

This topic describes how to set up Pub/Sub (/pubsub/) notifications for Cloud Source Repositories.

1. Complete the steps from Quickstart: Create a repository (/source-repositories/docs/quickstart/).

After you complete that quickstart, you have an app you can deploy to App Engine.

2. Enable the Compute Engine API.

In this quickstart, the Compute Engine default service account is used to publish messages to Pub/Sub.

[Enable the Compute Engine API](https://console.cloud.google.com/flows/enableapi?apiid=compute_component) (https://console.cloud.google.com/flows/enableapi?apiid=compute_component)

To get notifications for a Cloud Source Repositories project or repository, you must create a Pub/Sub topic. You can use either the Google Cloud Console or the `gcloud` command-line tool to create a topic.

Pub/Sub subscriptions (/pubsub/docs/subscriber#create) let subscribers (/pubsub/docs/subscriber) receive messages from a repository's topic.

Using the `gcloud` command-line tool, associate a Pub/Sub topic with a specific repository:

Output similar to the following is displayed:

With Pub/Sub topics and subscriptions set up, push a change to the `hello-world` repository. This change lets you see the notification at work.

1. In a terminal window, go to the `hello-world` repository:

2. Edit the `main.py` file to read as follows:

3. Add the file so Git can commit it:

4. Commit the file:



5. Push the file to Cloud Source Repositories:

When you push a change to your repository, Pub/Sub sends a notification. To view this notification, enter the following command:

To delete your Pub/Sub resources, follow these steps.

1. In the GCP Console, go to the Pub/Sub **Topics** page.


[Go to the Topics page](https://console.cloud.google.com/cloudpubsub/topicList) (https://console.cloud.google.com/cloudpubsub/topicList)

2. Select the checkbox for any topic you want to permanently delete.
3. Click **Delete** .
4. To delete any remaining subscriptions, display each one, and then click **Delete** .

To delete the repository you created, follow these steps.

1. In the GCP Console, open the **All repositories** page for Cloud Source Repositories.

[Open Cloud Source Repositories](https://source.cloud.google.com/repos) (<https://source.cloud.google.com/repos>)

2. Hold the pointer over the repository you want to delete and click **Settings** .

The **General settings** page opens.

3. Click **Delete this repository** .

The **Remove repository** dialog opens.

4. Type the name of the repository you want to delete.

5. Click **Delete**.

- Learn more about [configuring notifications](/source-repositories/docs/configuring-notifications) (/source-repositories/docs/configuring-notifications) for Cloud Source Repositories.
- Learn more about [Pub/Sub notifications](/source-repositories/docs/pubsub-notifications) (/source-repositories/docs/pubsub-notifications) for Cloud Source Repositories.
- Read the [Pub/Sub documentation](/pubsub/docs/) (/pubsub/docs/).
- For an in-depth explanation of Pub/Sub, see [What is Pub/Sub?](/pubsub/docs/overview) (/pubsub/docs/overview)
- Learn more about [Pub/Sub access control roles](/pubsub/docs/access_control#tbl_roles) (/pubsub/docs/access_control#tbl_roles).