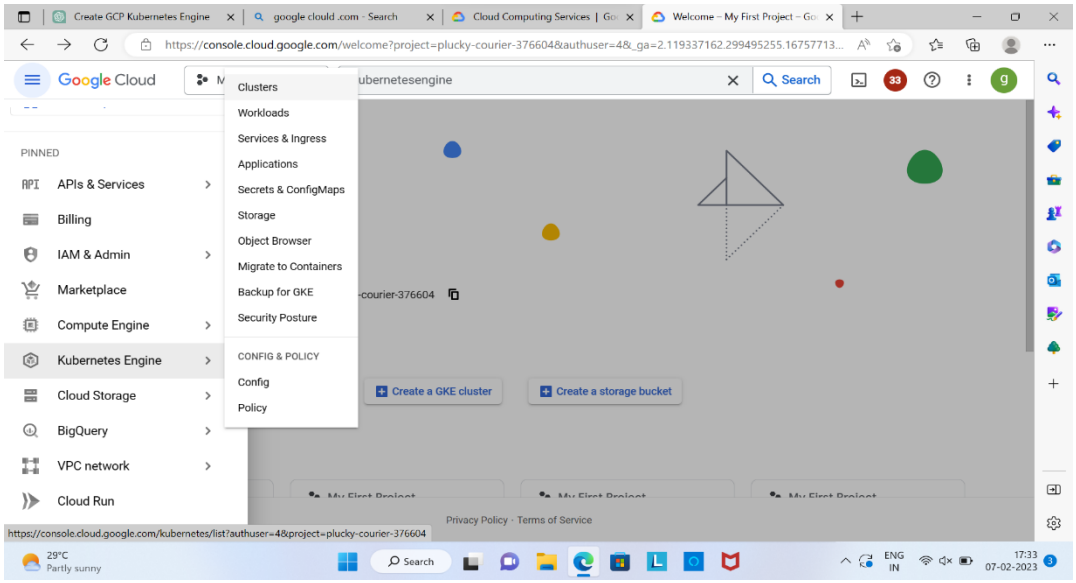
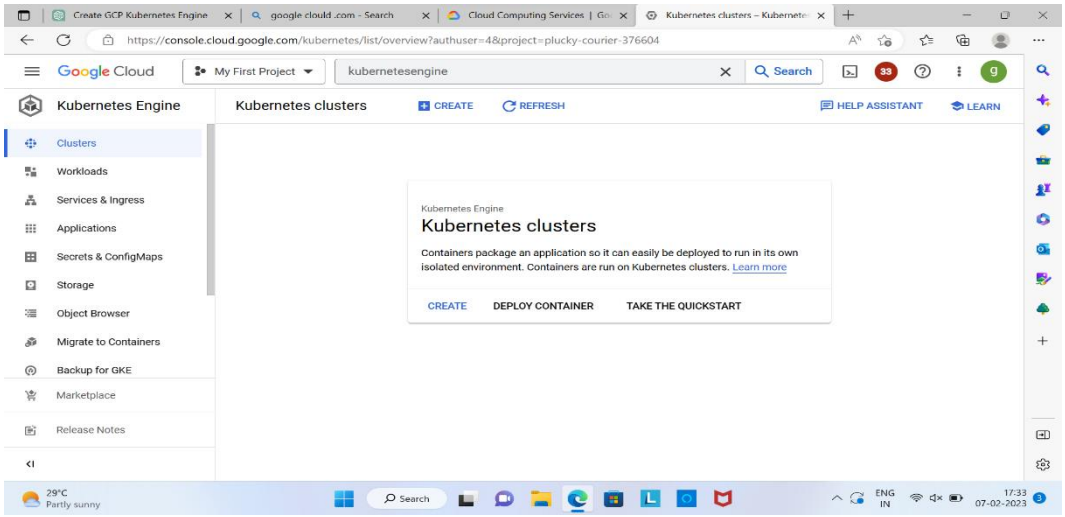
Steps to create a Kubernetes Engine cluster in GCP (Google Cloud Platform):

