

# Deploy Your Website on Cloud Run - LAB

GSP659



## Overview

Running websites can be difficult with creating and managing VMs, clusters, pods, services, etc. This is fine for larger, multi-tiered applications, but if you are just trying to get your website deployed and visible, it's a lot of overhead.

With [Cloud Run](#), Google Cloud's implementation of [Google's Knative framework](#), you can manage and deploy your website without any of the infrastructure overhead you experience with a VM or pure Kubernetes-based deployments. Not only is this a simpler approach from a management perspective, it also gives you the ability to "scale to zero" when there are no requests coming into your website.

Cloud Run brings "serverless" development to containers and can be run either on your own Google Kubernetes Engine (GKE) clusters or on a fully managed PaaS solution provided by Cloud Run. You will be running the latter scenario in this lab.

The exercises are ordered to reflect a common cloud developer experience:

- 1.Create a Docker container from your application
- 2.Deploy the container to Cloud Run
- 3.Modify the website
- 4.Roll out a new version with zero downtime

## What you'll learn

In this lab you will learn how to:

- Build a Docker image using Cloud Build and upload it to Artifact Registry
- Deploy Docker images to Cloud Run
- Manage Cloud Run deployments
- Set up an endpoint for an application on Cloud Run

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Build a Website on Google Cloud Deploy Your Website on Cloud Run

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End Lab 00:59:18

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[Learn more.](#)

Open Google Cloud Console

Username: student-02-d0648a0e4ac10  
Password: EfZIE611WJhP  
Project ID: gwiklabs-000-00-00000af

Task 1. Clone the source repository

Since you are deploying an existing website, you just need to clone the source, so you can focus on creating Docker images and deploying to Cloud Run.

1. In Cloud Shell run the following commands to clone the git repository and change to the appropriate directory:

```
git clone https://github.com/googlecodelabs/monolith-to-microservices.git  
cd ~/monolith-to-microservices
```

2. Install the NodeJS dependencies so you can test the application before deploying:

0/100 Lab instructions and tasks GSP659 Overview Setup and requirements Task 1. Clone the source repository Task 2. Create a Docker container with Cloud Build Task 3. Deploy the container to Cloud Run Task 4. Create new

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Welcome to Cloud Shell! Type "help" to get started, or type "gemini" to try prompting with Gemini CLI.  
Your Cloud Platform project in this session is set to **qwiklabs-gcp-00-60900f939d20**.  
Use `gcloud config set project [PROJECT\_ID]` to change to a different project.  
student\_02\_d0648a0e4ac1@cloudshell:~ (qwiklabs-gcp-00-60900f939d20)\$ git clone https://github.com/googlecodelabs/monolith-to-microservices.git  
cd ~/monolith-to-microservices  
Cloning into 'monolith-to-microservices'...  
remote: Enumerating objects: 1250, done.  
remote: Counting objects: 100% (362/362), done.  
remote: Compressing objects: 100% (155/155), done.  
remote: Total 1250 (delta 317), reused 207 (delta 207), pack-reused 888 (from 1)  
Receiving objects: 100% (1250/1250), 3.35 MiB | 7.45 MiB/s, done.  
Resolving deltas: 100% (629/629), done.  
student\_02\_d0648a0e4ac1@cloudshell:~/monolith-to-microservices (qwiklabs-gcp-00-60900f939d20)\$

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student_02_d0648a0e4ac1@cloudshell:~ (qwiklabs-gcp-00-60900f939d20)$ git clone https://github.com/googlecodelabs/monolith-to-microservices.git  
cd ~/monolith-to-microservices  
Cloning into 'monolith-to-microservices'...  
remote: Enumerating objects: 1250, done.  
remote: Counting objects: 100% (362/362), done.  
remote: Compressing objects: 100% (155/155), done.  
remote: Total 1250 (delta 317), reused 207 (delta 207), pack-reused 888 (from 1)  
Receiving objects: 100% (1250/1250), 3.35 MiB | 7.45 MiB/s, done.  
Resolving deltas: 100% (629/629), done.  
student_02_d0648a0e4ac1@cloudshell:~/monolith-to-microservices (qwiklabs-gcp-00-60900f939d20)$
```

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```
Receiving objects: 100% (1250/1250), 3.35 MiB | 7.45 MiB/s, done.  
Resolving deltas: 100% (629/629), done.  
student_02_d0648a0e4ac1@cloudshell:~/monolith-to-microservices (qwiklabs-gcp-00-60900f939d20)$ ./setup.sh  
Installing monolith dependencies...  
  
added 68 packages, and audited 69 packages in 4s  
  
14 packages are looking for funding  
  run `npm fund` for details  
  
5 vulnerabilities (3 low, 2 high)  
  
To address all issues, run:  
  npm audit fix  
  
Run `npm audit` for details.  
npm notice  
npm notice New patch version of npm available! 11.6.2 -> 11.6.3  
npm notice Changelog: https://github.com/npm/cli/releases/tag/v11.6.3  
npm notice To update run: npm install -g npm@11.6.3  
npm notice  
Completed.  
  
Installing microservices dependencies...  
  
added 95 packages, and audited 96 packages in 8s  
  
20 packages are looking for funding  
  run `npm fund` for details  
  
2 high severity vulnerabilities  
  
To address all issues, run:  
  npm audit fix  
  
Run `npm audit` for details.
```

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2 **high** severity vulnerabilities

To address all issues, run:  
npm audit fix

Run `npm audit` for details.  
Completed.

Installing React app dependencies...  
npm warn deprecated source-map-url@0.4.1: See <https://github.com/lydell/source-map-url#deprecated>  
npm warn deprecated svgo@1.3.2: This SVGO version is no longer supported. Upgrade to v2.x.x.

added 1480 packages, and audited 1481 packages in 31s

205 packages are looking for funding  
run `npm fund` for details

34 vulnerabilities (4 low, 10 **moderate**, 18 **high**, 2 **critical**)

To address issues that do not require attention, run:  
npm audit fix

To address all issues (including breaking changes), run:  
npm audit fix --force

Run `npm audit` for details.  
Completed.

Building React app and placing into sub projects...

> frontend@0.1.0 prebuild  
> npm run build:monolith

> frontend@0.1.0 build:monolith

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```
> frontend@0.1.0 build:monolith
> env-cmd -f .env.monolith react-scripts build

(node:939) [DEP0176] DeprecationWarning: fs.F_OK is deprecated, use fs.constants.F_OK instead
(Use `node --trace-deprecation ...` to show where the warning was created)
Creating an optimized production build...
Browserslist: caniuse-lite is outdated. Please run:
  npx update-browserslist-db@latest
  Why you should do it regularly: https://github.com/browserslist/update-db#readme
Compiled successfully.

File sizes after gzip:

  88.2 kB  build/static/js/main.4345c22d.js

The project was built assuming it is hosted at /.
You can control this with the homepage field in your package.json.

The build folder is ready to be deployed.
You may serve it with a static server:

  npm install -g serve
  serve -s build

Find out more about deployment here:

  https://cra.link/deployment

> frontend@0.1.0 postbuild:monolith
> node scripts/post-build.js ./build ../monolith/public

Deleting stale folder: ../monolith/public
Deleted stale destination folder: ../monolith/public
```

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```
Deleting stale folder: ../monolith/public
Deleted stale destination folder: ../monolith/public
Copying files from ./build to ../monolith/public
Copied ./build to ../monolith/public successfully!

> frontend@0.1.0 build
> react-scripts build

(node:971) [DEP0176] DeprecationWarning: fs.F_OK is deprecated, use fs.constants.F_OK instead
(Use `node --trace-deprecation ...` to show where the warning was created)
Creating an optimized production build...
Browserslist: caniuse-lite is outdated. Please run:
  npx update-browserslist-db@latest
  Why you should do it regularly: https://github.com/browserslist/update-db#readme
Compiled successfully.

File sizes after gzip:

  88.22 kB (+19 kB)  build/static/js/main.e4fbf856.js

The project was built assuming it is hosted at /.
You can control this with the homepage field in your package.json.

The build folder is ready to be deployed.
You may serve it with a static server:

  npm install -g serve
  serve -s build

Find out more about deployment here:

  https://cra.link/deployment

> frontend@0.1.0 postbuild
```

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(Use `node --trace-deprecation ...` to show where the warning was created)  
Creating an optimized production build...  
Browserslist: caniuse-lite is outdated. Please run:  
npx update-browserslist-db@latest  
Why you should do it regularly: <https://github.com/browserslist/update-db#readme>  
Compiled successfully.

File sizes after gzip:

88.22 kB (+19 kB) build/static/js/main.e4fbf856.js

The project was built assuming it is hosted at /.  
You can control this with the homepage field in your package.json.

The build folder is ready to be deployed.  
You may serve it with a static server:

npm install -g serve  
serve -s build

Find out more about deployment here:

<https://cra.link/deployment>

```
> frontend@0.1.0 postbuild
> node scripts/post-build.js ./build ../microservices/src/frontend/public

Deleting stale folder: ../microservices/src/frontend/public
Deleted stale destination folder: ../microservices/src/frontend/public
Copying files from ./build to ../microservices/src/frontend/public
Copied ./build to ../microservices/src/frontend/public successfully!
Completed.

Setup completed successfully!
student_02_d0648a0e4ac1@cloudshell:~/monolith-to-microservices (qwiklabs-gcp-00-60900f939d20)$
```

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This will take a few minutes to run. You will see a success message when it finishes.

