GCP Sizing Script

Overview

This document describes how to prepare for, and how to run the Prisma Cloud GCP licensing sizing script.

Pre-requisites

Required Permissions

The GCP account that is used to run the Prisma Cloud GCP sizing script must have the required permissions to be able to collect GCP sizing information.

Required GCP APIs

The below GCP APIs need to be enabled in order to gather information from the GCP environment.

- gcloud compute instances list
- gcloud sql instances list
- gcloud spanner instances list
- gcloud compute forwarding-rules list
- gcloud compute routers list
- gcloud compute routers nats list

Verbose Mode

By default the Prisma Cloud GCP sizing script will run in silent mode. If you wish to enable verbose mode, change the value for the silent_mode variable to false (see screenshot below).

```
23   #
24   # If silent mode is set to true:
25   # - you won't get prompt to enable the API (we assume that you don't use the service, thus resource count is assumed to be 0)
26   # - when an error is encountered, you are most likely don't have API access. Resource count is set to 0
27   silent_mode=true
```

Figure: Editing line 27 of the sizing script

Running the Prisma Cloud licensing sizing script

Follow the steps below to run the Prisma Cloud licensing script.

1. Download the Prisma Cloud GCP licensing script to your local computer.
    a. Click here to download the raw text for the script (resource-count-gcp.sh).
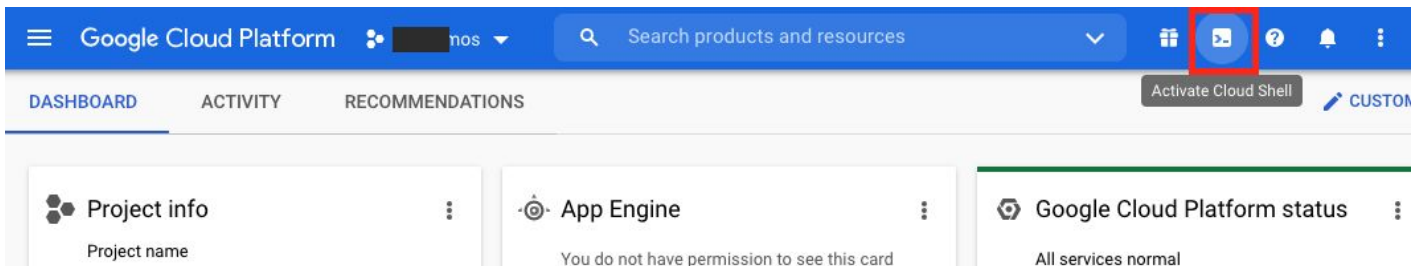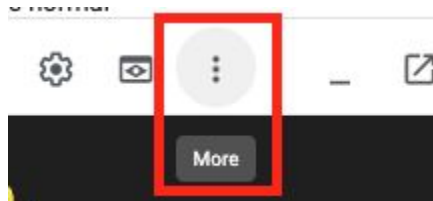2. Log into your GCP console
3. Launch the GCP Cloud Shell

Figure: Launch GCP Cloud Shell from your GCP console

4. Click the Vertical Ellipsis ⋮ on the right side of your GCP console.

5. Select "Upload file"

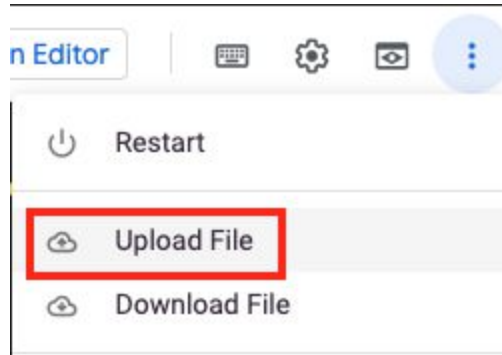6. Upload the "resource-count-gcp.sh" file to your GCP cloud shell

Figure: Upload the "resource-count-gcp.sh" to your GCP cloud shell

7. Run the GCP – Prisma Cloud licensing sizing script.
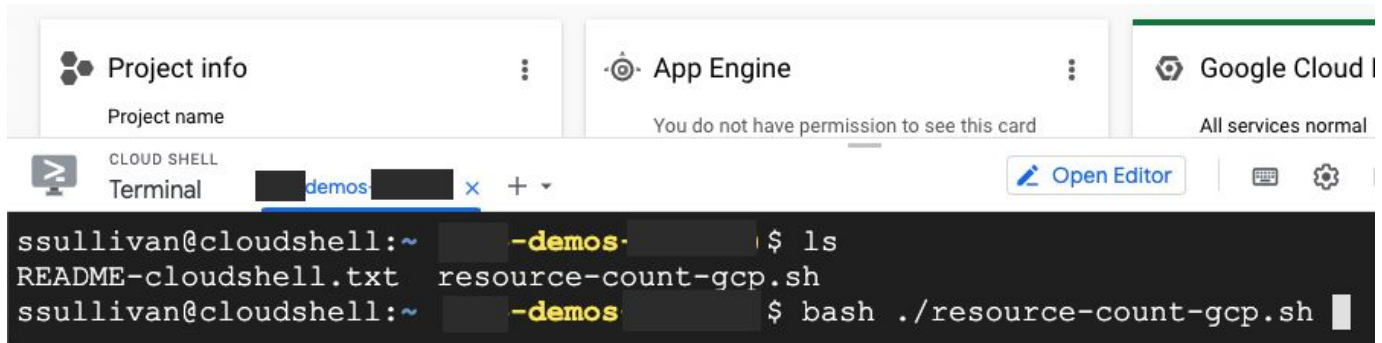   a. Type "bash ./resource-count-gcp.sh" and hit enter to start the script

Figure: Run the GCP – Prisma Cloud licensing sizing script.

    b. Troubleshooting
        i.   Run the following chmod command to change the permissions if the above "resource-count-gcp.sh" script will not execute: "chmod +X resource-count-gcp.sh"
8. Share the results with your Palo Alto Networks team.

Figure: Script Results