GCS Public Bucket & Object Scanner CLI Tool

Problems

- It's not recommended to use public bucket in GCS (CIS GCP 5.1)

- Public objects not a best practice, only used in some ocassion

- Unexpected use of public buckets / public objects will introduce security concerns

Solution

- Engineering built the tools to scan the public buckets and public

- Provide report summary to be consumed by involved entities to have transparency about the current GCS state.

Goals

- The expectation is to ease the team to secure the GCP environment

Overview

- A CLI tool that provide the below features
  - Detects GCS buckets that are publicly accessible.
  - Identifies objects in a GCS bucket that are publicly visible.
  - Email reporting of both
- The tools are lightweight and expandable