parent resources in the table below Filter Enter property name or value Role / Principal Inheritance Editor (1) Owner (3) Viewer (1)

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End Lab 00:33:16 Time limit

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Open Google Cloud console

Username: student-02-77569a450c62 Project ID: quicklabs-gcp-02-84e7dabe

>Password: 1gd108qixhdc

Student Resources: Simplify Event Driven Processing

Task 3. Test your understanding

Below are multiple choice questions to reinforce your understanding of this lab's concepts. Answer them to the best of your abilities.

A publisher application creates and sends messages to a _____. Subscriber applications create a ____ to a topic to receive messages from it.

topic, subscription

subscription, subscription

topic, topic

subscription, topic

Submit

100/100

Lab instructions and tasks

GSP096

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Task 1. Setting up Pub/Sub

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Task 3. Test your understanding

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Task 5. View the message

Congratulations!

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End Lab 00:33:11 Time limit

Caution: When you are in the console, do not deviate from the lab instructions. Doing so may cause your account to be blocked. Learn more.

Open Google Cloud console

Username: student-02-77569a450c62 (copy)

Password: 1gd108qixhdc (copy)

Project ID: quicklabs-gcp-02-84e7dabe (copy)

Student Resources: Simplify Event Driven Processing

Submit

100/100

Lab instructions and tasks

GSP096

Overview

Setup and requirements

Task 1. Setting up Pub/Sub

Task 2. Add a subscription

Task 3. Test your understanding

Task 4. Publish a message to the topic

Task 5. View the message

Congratulations!

Task 4. Publish a message to the topic

1. Navigate back to pub/sub > Topics and open MyTopics page.
2. In the Topics details page, click Messages tab and then click Publish Message.
3. Enter Hello World in the Message field and click Publish.

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Task 4. Publish a message to the topic

1. Navigate back to pub/sub > Topics and open MyTopics page.

2. In the Topics details page, click Messages tab and then click Publish Message.

3. Enter Hello World in the Message field and click Publish.

Caution: When you are in the console, do not deviate from the lab instructions. Doing so may cause your account to be blocked. [Learn more.](#)

Open Google Cloud console

Username: student-02-77569a450c62

Password: 1gd108qixhdc

Project ID: quicklabs-gcp-02-84e7dabe

Student Resources: Simplify Event Driven Processing

End Lab 00:33:05 Time limit

Topic name: projects/quicklabs-gcp-04-417eafdb59c9/topics/MyTopic

Publish count: You can publish the given message once or multiple times in an interval. This can be useful for getting messages in new subscriptions and testing. For a more robust way to publish messages multiple times, consider using Cloud Scheduler.

Number of messages: 1

Enter an amount between 1-100.

Message interval (seconds): 1

How long to wait before publishing the next message

Message body: The message you want to publish to this topic. Either message or attribute will be required to publish.

Message: Hello World

100/100

Lab instructions and tasks

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3. Enter Hello World in the Message field and click Publish.

Publish message

Topic name: projects/qwiklabs-gcp-04-417eafdb59c9/topics/MyTopic

Publish count

You can publish the given message once or multiple times in an interval. This can be useful for getting messages in new subscriptions and testing. For a more robust way to publish messages multiple times, consider using Cloud Scheduler.

Number of messages * 1

Enter an amount between 1-100.

Message interval (seconds) 1

How long to wait before publishing the next message

Message body

The message you want to publish to this topic. Either message or attribute will be required to publish.

Message * Hello World

Message size should not exceed 10MB.

Message attributes

PUBLISH CANCEL

End Lab 00:32:46 Time limit

Caution: When you are in the console, do not deviate from the lab instructions. Doing so may cause your account to be blocked. Learn more.

Open Google Cloud console

Username: student-02-77569a450c62

Password: 1gd108qixhdc

Project ID: quicklabs-gcp-02-84e7dabe

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MyTopic – Pub/Sub – qwiklabs-gcp

https://console.cloud.google.com/cloudpubsub/topic/detail/MyTopic?project=qwiklabs-gcp-02-84e7dabe81bf&tab=messages

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Pub/Sub / Topics / Topic: MyTopic

Pub/Sub Topics Subscriptions Snapshots Schemas

Pub/Sub Lite Lite Reservations Lite Topics Lite Subscriptions

Release Notes

MyTopic

Permissions Labels Storage policy

Edit or delete roles below, or select "Add principal" to grant new access.

