Managing Services

This page describes creating a service and viewing information about a service. Services are the main resources of Cloud Run. Each service has a unique and permanent URL that will not change over time as you deploy new revisions to it.

For Cloud Run (fully managed), the service's permanent domain consists of the service name and a hash.

Creating a service

You create a new service by deploying a container image to it for the first time. Deploying a new service (https://cloud.google.com/run/docs/deploying#service) has more instructions.

Viewing the list of services in your project

You can view a list of the available services in your project using Cloud Console or the gcloud command line:

CONSOLE   **COMMAND LINE**

To view the services list:

1. **GO TO CLOUD RUN** (HTTPS://CONSOLE.CLOUD.GOOGLE.COM/RUN)

2. Examine the displayed list of services for your project:

Viewing more details about a service

To see more details about a service,

CONSOLE	COMMAND LINE

To view a service's details:

1. **GO TO CLOUD RUN** (HTTPS://CONSOLE.CLOUD.GOOGLE.COM/RUN)

2. Click on the desired service in the displayed list of services for your project to open the service details view:

3. Note the **REVISIONS**, **LOGS** and **DETAILS** tabs. The revisions tab shows the list of revisions, the logs tab shows the service logs (https://cloud.google.com/run/docs/logging), and the details tab shows the current authentication (https://cloud.google.com/run/docs/deploying#service) or connectivity (#connectivity) settings.

For more details on service revisions, see Managing Revisions
 (https://cloud.google.com/run/docs/managing/revisions).

Changing Cloud Run for Anthos service connectivity settings

A Cloud Run for Anthos service can have either of two connection options:

- *external*, which allows external access to your service

- *internal* which restricts access only to other Cloud Run for Anthos services or services in your cluster that use istio.

You can use the console or the gcloud command line to change the settings.

CONSOLE   **COMMAND LINE**

To change service connectivity settings:

1. **GO TO CLOUD RUN** (HTTPS://CONSOLE.CLOUD.GOOGLE.COM/RUN)

2. Click on the desired service in the displayed list of services for your project to open the service details view.

3. Click the **DETAILS** tab:
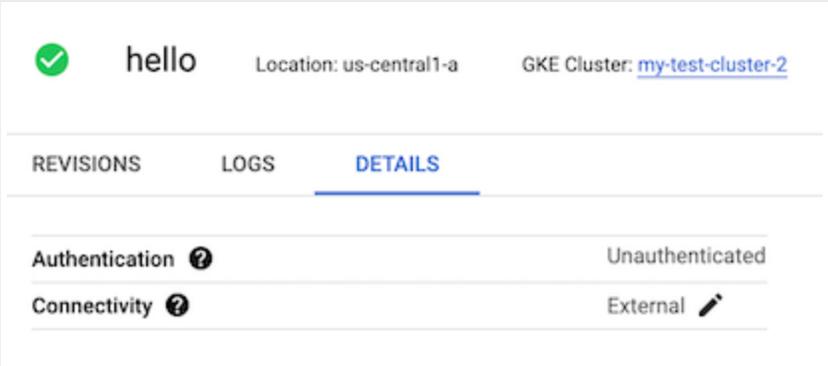
4. In the *Connectivity* line, click the edit icon next to the current setting.

5. Select the desired setting and click **Save**.

Deleting existing services

Deleting a service deletes all resources related to this service, including all revisions of this service whether they are serving traffic or not.

When deleting a service, the container images used by the deleted revisions are not deleted automatically from Container Registry. To delete container images from Container Registry see Deleting images (https://cloud.google.com/container-registry/docs/managing#deleting_images).

Note that deleting a service is permanent: there is no undo or restore. However, if after deleting a service, you deploy a new service with the same name in the same region, it will have the same endpoint URL.

CONSOLE   COMMAND LINE

To delete a service:

1. **GO TO CLOUD RUN** (HTTPS://CONSOLE.CLOUD.GOOGLE.COM/RUN)

2. Locate the service you want to delete in the services list, and click its checkbox to select it.

3. Click **DELETE**. This deletes all revisions of the service.