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.

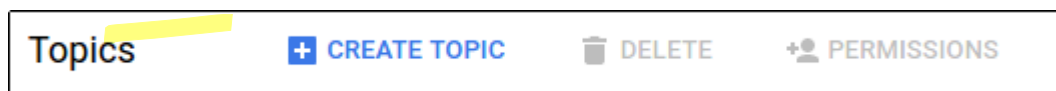2. Install and initialize the Cloud SDK.
   Note: You can run the `gcloud` tool in the Cloud Console without installing the Cloud SDK. To run the `gcloud` tool in the Cloud Console, use Cloud Shell .

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**.

Topics	➕ CREATE TOPIC	🗑 DELETE	+👤 PERMISSIONS

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**.

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

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?

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