



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

United States 

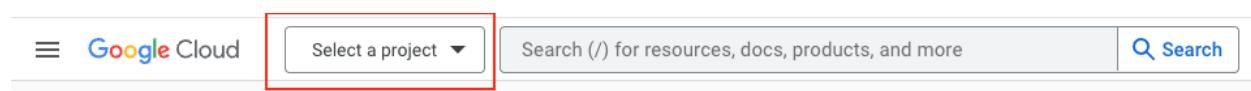
Terms of Service

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 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

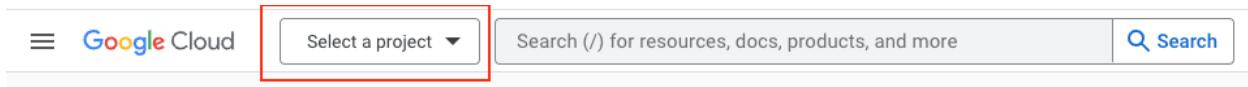
[CREATE](#)

[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, and a 'Search' button.

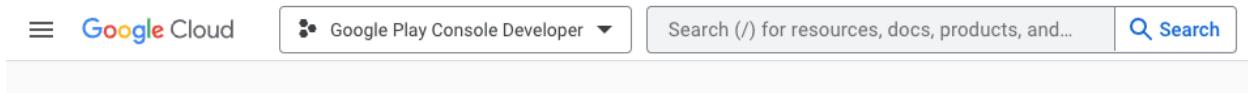
2. In the Select a project dialog, click on the link for the project name.



The image shows the 'Select a project' dialog. It has a search bar at the top with the placeholder 'Search projects and folders'. Below it are three tabs: 'RECENT' (which is underlined in blue), 'STARRED', and 'ALL'. A table lists projects. The first project in the list is 'Google Play Console Developer', which is highlighted with a red box. It has a star icon, a copy icon, and a question mark icon. To the right of the project name is its 'ID': '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.



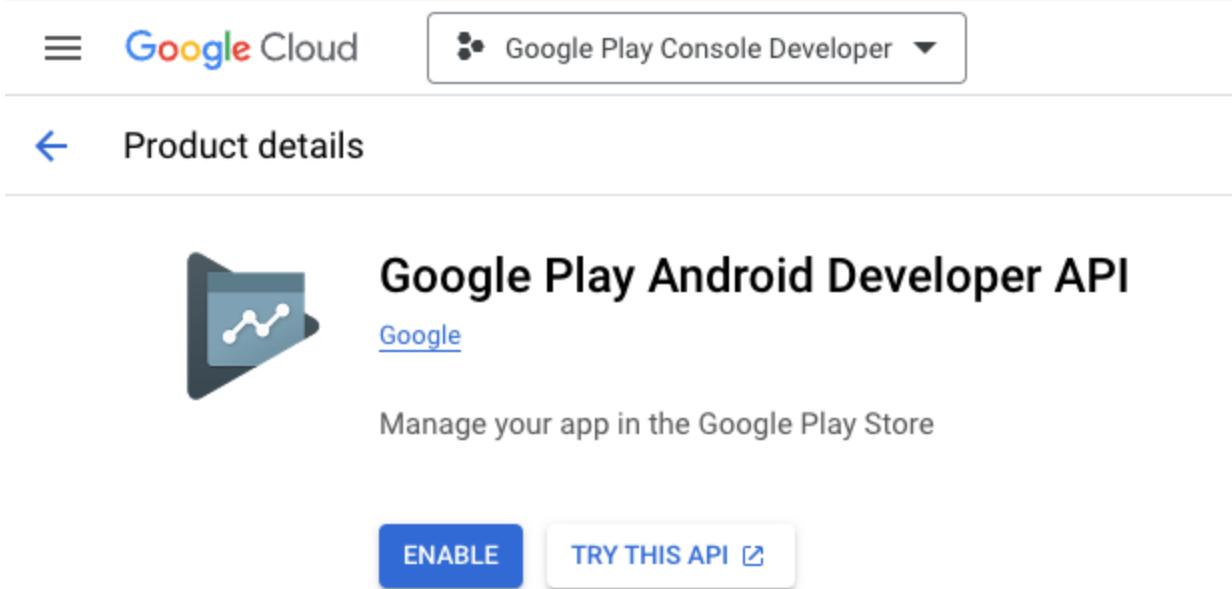
The image shows the top navigation bar of the Google Cloud Platform. It includes the Google Cloud logo, a 'Select a project' dropdown menu showing 'Google Play Console Developer' with a red box around it, a search bar, and a 'Search' button.

