

### 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           | gcloud container clusters list                           |

Commands for interacting with Google Kubernetes Engine



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