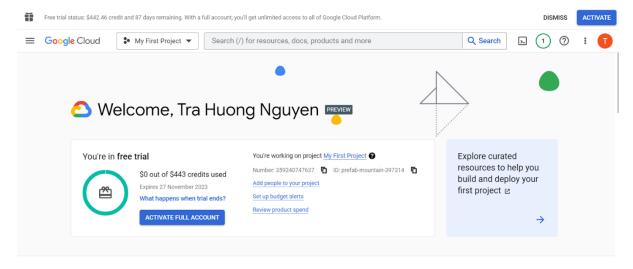
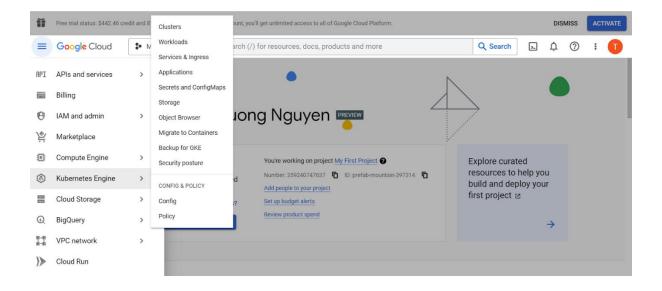
ISEC6000 Secure DevOps Assignment 1

Task 1:: Set Up Initial Infrastructure

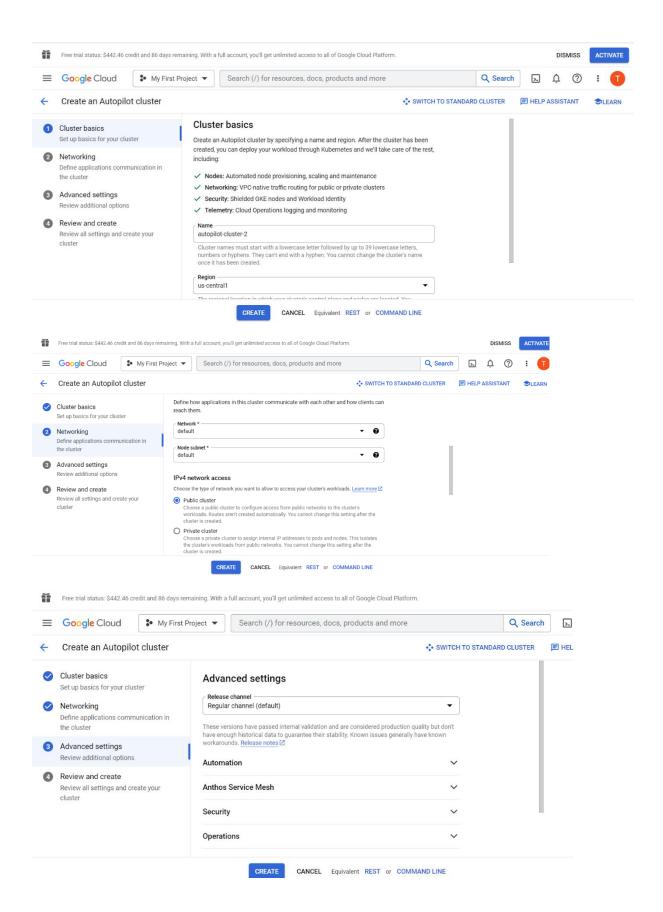
- 1. Create a Kubernetes Cluster on GKE
 - a. Log in to the Google Cloud Console.



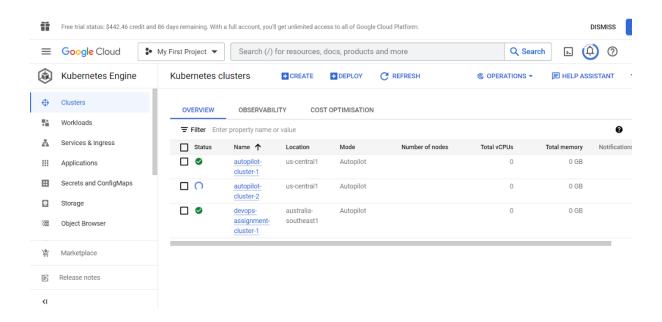
b. Create cluster on the Kubernetes Engine section



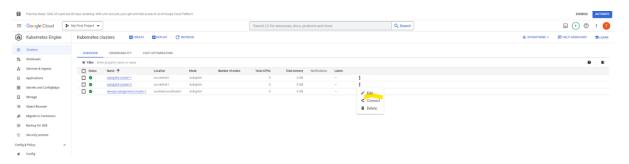
c. Configure cluster settings



d. Create GKE cluster.



- 2. Install and configure kubectl to manage the Kubernetes cluster.
 - a. Connect to the cluster



b. Authenticate kubectl with the GKE cluster

```
Welcome to Cloud Shell: Type "help" to get tearted.
Tour Cloud Platform project in this session is set to prefab-mountain-397314.
Tag 'galoud config set project [PROJECT_ID]" to change to a different project.
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Trahuong27118cloudshell:- (prefab-mountain-397314)$ galoud container clusters get-credentials autopilot-cluster-2 --region us-centrall --project prefab-mountain-397314]

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```

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Your Cloud Flatform project in this session is set to prefab-mountain-397314.

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trahuong2711@cloudshell:- (prefab-mountain-397314)\$ gcloud container clusters get-credentials autopilot-cluster-2 --region us-centrall --project prefab-mountain-397314

Fetching cluster endpoint and auth data.

kubeconfig entry generated for autopilot-cluster-2.

trahuong2711@cloudshell:- (prefab-mountain-397314)\$ []

- 3. Set up a private GitHub repository to store the project files.
 - a. Create a Github repository

