

[Serverless Computing](https://cloud.google.com/products/serverless/) (https://cloud.google.com/products/serverless/)

[Cloud Run: Serverless Computing](https://cloud.google.com/run/) (https://cloud.google.com/run/)

[Documentation](https://cloud.google.com/run/docs/) (https://cloud.google.com/run/docs/) [Guides](#)

# Service accounts on Cloud Run (fully managed)

This page describes how to assign a specific service account to your Cloud Run (fully managed) service.

## Setting and updating service identity

**Important:** the following sections on setting the service account on your service currently applies only to Cloud Run (fully managed).

It is recommended that you give each of your services a dedicated identity and restrict what it is able to access by granting it a minimal set of permissions [using IAM](https://cloud.google.com/iam) (https://cloud.google.com/iam). You can do this by assigning a named service account that has the correct IAM role(s). You can only use service accounts in the same project as the Cloud Run (fully managed) service.

### Permissions required to use non-default identities

In order to deploy a service with a non-default service account, the deployer must have the `iam.serviceAccounts.actAs` permission on the service account being deployed.

If a user creates a service account, that user is automatically granted this permission; otherwise, a user with the correct permissions must grant the deployer this permission on the service account in order for the user to deploy.

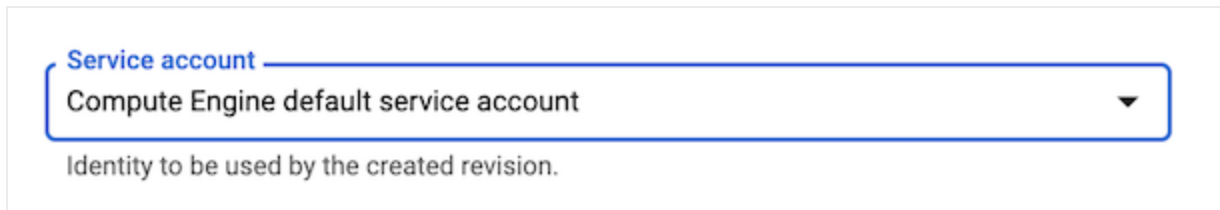
### Deploying a new service with a non-default identity

Before you deploy a service with a new identity, make sure that the service account you want to use is already created. If not, learn how to [create and manage service accounts](https://cloud.google.com/iam/docs/creating-managing-service-accounts) (https://cloud.google.com/iam/docs/creating-managing-service-accounts).

You can set environment variables using the Cloud Console or the gcloud command line when you [create a new service](https://cloud.google.com/run/docs/deploying#service) or [deploy a new revision](https://cloud.google.com/run/docs/deploying#revision):

**CONSOLE UI****G CLOUD**

1. **GO TO CLOUD RUN** ([HTTPS://CONSOLE.CLOUD.GOOGLE.COM/RUN](https://console.cloud.google.com/run))
2. Click **CREATE SERVICE** if you are configuring a service account on a new service you are deploying to. If you are configuring a service account on an existing service, then click on the service, then click **DEPLOY NEW REVISION**.
3. Click **SHOW OPTIONAL SETTINGS**.



Service account

Compute Engine default service account

Identity to be used by the created revision.

4. Click the **Service account** dropdown and select the desired service account.
5. Click **Create** or **Deploy**.

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