



Creating a Google Play API

Key

Scriptoria Admin Help

Introduction

Scriptoria allows the automated publishing of Android apps to the Google Play Store. In order to do this, Scriptoria needs a Google Play API Key from the organization for each Google Play Store account. **Only the owner of the Google Play Developer Account can perform these steps.** This document provides guidance specific to Scriptoria.

Full documentation from Google is available at: https://developers.google.com/android-publisher/getting_started

In 2023, Google removed the **API access** page from the Google Play Console. In their documentation (above), they say: "Note: You no longer need to link your developer account to a Google Cloud Project in order to access the Google Play Developer API."

Now you first need to create a Google Cloud Project (one can be used for multiple Google Play Store accounts)

Steps

Create a Google Cloud Project

Go to the Google Cloud Console <https://console.cloud.google.com> and either use an existing project or create a new one. You can have more than one Google Play Store configured in a Google Cloud Project. If this is your first time accessing Google Cloud, you will need to read and agree to the Terms of Service.



Welcome [redacted]!

Create and manage your Google Cloud instances, disks, networks, and other resources in one place.



DemoAdmin User

[redacted]@gmail.com

[SWITCH ACCOUNT](#)

Country

United States ▼

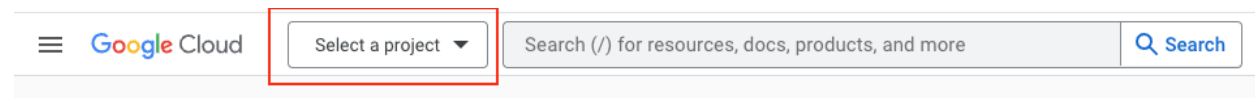
Terms of Service

☐ I agree to the [Google Cloud Platform Terms of Service](#), and the terms of service of [any applicable services and APIs](#).

AGREE AND CONTINUE

To create a project:

1. In the menu bar of the website, click on the **Select a project** dropdown.



2. In the **Select a project** dialog, click on the **NEW PROJECT** link

Select a project

 NEW PROJECT

Search projects and folders



RECENT

STARRED

ALL

Name

ID



No organization

0

3. In the **New Project** page, enter a Project name (e.g. Google Play Console Developer). You may select an organization or not assign an organization. It is up to you.

 Google Cloud

Search (/) for resources, docs, products, and more

New Project



You have 12 projects remaining in your quota. Request an increase or delete projects. [Learn more](#)

[MANAGE QUOTAS](#)

Project name *

Google Play Console Developer



Project ID: zinc-code-410016. It cannot be changed later. [EDIT](#)

Location *



No organization

[BROWSE](#)

Parent organization or folder

CREATE

CANCEL

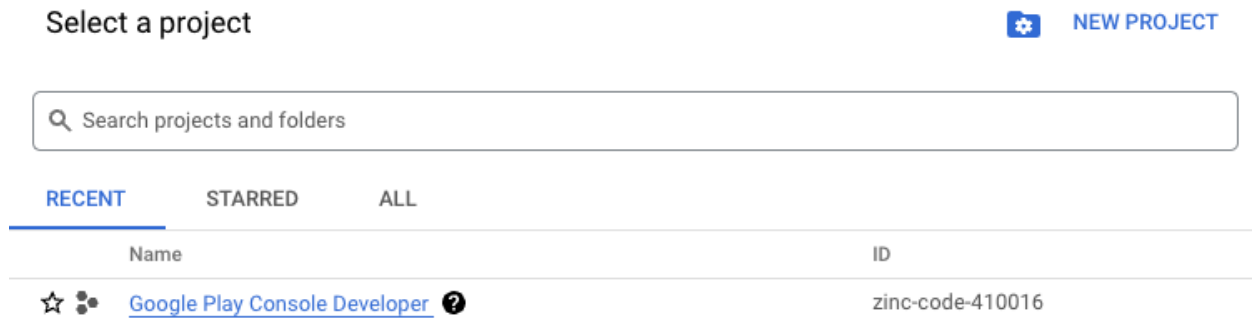
Select the Project

To select a pre-existing project or the newly created project:

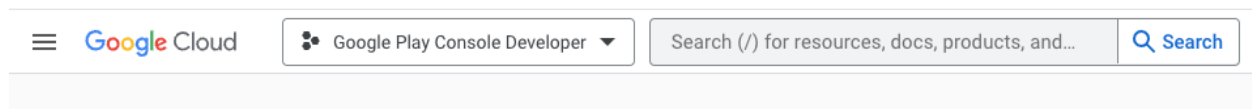
1. In the menu bar of the website, click on the **Select a project** dropdown.



2. In the Select a project dialog, click on the link for the project name.



You should now see the project name displayed in the **Select a project** dropdown.

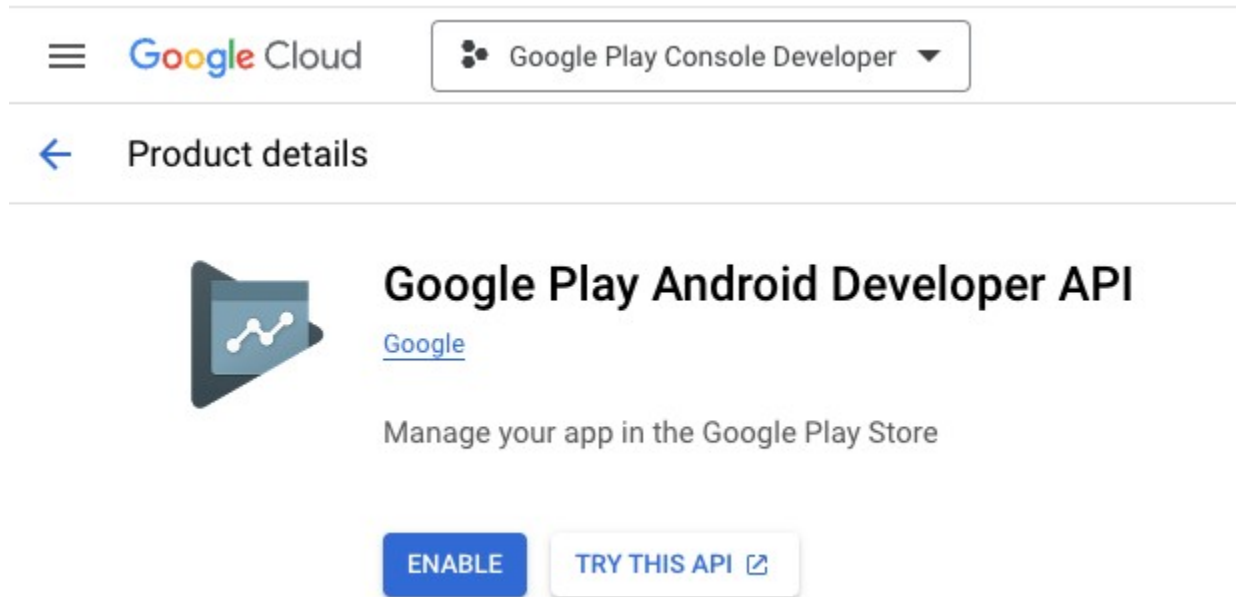


Enable the API

Once you have set up the Google Cloud Project, you need to enable the Google Play Developer API for this project. This is only for new projects.