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**.

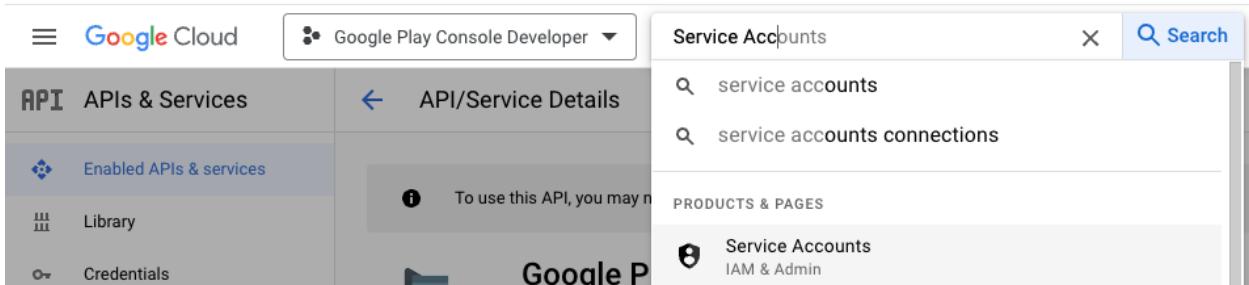


The screenshot shows the 'Product details' page for the 'Google Play Android Developer API'. At the top, there are navigation links for 'Google Cloud' and 'Google Play Console Developer'. Below that, a back arrow and the text 'Product details' are visible. The main content area features a blue play button icon with a line graph, the text 'Google Play Android Developer API', a blue link 'Google', and the subtext 'Manage your app in the Google Play Store'. Two buttons are present: a blue 'ENABLE' button and a white 'TRY THIS API' button with a blue icon. The background is white with a light gray horizontal line separating the header from the content.

Create Service Account

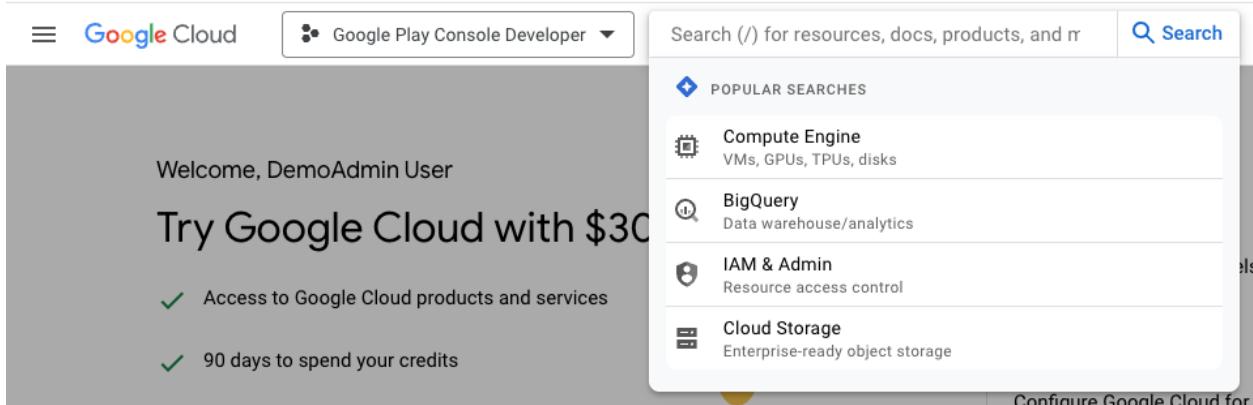
For Scriptoria to publish to Google Play on your behalf, you will need to create a service account. A service account is created in the IAM & Admin section of the Google Cloud Console. To navigate to the this section, you can:

