



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 !

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



Country



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 n

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

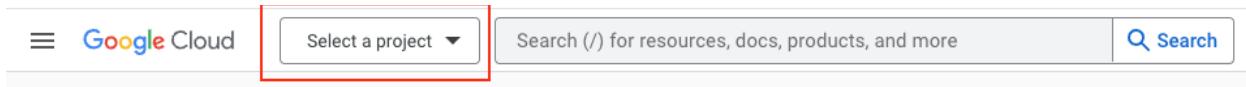
[CREATE](#)

[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.



The image shows the top navigation bar of the Google Cloud Platform. It includes the 'Google Cloud' logo, a 'Select a project' dropdown menu with a red box around it, a search bar with the placeholder 'Search (/) for resources, docs, products, and more', and a 'Search' button.

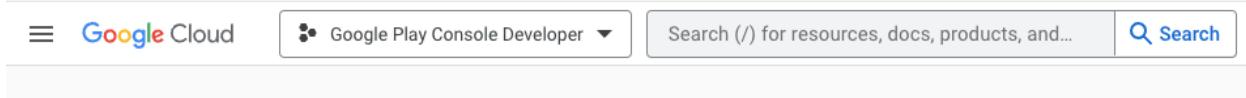
2. In the Select a project dialog, click on the link for the project name.



The image shows the 'Select a project' dialog. It has a 'NEW PROJECT' button with a gear icon. Below it is a search bar with the placeholder 'Search projects and folders'. Underneath are three tabs: 'RECENT' (underlined), 'STARRED', and 'ALL'. A table lists projects: 'Google Play Console Developer' (marked with a star and a question mark icon) and 'zinc-code-410016'.

Name	ID
Google Play Console Developer	zinc-code-410016

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



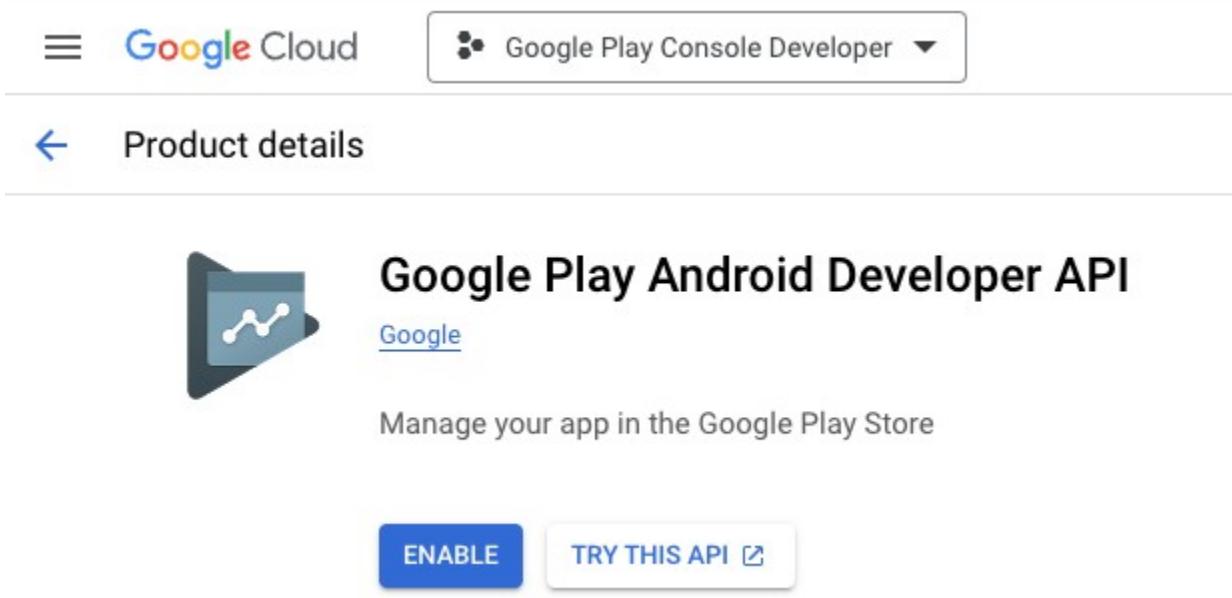
The image shows the top navigation bar of the Google Cloud Platform. It includes the 'Google Cloud' logo, a 'Select a project' dropdown menu showing 'Google Play Console Developer' with a red box around it, a search bar with the placeholder 'Search (/) for resources, docs, products, and more', and a 'Search' button.

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**.

