

Module 2: Managing GCP

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Answer :

Frank seems handling multinational company production, so it must be more confidential and must need large processing but GCP helps him to simplify the task.

Step -1 : installing google cloud SDK



Install from official google cloud SDK site

Step – 2 config sdk to user acc

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Google Cloud SDK Shell - gcloud init
Welcome to the Google Cloud SDK! Run "gcloud -h" to get the list of available commands.
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D:\GCP>gcloud init
Welcome! This command will take you through the configuration of gcloud.

Settings from your current configuration [default] are:
accessibility:
  screen_reader: 'False'
core:
  account: yogibca62@gmail.com
  disable_usage_reporting: 'True'
  project: oceanic-glazing-299902

Pick configuration to use:
[1] Re-initialize this configuration [default] with new settings
[2] Create a new configuration
Please enter your numeric choice:
```

Here user can create a new configuration for setup account and project (since It automatically logged in to user's account if user use one account)

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Google Cloud SDK Shell - gcloud init
Pick configuration to use:
[1] Re-initialize this configuration [default] with new settings
[2] Create a new configuration
Please enter your numeric choice: 1

Your current configuration has been set to: [default]

You can skip diagnostics next time by using the following flag:
  gcloud init --skip-diagnostics

Network diagnostic detects and fixes local network connection issues.
Checking network connection...done.
Reachability Check passed.
Network diagnostic passed (1/1 checks passed).

Choose the account you would like to use to perform operations for
this configuration:
[1] yogibca62@gmail.com
[2] Log in with a new account
Please enter your numeric choice: 1
Please enter a value between 1 and 2: 1

You are logged in as: [yogibca62@gmail.com].

Pick cloud project to use:
[1] oceanic-glazing-299902
[2] Create a new project
Please enter numeric choice or text value (must exactly match list
item):
```

Step – 3 access project

Now user can find the project by name that already created in gcp console and user can also set project by command following

gcloud config set project [project_name]

step – 4 Accessing bucket

- user can use command call **gsutil mb gs://gcp-myfile-bucket** to create new bucket
- to download from bucket user can use **gsutil cp gs://gcp-myfile-bucket/animal.png Desktop**
- to delete from bucket user can use **gsutil rm gs://gcp-myfile-bucket/animal.png**
- to delete the entire bucket user can use **gsutil rm -r gs://gcp-myfile-bucket**