1. type "Service Accounts" in search field or



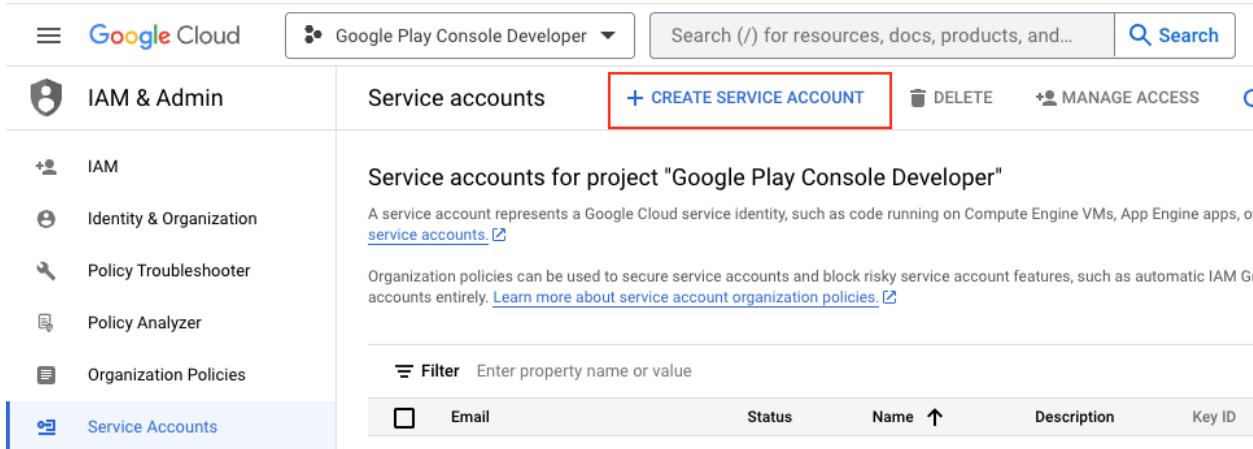
The screenshot shows the Google Cloud search interface. The search bar at the top contains the text 'Service Accounts'. Below the search bar, a list of results is shown, including 'service accounts' and 'service accounts connections'. On the left, a sidebar menu is open, showing 'APIs & Services' with 'Enabled APIs & services' selected, '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 background is white with a light gray sidebar.

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.



The screenshot shows the Google Cloud Home Page. At the top, there are navigation links for 'Google Cloud' and 'Google Play Console Developer'. A search bar is on the right. A prominent banner on the left says 'Welcome, DemoAdmin User' and 'Try Google Cloud with \$300'. Below the banner, two green checkmarks are listed: 'Access to Google Cloud products and services' and '90 days to spend your credits'. To the right, a sidebar titled 'POPULAR SEARCHES' lists 'Compute Engine', 'BigQuery', 'IAM & Admin', and 'Cloud Storage'. A 'Configure Google Cloud for' button is at the bottom right.

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



The screenshot shows the 'Service accounts' page under the 'IAM & Admin' section of the Google Cloud console. The left sidebar has links for 'IAM', 'Identity & Organization', 'Policy Troubleshooter', 'Policy Analyzer', 'Organization Policies', and 'Service Accounts', with 'Service Accounts' currently selected. The main area shows a table with columns for 'Email', 'Status', 'Name ↑', 'Description', and 'Key ID'. A red box highlights the '+ CREATE SERVICE ACCOUNT' button at the top right of the table header. The table contains one row with the following data:

| Email | Status | Name ↑ | Description | Key ID |
|--|---------|------------|----------------------------|-------------------|
| scriptoria@YOUR_ORG_NAME.iam.gserviceaccount.com | Enabled | scriptoria | Scriptoria Service Account | scriptoria-123456 |

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](#)

