

[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](#)

# Managing Revisions

When you deploy to a service or change the configuration of a service, an immutable revision is created.

The following considerations apply to revisions:

- You can specify whether a new revision receives all, none, or some of the traffic, you can gradually roll out a new revision, you can split traffic between several revisions, and you can roll back from a revision. For more information, refer to [Rollbacks, gradual rollouts, and traffic migration](https://cloud.google.com/run/docs/rollouts-rollbacks-traffic-migration) (https://cloud.google.com/run/docs/rollouts-rollbacks-traffic-migration)
- You don't need to [manually delete revisions](#) (#delete), although you can if you want.
- Non-serving revisions do not consume any resources and are not billed.
- There is a maximum of 1000 revisions per service: If you exceed that limit, older revisions are automatically deleted.

## Viewing the list of revisions for a service

CONSOLE

COMMAND LINE

To view the list of revisions in your project:

1. [GO TO CLOUD RUN](https://console.cloud.google.com/run) (HTTPS://CONSOLE.CLOUD.GOOGLE.COM/RUN)
2. Locate the service in the services list, and click on it.
3. Click the *Revisions* tab to show the list of current revisions for that service.

Revisions			
Filter revisions			
	Name	Traffic	Deployed
<input checked="" type="radio"/>	pinkfroid-00002	100%	Mar 5, 2019
<input type="radio"/>	pinkfroid-00001	0%	Mar 4, 2019

## Viewing revision details

CONSOLE

COMMAND LINE

To view the details for a revision in your project:

1. [GO TO CLOUD RUN \(HTTPS://CONSOLE.CLOUD.GOOGLE.COM/RUN\)](https://console.cloud.google.com/run)
2. Locate the service in the services list, and click on it.
3. Click the *Revisions* tab to show the list of current revisions for that service.
4. Select the service revision you are interested in:
5. Examine the *DETAILS* panel at the far right for revision-specific information such as the URL of the deployed container image, amount of memory allocated, and environment variables:

REVISIONS	LOGS	DETAILS								
<p>Revisions</p> <p>Filter revisions</p> <table border="1"> <thead> <tr> <th></th> <th>Name</th> <th>Traffic</th> <th>Deployed</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="radio"/></td> <td>hello-00001</td> <td>100%</td> <td>6 days ago</td> </tr> </tbody> </table>			Name	Traffic	Deployed	<input checked="" type="radio"/>	hello-00001	100%	6 days ago	<p>DETAILS</p> <p>YAML</p> <p>Container image URL: gcr.io/cloudrun/hello@sha256:</p> <p>Memory allocated: 256 MB</p> <p>Concurrency: 80</p> <p>Environment variables: None</p>
	Name	Traffic	Deployed							
<input checked="" type="radio"/>	hello-00001	100%	6 days ago							

Note that a non-current revision may have the status of **RETIRED**, which means that Cloud Run has retired the infrastructure needed for that particular revision.

## Deleting revisions

A common use case for deleting a revision is when you want to make sure a particular revision won't be accidentally used.

You cannot delete a revision if:

- it is able to receive traffic,
- it is the only revision of the service,
- it is the latest revision of the service.

When you delete a revision, the container image used by this revision is not deleted automatically from Container Registry. To delete a container image from Container Registry see [Deleting images](https://cloud.google.com/container-registry/docs/managing#deleting_images) ([https://cloud.google.com/container-registry/docs/managing#deleting\\_images](https://cloud.google.com/container-registry/docs/managing#deleting_images)).

You cannot undo a revision deletion.

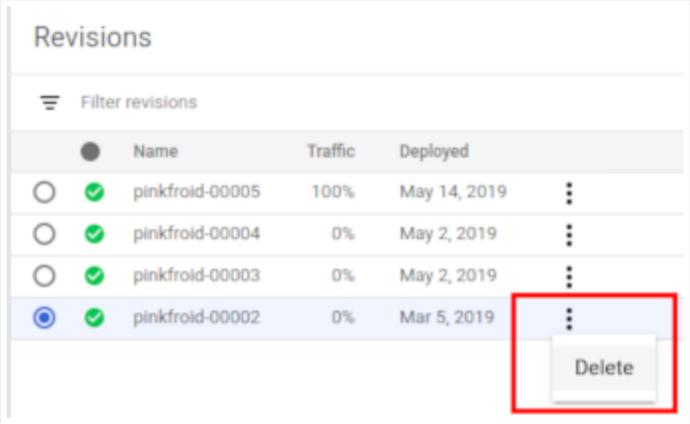
You can use either the console or the command line:

**CONSOLE**      COMMAND LINE

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To delete a revision

1. **GO TO CLOUD RUN** ([HTTPS://CONSOLE.CLOUD.GOOGLE.COM/RUN](https://console.cloud.google.com/run))
2. Locate the service in the services list, and click on it.
3. Click the *Revisions* tab to show the list of current revisions for that service.
4. Locate the service revision you want to delete.
5. Click the three-dot vertical ellipse to the left of the revision to show the *Delete* menu.



	Name	Traffic	Deployed	
<input type="radio"/>	✓ pinkfroid-00005	100%	May 14, 2019	⋮
<input type="radio"/>	✓ pinkfroid-00004	0%	May 2, 2019	⋮
<input type="radio"/>	✓ pinkfroid-00003	0%	May 2, 2019	⋮
<input checked="" type="radio"/>	✓ pinkfroid-00002	0%	Mar 5, 2019	⋮ Delete

6. Click **Delete** to delete the revision.

## What's next

After you deploy a revision, you can do the following:

- [Gradual rollouts, rollback revisions, traffic migration](https://cloud.google.com/run/docs/rollouts-rollbacks-traffic-migration)  
(<https://cloud.google.com/run/docs/rollouts-rollbacks-traffic-migration>)

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