End Lab 00:52:14

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[Open Google Cloud Console](#)

Username: student-02-d0648a0e4ac10

Password: EFZIE61lWJhP

Project ID: gwiklabs-gcp-00-60000af4

Lab instructions and tasks 0/100

GSP659 Overview Setup and requirements Task 1. Clone the source repository Task 2. Create a Docker container with Cloud Build Task 3. Deploy the container to Cloud Run Task 4. Create new

0. This will take a few minutes to run. You will see a success message when it finishes.

1. Test your application by running the following command to start the web server:

```
cd ~/monolith-to-microservices/monolith
npm start
```

Output:

```
Monolith listening on port 8080!
```

2. Preview your application by clicking the web preview icon and selecting **Preview on port 8080**.

Open Editor

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Dashboard – qwiklabs-gcp-00-60900f939d20 x Unable to forward your request to a t +

https://console.cloud.google.com/home/dashboard?project=qwiklabs-gcp-00-60900f939d20&pli=1&cloudshell=true | 🌐

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Gemini CLI is available in Cloud Shell terminal! Type gemini to try it. [Learn more](#)

You may serve it with a static server:

```
npm install -g serve
serve -s build
```

Find out more about deployment here:

<https://cra.link/deployment>

Preview on port 8080 Change port About web preview

Don't show again Dismiss

```
> frontend@0.1.0 postbuild
> node scripts/post-build.js ./build ../microservices/src/frontend/public

Deleting stale folder: ../microservices/src/frontend/public
Deleted stale destination folder: ../microservices/src/frontend/public
Copying files from ./build to ../microservices/src/frontend/public
Copied ./build to ../microservices/src/frontend/public successfully!
Completed.

Setup completed successfully!
student_02_d0648a0e4ac1@cloudshell:~/monolith-to-microservices (qwiklabs-gcp-00-60900f939d20)$ cd ~/monolith-to-microservices/monolith
npm start

> monolith@1.0.0 start
> node ./src/server.js

Monolith listening on port 8080!
^C
student_02_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/monolith (qwiklabs-gcp-00-60900f939d20)$ cd ~/monolith-to-microservices/monolith
student_02_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/monolith (qwiklabs-gcp-00-60900f939d20)$ npm start

> monolith@1.0.0 start
> node ./src/server.js

Monolith listening on port 8080!
```

## Fancy Store

Home

Products

Orders

Welcome to the Fancy Store!

Take a look at our wide variety of products.

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Build a Website on Google Cloud Deploy Your Website on Cloud Run

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End Lab 00:49:28

Caution: When you are in the console, do not deviate from the lab instructions. Doing so may cause your account to be blocked. Learn more.

Open Google Cloud Console

Username: student-02-d0648a0e4ac10

Password: EfZIE61lWJhp

Project ID: gwiklabs-gcp-00-60000af0

You must create a repository before you can push any images to it. Pushing an image can't trigger creation of a repository and the Cloud Build service account does not have permissions to create repositories.

0/100 Lab instructions and tasks

GSP659 Overview Setup and requirements Task 1. Clone the source repository Task 2. Create a Docker container with Cloud Build Task 3. Deploy the container to Cloud Run Task 4. Create new

1. In the console, search for **Artifact Registry** in the search field, then click on **Artifact Registry** result.

2. Click **Create Repository**.

3. Specify `monolith-demo` as the repository name.

4. Choose **Docker** as the format.

5. Under Location Type, select Region and then choose the location `us-east1`.

6. Click **Create**.

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https://console.cloud.google.com/home/dashboard?project=qwiklabs-gcp-00-60900f939d20&pli=1

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Google Cloud Project info

Project name: qwiklabs-gcp-00-60900f939d20

Project number: 468522285964

Project ID: qwiklabs-gcp-00-60900f939d20

Add people to this project

Go to project settings

Resources

BigQuery Data warehouse/analytics

SQL Managed MySQL, PostgreSQL, SQL Server

Compute Engine VMs, GPUs, TPUs, Disks

Storage Multi-class multi-region object storage

Artifacts

Search: artifacts artifact registry

Top results

- Artifact Registry Product · Universal build artifact management
- Settings Product page · Artifact Registry
- Google Meet REST API Marketplace

Products & pages

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- Settings Product page · Artifact Registry
- Repositories Product page · Artifact Registry

Documentation & tutorials

- Artifact Registry overview Documentation · Artifact Registry lets you centrally store artifacts and build dependencies as...

Show more

Set up alerting policies

Create uptime checks

Repositories – Artifact Registry - +

https://console.cloud.google.com/artifacts?referrer=search&project=qwiklabs-gcp-00-60900f939d20

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Artifact Registry

Repositories + Create repository Edit repository Delete Setup instructions Refresh Learn Hide info panel

Filter Enter property name or value

Name ↑ Format Type Location Scanning Description Labels Version policy Enc

Select a repository

Permissions Labels

Please select at least one resource.

No repositories to display  
Create repositories to store, manage, and secure your build artifacts.

Create repository Learn more

Release Notes

https://console.cloud.google.com/artifacts/create-repo?project=qwiklabs-gcp-00-60900f939d20

[A] Create repository – Artifact Registry

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Artifact Registry / Create repository

Repositories Settings

Create repository

Name \* monolith-demo

Format Docker

Mode Standard (selected)

Location type Region (selected)

Region \* us-east1 (South Carolina)

Description

Labels + Add label

Learn

Release Notes

Artifacts

[A] Create repository – Artifact Registry

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Artifact Registry / Create repository

Repositories Settings

Learn

## Create repository

An immutable image tag is an image tag that always points to the same image digest. If you configure the repository for immutable image tags, you cannot remove an image tag, delete a tagged image, or push a tagged image to the repository if the image tag is already in use by another version of the same image.

[Learn more](#)

Enabled

Disabled

### Cleanup policies

Define policies to automatically clean up artifacts.

Delete artifacts  
Artifacts will be deleted according to cleanup policy criteria.

Dry run  
Artifacts will not be deleted. Cleanup policies will be evaluated, and test delete events sent to Cloud Audit Logging. [Learn more](#)

Add a cleanup policy

### Artifact Analysis

#### Vulnerability scanning

Automatically scan images that are pushed to this repository for vulnerabilities.

Note: Scanning is currently only supported for Docker standard and remote repositories. [Learn more](#)

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Release Notes

Create repository – Artifact Registry

https://console.cloud.google.com/artifacts/create-repo?project=qwiklabs-gcp-00-60900f939d20

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Artifact Registry / Create repository

Repositories Settings Learn

**Create repository**

An immutable image tag is an image tag that always points to the same image digest. If you configure the repository for immutable image tags, you cannot remove an image tag, delete a tagged image, or push a tagged image to the repository if the image tag is already in use by another version of the same image.

[Learn more](#)

Enabled  
 Disabled

**Cleanup policies**

Define policies to automatically clean up artifacts.

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[Add a cleanup policy](#)

**Artifact Analysis**

**Vulnerability scanning**

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Deploy Your Website on Cloud Run



00:40:40

## Configure authentication

Before you can push or pull images, configure Docker to use the Google Cloud CLI to authenticate requests to Artifact Registry.

- To set up authentication to Docker repositories in the region `us-east1`, run the following command in Cloud Shell:

```
gcloud auth configure-docker us-east1-docker.pkg.dev
```

The command updates your Docker configuration. You can now connect with Artifact Registry in your Google Cloud project to push and pull images.

## Deploy the image

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Setup and requirements

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Welcome to Cloud Shell! Type "help" to get started, or type "gemini" to try prompting with Gemini CLI. Your Cloud Platform project in this session is set to **qwiklabs-gcp-00-60900f939d20**.

```
Use `gcloud config set project [PROJECT_ID]` to change to a different project.  
student_02_d0648a0e4acl@cloudshell:~ (qwiklabs-gcp-00-60900f939d20)$ gcloud auth configure-docker us-east1-docker.pkg.dev  
WARNING: Your config file at [/home/student_02_d0648a0e4acl/.docker/config.json] contains these credential helper entries:
```

```
{  
  "credHelpers": {  
    "gcr.io": "gcloud",  
    "us.gcr.io": "gcloud",  
    "eu.gcr.io": "gcloud",  
    "asia.gcr.io": "gcloud",  
    "staging-k8s.gcr.io": "gcloud",  
    "marketplace.gcr.io": "gcloud",  
    "africa-south1-docker.pkg.dev": "gcloud",  
    "docker.africa-south1.rep.pkg.dev": "gcloud",  
    "asia-docker.pkg.dev": "gcloud",  
    "asia-east1-docker.pkg.dev": "gcloud",  
    "docker.asia-east1.rep.pkg.dev": "gcloud",  
    "asia-east2-docker.pkg.dev": "gcloud",  
    "docker.asia-east2.rep.pkg.dev": "gcloud",  
    "asia-northeast1-docker.pkg.dev": "gcloud",  
    "docker.asia-northeast1.rep.pkg.dev": "gcloud",  
    "asia-northeast2-docker.pkg.dev": "gcloud",  
    "docker.asia-northeast2.rep.pkg.dev": "gcloud",  
    "asia-northeast3-docker.pkg.dev": "gcloud",  
    "docker.asia-northeast3.rep.pkg.dev": "gcloud",  
    "asia-south1-docker.pkg.dev": "gcloud",  
    "docker.asia-south1.rep.pkg.dev": "gcloud",  
    "asia-south2-docker.pkg.dev": "gcloud",  
    "docker.asia-south2.rep.pkg.dev": "gcloud",  
    "asia-southeast1-docker.pkg.dev": "gcloud",  
    "docker.asia-southeast1.rep.pkg.dev": "gcloud",  
    "asia-southeast2-docker.pkg.dev": "gcloud",  
    "docker.asia-southeast2.rep.pkg.dev": "gcloud",  
    "australia-southeast1-docker.pkg.dev": "gcloud"
```

[A] Images for monolith-demo – Art +

https://console.cloud.google.com/artifacts?referrer=search&project=qwiklabs-gcp-00-60900f939d20&cloudshell=true

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Google Cloud qwiklabs-gcp-00-60900f939d20 Search (/) for resources, docs, products, and more Search

CLOUD SHELL Terminal (qwiklabs-gcp-00-60900f939d20) + Open Editor | ☰ ⚙️ 🌐 📁 ⋮ - ⌂ ⌃ ⌄ ⌅ ⌆ ⌇ ⌈ ⌉ ⌊ ⌋