To enable Google Play Developer API:

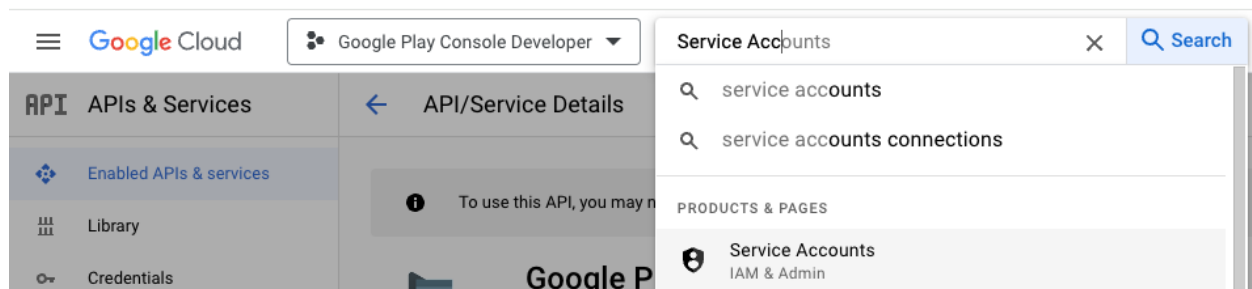
1. Go to the [Google Play Developer API](#) page in Google Cloud Console.
2. Click **Enable**.



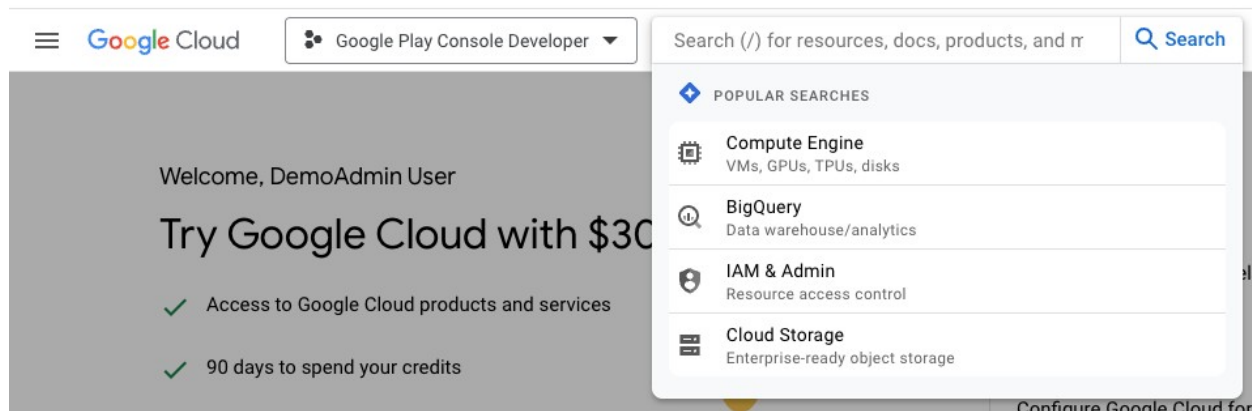
Create Service Account

For Scriptoria to publish to Google Play on your behalf, you will need to create a service account. A service account is created in the IAM & Admin section of the Google Cloud Console. To navigate to this section, you can:

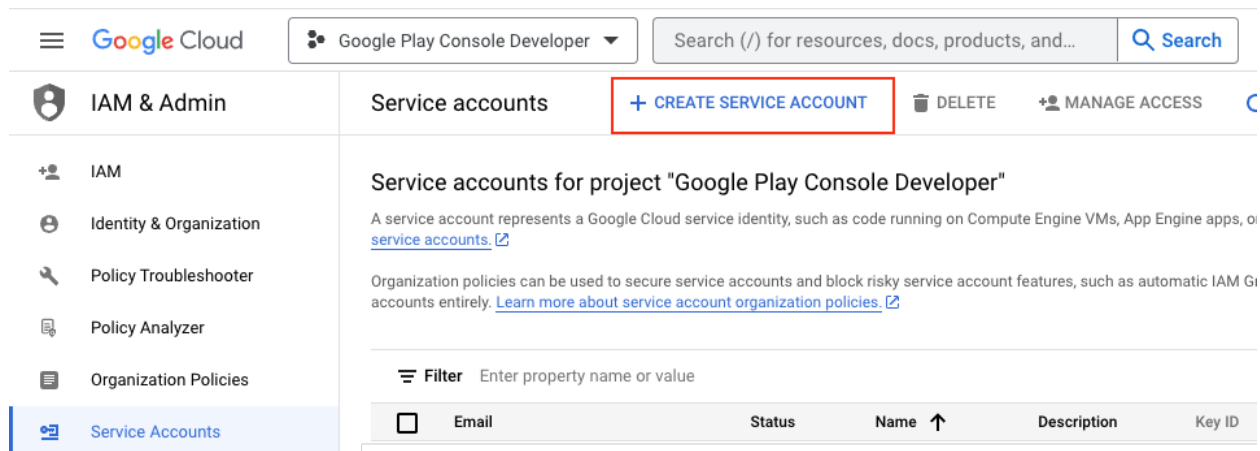
1. type "Service Accounts" in search field or



2. click on the search field and then click on **IAM & Admin** in the **POPULAR SEARCHES** list and then select **Service Accounts** from the menu on the left.



3. Click on + CREATE SERVICE ACCOUNT



4. Enter a **Service account name** (e.g. YOUR_ORG_NAME-scriptoria) and **Service account description** (optional)

Google Cloud

Google Play Console Developer

Search (/) for resources, docs, products, and...

Search

IAM & Admin

IAM

Identity & Organization

Policy Troubleshooter

Policy Analyzer

Organization Policies

Service Accounts

Workload Identity Federation

Workforce Identity Federation

Labels

Tags

Settings

Privacy & Security

Identity-Aware Proxy

Roles

Audit Logs

←

Create service account

1

Service account details

Service account name

ScriptoriaDemo-scriptoria

Display name for this service account

Service account ID *

scriptoriademo-scriptoria

✕ ↺

Email address: scriptoriademo-scriptoria@zinc-code-410016.iam.gserviceaccount.com

Service account description

Publish apps to Google Play using Scriptoria

Describe what this service account will do

CREATE AND CONTINUE

2

Grant this service account access to project (optional)

3

Grant users access to this service account (optional)

DONE

CANCEL

- Click on **CREATE AND CONTINUE**
- Set **Grant this service account access to project (optional)** to **Basic > Owner**

Google Cloud

Google Play Console Developer

Search (/) for resources, docs, pr

IAM & Admin

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Policy Troubleshooter

Policy Analyzer

Organization Policies

Service Accounts

Workload Identity Federation

Workforce Identity Federation

Labels

Tags

Settings

Privacy & Security

Identity-Aware Proxy

Roles

Audit Logs

←

Create service account

✓

Service account details

2

Grant this service account access to project (optional)

Grant this service account access to Google Play Console Developer so t permission to complete specific actions on the resources in your project. [more](#)

Select a role

IAM condition (optional) ?

Filter Type to filter

Quick access

Currently used

Basic

By product or service

Access Approval

Access Context Manager

Actions

Roles

Browser

Editor

Owner

Viewer

MANAGE ROLES

3

DONE

7. Click on **CONTINUE**

Google Cloud

Google Play Console Developer

Search (/) for resources, docs, products, and...

IAM & Admin

- IAM
- Identity & Organization
- Policy Troubleshooter
- Policy Analyzer
- Organization Policies
- Service Accounts**
- Workload Identity Federation
- Workforce Identity Federation
- Labels
- Tags
- Settings
- Privacy & Security
- Identity-Aware Proxy
- Roles

Create service account

✓ **Service account details**

2 **Grant this service account access to project (optional)**

Grant this service account access to Google Play Console Developer so that it has permission to complete specific actions on the resources in your project. [Learn more](#)

Role: **Owner** IAM condition (optional) ? [+ ADD IAM CONDITION](#)

Full access to most Google Cloud resources. See the list of included permissions.

