Creating and Configuring a Compute Engine Instance

Introduction

General purpose instances are widely used in the GCP environment! Understanding how to create and configure an instance is a pretty important task. In this hands-on lab, we will create and configure a general-purpose instance.

Scenario

You have been tasked with creating an instance for your team's workload. They would like for this instance to be in the Iowa region, available to be connected over HTTP and HTTPS protocols, and use a general-purpose instance. They want to go the cheapest route and save the most money possible.

Note: Instead of using a Compute machine instance in the lab, please use a General-purpose E2 series, **e2-medium** (2 vCPU, 4 GB memory) machine configuration.

Connect to the Lab

Create the General Purpose Instance

1. In the left-hand pane, click **Compute Engine**.
2. Click **Create instance**.
3. Enter a *Name* of `test-instance` in the box provided.
4. Make sure the *Region* is set to `us-central1 (Iowa)`. If it is not, use the combo box to select that value.
5. Under *Machine family*, select **General-purpose**.
6. Ensure the *Series* is set to **E2**. If it is not, use the combo box to select that value.
7. Use the *Machine type* combo box to select **e2-medium (2vCPU, 4 GB memory)**.
8. Under *Firewall*, select both the checkboxes for **Allow HTTP traffic** and **Allow HTTPS traffic**.
9. Click **Create**.
10. Once the instance has been created, verify the details for the instance.

Conclusion

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