ⓘ Gemini CLI is available in Cloud Shell terminal! Type gemini to try it. [Learn more](#) Don't show again Dismiss

```
"northamerica-northeast2-docker.pkg.dev": "gcloud",
"docker.northamerica-northeast2.rep.pkg.dev": "gcloud",
"northamerica-south1-docker.pkg.dev": "gcloud",
"southamerica-east1-docker.pkg.dev": "gcloud",
"docker.southamerica-east1.rep.pkg.dev": "gcloud",
"southamerica-west1-docker.pkg.dev": "gcloud",
"docker.southamerica-west1.rep.pkg.dev": "gcloud",
"us-docker.pkg.dev": "gcloud",
"us-central1-docker.pkg.dev": "gcloud",
"docker.us-central1.rep.pkg.dev": "gcloud",
"us-central2-docker.pkg.dev": "gcloud",
"docker.us-central2.rep.pkg.dev": "gcloud",
"us-east1-docker.pkg.dev": "gcloud",
"docker.us-east1.rep.pkg.dev": "gcloud",
"us-east4-docker.pkg.dev": "gcloud",
"docker.us-east4.rep.pkg.dev": "gcloud",
"us-east5-docker.pkg.dev": "gcloud",
"docker.us-east5.rep.pkg.dev": "gcloud",
"us-east7-docker.pkg.dev": "gcloud",
"docker.us-east7.rep.pkg.dev": "gcloud",
"us-south1-docker.pkg.dev": "gcloud",
"docker.us-south1.rep.pkg.dev": "gcloud",
"us-west1-docker.pkg.dev": "gcloud",
"docker.us-west1.rep.pkg.dev": "gcloud",
"us-west2-docker.pkg.dev": "gcloud",
"docker.us-west2.rep.pkg.dev": "gcloud",
"us-west3-docker.pkg.dev": "gcloud",
"docker.us-west3.rep.pkg.dev": "gcloud",
"us-west4-docker.pkg.dev": "gcloud",
"docker.us-west4.rep.pkg.dev": "gcloud",
"us-west8-docker.pkg.dev": "gcloud"
}
}
Adding credentials for: us-east1-docker.pkg.dev
gcloud credential helpers already registered correctly.
student_02_d0648a0e4ac1@cloudshell:~ (qwiklabs-gcp-00-60900f939d20)$
```



Dashboard



Catalog



Paths



Collections

## Contents

## Deploy Your Website on Cloud Run



The command updates your Docker configuration. You can now connect with Artifact Registry in your Google Cloud project to push and pull images.

10/100

Lab instructions and tasks

GSP659

Overview

Setup and requirements

Task 1. Clone the source repository

Task 2. Create a Docker container with Cloud Build

Task 3. Deploy the container to Cloud Run

Task 4. Create new

End Lab

00:39:23

**Caution:** When you are in the console, do not deviate from the lab instructions. Doing so may cause your account to be blocked.  
[Learn more.](#)

[Open Google Cloud Console](#)

Username

student-02-d0648a0e4ac10



Password

EfZIE61lWJhP



Project ID

gwik1abs-nnn-nnn-nnnnnnnn



## Deploy the image

You will now deploy the image that was built earlier.

- First you need to enable the Cloud Build, Artifact Registry, and Cloud Run APIs. Run the following command in Cloud Shell to enable them:

```
gcloud services enable artifactregistry.googleapis.com \
    cloudbuild.googleapis.com \
    run.googleapis.com
```

- After the APIs are enabled, run the following command to start the build process:

[Previous](#)[Next](#)

[A] Images for monolith-demo – Art +

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```
"docker.southamerica-east1.rep.pkg.dev": "gcloud",
"southamerica-west1-docker.pkg.dev": "gcloud",
"docker.southamerica-west1.rep.pkg.dev": "gcloud",
"us-docker.pkg.dev": "gcloud",
"us-central1-docker.pkg.dev": "gcloud",
"docker.us-central1.rep.pkg.dev": "gcloud",
"us-central2-docker.pkg.dev": "gcloud",
"docker.us-central2.rep.pkg.dev": "gcloud",
"us-east1-docker.pkg.dev": "gcloud",
"docker.us-east1.rep.pkg.dev": "gcloud",
"us-east4-docker.pkg.dev": "gcloud",
"docker.us-east4.rep.pkg.dev": "gcloud",
"us-east5-docker.pkg.dev": "gcloud",
"docker.us-east5.rep.pkg.dev": "gcloud",
"us-east7-docker.pkg.dev": "gcloud",
"docker.us-east7.rep.pkg.dev": "gcloud",
"us-south1-docker.pkg.dev": "gcloud",
"docker.us-south1.rep.pkg.dev": "gcloud",
"us-west1-docker.pkg.dev": "gcloud",
"docker.us-west1.rep.pkg.dev": "gcloud",
"us-west2-docker.pkg.dev": "gcloud",
"docker.us-west2.rep.pkg.dev": "gcloud",
"us-west3-docker.pkg.dev": "gcloud",
"docker.us-west3.rep.pkg.dev": "gcloud",
"us-west4-docker.pkg.dev": "gcloud",
"docker.us-west4.rep.pkg.dev": "gcloud",
"us-west8-docker.pkg.dev": "gcloud"
}
}
Adding credentials for: us-east1-docker.pkg.dev
gcloud credential helpers already registered correctly.
student_02_d0648a0e4ac1@cloudshell:~ (qwiklabs-gcp-00-60900f939d20)$ gcloud services enable artifactregistry.googleapis.com \
  cloudbuild.googleapis.com \
  run.googleapis.com
Operation "operations/acf.p2-468522285964-9dde4e5b-b04c-4be5-a60c-f0a3955f9876" finished successfully.
student_02_d0648a0e4ac1@cloudshell:~ (qwiklabs-gcp-00-60900f939d20)$
```

Air: Poor Tomorrow

Search

ENG IN 08:44 PM 24-11-2025

[A] Images for monolith-demo – Art +

https://console.cloud.google.com/artifacts?referrer=search&project=qwiklabs-gcp-00-60900f939d20&cloudshell=true

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CLOUD SHELL Terminal (qwiklabs-gcp-00-60900f939d20) Open Editor

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```
"docker.southamerica-east1.rep.pkg.dev": "gcloud",
"southamerica-west1-docker.pkg.dev": "gcloud",
"docker.southamerica-west1.rep.pkg.dev": "gcloud",
"us-docker.pkg.dev": "gcloud",
"us-central1-docker.pkg.dev": "gcloud",
"docker.us-central1.rep.pkg.dev": "gcloud",
"us-central2-docker.pkg.dev": "gcloud",
"docker.us-central2.rep.pkg.dev": "gcloud",
"us-east1-docker.pkg.dev": "gcloud",
"docker.us-east1.rep.pkg.dev": "gcloud",
"us-east4-docker.pkg.dev": "gcloud",
"docker.us-east4.rep.pkg.dev": "gcloud",
"us-east5-docker.pkg.dev": "gcloud",
"docker.us-east5.rep.pkg.dev": "gcloud",
"us-east7-docker.pkg.dev": "gcloud",
"docker.us-east7.rep.pkg.dev": "gcloud",
"us-south1-docker.pkg.dev": "gcloud",
"docker.us-south1.rep.pkg.dev": "gcloud",
"us-west1-docker.pkg.dev": "gcloud",
"docker.us-west1.rep.pkg.dev": "gcloud",
"us-west2-docker.pkg.dev": "gcloud",
"docker.us-west2.rep.pkg.dev": "gcloud",
"us-west3-docker.pkg.dev": "gcloud",
"docker.us-west3.rep.pkg.dev": "gcloud",
"us-west4-docker.pkg.dev": "gcloud",
"docker.us-west4.rep.pkg.dev": "gcloud",
"us-west8-docker.pkg.dev": "gcloud"
}
}
Adding credentials for: us-east1-docker.pkg.dev
gcloud credential helpers already registered correctly.
student_02_d0648a0e4ac1@cloudshell:~ (qwiklabs-gcp-00-60900f939d20)$ gcloud services enable artifactregistry.googleapis.com \
  cloudbuild.googleapis.com \
  run.googleapis.com
Operation "operations/acf.p2-468522285964-9dde4e5b-b04c-4be5-a60c-f0a3955f9876" finished successfully.
student_02_d0648a0e4ac1@cloudshell:~ (qwiklabs-gcp-00-60900f939d20)$ gcloud builds submit --tag us-east1-docker.pkg.dev/${GOOGLE_CLOUD_PROJECT}/monolith-demo/monolith:1.0.0
```

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Dashboard – qwiklabs-gcp-03-8fd33f1a93c8 x [A] Images for monolith-demo – Artifact | Build history – Cloud Build – qwiklabs +

https://console.cloud.google.com/home/dashboard?project=qwiklabs-gcp-03-8fd33f1a93c8&pli=1&cloudshell=true

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Google Cloud artifact x Search

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```
}
```

```
Adding credentials for: us-central1-docker.pkg.dev
gcloud credential helpers already registered correctly.
```

```
student_02_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/monolith (qwiklabs-gcp-03-8fd33f1a93c8)$ gcloud services enable artifactregistry.googleapis.com \
  cloudbuild.googleapis.com \
  run.googleapis.com
Operation "operations/acf.p2-228585486112-52f09160-dc49-4824-be60-10ab7476b643" finished successfully.
```

```
student_02_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/monolith (qwiklabs-gcp-03-8fd33f1a93c8)$ gcloud builds submit --tag us-central1-docker.pkg.dev/${GOOGLE_CLOUD_PROJECT}/monolith-
demo/monolith:1.0.0
Creating temporary archive of 27 file(s) totalling 2.4 MiB before compression.
Uploading tarball of [...] to [gs://qwiklabs-gcp-03-8fd33f1a93c8_cloudbuild/source/1763999278.824355-1d52b089483e4ce297437f6b2fd89e72.tgz]
Created [https://cloudbuild.googleapis.com/v1/projects/qwiklabs-gcp-03-8fd33f1a93c8/locations/global/builds/a793a61d-76fc-41f4-af02-57905dfe6abf].
Logs are available at [ https://console.cloud.google.com/cloudbuild/builds/a793a61d-76fc-41f4-af02-57905dfe6abf?project=228585486112 ].
Waiting for build to complete. Polling interval: 1 second(s).
----- REMOTE BUILD OUTPUT -----
starting build "a793a61d-76fc-41f4-af02-57905dfe6abf"
```

```
FETCHSOURCE
Fetching storage object: gs://qwiklabs-gcp-03-8fd33f1a93c8_cloudbuild/source/1763999278.824355-1d52b089483e4ce297437f6b2fd89e72.tgz#1763999282512095
Copying gs://qwiklabs-gcp-03-8fd33f1a93c8_cloudbuild/source/1763999278.824355-1d52b089483e4ce297437f6b2fd89e72.tgz#1763999282512095...
/ [1 files] [ 1.4 MiB/ 1.4 MiB]
Operation completed over 1 objects/1.4 MiB.
```

