gsutil Commands

*Manage Cloud Storage*

### Info

* Buckets accessed via: gsutil *<command & parms>* gs://[bucket\_name]

### Commands

* New commands
  + gsutil du -s gs://storage-lab-gcpace -
  + gsutil ls -L -b gs://storage-lab-gcpace -
  + gsutil -b on -l NORTHAMERICA-NORTHEAST1 gs://storage-lab-gcpacecli -
  + gsutil -l NORTHAMERICA-NORTHEAST1 gs://storage-lab-gcpacecli -
  + gsutil mb -b on -l NORTHAMERICA-NORTHEAST1 gs://storage-lab-gcpacecli -
  + gsutil iam ch -d allUsers:objectViewer gs://storage-lab-gcpacecli -
  + gcloud compute instances delete myvm -
  + gcloud topic filters -
  + gsutil mb -l US-CENTRAL1 gs://gce-gcs-lab28-2 -
* EONew Commands
* gsutil ls - display buckets
  + Bucket names: gs://*<bucket\_name>*/
* gsutil ls gs://*<bucket\_name>*/ - display objects w/in *<bucket\_name>*
* gsutil ls gs://*<bucket\_name>*/\*\* - recursive display objects w/in *<bucket\_name>*
* gsutil ls -a gs://*<bucket\_name>*/ - display o
* gsutil mb *<switches & parms>* gs://*<bucket\_name>*/ - make bucket
* gsutil mb --help - make bucket help
  + Switches
    - -b - on/off
    - -c - storage class *(default “Standard”)*
    - -l - location
    - -p - project\_id
    - --retention - retention policy *(default - not retention policy)*
* gsutil label get gs://*<bucket\_name>*/ - retrieve JSON-formatted label(s)
  + Can redirect to output JSON file
* gsutil label set *<input JSON file>* gs://*<bucket\_name>*/ - load JSON objects file to gs://*<bucket\_name>*/
* gsutil label ch -l *<”newlable:newvalue”>* gs://*<bucket\_name>*/ - change/update label
* gsutil versioning get gs://*<bucket\_name>*/ - display bucket version (state)
* gsutil versioning set on gs://*<bucket\_name>*/ - enable bucket
* gsutil cp *<filename>* gs://*<bucket\_name>*/ - copy *<filename>* into bucket
* gsutil cp gs://*<other\_bucket\_name>*/\*\* gs://*<bucket\_name>*/ - recursively copy from one bucket into another - but store all files in gs://*<bucket\_name>*/ **root** dir
* gsutil ls -a gs://*<bucket\_name>*/ - display bucket contents w/appended versioning #
* gsutil rm gs://*<bucket\_name>*/<filename> - delete bucket file
* gsutil acl ch -u *<userGroup:access>* gs://*<bucket\_name>*/<filename> - change user ACL setting