[+ ADD ANOTHER ROLE](#)

CONTINUE

3 **Grant users access to this service account (optional)**

DONE CANCEL

- Click on **DONE**
- On the row with the new service account, click on the vertical dot menu and click on **Manage keys**

Google Cloud | Google Play Console Developer | Search (/) for resources, docs, products, and... | Search

IAM & Admin

- IAM
- Identity & Organization
- Policy Troubleshooter
- Policy Analyzer
- Organization Policies
- Service Accounts**
- Workload Identity Federation
- Workforce Identity Federation
- Labels
- Tags
- Settings
- Privacy & Security
- Identity-Aware Proxv

Service accounts + CREATE SERVICE ACCOUNT DELETE MANAGE ACCESS REFRESH LEA

Service accounts for project "Google Play Console Developer"

A service account represents a Google Cloud service identity, such as code running on Compute Engine VMs, App Engine apps, or systems running outside Google. [Learn more about service accounts.](#)

Organization policies can be used to secure service accounts and block risky service account features, such as automatic IAM Grants, key creation/upload, or the creation of service accounts entirely. [Learn more about service account organization policies.](#)

Filter Enter property name or value

Email	Status	Name	Description	Key ID	Key creation date	OAuth 2 Client	Action
scriptoriademo-scriptoria@zinc-code-410016.iam.gserviceaccount.com	Enabled	ScriptoriaDemo-scriptoria	Publish apps to Google Play using Scriptoria	No keys		10677092692	- Manage details - Manage permissions Manage keys - View metrics - View logs - Disable - Delete

10. On the Keys page, click **ADD KEY** and then **Create new key**

Google Cloud | Google Play Console Developer | Search (/) for resources, docs, products, and... | Search

IAM & Admin

- IAM
- Identity & Organization
- Policy Troubleshooter
- Policy Analyzer
- Organization Policies
- Service Accounts**
- Workload Identity Federation
- Workforce Identity Federation
- Labels
- Tags

ScriptoriaDemo-scriptoria

DETAILS PERMISSIONS **KEYS** METRICS LOGS

Keys

Service account keys could pose a security risk if compromised. We recommend you avoid downloading service account keys. You can learn more about the best way to authenticate service accounts using [Workload Identity Federation](#).

Add a new key pair or upload a public key certificate from an existing key pair.

Block service account key creation using [organization policies](#). [Learn more about setting organization policies for service accounts](#)

ADD KEY

- Create new key**
- Upload existing key

Key creation date	Key expiration date
-------------------	---------------------

11. Use JSON Key type (default) and click **CREATE** (which will prompt to save a JSON file with the Google Play API Key to your computer).

Status	Key	Key creation date	Key expiration date
Create private key for "ScriptoriaDemo-scriptoria" Downloads a file that contains the private key. Store the file securely because this key can't be recovered if lost. Key type ☒ JSON Recommended ☐ P12 For backward compatibility with code using the P12 format CANCEL CREATE			

12. Click **Close** on the **Private key saved to your computer** dialog.
13. Click on the **back arrow** to go back to the list of Service accounts.

Reload this page

Google Cloud

Google Play Console Developer

Search (/) for resources, docs, products, and... Search

IAM & Admin

ScriptoriaDemo-scriptoria

DETAILS

PERMISSIONS

KEYS

METRICS

LOGS

IAM

Identity & Organization

Keys

14. Hover your mouse over the Email field of the new Service account and click on the **copy icon** to copy the email address of the service account.