```
BUILD
Already have image (with digest): gcr.io/cloud-builders/gcb-internal
Sending build context to Docker daemon 2.577MB
Step 1/7 : FROM node:16
16: Pulling from library/node
311da6c465ea: Pulling fs layer
7e9bf114588c: Pulling fs layer
ffd9397e94b7: Pulling fs layer
513d77925604: Pulling fs layer
ae3b95bbbaa61: Pulling fs layer
0e421f66aff4: Pulling fs layer
ca266fd61921: Pulling fs layer
ee7d78be1eb9: Pulling fs layer
```

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Dashboard – qwiklabs-gcp-03-8f... X [A] Images for monolith-demo – Artifact | Build history – Cloud Build – qwiklab... +

https://console.cloud.google.com/home/dashboard?project=qwiklabs-gcp-03-8fd33f1a93c8&pli=1&cloudshell=true

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REMOTE BUILD OUTPUT

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Waiting for build to complete. Polling interval: 1 second(s).

starting build "a793a61d-76fc-41f4-af02-57905dfe6abf"

FETCHSOURCE  
Fetching storage object: gs://qwiklabs-gcp-03-8fd33f1a93c8\_cloudbuild/source/1763999278.824355-1d52b089483e4ce297437f6b2fd89e72.tgz#1763999282512095  
Copying gs://qwiklabs-gcp-03-8fd33f1a93c8\_cloudbuild/source/1763999278.824355-1d52b089483e4ce297437f6b2fd89e72.tgz#1763999282512095...  
/ [1 files][ 1.4 MiB/ 1.4 MiB]  
Operation completed over 1 objects/1.4 MiB.

BUILD  
Already have image (with digest): gcr.io/cloud-builders/gcb-internal  
Sending build context to Docker daemon 2.577MB  
Step 1/7 : FROM node:16  
16: Pulling from library/node  
311da6c465ea: Pulling fs layer  
7e9bf114588c: Pulling fs layer  
ffd9397e94b7: Pulling fs layer  
513d77925604: Pulling fs layer  
ae3b95bbaa61: Pulling fs layer  
0e421f66aff4: Pulling fs layer  
ca266fd61921: Pulling fs layer  
ee7d78be1eb9: Pulling fs layer  
ca266fd61921: Waiting  
ee7d78be1eb9: Waiting  
ae3b95bbaa61: Verifying Checksum  
ae3b95bbaa61: Download complete  
ca266fd61921: Verifying Checksum  
ca266fd61921: Download complete  
7e9bf114588c: Verifying Checksum  
7e9bf114588c: Download complete  
ee7d78be1eb9: Download complete  
0e421f66aff4: Verifying Checksum  
0e421f66aff4: Download complete  
ffd9397e94b7: Verifying Checksum  
ffd9397e94b7: Download complete

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Dashboard – qwiklabs-gcp-03-8f · Images for monolith-demo – Artifact · Build history – Cloud Build – qwiklabs · +

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Google Cloud artifact

CLOUD SHELL Terminal (qwiklabs-gcp-03-8fd33f1a93c8) + Open Editor

Gemini CLI is available in Cloud Shell terminal! Type gemini to try it. [Learn more](#)

ffd9397e94b7: Verifying Checksum  
ffd9397e94b7: Download complete  
311da6c465ea: Download complete  
513d77925604: Verifying Checksum  
513d77925604: Download complete  
311da6c465ea: Pull complete  
7e9bf114588c: Pull complete  
ffd9397e94b7: Pull complete  
513d77925604: Pull complete  
ae3b95bbbaa61: Pull complete  
0e421f66aff4: Pull complete  
ca266fd61921: Pull complete  
ee7d78be1eb9: Pull complete  
Digest: sha256:f77a1aef2da8d83e45ec990f45df50f1a286c5fe8bbfb8c6e4246c6389705c0b  
Status: Downloaded newer image for node:16  
1ddc7e4055fd  
Step 2/7 : WORKDIR /usr/src/app  
Running in 1924fe9da19f  
Removing intermediate container 1924fe9da19f  
7e52f252a0e6  
Step 3/7 : COPY package\*.json ./  
dcff15584746  
Step 4/7 : RUN npm install  
Running in 39970ff3ff6d  
  
added 68 packages, and audited 69 packages in 2s  
  
14 packages are looking for funding  
run `npm fund` for details  
  
5 vulnerabilities (3 low, 2 high)  
  
To address all issues, run:  
npm audit fix

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Dashboard – qwiklabs-gcp-03-8f | [Images for monolith-demo – Artifact](#) | [Build history – Cloud Build – qwiklabs](#) | +

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Google Cloud artifact

CLOUD SHELL Terminal (qwiklabs-gcp-03-8fd33f1a93c8) + Open Editor

Gemini CLI is available in Cloud Shell terminal! Type gemini to try it. [Learn more](#)

Step 2/7 : WORKDIR /usr/src/app  
Running in 1924fe9da19f  
Removing intermediate container 1924fe9da19f  
7e52f252a0e6  
Step 3/7 : COPY package\*.json ./  
dcff15584746  
Step 4/7 : RUN npm install  
Running in 39970ff3ff6d  
added 68 packages, and audited 69 packages in 2s  
  
14 packages are looking for funding  
run `npm fund` for details  
  
5 vulnerabilities (3 low, 2 high)  
  
To address all issues, run:  
npm audit fix  
  
Run `npm audit` for details.  
npm notice  
npm notice New major version of npm available! 8.19.4 => 11.6.3  
npm notice Changelog: <<https://github.com/npm/cli/releases/tag/v11.6.3>>  
npm notice Run `npm install -g npm@11.6.3` to update!  
npm notice  
Removing intermediate container 39970ff3ff6d  
6e74ecb8bd66  
Step 5/7 : COPY . .  
7c0b359280e0  
Step 6/7 : EXPOSE 8080  
Running in 8e3e519f4f4a  
Removing intermediate container 8e3e519f4f4a  
350463bb9f07  
Step 7/7 : CMD [ "node", "src/server.js" ]  
Running in 94c017b3f174

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Dashboard – qwiklabs-gcp-03-8f | Images for monolith-demo – Artifact | Build history – Cloud Build – qwiklabs | +

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Google Cloud artifact

CLOUD SHELL Terminal (qwiklabs-gcp-03-8fd33f1a93c8) + Open Editor

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Running in 8e3e519f4f4a  
Removing intermediate container 8e3e519f4f4a  
350463bb9f07  
Step 7/7 : CMD [ "node", "src/server.js" ]  
Running in 94c017b3f174  
Removing intermediate container 94c017b3f174  
2cd32a8085fd  
Successfully built 2cd32a8085fd  
Successfully tagged us-central1-docker.pkg.dev/qwiklabs-gcp-03-8fd33f1a93c8/monolith-demo/monolith:1.0.0  
PUSH  
Pushing us-central1-docker.pkg.dev/qwiklabs-gcp-03-8fd33f1a93c8/monolith-demo/monolith:1.0.0  
The push refers to repository [us-central1-docker.pkg.dev/qwiklabs-gcp-03-8fd33f1a93c8/monolith-demo/monolith]  
a5e6703731c6: Preparing  
ed9784ed38e0: Preparing  
5dd77be0914a: Preparing  
5ae7c7dcf330: Preparing  
be322b479aee: Preparing  
d41bcd3a037b: Preparing  
fe0d845e767b: Preparing  
f25ec1d93a58: Preparing  
794ce8b1b516: Preparing  
3220beed9b06: Preparing  
684f82921421: Preparing  
9af5f53e8f62: Preparing  
684f82921421: Waiting  
9af5f53e8f62: Waiting  
5dd77be0914a: Pushed  
5ae7c7dcf330: Pushed  
a5e6703731c6: Pushed  
f25ec1d93a58: Pushed  
be322b479aee: Pushed  
d41bcd3a037b: Pushed  
ed9784ed38e0: Pushed  
684f82921421: Pushed  
fe0d845e767b: Pushed

Air: Very poor Now

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Dashboard – qwiklabs-gcp-03-8 | Images for monolith-demo – Artifact | Build history – Cloud Build – qwiklabs | +

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Google Cloud artifact

CLOUD SHELL Terminal (qwiklabs-gcp-03-8fd33f1a93c8) + Open Editor

Gemini CLI is available in Cloud Shell terminal! Type gemini to try it. [Learn more](#)

ed9784ed38e0: Preparing  
5dd77be0914a: Preparing  
5ae7c7dcf330: Preparing  
be322b479aee: Preparing  
d41bcd3a037b: Preparing  
fe0d845e767b: Preparing  
f25ec1d93a58: Preparing  
794ce8b1b516: Preparing  
3220beed9b06: Preparing  
684f82921421: Preparing  
9af5f53e8f62: Preparing  
684f82921421: Waiting  
9af5f53e8f62: Waiting  
5dd77be0914a: Pushed  
5ae7c7dcf330: Pushed  
a5e6703731c6: Pushed  
f25ec1d93a58: Pushed  
be322b479aee: Pushed  
d41bcd3a037b: Pushed  
ed9784ed38e0: Pushed  
684f82921421: Pushed  
fe0d845e767b: Pushed  
3220beed9b06: Pushed  
9af5f53e8f62: Pushed  
794ce8b1b516: Pushed  
1.0.0: digest: sha256:25aefac26815e6c7fbc1f2579d58ffb1b2cc61c95003c1eccb3e3d90c5a7c30f size: 2841  
DONE

ID: a793a61d-76fc-41f4-af02-57905dfe6abf  
CREATE\_TIME: 2025-11-24T15:48:03+00:00  
DURATION: 1M20S  
SOURCE: gs://qwiklabs-gcp-03-8fd33f1a93c8\_cloudbuild/source/1763999278.824355-1d52b089483e4ce297437f6b2fd89e72.tgz  
IMAGES: us-central1-docker.pkg.dev/qwiklabs-gcp-03-8fd33f1a93c8/monolith-demo/monolith:1.0.0  
STATUS: SUCCESS  
student\_02\_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/monolith (qwiklabs-gcp-03-8fd33f1a93c8) \$

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9:21 PM 24-11-2025

Dashboard – qwiklabs-gcp-03-8fd... - [A] Images for monolith-demo – Artifact Build history – Cloud Build – qwil +

https://console.cloud.google.com/cloud-build/builds?referrer=search&project=qwiklabs-gcp-03-8fd33f1a93c8 | 1

Free AI Paraphrasin... Transcript of Case St... GCP-LAB Hydra

Google Cloud qwiklabs-gcp-03-8fd33f1a93c8 Search (/) for resources, docs, products, and more Search

Cloud Build / History

Dashboard History Repositories Triggers Worker Pools Permissions Release Notes

Build history Stop streaming builds

This page shows your builds, sorted by the most recently started. Explore the build details to see logs, execution details, and build artifacts.

Filter Enter property name or value

<input type="checkbox"/>	Status	Build	Region	Source	Ref	Commit	Trigger Name	Created	Duration	Security Insights
<input checked="" type="checkbox"/>	✓	<a href="#">a793a61d</a>	global	–	–	–	–	11/24/25, 9:18PM	1 min 19 sec	<a href="#">View</a>

Air: Very poor Now 9+ ENG IN 09:21 PM 24-11-2025

Dashboard – qwiklabs-gcp-03-8fd... - [Images for monolith-demo – Artifact](#) Build details – Cloud Build – qwil +

https://console.cloud.google.com/cloud-build/builds;region=global/a793a61d-76fc-41f4-af02-57905dfe6abf;tab=detail?project=qwiklabs-gcp-03... | 1

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Google Cloud qwiklabs-gcp-03-8fd33f1a93c8 Search (/) for resources, docs, products, and more Search

Cloud Build / History / Build details: a793a61d-76fc-41f4-af02-57905dfe6abf

Dashboard History Repositories Triggers Worker Pools Permissions Release Notes

Build details [Retry build](#) [Copy url](#) Learn

Successful: a793a61d-76fc-41f4-af02-57905dfe6abf

Started on Nov 24, 2025, 9:18:13 PM

Source

[gs://qwiklabs-gcp-03-8fd33f1a93c8\\_cloudbuild/source/1763999278.824355-1d52b089483e4ce297437f6b2fd89e72.tgz](gs://qwiklabs-gcp-03-8fd33f1a93c8_cloudbuild/source/1763999278.824355-1d52b089483e4ce297437f6b2fd89e72.tgz)

Steps	Duration
Build Summary	00:01:19
1 Step	
0: gcr.io/cloud-builders/gcb-internal docker build --network cloudbuild --no...	00:00:27

Build Summary

Build log Execution details Build artifacts

Build id	a793a61d-76fc-41f4-af02-57905dfe6abf
Status	Successful
Region	global
Timing	
Created	November 24, 2025 at 9:18:03 PM UTC+5:30
Started	November 24, 2025 at 9:18:13 PM UTC+5:30
Finished	November 24, 2025 at 9:19:33 PM UTC+5:30
Queued time	9 sec
Total build time	1 min 19 sec
Fetch source	2 sec
Build step(s)	28 sec
Push	44 sec
Timeout	1 hr

Air: Very poor Now

Search

09:22 PM 24-11-2025 ENG IN

Dashboard – qwiklabs-gcp-03-8f | [A] Images for monolith-demo – Artifact | Build details – Cloud Build – qwiklabs | +

https://console.cloud.google.com/home/dashboard?project=qwiklabs-gcp-03-8fd33f1a93c8&pli=1&cloudshell=true

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Google Cloud artifact

CLOUD SHELL Terminal (qwiklabs-gcp-03-8fd33f1a93c8) + Open Editor

Gemini CLI is available in Cloud Shell terminal! Type gemini to try it. [Learn more](#)

Don't show again Dismiss

