

07-cleanup.md

About

This module includes the cleanup of resources created for the lab.

- [1. Declare variables](#)
- [2. Delete Buckets](#)
- [3. Delete Spark Persistent History Server](#)
- [4. Delete Metastore service](#)

0. Prerequisites

1. GCP Project Details

Note the project number and project ID.
We will need this for the rest of the lab

2. IAM Roles needed to create Persistent History Server

Grant the following permissions

- Viewer
- Dataproc Editor
- Storage Admin
- Service Usage Admin

3. Attach cloud shell to your project.

Open Cloud shell or navigate to shell.cloud.google.com
Run the below command to set the project in the cloud shell terminal:

```
gcloud config set project $PROJECT_ID
```

1. Declare variables

We will use these throughout the lab.
Run the below in cloud shells copied to the project you selected-

```
PROJECT_ID=          #Current GCP project where we are building our use case
REGION=              #GCP region where all our resources will be created
BUCKET_PHS=          #Bucket name for Persistent History Server
BUCKET_CODE=         #GCP bucket where our code, data and model files will be stored
ENVIRONMENT_NAME=    #Name of the DAGS Environment
LOCATION=              #Location of the DAG
PD_NAME=             #name of the persistent disk for your environment
PD_LOCATION=         #the location of the persistent disk. For example, the location can be [us-central1-a] .
SERVICE=            #The name of the metastore service.
```

2. Delete buckets

Follow the commands to delete the following buckets

1. Bucket attached to spark history server
2. Bucket with code files

```
gcloud alpha storage rm --recursive gs://$BUCKET_PHS
gcloud alpha storage rm --recursive gs://$BUCKET_CODE
```

3. Delete Spark Persistent History Server

Run the below command to delete Spark PHS

```
gcloud dataproc clusters delete spark-phs \  
  --region=${REGION}
```

4. Delete metastore service

Run the below command to delete metastore service

```
gcloud metastore services delete $SERVICE \  
  --location=$LOCATION
```