Google Cloud Platform Management

Methods

There are three ways to interact with GCP:

- Cloud Console web interface.
- Cloud SDK/Cloud Shell command line interface.
- REST-based API

Google Cloud SDK

Command line tools:

- gcloud: Main command line tool.
- gsutil: Manage storage.
- bq: Interacting with BigQuery.

RESTful APIs

APIs need to be enabled before they can be used. Enable through the APIs and Services interface.

- JSON based.
- OAuth 2.0.
- Quotas for daily rates and limits:
    - Soft: can be changed.
    - Hard: fixed quota.
- APIs Explorer can be used to try the APIs using a browser: https://developers.google.com/apis-explorer/
- Google Cloud Client Labraries supported for many languages.