```
9af5f53e8f62: Waiting
5dd77be0914a: Pushed
5ae7c7dcf330: Pushed
a5e6703731c6: Pushed
f25ec1d93a58: Pushed
be322b479aee: Pushed
d41bcd3a037b: Pushed
ed9784ed38e0: Pushed
684f82921421: Pushed
fe0d845e767b: Pushed
3220beed9b06: Pushed
9af5f53e8f62: Pushed
794ce8b1b516: Pushed
1.0.0: digest: sha256:25aefac26815e6c7fbclf2579d58ffb1b2cc61c95003c1eccb3e3d90c5a7c30f size: 2841
DONE

ID: a793a61d-76fc-41f4-af02-57905dfe6abf
CREATE_TIME: 2025-11-24T15:48:03+00:00
DURATION: 1M20S
SOURCE: gs://qwiklabs-gcp-03-8fd33f1a93c8_cloudbuild/source/1763999278.824355-1d52b089483e4ce297437f6b2fd89e72.tgz
IMAGES: us-central1-docker.pkg.dev/qwiklabs-gcp-03-8fd33f1a93c8/monolith-demo/monolith:1.0.0
STATUS: SUCCESS
student_02_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/monolith (qwiklabs-gcp-03-8fd33f1a93c8)$ gcloud run deploy monolith --image us-central1-docker.pkg.dev/${GOOGLE_CLOUD_PROJECT}/monolith-demo/monolith:1.0.0 --region us-central1
Allow unauthenticated invocations to [monolith] (y/N)? Y

Deploying container to Cloud Run service [monolith] in project [qwiklabs-gcp-03-8fd33f1a93c8] region [us-central1]
Deploying new service...
  Setting IAM Policy...done
  Creating Revision...done
  Routing traffic...done
Done.
Service [monolith] revision [monolith-00001-m6f] has been deployed and is serving 100 percent of traffic.
Service URL: https://monolith-228585486112.us-central1.run.app
student_02_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/monolith (qwiklabs-gcp-03-8fd33f1a93c8)$
```

9+ Trending videos Stranger Things... Search

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Dashboard – qwiklabs-gcp-03-8fd33f1a93c8 x [A] Images for monolith-demo – Artifact | Build details – Cloud Build – qwiklabs +

https://console.cloud.google.com/home/dashboard?project=qwiklabs-gcp-03-8fd33f1a93c8&pli=1&cloudshell=true

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Google Cloud artifact x Search

CLOUD SHELL Terminal (qwiklabs-gcp-03-8fd33f1a93c8) + Open Editor

Gemini CLI is available in Cloud Shell terminal! Type gemini to try it. [Learn more](#)

ed9784ed38e0: Pushed  
684f82921421: Pushed  
fe0d845e767b: Pushed  
3220beed9b06: Pushed  
9af5f53e8f62: Pushed  
794ce8b1b516: Pushed  
1.0.0: digest: sha256:25aefac26815e6c7fbc1f2579d58ffb1b2cc61c95003c1eccb3e3d90c5a7c30f size: 2841  
DONE

---

ID: a793a61d-76fc-41f4-af02-57905dfe6abf  
CREATE\_TIME: 2025-11-24T15:48:03+00:00  
DURATION: 1M20S  
SOURCE: gs://qwiklabs-gcp-03-8fd33f1a93c8\_cloudbuild/source/1763999278.824355-1d52b089483e4ce297437f6b2fd89e72.tgz  
IMAGES: us-central1-docker.pkg.dev/qwiklabs-gcp-03-8fd33f1a93c8/monolith-demo/monolith:1.0.0  
STATUS: SUCCESS  
student\_02\_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/monolith (qwiklabs-gcp-03-8fd33f1a93c8)\$ gcloud run deploy monolith --image us-central1-docker.pkg.dev/\${GOOGLE\_CLOUD\_PROJECT}/monolith-demo/monolith:1.0.0 --region us-central1  
Allow unauthenticated invocations to [monolith] (y/N)? Y

Deploying container to Cloud Run service [monolith] in project [qwiklabs-gcp-03-8fd33f1a93c8] region [us-central1]  
Deploying new service...  
Setting IAM Policy...done  
Creating Revision...done  
Routing traffic...done  
Done.  
Service [monolith] revision [monolith-00001-m6f] has been deployed and is serving 100 percent of traffic.  
Service URL: https://monolith-228585486112.us-central1.run.app  
student\_02\_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/monolith (qwiklabs-gcp-03-8fd33f1a93c8)\$ gcloud run services list  
✓  
SERVICE: monolith  
REGION: us-central1  
URL: https://monolith-228585486112.us-central1.run.app  
LAST DEPLOYED BY: student-02-d0648a0e4ac1@qwiklabs.net  
LAST DEPLOYED AT: 2025-11-24T15:52:43.942600Z  
student\_02\_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/monolith (qwiklabs-gcp-03-8fd33f1a93c8)\$

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Dashboard | Catalog | Paths | Collections

Build a Website on Google Cloud > Deploy Your Website on Cloud Run

Contents | Deploy Your Website on Cloud Run | ⋮

Lab setup instructions and requirements

End Lab | 00:48:01

Caution: When you are in the console, do not deviate from the lab instructions. Doing so may cause your account to be blocked. Learn more.

Open Google Cloud Console

Username: student-02-d0648a0e4ac1e | Copy

Password: EfZIE611WJhP | Copy

Project ID: qwiklabs-gcp-03-8fd33f1e | Copy

## Task 4. Create new revision with lower concurrency

In this section you will deploy your application again, but this time adjusting one of the parameters.

By default, a Cloud Run application will have a concurrency value of 80, meaning that each container instance will serve up to 80 requests at a time. This is a big departure from the Functions-as-a-Service model, where one instance handles one request at a time.

- Run the following command to re-deploy the same container image with a concurrency value of 1 (just for testing), and see what happens:

```
gcloud run deploy monolith --image us-central1-docker.pkg.dev Copied!
```

- To see the details, from the **Navigation menu**, click on **Cloud Run**, then click on the **monolith** service:

< Previous | Next >

40/100 | Lab instructions and tasks | GSP659 | Overview | Setup and requirements | Task 1. Clone the source repository | Task 2. Create a Docker container with Cloud Build | Task 3. Deploy the container to Cloud Run | Task 4. Create new revision with lower concurrency | Task 5. Make changes to the website





Google Cloud qwiklabs-gcp-03-8fd33f1a93c8 Search (/) for resources, docs, products, and more Search

Cloud Run Service details Edit & deploy new revision Connect to repo Test Learn Refresh

Overview Services Jobs Worker pools Domain mappings

Revisions Manage traffic

Filter revisions

Name	Traffic	Deployed	Revision tags	Actions
monolith-00002-7nc	100% (to latest)	1 minute ago	+	⋮
monolith-00001-m6f	0%	3 minutes ago		⋮

Containers Volumes Networking Security YAML

### General

Billing Request-based  
Startup CPU boost Enabled  
Concurrency 1  
Request timeout 300 seconds  
Execution environment Default

Image us-central1-docker.pkg.dev/qwiklabs-gcp-03-8fd33f1a93c8...  
Port 8080  
Build (no build information available) ?  
Source (no source information available) ?  
Command and args (container entrypoint)  
CPU limit 1  
Memory limit 512MiB

### Environment variables (0)



CLOUD SHELL Terminal (qwiklabs-gcp-03-8fd33f1a93c8) x +

Open Editor

Don't show again Dismiss