Add principal

Show inherited roles in table

Display roles inherited from the parent resources in the table below

Filter Enter property name or value

Role / Principal Inheritance

Editor (1)

Owner (3)

Viewer (1)

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Cloud Pub/Sub Subscription to pull messages from *

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Step 1

Manually publish a message containing data and attributes with metadata to this topic

Publish message Manually publish a message containing data and attributes with metadata to this topic.

Step 2

Select a Cloud Pub/Sub subscription to pull messages from



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Google Cloud

qwiklabs-gcp-02-84e7dabe81bf

Pub/Sub / Topics / Topic: MyTopic

Pub/Sub

Topics

Subscriptions

Snapshots

Schemas

Pub/Sub Lite

Lite Reservations

Lite Topics

Lite Subscriptions

← MyTopic

Edit

Export options have moved to

Topic name

Tags

Publish message

Topic name
projects/qwiklabs-gcp-02-84e7dabe81bf/topics/MyTopic

Publish count

You can publish the given message once or multiple times in an interval. This can be useful for getting messages in new subscriptions and testing. For a more robust way to publish messages multiple times, consider using Cloud Scheduler.

Number of messages *

1

Enter an amount between 1-100.

Message interval (seconds)

1

How long to wait before publishing the next message

Message body

The message you want to publish to this topic. Either message or attribute will be required to publish.

Message *

Hello World

Publish

Cancel

Step 1

Manually publish a message containing

Publish message

Manually publish

Step 2

Select a Cloud Pub/Sub subscription to

Select a Cloud Pub/Sub Subscription to



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End Lab 00:31:19 Time limit

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[Open Google Cloud console](#)

Username: student-02-77569a450c62e

Password: 1gd108qixhdc

Project ID: quicklabs-gcp-02-84e7dabe

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Task 5. View the message

To view the message, use the subscription (`MySub`) to pull the message (`Hello World`) from the topic (`MyTopic`).

- Enter the following command in Cloud Shell:

```
gcloud pubsub subscriptions pull --auto-ack MySub
```

The message appears in the DATA field of the command output.

```
student_01_8545be9b812e@cloudshell:~ (quicklab-gcp-01-8d32c5af2c4c)$ gcloud pubsub subscriptions pull --auto-ack MySub
DATA: Hello World
MESSAGE_ID: 11938495658530057
ORDERING_KEY:
ATTRIBUTES:
DELIVERY_ATTEMPT:
ACK_STATUS: SUCCESS
student_01_8545be9b812e@cloudshell:~ (quicklab-gcp-01-8d32c5af2c4c)$
```

You created a Pub/Sub topic, published to the topic, created a subscription, then used the subscription to pull data from the topic.

Congratulations!

100/100

Lab instructions and tasks

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MyTopic – Pub/Sub – qwiklabs-gcp

https://console.cloud.google.com/cloudpubsub/topic/detail/MyTopic?project=qwiklabs-gcp-02-84e7dabe81bf&tab=messages&cloudshell=true

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Google Cloud Terminal (qwiklabs-gcp-02-84e7dabe81bf)

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CLOUD SHELL Terminal

Gemini CLI is available in Cloud Shell terminal! Type gemini to try it. [Learn more](#)

Don't show again Dismiss

Welcome to Cloud Shell! Type "help" to get started, or type "gemini" to try prompting with Gemini CLI.
Your Cloud Platform project in this session is set to **qwiklabs-gcp-02-84e7dabe81bf**.
Use `gcloud config set project [PROJECT_ID]` to change to a different project.

```
student_02_77569a450c62@cloudshell:~ (qwiklabs-gcp-02-84e7dabe81bf)$ gcloud pubsub subscriptions pull --auto-ack MySub
DATA: Hello World
MESSAGE_ID: 17617937432805961
ORDERING_KEY:
ATTRIBUTES:
DELIVERY_ATTEMPT:
ACK_STATUS: SUCCESS
student_02_77569a450c62@cloudshell:~ (qwiklabs-gcp-02-84e7dabe81bf)$
```

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Cloud Shell

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