

GCP Basic

Check version & settings	gcloud version, gcloud info, gcloud components list
Init profile	gcloud init
List all zones	gcloud compute zones list

Buckets

List all buckets and files	gsutil ls, gsutil ls -lh gs://<bucket-name>
Download file	gsutil cp gs://<bucket-name>/<dir-path>/package-1.1.tgz .
Upload file	gsutil cp <filename> gs://<bucket-name>/<directory>/
Cat file	gsutil cat gs://<bucket-name>/<filepath>/
Delete file	gsutil rm gs://<bucket-name>/<filepath>
Move file	gsutil mv <src-filepath> gs://<bucket-name>/<directory>/<dest-filepath>
Copy Folder	gsutil cp -r ./conf gs://<bucket-name>/
Show disk usage	gsutil du -h gs://<bucket-name>/<directory>
Create bucket	gsutil mb gs://<bucket-name>

Commands to interact with GCP storage buckets and objects

Bucket Security

Make all files readable	gsutil -m acl set -R -a public-read gs://<bucket-name>/
Config auth	gsutil config -a
Grant bucket access	gsutil iam ch user:test@gmail.com:objectCreator,objectViewer gs://<bucket-name>/
Remove bucket access	gsutil iam ch -d user:test@gmail.com:objectCreator,objectViewer gs://<bucket-name>/

GCP Project

List projects	gcloud config list project
Show project info	gcloud compute project-info describe
Switch project	gcloud config set project <project-id>

Commands for interacting with GCP projects

GKE

Display list of credentialed accounts	gcloud auth list
Set active account	gcloud config set account <ACCOUNT>
Set kubectl context	gcloud container clusters get-credentials <cluster-name>
Change region	gcloud config set compute/region us-west
Change zone	gcloud config set compute/zone us-west1-b

List all container clusters

Commands for interacting with Google Kubernetes Engine



By kiecan
cheatography.com/kiecan/

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