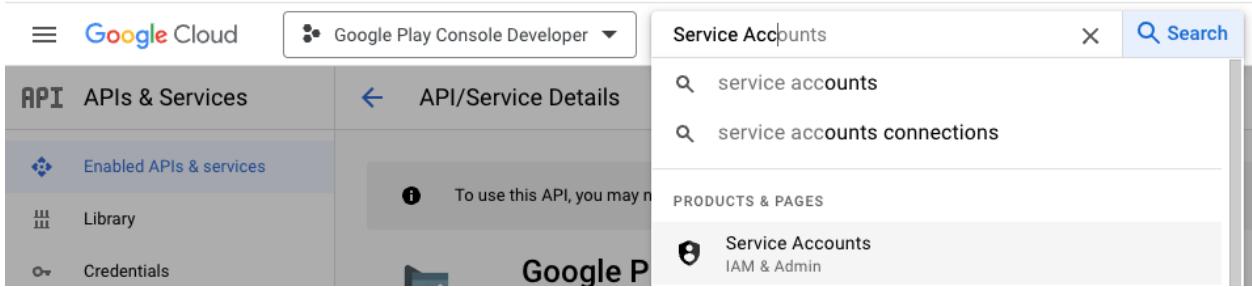


The screenshot shows the 'Product details' page for the 'Google Play Android Developer API'. At the top, there are navigation links for 'Google Cloud' and 'Google Play Console Developer'. Below that, a back arrow and the text 'Product details' are visible. The main content area features a blue play button icon with a line graph, the text 'Google Play Android Developer API' in large bold letters, and a link to 'Google'. Below this, the text 'Manage your app in the Google Play Store' is displayed. At the bottom, there are two buttons: 'ENABLE' and 'TRY THIS API'.

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 the this section, you can:

1. type "Service Accounts" in search field or



The screenshot shows the Google Cloud Console search results for 'Service Accounts'. The search bar at the top contains 'Service Accounts'. Below the search bar, there is a list of results: 'service accounts' and 'service accounts connections'. On the left, there is a sidebar with 'APIs & Services' navigation, including 'Enabled APIs & services', 'Library', and 'Credentials'. The main content area shows 'API/Service Details' for the Google Play API, with a note: 'To use this API, you may need to enable it in the API library.' The 'Service Accounts' result is highlighted in the search results list.

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.

Welcome, DemoAdmin User

Try Google Cloud with \$300

- ✓ Access to Google Cloud products and services
- ✓ 90 days to spend your credits

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

POPULAR SEARCHES

- Compute Engine
- BigQuery
- IAM & Admin
- Cloud Storage

Configure Google Cloud for [your project]

3. Click on **+ CREATE SERVICE ACCOUNT**

IAM & Admin

Service accounts

+ CREATE SERVICE ACCOUNT

DELETE

MANAGE ACCESS

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 [service accounts](#).

Organization policies can be used to secure service accounts and block risky service account features, such as automatic IAM Grants for accounts entirely. [Learn more about service account organization policies](#).

Filter Enter property name or value

Email	Status	Name ↑	Description	Key ID
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Service Accounts

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 X C

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**

5. Click on **CREATE AND CONTINUE**
6. 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

- 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

Service account details

Grant this service account access to project (optional)