```
Deploying new service...
Setting IAM Policy...done
Creating Revision...done
Routing traffic...done
Done.
Service [monolith] revision [monolith-00001-m6f] has been deployed and is serving 100 percent of traffic.
Service URL: https://monolith-228585486112.us-central1.run.app
student_02_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/monolith (qwiklabs-gcp-03-8fd33f1a93c8)$ gcloud run services list
✓
SERVICE: monolith
REGION: us-central1
URL: https://monolith-228585486112.us-central1.run.app
LAST DEPLOYED BY: student-02-d0648a0e4ac1@qwiklabs.net
LAST DEPLOYED AT: 2025-11-24T15:52:43.942600Z
student_02_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/monolith (qwiklabs-gcp-03-8fd33f1a93c8)$ gcloud run deploy monolith --image us-central1-docker.pkg.dev/${GOOGLE_CLOUD_PROJECT}/monolith-demo/monolith:1.0.0 --region us-central1 --concurrency 1
Deploying container to Cloud Run service [monolith] in project [qwiklabs-gcp-03-8fd33f1a93c8] region [us-central1]
Deploying...
  Creating Revision...done
  Routing traffic...done
Done.
Service [monolith] revision [monolith-00002-7nc] has been deployed and is serving 100 percent of traffic.
Service URL: https://monolith-228585486112.us-central1.run.app
student_02_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/monolith (qwiklabs-gcp-03-8fd33f1a93c8)$ gcloud run deploy monolith --image us-central1-docker.pkg.dev/${GOOGLE_CLOUD_PROJECT}/monolith-demo/monolith:1.0.0 --region us-central1 --concurrency 80
Deploying container to Cloud Run service [monolith] in project [qwiklabs-gcp-03-8fd33f1a93c8] region [us-central1]
Deploying...
  Creating Revision...done
  Routing traffic...done
Done.
Service [monolith] revision [monolith-00003-9h6] has been deployed and is serving 100 percent of traffic.
Service URL: https://monolith-228585486112.us-central1.run.app
student_02_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/monolith (qwiklabs-gcp-03-8fd33f1a93c8)$ cd ~/monolith-to-microservices/react-app/src/pages/Home
mv index.js new_index.js
student_02_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/react-app/src/pages/Home (qwiklabs-gcp-03-8fd33f1a93c8)$
```

Dashboard – qwiklabs-gcp-03-8fd33f1a93c8 x [A] Images for monolith-demo – Artifact | Build details – Cloud Build – qwiklabs | Revisions – monolith – Cloud Run – q +

https://console.cloud.google.com/home/dashboard?project=qwiklabs-gcp-03-8fd33f1a93c8&pli=1&cloudshell=true

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Google Cloud artifact

CLOUD SHELL Terminal (qwiklabs-gcp-03-8fd33f1a93c8) + Open Editor

Gemini CLI is available in Cloud Shell terminal! Type gemini to try it. [Learn more](#)

Service URL: <https://monolith-228585486112.us-central1.run.app>

```
student_02_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/monolith (qwiklabs-gcp-03-8fd33f1a93c8)$ cd ~/monolith-to-microservices/react-app/src/pages/Home
mv index.js.new index.js
student_02_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/react-app/src/pages/Home (qwiklabs-gcp-03-8fd33f1a93c8)$ cat ~/monolith-to-microservices/react-app/src/pages/Home/index.js
/*
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you may not use this file except in compliance with the License.
You may obtain a copy of the License at

    https://www.apache.org/licenses/LICENSE-2.0

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distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.
*/
import React from "react";
import { Box, Paper, Typography } from "@mui/material";

export default function Home() {
  return (
    <Box sx={{ flexGrow: 1 }}>
      <Paper elevation={3}>
        <sx={{ width: "800px", margin: "0 auto", padding: (theme) => theme.spacing(3, 2), }}>
          <Typography variant="h5">Fancy Fashion & Style Online</Typography>
          <br />
          <Typography variant="body1">
            Tired of mainstream fashion ideas, popular trends and societal norms?
            This line of lifestyle products will help you catch up with the Fancy
            trend and express your personal style. Start shopping Fancy items now!
          </Typography>
        </sx>
      </Paper>
    </Box>
  );
}
```

9+ 14°C Clear Search

ENG IN 09:28 PM 24-11-2025





Dashboard – qwiklabs-gcp-03-8fd33f1a93c8 x [A] Images for monolith-demo – Artifact | Build details – Cloud Build – qwiklabs | Revisions – monolith – Cloud Run – q +

https://console.cloud.google.com/home/dashboard?project=qwiklabs-gcp-03-8fd33f1a93c8&pli=1&cloudshell=true

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Google Cloud artifact

CLOUD SHELL Terminal (qwiklabs-gcp-03-8fd33f1a93c8) + Open Editor

Gemini CLI is available in Cloud Shell terminal! Type gemini to try it. [Learn more](#)

Copying files from ./build to ../monolith/public  
Copied ./build to ../monolith/public successfully!  
student\_02\_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/react-app (qwiklabs-gcp-03-8fd33f1a93c8)\$ cd ~/monolith-to-microservices/monolith  
gcloud builds submit --tag us-central1-docker.pkg.dev/\${GOOGLE\_CLOUD\_PROJECT}/monolith-demo/monolith:2.0.0  
Creating temporary archive of 27 file(s) totaling 2.4 MiB before compression.  
Uploading tarball of [...] to [gs://qwiklabs-gcp-03-8fd33f1a93c8\_cloudbuild/source/1763999989.707825-7d3bd91152c04f03b73aa120c976cf4.tgz]  
Created [https://cloudbuild.googleapis.com/v1/projects/qwiklabs-gcp-03-8fd33f1a93c8/locations/global/builds/d40086f6-1613-4c0d-a50b-140451caf2a9].  
Logs are available at [ https://console.cloud.google.com/cloud-build/builds/d40086f6-1613-4c0d-a50b-140451caf2a9?project=228585486112 ].  
Waiting for build to complete. Polling interval: 1 second(s).

REMOTE BUILD OUTPUT

starting build "d40086f6-1613-4c0d-a50b-140451caf2a9"

FETCHSOURCE  
Fetching storage object: gs://qwiklabs-gcp-03-8fd33f1a93c8\_cloudbuild/source/1763999989.707825-7d3bd91152c04f03b73aa120c976cf4.tgz#1763999993086914  
Copying gs://qwiklabs-gcp-03-8fd33f1a93c8\_cloudbuild/source/1763999989.707825-7d3bd91152c04f03b73aa120c976cf4.tgz#1763999993086914...  
/ [1 files] [ 1.4 MiB / 1.4 MiB]  
Operation completed over 1 objects/1.4 MiB.

BUILD  
Already have image (with digest): gcr.io/cloud-builders/gcb-internal  
Sending build context to Docker daemon 2.577MB  
Step 1/7 : FROM node:16  
16: Pulling from library/node  
311da6c465ea: Pulling fs layer  
7e9bf114588c: Pulling fs layer  
ffd9397e94b7: Pulling fs layer  
513d77925604: Pulling fs layer  
ae3b95bbaa61: Pulling fs layer  
0e421f66aff4: Pulling fs layer  
ca266fd61921: Pulling fs layer  
ee7d78be1eb9: Pulling fs layer  
ca266fd61921: Waiting  
ee7d78be1eb9: Waiting  
ae3b95bbaa61: Verifying Checksum  
ae3b95bbaa61: Download complete  
7e9bf114588c: Verifying Checksum  
7e9bf114588c: Download complete  
0e421f66aff4: Verifying Checksum  
0e421f66aff4: Download complete  
ca266fd61921: Verifying Checksum  
ca266fd61921: Download complete  
ee7d78be1eb9: Verifying Checksum

9+ 14°C Clear Search

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```
0e421f66aff4: Download complete
ca266fd61921: Verifying Checksum
ca266fd61921: Download complete
ee7d78be1eb9: Verifying Checksum
ee7d78be1eb9: Download complete
311da6c465ea: Verifying Checksum
311da6c465ea: Download complete
ffd9397e94b7: Verifying Checksum
ffd9397e94b7: Download complete
513d77925604: Verifying Checksum
513d77925604: Download complete
311da6c465ea: Pull complete
7e9bf114588c: Pull complete
ffd9397e94b7: Pull complete
513d77925604: Pull complete
ae3b95bbaa61: Pull complete
0e421f66aff4: Pull complete
ca266fd61921: Pull complete
ee7d78be1eb9: Pull complete
Digest: sha256:f77alaef2da8d83e45ec990f45df50f1a286c5fe8bbfb8c6e4246c6389705c0b
Status: Downloaded newer image for node:16
 1ddc7e4055fd
Step 2/7 : WORKDIR /usr/src/app
  Running in 045afb1d56eb
Removing intermediate container 045afb1d56eb
 745555eae6ac
Step 3/7 : COPY package*.json ./
  e5f0f97752d2
Step 4/7 : RUN npm install
  Running in 96ca67813676

added 68 packages, and audited 69 packages in 3s

14 packages are looking for funding
  run `npm fund` for details

5 vulnerabilities (3 low, 2 high)

To address all issues, run:
  npm audit fix
```

Dashboard – qwiklabs-gcp-03-8fd33f1a93c8 | Images for monolith-demo – Artifact | Build details – Cloud Build – qwiklabs | Revisions – monolith – Cloud Run – q | +

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Google Cloud artifact

CLOUD SHELL Terminal (qwiklabs-gcp-03-8fd33f1a93c8) +

Gemini CLI is available in Cloud Shell terminal! Type gemini to try it. [Learn more](#)

