

Quickstart: using the Google Cloud Console

 cloud.google.com/pubsub/docs/quickstart-console

This page shows you how to perform basic tasks in Pub/Sub using the Google Cloud Console.

Note: If you are new to Pub/Sub, we recommend that you start with the [interactive tutorial](#).

Before you begin

1. Set up a Cloud Console project.

[Set up a project](#)

Click to:

- Create or select a project.
- Enable the Pub/Sub API for that project.

You can view and manage these resources at any time in the [Cloud Console](#).

2. [Install and initialize the Cloud SDK](#).

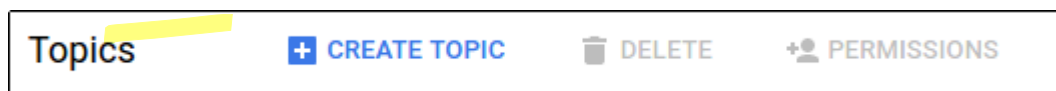
Note: You can run the `gcloud` tool in the Cloud Console without installing the Cloud SDK. To run the `gcloud` tool in the Cloud Console, [use Cloud Shell](#).

Create a topic

1. Go to the Pub/Sub topics page in the Cloud Console.

[Go to the Pub/Sub topics page](#)

2. Click **Create a topic**.



3. In the **Topic ID** field, provide a unique topic name, for example, `MyTopic`.

4. Click **Save**.

That's it—you've just created a Pub/Sub topic!

Add a subscription

To add a subscription to the topic you just created:

1. Display the menu for the topic you just created, and click **New subscription**.

The screenshot shows the Google Cloud Pub/Sub console. At the top, there is a search bar labeled "Filter by topic name". Below it, a table lists topics. The first row shows a topic named "projects/[redacted]/MyTopic" with 0 subscriptions. To the right of this row is a vertical ellipsis menu. This menu is open, showing four options: "New subscription" (with a plus icon), "Publish message" (with a document icon), "Delete" (with a trash icon), and "Permissions" (with a person icon). The "New subscription" option is highlighted with a yellow background.

2. Type a name for the subscription, such as *MySub*.

Create a new subscription

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

Topic

projects/example-project/topics/MyTopic

Subscription name ?

projects/example-project/subscriptions/MySub

Delivery Type ?

☒ Pull

☐ Push into an endpoint url ?

https://

⌵ More options

Create

Cancel

3. Leave the delivery type as **Pull**.

4. Click **Create**.

Publish a message to the topic

To publish a message to the topic:

1. In the overflow menu for the topic you just created, click **Publish Message**.
2. Enter **Hello World** in the **Message** field.
3. Click **Publish**.

Pull the message from the subscription

1. In the Cloud Console, go to the **Pub/Sub subscriptions** page.

[Go to the Pub/Sub subscriptions page](#)

2. Click the subscription ID.
3. In the **Subscription details** page, click **View messages**.
4. Click **Pull**.

Clean up

To avoid incurring charges to your Google Cloud account for the resources used in this quickstart, follow these steps.

1. Go to the **Pub/Sub topics** page in the Cloud Console.

[Go to the Pub/Sub topics page](#)

2. Check the checkbox next to the topic that you created.
3. Click **Delete** to permanently delete the topic.
4. Delete any remaining subscriptions by displaying each subscription and clicking its trash can icon.

What's next

Get started with Pub/Sub in your language of choice at [Pub/Sub Client Libraries](#).

See the [Publisher](#) and [Subscriber guides to learn](#) more about the concepts discussed in this page.

For a detailed overview of Pub/Sub, see [What is Pub/Sub?](#)

Rate and review