Get Started with Cloud Storage: Challenge Lab | Google Cloud Skills Boost

Qwiklabs : 4-5 minutes

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Overview

In a challenge lab you're given a scenario and a set of tasks. Instead of following step-by-step instructions, you will use the skills learned from the labs in the quest to figure out how to complete the tasks on your own! An automated scoring system (shown on this page) will provide feedback on whether you have completed your tasks correctly.

When you take a challenge lab, you will not be taught new Google Cloud concepts. You are expected to extend your learned skills, like changing default values and reading and researching error messages to fix your own mistakes.

To score 100% you must successfully complete all tasks within the time period!

Setup

Before you click the Start Lab button

Read these instructions. Labs are timed and you cannot pause them. The timer, which starts when you click **Start Lab**, shows how long Google Cloud resources will be made available to you.

This hands-on lab lets you do the lab activities yourself in a real cloud environment, not in a simulation or demo environment. It does so by giving you new, temporary credentials that you use to sign in and access Google Cloud for the duration of the lab.

To complete this lab, you need:

- Access to a standard internet browser (Chrome browser recommended).

Note: Use an Incognito or private browser window to run this lab. This prevents any conflicts between your personal account and the Student account, which may cause extra charges incurred to your personal account.

- Time to complete the lab---remember, once you start, you cannot pause a lab.

Note: If you already have your own personal Google Cloud account or project, do not use it for this lab to avoid extra charges to your account.

Set the region

Set the project region for this lab:

```
gcloud config set compute/region {{{project_0.default_region | "REGION"}}}
```

Challenge scenario

You are just starting your junior cloud architect role. So far you have been helping teams create and manage Cloud Storage buckets.

You are expected to have the skills and knowledge for these tasks.

Challenge scenario

You are asked to help a newly formed development team with some of their initial work on a new project by creating a storage bucket, developing a retention policy for the bucket, adding objects to the bucket and making them accessible.

Task 1. Create a bucket

Click *Check my progress* to verify the objective. Create a bucket

Task 2. Create a retention policy

Now add a retention policy of 30 seconds to the bucket.

Click *Check my progress* to verify the objective. Create a retention policy

Task 3. Add a file to the bucket

Add an object to the bucket and grant all users read permission for the object stored in your bucket, which will make it publicly available.

Click *Check my progress* to verify the objective. Add a public object to the bucket

Congratulations!

You have completed the Challenge! Congratulations!!

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Manual Last Updated May 02, 2023

Lab Last Tested May 01, 2023