To address all issues, run:  
npm audit fix

Run `npm audit` for details.  
npm notice  
npm notice New major version of npm available! 8.19.4 → 11.6.3  
npm notice Changelog: <<https://github.com/npm/cli/releases/tag/v11.6.3>>  
npm notice Run `npm install -g npm@11.6.3` to update!  
npm notice  
Removing intermediate container 96ca67813676  
9084659990eb  
Step 5/7 : COPY ..  
679735fd5ef7  
Step 6/7 : EXPOSE 8080  
Running in 7d47e5794760  
Removing intermediate container 7d47e5794760  
19d900fbc976  
Step 7/7 : CMD [ "node", "src/server.js" ]  
Running in ff02461a37d7  
Removing intermediate container ff02461a37d7  
bc2b5c7b4026  
Successfully built bc2b5c7b4026  
Successfully tagged us-central1-docker.pkg.dev/qwiklabs-gcp-03-8fd33f1a93c8/monolith-demo/monolith:2.0.0  
PUSH  
Pushing us-central1-docker.pkg.dev/qwiklabs-gcp-03-8fd33f1a93c8/monolith-demo/monolith:2.0.0  
The push refers to repository [us-central1-docker.pkg.dev/qwiklabs-gcp-03-8fd33f1a93c8/monolith-demo/monolith]  
b2df5df98afc: Preparing  
56fb9875ad6d: Preparing  
c5b2dfade762: Preparing  
b2ec8ee96eb2: Preparing  
be322b479aee: Preparing  
d41bcd3a037b: Preparing  
fe0d845e767b: Preparing  
f25ec1d93a58: Preparing  
794ce8b1b516: Preparing  
3220beed9b06: Preparing  
684f82921421: Preparing  
9af5f53e8f62: Preparing  
684f82921421: Waiting  
9af5f53e8f62: Waiting

9+ 14°C Clear Search

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```
Successfully built bc2b5c7b4026
Successfully tagged us-central1-docker.pkg.dev/qwiklabs-gcp-03-8fd33f1a93c8/monolith-demo/monolith:2.0.0
PUSH
Pushing us-central1-docker.pkg.dev/qwiklabs-gcp-03-8fd33f1a93c8/monolith-demo/monolith:2.0.0
The push refers to repository [us-central1-docker.pkg.dev/qwiklabs-gcp-03-8fd33f1a93c8/monolith-demo/monolith]
b2df5df98afc: Preparing
56fb9875ad6d: Preparing
c5b2dfade762: Preparing
b2ec8ee96eb2: Preparing
be322b479aee: Preparing
d41bcd3a037b: Preparing
fe0d845e767b: Preparing
f25ec1d93a58: Preparing
794ce8b1b516: Preparing
3220beed9b06: Preparing
684f82921421: Preparing
9af5f53e8f62: Preparing
684f82921421: Waiting
9af5f53e8f62: Waiting
fe0d845e767b: Layer already exists
794ce8b1b516: Layer already exists
be322b479aee: Layer already exists
f25ec1d93a58: Layer already exists
d41bcd3a037b: Layer already exists
3220beed9b06: Layer already exists
9af5f53e8f62: Layer already exists
684f82921421: Layer already exists
c5b2dfade762: Pushed
b2ec8ee96eb2: Pushed
b2df5df98afc: Pushed
56fb9875ad6d: Pushed
2.0.0: digest: sha256:e607b6df5a3c0200c307e512110bb1ca25ce98cffd8236914230569f22e257ae size: 2841
```

```
ID: d40086f6-1613-4c0d-a50b-140451caf2a9  
CREATE_TIME: 2025-11-24T15:59:54+00:00  
DURATION: 39s  
SOURCE: gs://qwiklabs-gcp-03-8fd33f1a93c8_cloudbuild/source/1763999989.707825-7d3bd91152c04f03b73aa120c976cf4.tgz  
IMAGES: us-central1-docker.pkg.dev/qwiklabs-gcp-03-8fd33f1a93c8/monolith-demo/monolith:2.0.0  
STATUS: SUCCESS  
student 02 d0648a0e4ac1@cloudshell:~/monolith-to-microservices/monolith (qwiklabs-gcp-03-8fd33f1a93c8) $ █
```

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Google Cloud artifact

CLOUD SHELL Terminal (qwiklabs-gcp-03-8fd33f1a93c8) +

Gemini CLI is available in Cloud Shell terminal! Type gemini to try it. [Learn more](#)

Don't show again Dismiss

```
be322b479aee: Preparing
d41bcd3a037b: Preparing
fe0d845e767b: Preparing
f25ec1d93a58: Preparing
794ce8b1b516: Preparing
3220beed9b06: Preparing
684f82921421: Preparing
9af5f53e8f62: Preparing
684f82921421: Waiting
9af5f53e8f62: Waiting
fe0d845e767b: Layer already exists
794ce8b1b516: Layer already exists
be322b479aee: Layer already exists
f25ec1d93a58: Layer already exists
d41bcd3a037b: Layer already exists
3220beed9b06: Layer already exists
9af5f53e8f62: Layer already exists
684f82921421: Layer already exists
c5b2dfade762: Pushed
b2ec8ee96eb2: Pushed
b2df5df98afc: Pushed
56fb9875ad6d: Pushed
2.0.0: digest: sha256:e607b6df5a3c0200c307e512110bb1ca25ce98cffd8236914230569f22e257ae size: 2841
DONE

ID: d40086f6-1613-4c0d-a50b-140451caf2a9
CREATE_TIME: 2025-11-24T15:59:54+00:00
DURATION: 398
SOURCE: gs://qwiklabs-gcp-03-8fd33f1a93c8_cloudbuild/source/1763999989.707825-7d3bd91152c04f03b73aa120c976cfc4.tgz
IMAGES: us-central1-docker.pkg.dev/qwiklabs-gcp-03-8fd33f1a93c8/monolith-demo/monolith:2.0.0
STATUS: SUCCESS
student_02_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/monolith (qwiklabs-gcp-03-8fd33f1a93c8)$ gcloud run deploy monolith --image us-central1-docker.pkg.dev/${GOOGLE_CLOUD_PROJECT}/monolith-demo/monolith:2.0.0 --region us-central1
Deploying container to Cloud Run service [monolith] in project [qwiklabs-gcp-03-8fd33f1a93c8] region [us-central1]
Deploying...
Creating Revision...done
Routing traffic...done
Done.
Service [monolith] revision [monolith-00004-ksm] has been deployed and is serving 100 percent of traffic.
Service URL: https://monolith-228585486112.us-central1.run.app
student_02_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/monolith (qwiklabs-gcp-03-8fd33f1a93c8)$
```

Dashboard – qwiklabs-gcp-03-8fd33f1a93c8 x [A] Images for monolith-demo – Artifact | Build details – Cloud Build – qwiklabs | Revisions – monolith – Cloud Run – q +

https://console.cloud.google.com/home/dashboard?project=qwiklabs-gcp-03-8fd33f1a93c8&pli=1&cloudshell=true

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Google Cloud Artifact x Search

CLOUD SHELL Terminal (qwiklabs-gcp-03-8fd33f1a93c8) x + Open Editor

Gemini CLI is available in Cloud Shell terminal! Type gemini to try it. [Learn more](#)

DURATION: 398  
SOURCE: gs://qwiklabs-gcp-03-8fd33f1a93c8/\_cloudbuild/source/1763999989.707825-7d3bd91152c04f03b73aa120c976cfcc4.tgz  
IMAGES: us-central1-docker.pkg.dev/qwiklabs-gcp-03-8fd33f1a93c8/monolith-demo/monolith:2.0.0  
STATUS: SUCCESS  
student\_02\_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/monolith (qwiklabs-gcp-03-8fd33f1a93c8)\$ gcloud run deploy monolith --image us-central1-docker.pkg.dev/\${GOOGLE\_CLOUD\_PROJECT}/monolith-demo/monolith:2.0.0 --region us-central1  
Deploying container to Cloud Run service [monolith] in project [qwiklabs-gcp-03-8fd33f1a93c8] region [us-central1]  
Deploying...  
Creating Revision...done  
Routing traffic...done  
Done.  
Service [monolith] revision [monolith-00004-ksm] has been deployed and is serving 100 percent of traffic.  
Service URL: https://monolith-228585486112.us-central1.run.app  
student\_02\_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/monolith (qwiklabs-gcp-03-8fd33f1a93c8)\$ gcloud run services describe monolith --platform managed --region us-central1  
✓ Service monolith in region us-central1  
  
URL: https://monolith-228585486112.us-central1.run.app  
Ingress: all  
Traffic:  
100% LATEST (currently monolith-00004-ksm)  
  
Scaling: Auto (Min: 0, Max: 3)  
  
Last updated on 2025-11-24T16:02:05.398835Z by student-02-d0648a0e4ac1@qwiklabs.net:  
Revision monolith-00004-ksm  
Container None  
Image: us-central1-docker.pkg.dev/qwiklabs-gcp-03-8fd33f1a93c8/monolith-demo/monolith:2.0.0  
Port: 8080  
Memory: 512Mi  
CPU: 1000m  
Startup Probe:  
TCP every 240s  
Port: 8080  
Initial delay: 0s  
Timeout: 240s  
Failure threshold: 1  
Type: Default  
Service account: 228585486112-compute@developer.gserviceaccount.com  
Concurrency: 80  
Timeout: 300s  
student\_02\_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/monolith (qwiklabs-gcp-03-8fd33f1a93c8)\$

9+ 14°C Clear Search

ENG IN 09:32 PM 24-11-2025

CLOUD SHELL

Terminal (qwiklabs-gcp-03-8fd33f1a93c8) x +

Open Editor | ⚙️ | 📈 | 🛡️ | 🌐

**i** Gemini CLI is available in Cloud Shell terminal! Type gemini to try it. [Learn more](#)

```
Deploying...
Creating Revision...done
Routing traffic...done
Done.
Service [monolith] revision [monolith-00004-ksm] has been deployed and is serving 100 percent of traffic.
Service URL: https://monolith-228585486112.us-central1.run.app
student_02_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/monolith (qwiklabs-gcp-03-8fd33f1a93c8)$ gcloud run services describe monolith --platform managed --region us-central1
✓ Service monolith in region us-central1

URL: https://monolith-228585486112.us-central1.run.app
Ingress: all
Traffic:
 100% LATEST (currently monolith-00004-ksm)

Scaling: Auto (Min: 0, Max: 3)

