Important Commands

**To set up GOOGLE\_APPLICATION\_CREDENTIALS**

*Linux - export GOOGLE\_APPLICATION\_CREDENTIALS/home/shrutijoshi/* *helpful-cat-324414-bbf5a431efb0.json"*

*Windows - set GOOGLE\_APPLICATION\_CREDENTIALS=C:\Documents\Learning\SVC\fabric-1333-29edd96ad1f1.json*

**To Configure service account with google cloud SDK**

*gcloud auth activate-service-account svc-rw@fabric-1333.iam.gserviceaccount.com --key-file=C:\Documents\Learning\SVC\fabric-1333-29edd96ad1f1.json --project=fabric-1333*

gcloud auth activate-service-account svc-dezyre-editor@helpful-cat-324414.iam.gserviceaccount.com --key-file=helpful-cat-324414-bbf5a431efb0.json --project=helpful-cat-324414

**To create a bucket using Cloud SDK**

*gsutil mb -c standard -l us-east1 gs://gcs-dezyre-bucket10*

**To Copy data from Local to Cloud Bucket using SDK**

*gsutil cp local\_file\_path gs://gcs-dezyre-bucket10/data/*

*gsutil -m cp \*.json gs://gcs-dezyre-bucket10/data/*

**To enable versioning on the bucket**

*gsutil versioning set on gs://gcs-dezyre-bucket10*

**To check if versioning is enabled on the bucket**

*gsutil versioning get gs://gcs-dezyre-bucket10*

**To check all the existing versions of file in bucket**

*gsutil ls -a gs://gcs-dezyre-bucket10*

**To delete the older version**

*gsutil rm gs://gcs-dezyre-bucket10/nohup.out #1635081507455491*

**To check the metadata of any object**

*gsutil stat gs://gcs-dezyre-bucket10/nohup.out*

**To change the storage class of an object**

*gsutil rewrite -s* nearline *gs://gcs-dezyre-bucket10/nohup.out*

**To enable hold at the bucket level**

*gsutil retention event-default set gs://gcs-dezyre-bucket10*

**To check if hold is enable on bucket**

*gsutil ls -L -b gs://gcs-dezyre-bucket10*

**To release hold at the bucket level**

*gsutil retention event-default release gs://gcs-dezyre-bucket10*

**To release hold on an object**

*gsutil retention event release gs://gcs-dezyre-bucket10/nohup.out*

**Disable versioning on bucket to set retention policy**

*gsutil versioning set off gs://gcs-dezyre-bucket10*

**Setting a retention policy on the bucket**

*gsutil retention set 60s gs://gcs-dezyre-bucket10*

**Removing a retention policy on the bucket**

*gsutil retention clear gs://gcs-dezyre-bucket10*

**Locking a retention policy on the bucket**

*gsutil retention lock gs://gcs-dezyre-bucket10*

**Viewing retention policy and lock status**

*gsutil retention get gs://gcs-dezyre-bucket10*

**For generating SSh key on your machine**

ssh-keygen and press enter 3 times  
add public key to cat ~/.ssh/id\_rsa.pub >> ~/.ssh/authorized\_keys

**To print ssh public key on terminal**

*cat ~/.ssh/id\_rsa.pub*