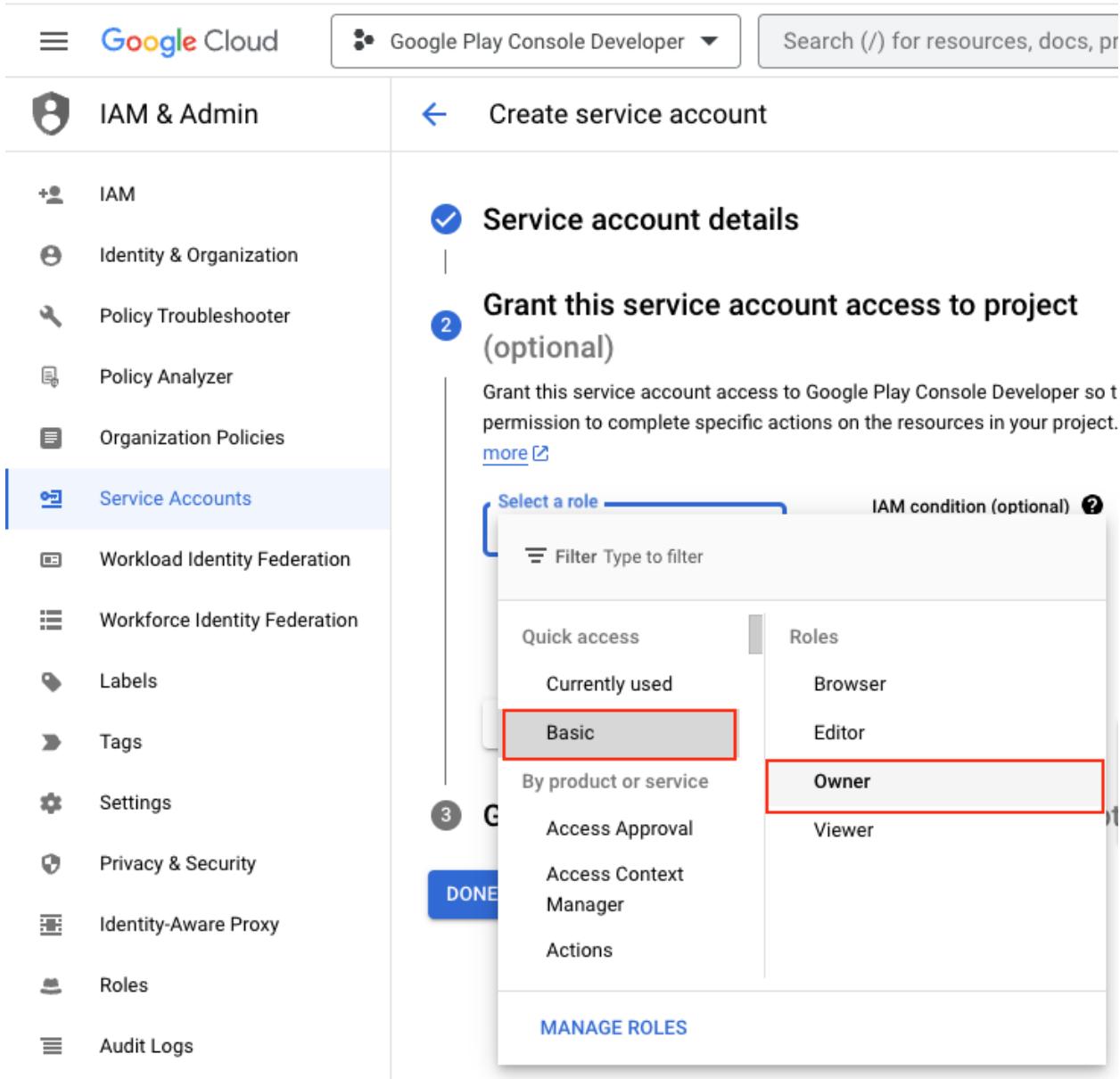
Select a role IAM condition (optional) [?](#)

