



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

Steps

Login

Login to <https://play.google.com/apps/publish/> using the owner account credentials.

Linking your API project

Before you can access the API, you must link your Google Play Console to an API project. If there is already an existing API project, consult the Full documentation from Google on options. The following is for creating a new API project.

1. Go to the **API access** page
 - a. Click on **Settings** on left menu column
 - b. Click on **API access** on left menu column under **Developer account**
2. Accept the Terms of Service
3. Click **CREATE NEW PROJECT**

Setting Up API Access Clients

To use the API with Scriptoria, you must configure a service account and download an API key.

1. On the **API access** page under Service Accounts, click **CREATE SERVICE ACCOUNT**
2. The **Create Service Account** dialog will appear. Click on the **Google API Console** link in the dialog

Create Service Account

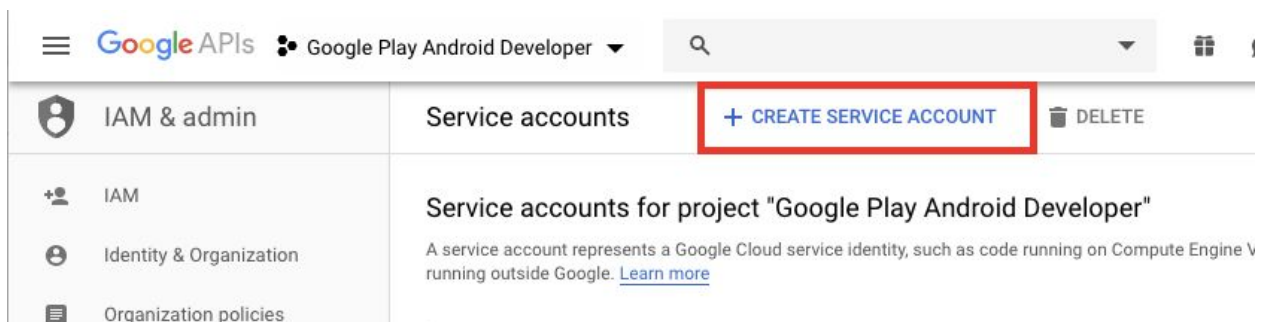
1. Navigate to the [Google API Console](#).
2. Click 'Create Service Account'.
3. Fill in the details for the service account and click 'Create'.

At this point, you will have the option to create a private key. The private key is downloaded to your machine and is the only copy of this key. You must keep the private key secure, it will be needed by your application to make API calls using your service account.

4. Click "Done" below and ensure the new service account appears in the list.

CANCEL **DONE**

3. Another browser window will be started to the Google API Console. You may need to agree to Terms of service for Google Cloud Platform.
4. Click on **+ CREATE SERVICE ACCOUNT**



The screenshot shows the Google API Console interface. The top navigation bar includes the Google APIs logo and the project name 'Google Play Android Developer'. Below the navigation bar, there is a sidebar with navigation options: IAM & admin, IAM, Identity & Organization, and Organization policies. The main content area is titled 'Service accounts' and features a '+ CREATE SERVICE ACCOUNT' button, which is highlighted with a red box, and a 'DELETE' button. Below the buttons, the text reads 'Service accounts for project "Google Play Android Developer"' and provides a brief explanation of service accounts with a 'Learn more' link.

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

Google APIs Google Play Android Developer

IAM & admin

- IAM
- Identity & Organization
- Organization policies
- Quotas
- Service accounts**
- Labels
- Settings
- Cryptographic keys
- Identity-Aware Proxy
- Roles
- Audit Logs

Create service account

- Service account details
- Grant this service account access to project (optional)
- Grant users access to this service account (optional)

Service account details

Service account name
wycliffeusa-scriptoria

Display name for this service account

Service account ID
wycliffeusa-scriptoria @api-project-715199517417.iam.gservice

Service account description
Scriptoria publishes apps to Google Play

Describe what this service account will do

CREATE CANCEL

6. Click on **CREATE**

7. Set **Service account permissions** to Project Owner and click **Continue**

The screenshot shows the Google Cloud IAM & admin console. The left sidebar contains the navigation menu with 'Service accounts' selected. The main content area is titled 'Create service account' and shows a progress indicator with three steps: 1. Service account details (checked), 2. Grant this service account access to project (optional) (active), and 3. Grant users access to this service account (optional). Below this, the 'Service account permissions (optional)' section is expanded, displaying the text: 'Grant this service account access to Google Play Android Developer so that it has permission to complete specific actions on the resources in your project. [Learn more](#)'. A 'Select a role' dialog is open, showing a list of roles. The 'Project' role is selected in the left column, and the 'Owner' role is selected in the right column. Both selections are highlighted with red boxes.

