

The goal of this assignment is to assist the candidate with knowledge and self learning of cloud concepts.

1. Create a free GCP account.
2. Create a GKE cluster using Terraform with the following specifications:
 - a. The cluster should be deployed as multi zonal (regional)
 - b. number of nodes: 3
 - c. Install Airflow using the [official helm chart](#) and Terraform [Helm Provider](#)
3. Save all files to / code in GitHub repo as public

Bonus:

Create a Compute Engine Instance Template with the following system specifications:

1. Machine family: c2-standard-8
2. OS: CentOS 7
3. Boot Disk: SSD persistent disk (200GB)
4. Startup script: a bash script that updates the OS and installs MySQL server
(`yum install mysql-server`)
5. Create one server using the template via Ansible.