Filter Type to filter

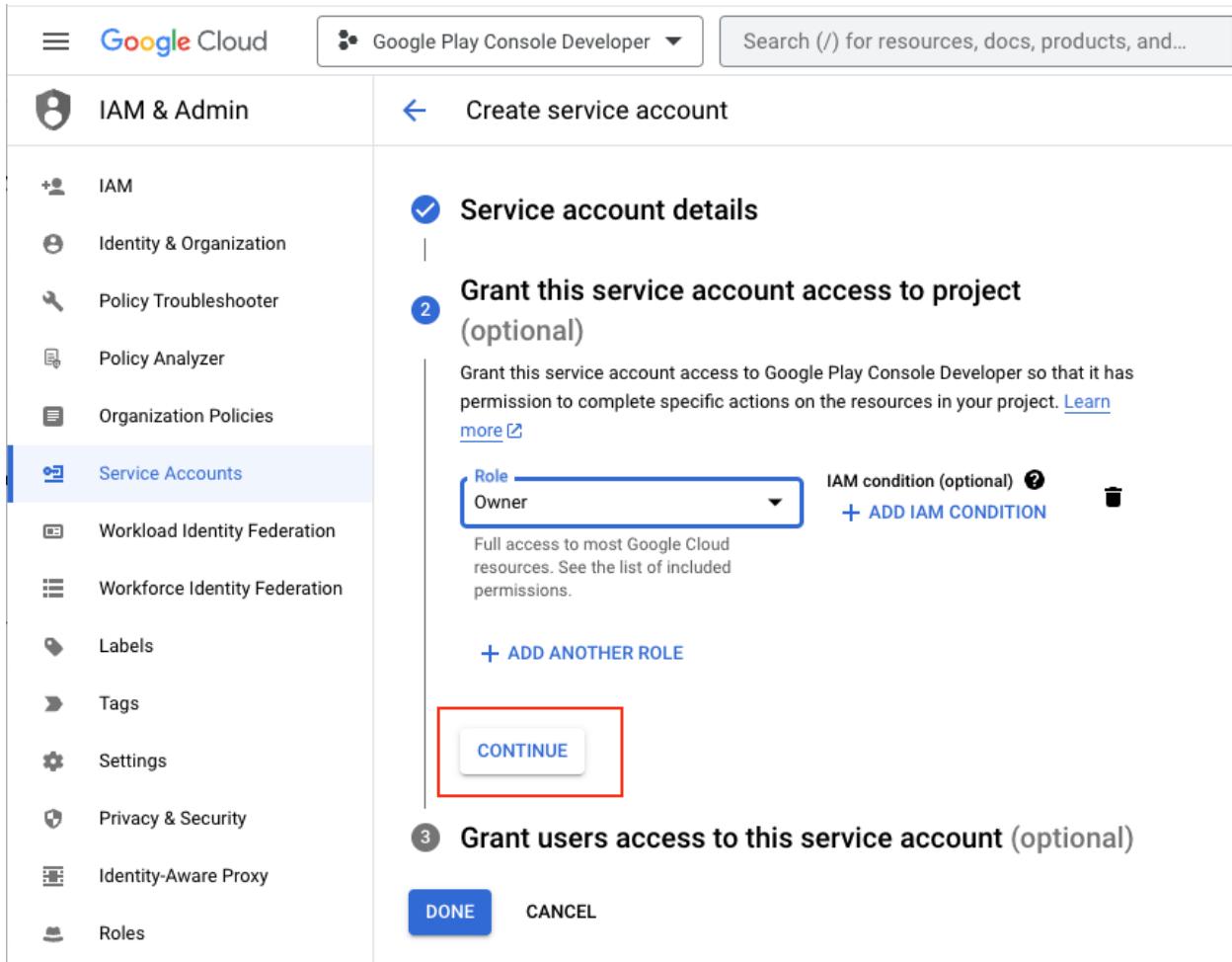
| Quick access | Roles |
|------------------------|---------------|
| Currently used | Browser |
| Basic | Editor |
| By product or service | Owner |
| Access Approval | Viewer |
| Access Context Manager | |
| Actions | |

DONE

MANAGE ROLES



7. Click on **CONTINUE**



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

IAM & Admin 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 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

Grant users access to this service account (optional)

DONE **CANCEL**

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](#)

