Creating a Cloud SQL Instance in Google Cloud

Introduction

Learning about the database offerings in GCP is a required skill for an architect, developer, and so on. In this hands-on lab, we will take a look at GCP's relational database offering, Cloud SQL.

Solution

Create a Cloud SQL Instance

1. From Google Cloud console's main navigation, choose **SQL**.
2. Click **Create Instance**, and then click **Choose MySQL**.
3. Give your instance a name such as **test-instance**, and set the root password to **acloudguru**.
4. Under *Database version*, click the **MySQL 5.7** engine for the instance.
5. Under *Choose a Cloud SQL edition*, choose **Enterprise**.
6. Under *Choose a preset for this edition. Presets can be customized later as needed.*, choose **Sandbox**.
7. For *Zone*, choose **us-central1 (Iowa)**.
8. Expand the **Show configuration options** menu.
9. Expand **Machine configuration**.
10. Under *Machine shapes*, select **Shared core** from the dropdown menu.
11. Scroll down and expand **Labels** menu.
12. Click on **Add a Label**.
13. Set *Key* to **name** and *Value* to **Test**, and click **Done**.
14. Click **Create Instance**.

Note: It may take up to 5 minutes for the instance to be created.

Conclusion

Congratulations — you've completed this hands-on lab!