Go to Dashboard

LAB 1.2 Guide - Kubernetes on Google Kubernetes Engine (GKE)

Section 5, Lecture 21

For our purposes, any Kubernetes system should work to run Istio. If you have access to Google Cloud Platform, these instructions will run you through the steps to set up a system with Google Kubernetes Engine.

Deploying a Kubernetes cluster on Google Cloud:

In this lab, you'll see how to deploy Kubernetes on a public cloud system, in this case, Google Cloud Platform. If you do not already have access to GCP, first time users can sign up for a one year trial to GCP that comes with $300 worth of credit.

Requirements

- Google account

- Access to Google Cloud Console (https://console.cloud.google.com)

- Active project in Google Cloud (free)

- Billing setup on your Google Cloud project (can use free trial $300 credit as well)

Optional Additions

- Google Cloud SDK installed: https://cloud.google.com/sdk/docs/quickstarts

- Git installed: https://git-scm.com/downloads

- Docker CE installed: https://docs.docker.com/engine/installation/

Getting started

Login to Google Cloud Console, choose an active project and you should see