Google Cloud

Google Play Console Developer

Search (/) for resources, docs, products, and... Search

IAM & Admin

- IAM
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- Policy Troubleshooter
- Policy Analyzer
- Organization Policies
- Service Accounts**
- Workload Identity Federation
- Workforce Identity Federation
- Labels

Service accounts + CREATE SERVICE ACCOUNT DELETE +MANAGE ACCESS

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Filter Enter property name or value

☐	Email	Status	Name ↑	Description	Key ID
☐	scriptoriademo-scriptoria@zinc-code-418616.iam.gserviceaccount.com	Enabled	ScriptoriaDemo-scriptoria	Publish apps to Google Play using Scriptoria	a7eff791

Invite Service Account to Google Play

Now that you have the service account created and the JSON API Key downloaded, you need to give permission to the service account in your Google Play console.

1. Open the Google Play Developer Console (<https://play.google.com/console/developers>) for your Google Play Store.
2. Go to the **Users and permissions** section
3. Click on **Invite new users** button

Google Play Console

Search Play Console

Users and permissions

Manage who has access to your developer account, invite new users, and grant permissions. [Show more](#)

Users Access requests (0) Permission groups

Add filter

Search users by name or email address

3 users Manage users Export user list **Invite new users**

4. Paste in the Email address of the service account into the **Email address** field.
5. Select **Account permissions** tab and check **Admin (all permissions)**

Google Play Console

Search Play Console

← Users and permissions

Invite user

User details

Email address: scriptoriademo-scriptoria@zinc-code-410016.iam.gserviceaccount.com

Access expiry ? ☐ Set access expiry date

Permissions

Choose the apps and areas of Play Console that this user has access to. Grant permissions for individual apps, or use Account permissions to grant access to all apps in your developer account. Some account permissions give additional access.

App permissions **Account permissions** Permission groups

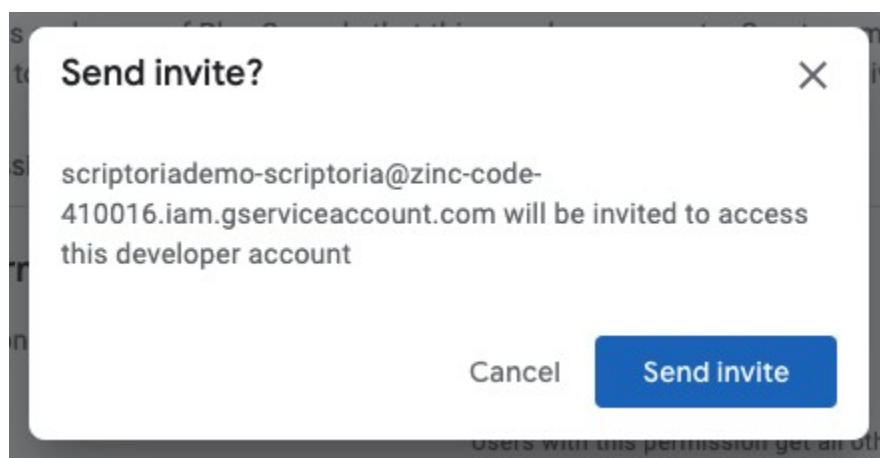
Account permissions

Grant permissions for all apps in your developer account

App access

- ☒ **Admin (all permissions)**
Users with this permission get all other permissions for your developer account. They can also invite new users to your developer account, remove users, manage all other user's permissions, change access expiry dates, and view changes made in Play Console using the activity log.
Some additional actions can only be done by the account owner, like agreeing to Terms of Service agreements.
- ☒ **View app information and download bulk reports (read-only)**
View all app information, including any associated Play Games Services projects - but not financial data. Users with this permission can also download bulk reports, and will be able to view any new apps that you add to Play Console in the future.
This permission does not allow users to edit information, or make any changes. To grant access to financial data, give users the 'View financial data' permission.

6. Click the **Invite user** button at the bottom of the page.
7. Click the **Send invite** button in the **Send invite?** dialog box.



You will be redirected back to the **Users and permissions** list and will see the new entry for the service account email address with the **Active** status.

Send JSON API Key to Scriptoria

Email the JSON API Key file to the Scriptoria administrator who is assisting with the creation of your Scriptoria account.