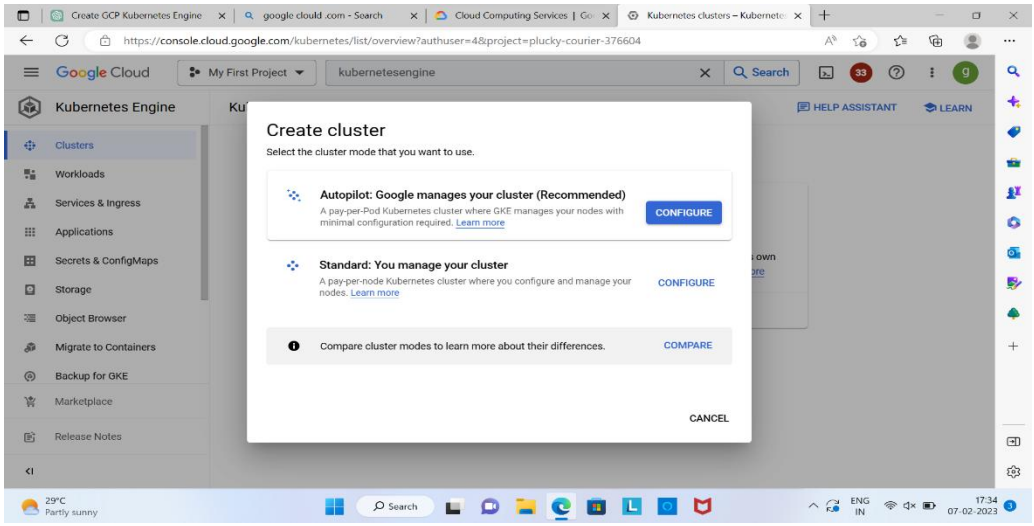
1. Log in to the google cloud console(console.cloud.google.com) with your google account.

2. Go to the Kubernetes Engine dashboard by clicking on the hamburger menu in the top left corner and selecting "**Kubernetes Engine**" under "kubernetes" and go **to Clusters**.