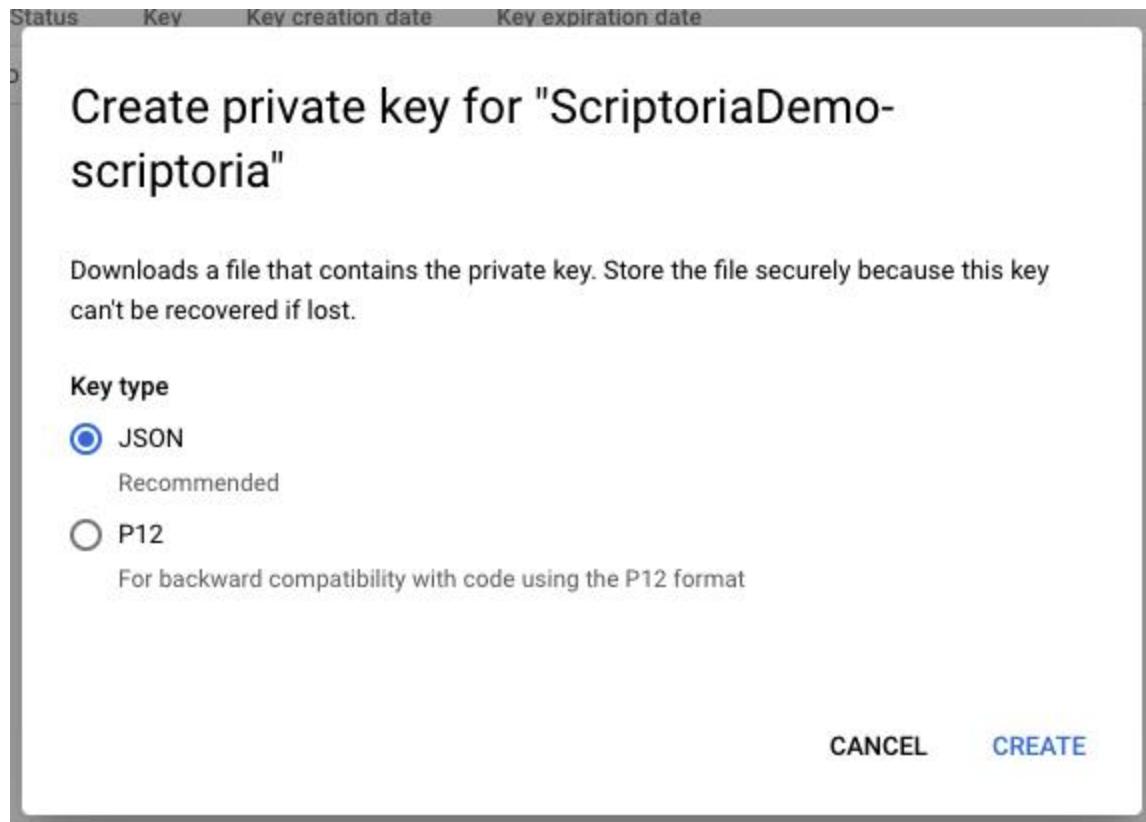
| Filter | Enter property name or value | | | | | | | | |
|--------------------------|--|---------|---------------------------|--|---------|-------------------|----------------|--------------------------------|--|
| | Email | Status | Name ↑ | Description | Key ID | Key creation date | OAuth 2 Client | Action | |
| <input type="checkbox"/> | scriptoriaDemo-scriptoria@zinc-code-410016.iam.gserviceaccount.com | Enabled | ScriptoriaDemo-scriptoria | Publish apps to Google Play using Scriptoria | No keys | 1067709269 | | Manage details | |

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

ScriptoriaDemo-scriptoria

| | DETAILS | PERMISSIONS | KEYS | METRICS | LOGS |
|-------------|--|-------------|-------------------------|-------------------------------------|--|
| Keys | <p>⚠ Service account keys could pose a security risk if compromised. We recommend you avoid downloading service account keys from this page. Instead, use the Workload Identity Federation. You can learn more about the best way to authenticate service accounts on Cloud Identity documentation.</p> <p>Add a new key pair or upload a public key certificate from an existing key pair.</p> <p>Block service account key creation using organization policies. Learn more about setting organization policies for service accounts</p> | | | | |
| | | | ADD KEY | Create new key | Key creation date Key expiration date |
| | | | | 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

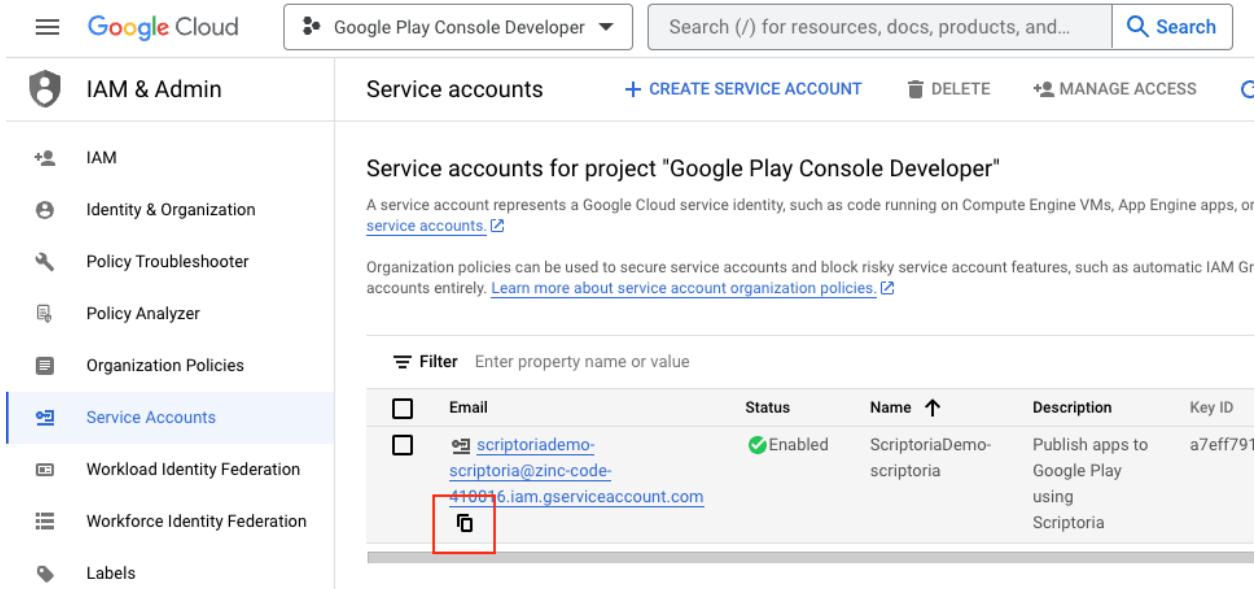
Search (/) for resources, docs, products, and...

