Lab

**From Google Cloud Console**

Leaving Keys in Place [restrict it]

1. Go to APIs & Services\Credentials using

<https://console.cloud.google.com/apis/credentials>

2. In the section API Keys, Click the API Key Name. The API Key properties display on a new page.

3. In the Key restrictions section, set the application restrictions to any of HTTP referrers, IP addresses, Android apps, iOS apps.

4. Click Save.

**Removing Keys**

Another option is to remove the keys entirely.

1. Go to APIs & Services\Credentials using

<https://console.cloud.google.com/apis/credentials>

2. In the section API Keys, select the checkbox next to each key you wish to remove

3. Select Delete and confirm

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2. In the section API Keys, Click the API Key Name. The API Key properties display on a new page.

3. In the Key restrictions section go to API restrictions.

4. Click the Select API drop-down to choose an API.

Lab from gcloud

From Google Cloud CLI

1. List all API keys.

gcloud services api-keys list

2. Note the UID of the key to add restrictions to.

3. Run the update command with the appropriate flags to add the required restrictions.

gcloud alpha services api-keys update <UID> <restriction\_flags>

Note- Flags can be found by running

gcloud alpha services api-keys update –help

Lab : Key rotation

1. Go to APIs & Services\Credentials using

<https://console.cloud.google.com/apis/credentials>

2. In the section API Keys, Click the API Key Name. The API Key properties display on a new page.

3. Click REGENERATE KEY to rotate API key.