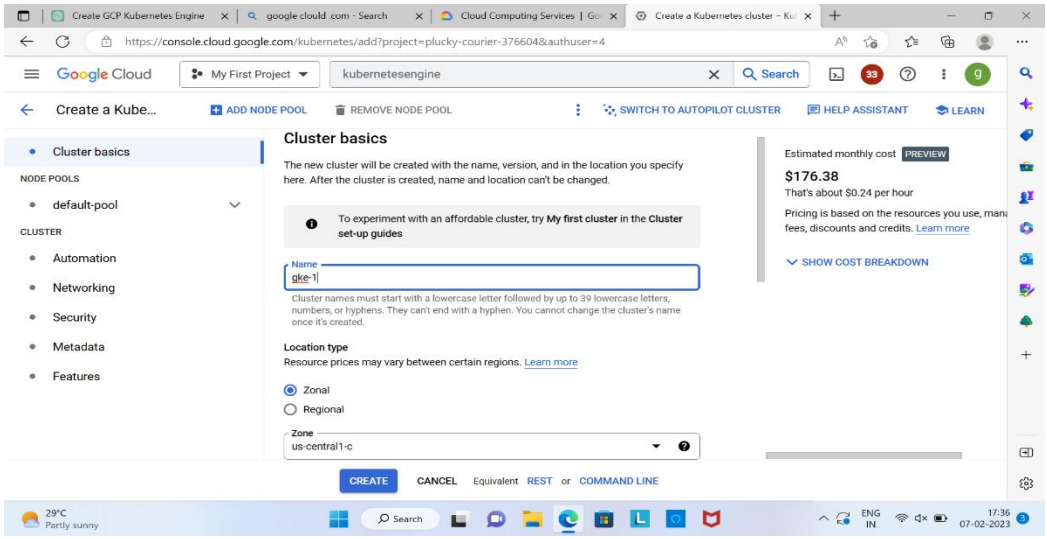


3. Click on **create** Cluster.

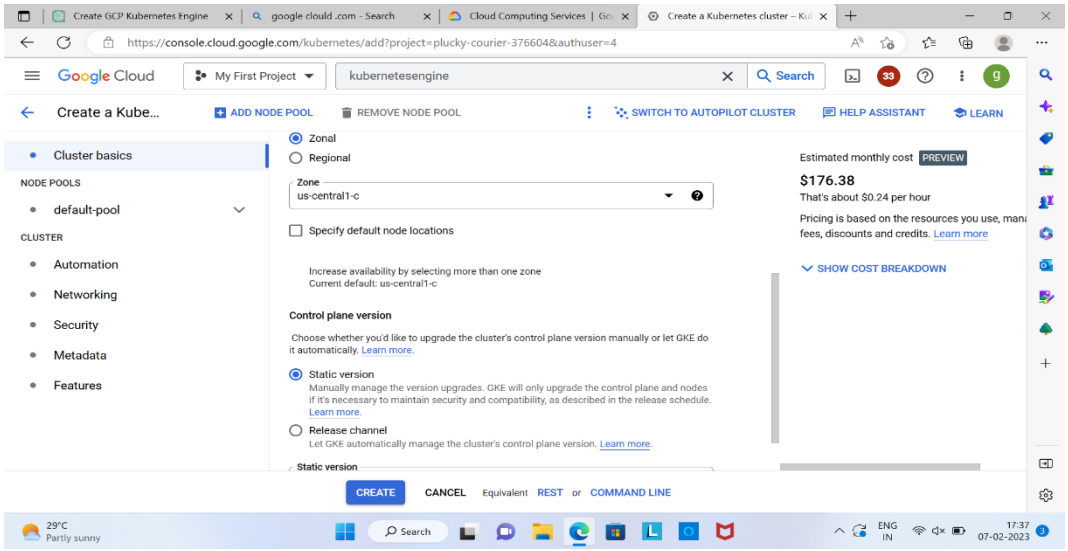




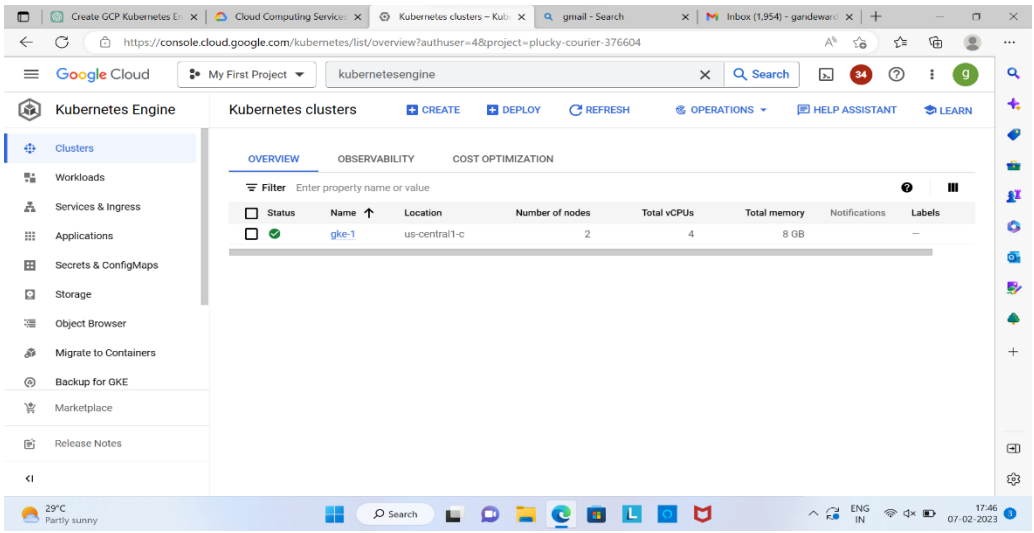
4. Fill in the following information:
    - Cluster name: choose a unique name for your cluster.
    - Zone: select the geographic region where you want your cluster to run.