Last updated on 2025-11-24T16:02:05.398835Z by student-02-d0648a0e4ac1@qwiklabs.net:
  Revision monolith-00004-ksm
  Container None
    Image: us-central1-docker.pkg.dev/qwiklabs-gcp-03-8fd33f1a93c8/monolith-demo/monolith:2.0.0
    Port: 8080
    Memory: 512Mi
    CPU: 1000m
  Startup Probe:
    TCP every 240s
    Port: 8080
    Initial delay: 0s
    Timeout: 240s
    Failure threshold: 1
    Type: Default
  Service account: 228585486112-compute@developer.gserviceaccount.com
  Concurrency: 80
  Timeout: 300s
student_02_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/monolith (qwiklabs-gcp-03-8fd33f1a93c8)$ gcloud beta run services list
✓
SERVICE: monolith
REGION: us-central1
URL: https://monolith-228585486112.us-central1.run.app
LAST DEPLOYED BY: student-02-d0648a0e4ac1@qwiklabs.net
LAST DEPLOYED AT: 2025-11-24T16:02:05.398835Z
student_02_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/monolith (qwiklabs-gcp-03-8fd33f1a93c8)$
```

Dashboard – qwiklabs-gcp-03-8fd33f1a93c8 x Fancy Store Images for monolith-demo – Artifact Build details – Cloud Build – qwiklabs Revisions – monolith – Cloud Run – +

https://console.cloud.google.com/home/dashboard?project=qwiklabs-gcp-03-8fd33f1a93c8&pli=1&cloudshell=true

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Google Cloud artifact x Search

CLOUD SHELL Terminal (qwiklabs-gcp-03-8fd33f1a93c8) + Open Editor

Gemini CLI is available in Cloud Shell terminal! Type gemini to try it. [Learn more](#)

Don't show again Dismiss

```
Deploying...
Creating Revision...done
Routing traffic...done
Done.
Service [monolith] revision [monolith-00004-ksm] has been deployed and is serving 100 percent of traffic.
Service URL: https://monolith-228585486112.us-central1.run.app
student_02_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/monolith (qwiklabs-gcp-03-8fd33f1a93c8)$ gcloud run services describe monolith --platform managed --region us-central1
✓ Service monolith in region us-central1

URL: https://monolith-228585486112.us-central1.run.app
Ingress: all
Traffic:
  100% LATEST (currently monolith-00004-ksm)

Scaling: Auto (Min: 0, Max: 3)

Last updated on 2025-11-24T16:02:05.398835Z by student-02-d0648a0e4ac1@qwiklabs.net:
Revision monolith-00004-ksm
Container None
  Image:      us-central1-docker.pkg.dev/qwiklabs-gcp-03-8fd33f1a93c8/monolith-demo/monolith:2.0.0
  Port:       8080
  Memory:    512Mi
  CPU:        1000m
Startup Probe:
  TCP every 240s
  Port:       8080
  Initial delay: 0s
  Timeout:    240s
  Failure threshold: 1
  Type:        Default
Service account: 228585486112-compute@developer.gserviceaccount.com
Concurrency: 80
Timeout: 300s
student_02_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/monolith (qwiklabs-gcp-03-8fd33f1a93c8)$ gcloud beta run services list
✓
SERVICE: monolith
REGION: us-central1
URL: https://monolith-228585486112.us-central1.run.app
LAST DEPLOYED BY: student-02-d0648a0e4ac1@qwiklabs.net
LAST DEPLOYED AT: 2025-11-24T16:02:05.398835Z
student_02_d0648a0e4ac1@cloudshell:~/monolith-to-microservices/monolith (qwiklabs-gcp-03-8fd33f1a93c8)$
```

9+ 14°C Clear Search

ENG IN 09:33 PM 24-11-2025

Dashboard – qwiklabs-gcp-03-8fd... | Fancy Store | Digests for monolith – Artifact Re... | Build details – Cloud Build – qwiklabs | Revisions – monolith – Cloud Run – q | +

https://console.cloud.google.com/artifacts/docker/qwiklabs-gcp-03-8fd33f1a93c8/us-central1/monolith-demo/monolith?cloudshell=true&pr...

Free AI Paraphrasin... Transcript of Case St... GCP-LAB Hydra

Google Cloud qwiklabs-gcp-03-8fd33f1a93c8 Search (/) for resources, docs, products, and more Search

Artifact Registry / Project: qwiklabs-gcp-03-8fd33f1a93c8 / Location: us-central1 / Repository: monolith-demo / Package: monolith

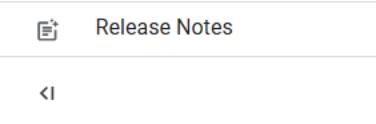
Repositories ← Digests for monolith Delete Setup instructions Copy path Refresh

Settings

Versions Files

Hide OCI alternative artifacts Filter Enter property name or value

<input type="checkbox"/>	Name	Description	Tags	Created	Updated	Virtual size	Vulnerabilities
<input type="checkbox"/>	<a href="#">e607b6df5a3c</a>	–	2.0.0	4 minutes ago	4 minutes ago	336.1 MB	<span>⚠️ 447</span>
<input type="checkbox"/>	<a href="#">25aefac26815</a>	–	1.0.0	15 minutes ago	15 minutes ago	336.1 MB	<u>Never scanned</u>



9+ 14°C Clear



Search



ENG  
IN



09:35 PM  
24-11-2025



https://console.cloud.google.com/cloud-build/builds;region=global/d40086f6-1613-4c0d-a50b-140451caf2a9;tab=detail?project=qwiklabs-g... | 1

Free AI Paraphrasin... Transcript of Case St... GCP-LAB Hydra

Google Cloud qwiklabs-gcp-03-8fd33f1a93c8 Search (/) for resources, docs, products, and more Search

Cloud Build / History / Build details: d40086f6-1613-4c0d-a50b-140451caf2a9

Dashboard History Repositories Triggers Worker Pools Permissions

Build details

Successful: d40086f6-1613-4c0d-a50b-140451caf2a9  
Started on Nov 24, 2025, 9:29:55 PM

Source: [gs://qwiklabs-gcp-03-8fd33f1a93c8\\_cloudbuild/source/1763999989.707825-7d3bd91152c04f03b73aa120c976fc4.tgz](gs://qwiklabs-gcp-03-8fd33f1a93c8_cloudbuild/source/1763999989.707825-7d3bd91152c04f03b73aa120c976fc4.tgz)

Steps	Duration
Build Summary	00:00:39
0: gcr.io/cloud-builders/gcb-internal docker build --network cloudbuild --no-cache -t us-centra...	00:00:28

Build Summary

Build log Execution details Build artifacts

Build id	d40086f6-1613-4c0d-a50b-140451caf2a9
Status	Successful
Region	global
Timing	
Created	November 24, 2025 at 9:29:54 PM UTC+5:30
Started	November 24, 2025 at 9:29:55 PM UTC+5:30
Finished	November 24, 2025 at 9:30:34 PM UTC+5:30
Queued time	0 sec
Total build time	39 sec
Fetch source	2 sec
Build step(s)	29 sec
Push	3 sec
Timeout	1 hr
Source	<a href="gs://qwiklabs-gcp-03-8fd33f1a93c8_cloudbuild/source/1763999989.707825-7d3bd91152c04f03b73aa120c976fc4.tgz">gs://qwiklabs-gcp-03-8fd33f1a93c8_cloudbuild/source/1763999989.707825-7d3bd91152c04f03b73aa120c976fc4.tgz</a>
Image	<a href="#">us-central1-docker.pkg.dev/qwiklabs-gcp-03-8fd33f1a93c8/monolith-demo/monolith:2.0.0</a>
Service Account	228585486112-compute@developer.gserviceaccount.com
Built-in substitutions	
BUILD_ID	d40086f6-1613-4c0d-a50b-140451caf2a9
LOCATION	global
PROJECT_ID	qwiklabs-gcp-03-8fd33f1a93c8
PROJECT_NUMBER	228585486112

Release Notes





# Fancy Store

Home Products Orders

## Fancy Fashion & Style Online

Tired of mainstream fashion ideas, popular trends and societal norms? This line of lifestyle products will help you catch up with the Fancy trend and express your personal style. Start shopping Fancy items now!



# Fancy Store

Home Products Orders



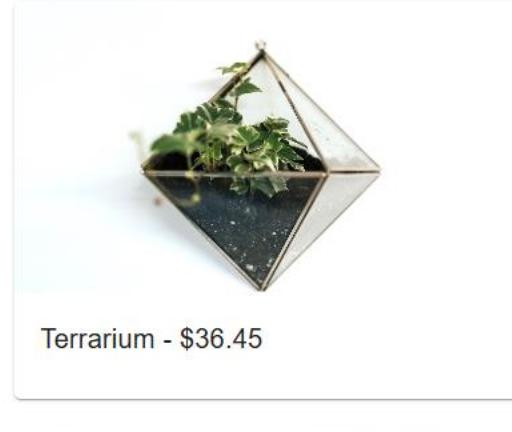
Vintage Typewriter - \$67.99



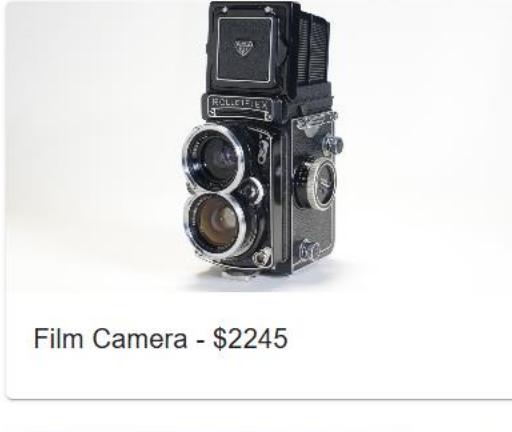
Vintage Camera Lens - \$12.49



Home Barista Kit - \$124



Terrarium - \$36.45



Film Camera - \$2245



Vintage Record Player - \$65.5







## Fancy Store

Home

## Products

## Orders

## Orders

Order Id	Date	Total Items	Cost
ORD-000001	7/01/2019	1	\$67.99
ORD-000002	7/24/2019	1	\$124
ORD-000003	8/03/2019	1	\$12.49
ORD-000004	8/14/2019	2	\$89.83
ORD-000005	8/29/2019	1	\$12.3