

Cloud Run Functions: Qwik Start – Console

Task 1. Create a function

In this step, you're going to create a Cloud Run function using the console.

1. In the console, on the **Navigation menu** (≡) click **Cloud Run**.
2. Click **WRITE A FUNCTION**.
3. In the **function** dialog, enter the following values:

Field	Value
Service name	gcfunction
Region	REGION
Authentication	Allow unauthenticated invocations
Memory allocated (In Container(s), Volumes and Security Settings)	Keep it default
Execution environment (In Container(s), Volumes and Security Settings)	Second generation
Revision scaling (In Container(s), Volumes and Security Settings)	Set the Maximum number of instance to 5 and then click Create

Note: A helpful popup may appear to validate the required APIs are enabled in the project. Click the **ENABLE** button when requested.

You deploy the function in the next section.

Task 2. Deploy the function

1. Still in the **Create function** dialog, in Source code for **Inline editor** use the default `helloHttp` function implementation already provided for `index.js`.
2. Click **SAVE and REDEPLOY** to deploy the function.

Note: While the function is being deployed, the icon next to it is a small spinner. When it's deployed, the spinner is a green check mark.

Task 3. Test the function

Test the deployed function.

1. On the function details dashboard, to test the function click **TEST**.



2. In the Triggering event field, enter the following text between the brackets `{ }`.

```
"message": "Hello World!"
```

Copied!

```
content_copy
```

3. Copy the **CLI test command** and run it in the cloud shell.

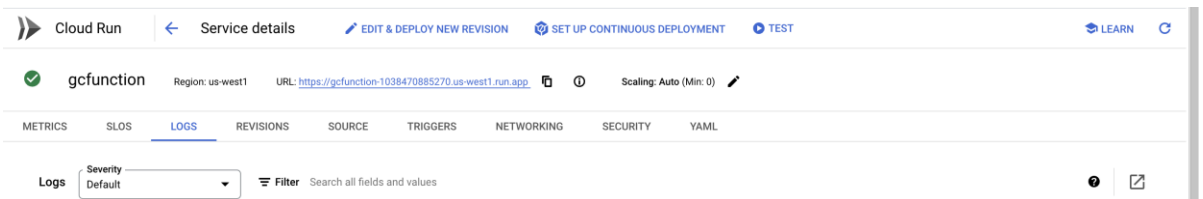
4. You will see the "Hello World!" message as the output.

```
student_01_c97d9fa0d52e@cloudshell:~ (qwiklabs-gcp-03-4a912731ab89)$ curl -X POST https://gcf.function-1038470885270.us-west1.run.app \
-H "Authorization: bearer $(gcloud auth print-identity-token)" \
-H "Content-Type: application/json" \
-d '{
  "message": "Hello World!"
}'
Hello World!student_01_c97d9fa0d52e@cloudshell:~ (qwiklabs-gcp-03-4a912731ab89)$
```

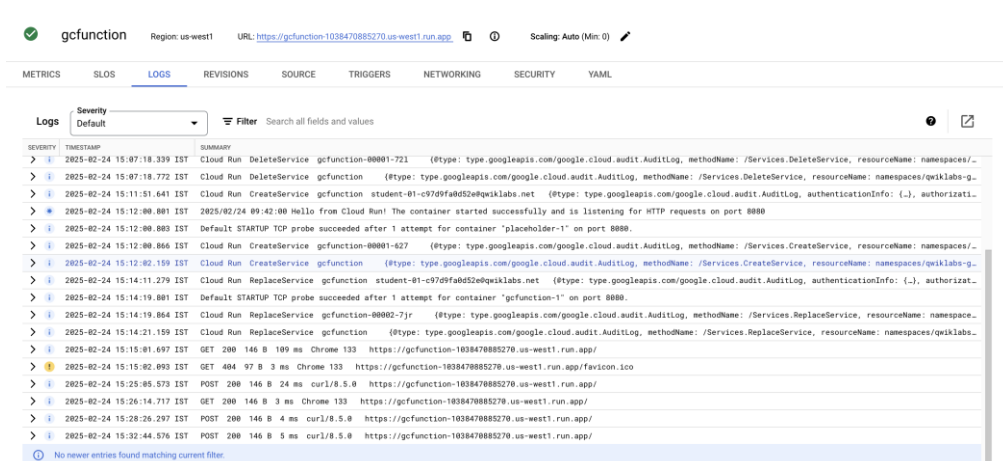
Task 4. View logs

View logs from the service details page.

1. On the **Service Details Overview** page click **Logs** tab



Example of the log history that displays in **Results**:



Your application is deployed, tested, and you can view the logs.