Serverless Computing (https://cloud.google.com/products/serverless/)
Cloud Run: Serverless Computing (https://cloud.google.com/run/)
Documentation (https://cloud.google.com/run/docs/) Guides

Using labels

This page shows how to set, modify, and delete labels on your Cloud Run service and revisions.
For Cloud Run, labels are key/value pairs that are applied to the service and revisions. When
you set a label on a Cloud Run service, a new revision with this label is created for this service;
the label is not applied to older revisions.

For Cloud Run (fully managed), labels *are* propagated to Google Cloud and so be used directly
to filter billing, logs, metrics, and so forth. Possible uses of this include:

- Use for cost allocation and billing breakdowns.

- Identify resources used by individual teams or cost centers

- Distinguish deployment environments (prod, staging, qa, or test)

- Identify owners, state labels.

- Monitor resource groups via Logging or Monitoring, which use labels accessible in the
  resource metadata

For Cloud Run for Anthos on Google Cloud, labels are Kubernetes resource labels
 (https://cloud.google.com/kubernetes-engine/docs/how-to/cluster-usage-metering), and are not
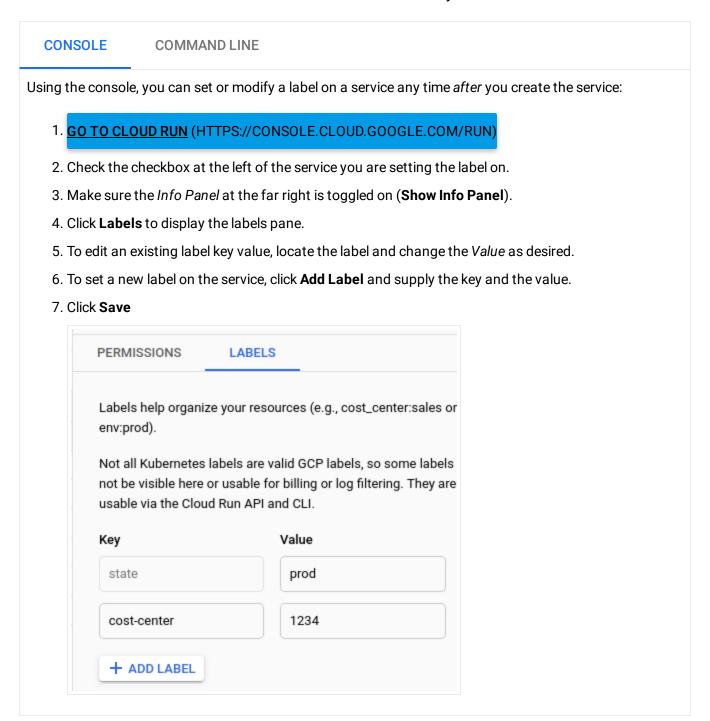propagated to Google Cloud.

Labels usage rules

The following rules apply to the use of labels set on a Cloud Run service:

- Only valid Google Cloud labels
   (https://cloud.google.com/resource-manager/docs/creating-managing-labels) are allowed to be
  used on Cloud Run (fully managed)

- Only valid Kubernetes labels
   (https://kubernetes.io/docs/concepts/overview/working-with-objects/labels/) are allowed to be
  used on Cloud Run for Anthos on Google Cloud

Setting or modifying labels

You can use the console or the command line to set or modify labels.

CONSOLE   COMMAND LINE

Using the console, you can set or modify a label on a service any time *after* you create the service:

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

2. Check the checkbox at the left of the service you are setting the label on.

3. Make sure the *Info Panel* at the far right is toggled on (**Show Info Panel**).

4. Click **Labels** to display the labels pane.

5. To edit an existing label key value, locate the label and change the *Value* as desired.

6. To set a new label on the service, click **Add Label** and supply the key and the value.

7. Click **Save**

Deleting a label

You can use the console or the command line delete labels.

CONSOLE   COMMAND LINE

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

2. Check the checkbox at the left of the service you are deleting the label from.

3. Make sure the *Info Panel* at the far right is toggled on (**Show Info Panel**).

4. Click **Labels** to display the labels pane.

5. Locate the label you want to delete.

6. Hover your cursor to the right of the *Value* textbox for the label to display the trash icon, and click the trash icon.

7. Click **Save**