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"

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 entirely. [Learn more about service account organization policies](#).

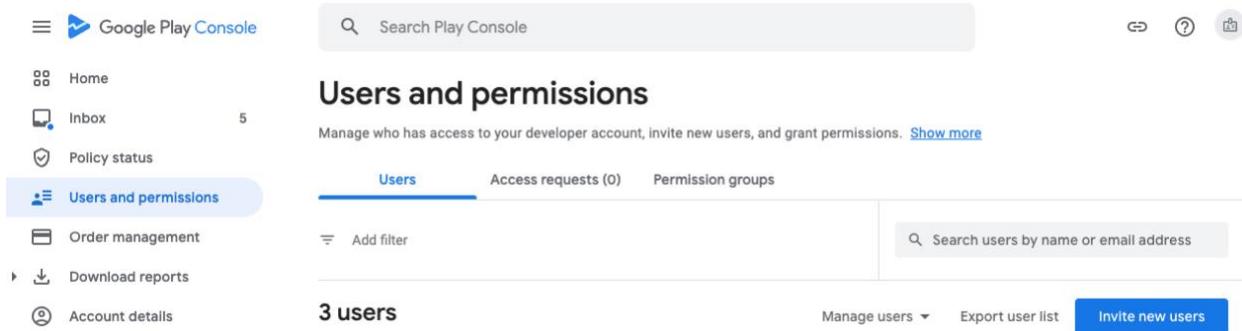
Filter Enter property name or value

| | 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](#)

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

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

← 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

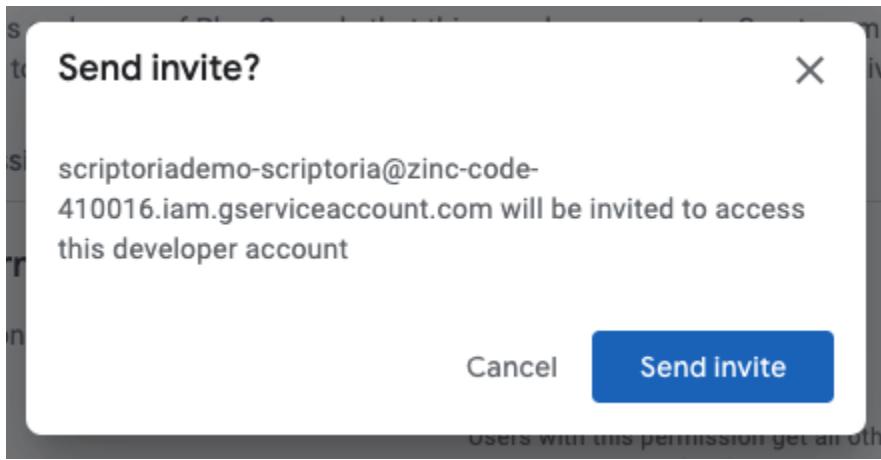
Admin (all permissions)
Users with this permission get all other permissions for your developer account. They can also invite new users to your developer account, remove users, manage all other user's permissions, change access expiry dates, and view changes made in Play Console using the activity log.

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.