



Module 2: Deployment on GCP

Assignment - 1

Tasks To Be Performed:

Do the following tasks in Kubernetes:

1. Create a GKE Cluster.
2. Deploy Nginx container on GKE and expose it to the internet.

Do the following tasks using App Engine:

1. Deploy a nodejs application on App Engine standard using gcloud (use default application mentioned in the gcp tutorial).
2. Deploy the above version as ver-1.
3. Change the content of html to "Hello world from IntelliPaat".
4. Deploy the above as ver-2.
5. Browse both ver-1 and ver-2 using the URL.
6. Finally deploy a test instance, and load test on your instance with 5000 requests (do this using apache-utils).
7. Take a screenshot of the scaling.