

# **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 occasion
- 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