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

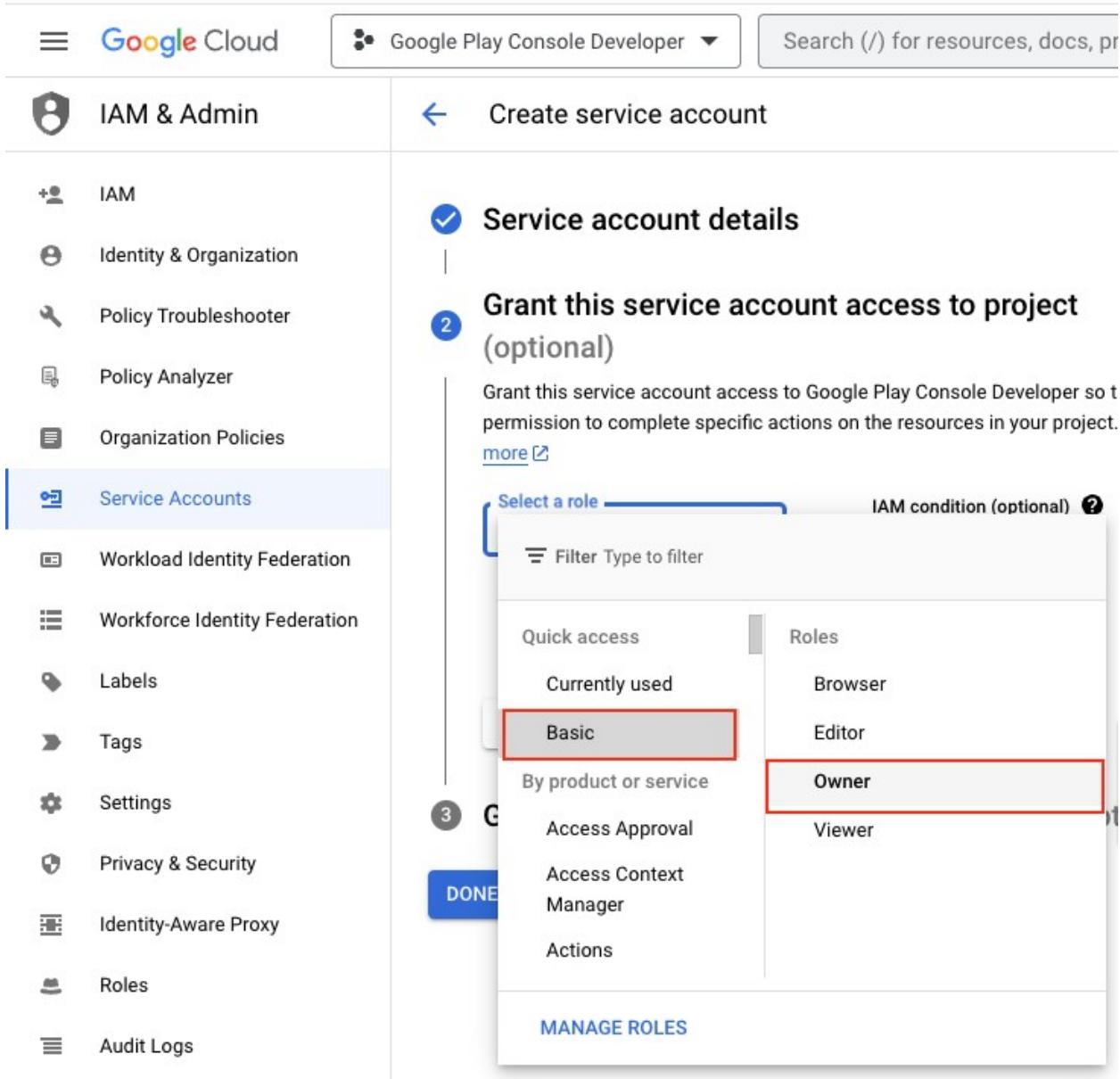
Select a role IAM condition (optional) [?](#)

Filter Type to filter

Quick access	Roles
Currently used	Browser
Basic	Editor
By product or service	Owner
Access Approval	Viewer
Access Context Manager	
Actions	

DONE

MANAGE ROLES



7. Click on **CONTINUE**

The screenshot shows the Google Cloud IAM & Admin interface for creating a service account. The left sidebar lists various IAM components: IAM, Identity & Organization, Policy Troubleshooter, Policy Analyzer, Organization Policies, Service Accounts (which is selected and highlighted in blue), Workload Identity Federation, Workforce Identity Federation, Labels, Tags, Settings, Privacy & Security, Identity-Aware Proxy, and Roles. The main content area is titled 'Create service account' and shows the 'Service account details' step. Step 2, 'Grant this service account access to project (optional)', is displayed with a note: '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.' A dropdown menu for 'Role' is set to 'Owner', with a description below stating 'Full access to most Google Cloud resources. See the list of included permissions.' There are buttons for '+ ADD ANOTHER ROLE' and '+ ADD IAM CONDITION'. Step 3, 'Grant users access to this service account (optional)', is partially visible. At the bottom are 'DONE' and 'CANCEL' buttons, with 'CONTINUE' highlighted and surrounded by a red box.

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

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 keys

[View metrics](#)

[View logs](#)

[Disable](#)

[Delete](#)

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

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 from this page. You can learn more about the best way to authenticate service accounts on [Workload Identity Federation](#).