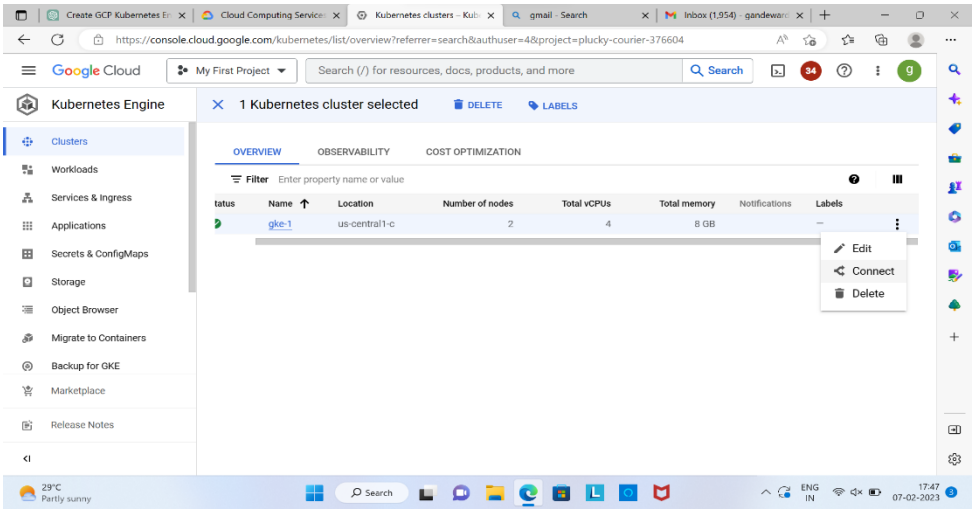
- Select the Control panel version as **Static version.**

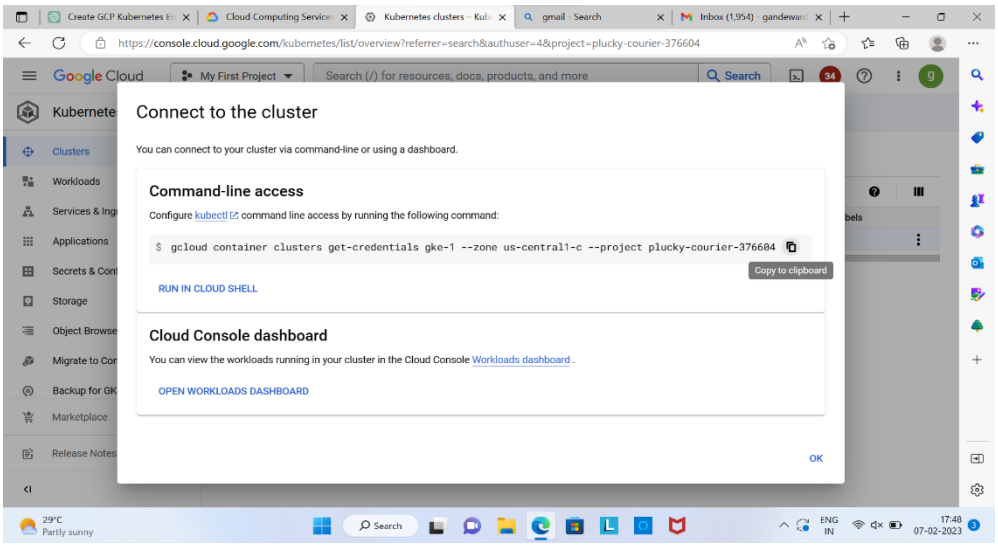


5. Click on **Create button.** Wait for your cluster to be created, which may take several minutes.



6. When the cluster is created, click on the connect button and then on " **Run in cloud shell** " to open a terminal window in the google cloud console.


Kubernetes Engine
1 Kubernetes cluster selected
DELETE
LABELS
Clusters
Workloads
Services & Ingress
Applications
Secrets & ConfigMaps
Storage
Object Browser
Migrate to Containers
Backup for GKE
Marketplace
Release Notes
OVERVIEW
OBSERVABILITY
COST OPTIMIZATION
Filter
Enter property name or value
Name
Location
Number of nodes
Total vCPUs
Total memory
Notifications
Labels
gke-1
us-central1-c
2
4
8 GB
Edit
Connect
Delete


Connect to the cluster
You can connect to your cluster via command-line or using a dashboard.
Command-line access
Configure kubectl command line access by running the following command:
$ gcloud container clusters get-credentials gke-1 --zone us-central1-c --project plucky-courier-376604
Copy to clipboard
RUN IN CLOUD SHELL
Cloud Console dashboard
You can view the workloads running in your cluster in the Cloud Console Workloads dashboard .
OPEN WORKLOADS DASHBOARD
OK