



Google Cloud

◆ CLI Configuration:

```
gcloud init
```

- ▶ Init, authorize, & configure cloud CLI

```
gcloud config set
```

- ▶ Define a property & set its value

```
gcloud config get
```

- ▶ Fetch the value of a given property

```
gcloud config configurations create
```

- ▶ Create a new named configuration

```
gcloud config configurations activate
```

- ▶ Switch between named configurations

◆ Authorization & Credentials:

```
gcloud auth login
```

- ▶ Authorize Google Cloud access with Google Cloud user credentials.



◆ Authorization & Credentials:

```
scloud auth activate-service-account
```

- ▶ Authorize access with service account credentials

```
gcloud auth application-default
```

- ▶ Manage application default credentials

```
gcloud auth list
```

- ▶ List all credentialed accounts

◆ IAM:

```
gcloud iam list-gratable-roles
```

- ▶ List grantable IAM roles for a resource

```
gcloud iam service-accounts create
```

- ▶ Create a service account for a project

◆ Docker & Google Kubernetes Engine (GKE):

```
gcloud auth configure-docker
```

- ▶ Register the gcloud CLI as a Docker credential helper



◆ Docker & Google Kubernetes Engine (GKE):

```
gcloud container clusters list
```

- ▶ List clusters for running GKE containers

```
gcloud container clusters get-credentials
```

- ▶ Update kubeconfig to get kubectl to use a GKE cluster

◆ Virtual Machines & Compute Engine:

```
gcloud compute disks snapshot
```

- ▶ Create snapshots of persistent disks

```
gcloud compute ssh
```

- ▶ Connect to a VM by using SSH

◆ Cloud Run:

```
gcloud run deploy
```

- ▶ Deploy cloud run containers

```
gcloud run services list
```

- ▶ List deployed services



◆ Cloud Run:

```
gcloud run services proxy
```

- ▶ Proxy a service to localhost authenticating as the active service account or with a specified token

```
gcloud run services update
```

- ▶ Update Cloud Run environment variables or other config settings

```
gcloud run services delete
```

- ▶ Delete a service