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

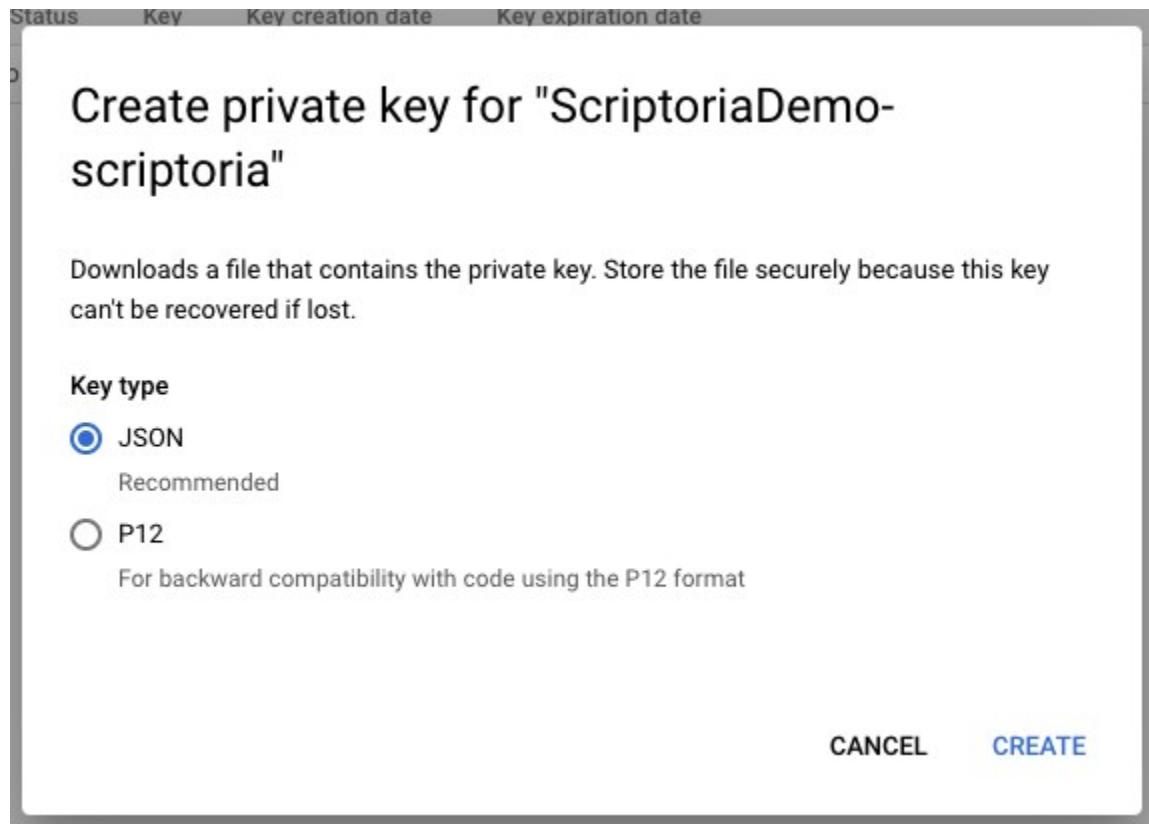
Block service account key creation using [organization policies](#). [Learn more about setting organization policies for service accounts](#)

ADD KEY

Create new key

Upload existing key

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).



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

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.

Service accounts for project "Google Play Console Developer"

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Filter	Enter property name or value				
<input type="checkbox"/>	Email	Status	Name ↑	Description	Key ID
<input type="checkbox"/>	scriptoriademo-scriptoria@zinc-code-410016.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

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
3 users		

Manage users **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

Home

Inbox 5

Policy status

Users and permissions

Order management

Download reports

Account details

Developer page

Associated developer accounts

Activity log

Setup

Email lists

Pricing templates

Game projects

License testing

Payments profile

Alternative billing

Linked services

Notifications

Benchmarking

App transfer

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.

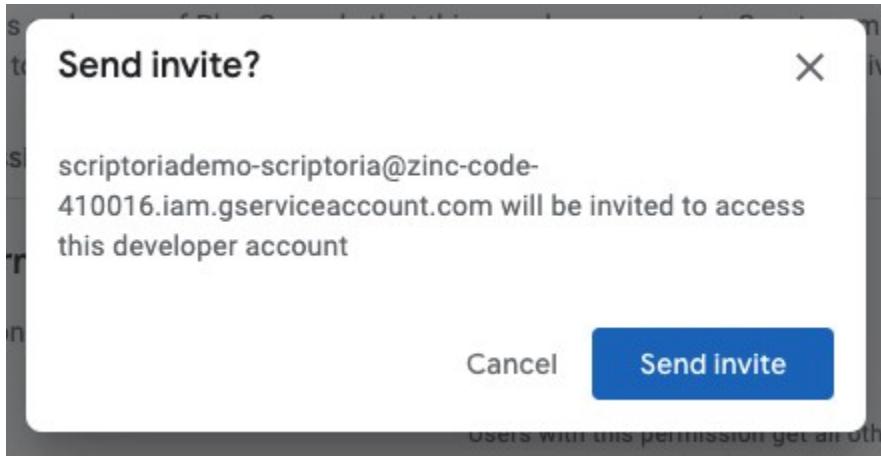
Some additional actions can only be done by the account owner, like agreeing to Terms of Service agreements.

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.