IAM & admin

Google APIs Google Play Android Developer

Create service account

✓ Service account details — 2 Grant this service account access to project (optional) —

3 Grant users access to this service account (optional)

Service account permissions (optional)

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

Select a role

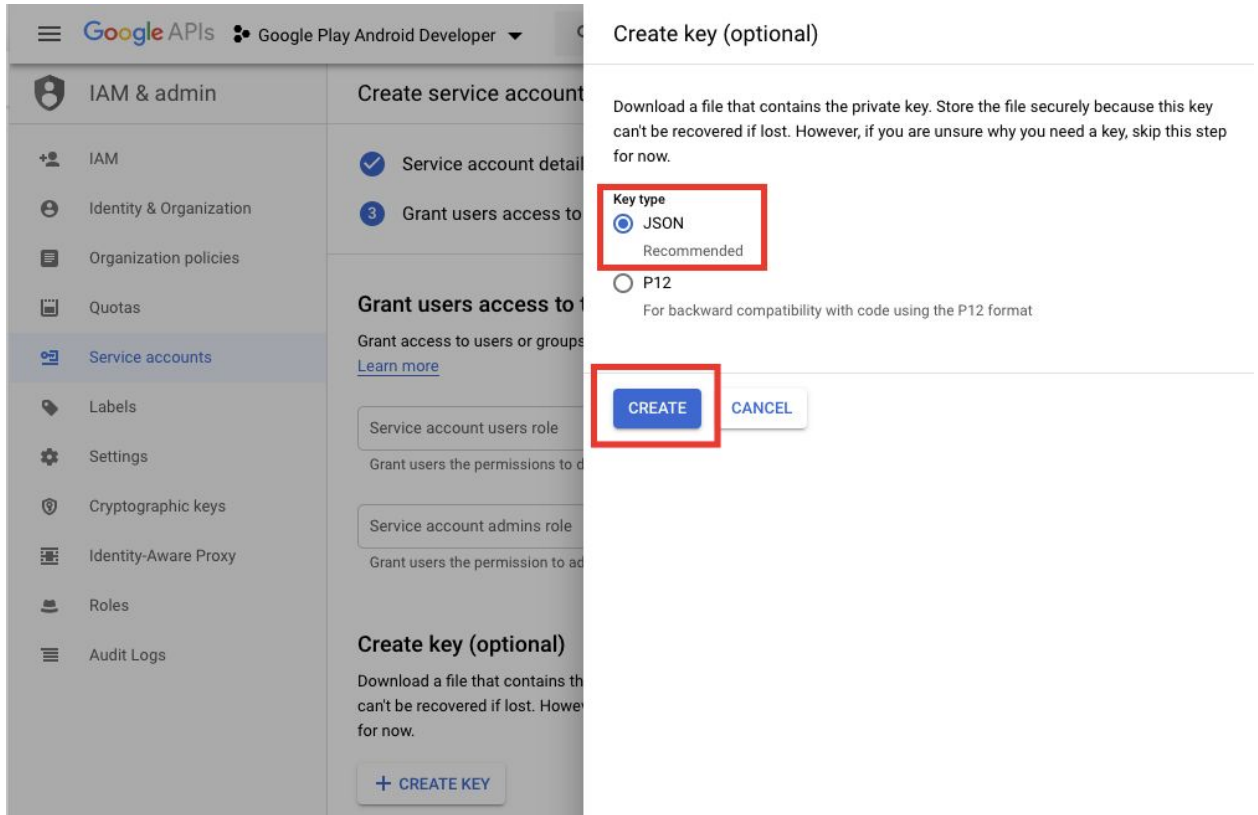
Type to filter

| | |
|--------------------|---------|
| Project | Browser |
| Access Approval | Editor |
| Android Management | Owner |
| App Engine | Viewer |
| AutoML | |

8. Click **+ CREATE KEY** (which will slide out a draw with options)

The screenshot shows the Google Cloud IAM & Admin console. The left sidebar contains a navigation menu with items: IAM & admin, IAM, Identity & Organization, Organization policies, Quotas, Service accounts (highlighted), Labels, Settings, Cryptographic keys, Identity-Aware Proxy, Roles, and Audit Logs. The main content area is titled 'Create service account' and shows a progress bar with three steps: 'Service account details' (checked), 'Grant this service account access to project (optional)' (checked), and 'Grant users access to this service account (optional)' (3). Below the progress bar, there is a section titled 'Grant users access to this service account (optional)' with the text 'Grant access to users or groups that need to perform actions as this service account.' and a 'Learn more' link. There are two dropdown menus: 'Service account users role' and 'Service account admins role'. At the bottom, there is a section titled 'Create key (optional)' with the text 'Download a file that contains the private key. Store the file securely because this key can't be recovered if lost. However, if you are unsure why you need a key, skip this step for now.' and a red-bordered button labeled '+ CREATE KEY'.

9. Use JSON Key type (default) and click **CREATE** (which will download a JSON file with the Google Play API Key).



10. Click **Done** and close browser tab for Google API Console
11. In Google Play Console browser window, click **Done** on **Create Service Account** dialog
12. A new entry should show under **Service Accounts**

Service Accounts

Service accounts allow access to the Google Play Developer Publishing API on behalf of an application rather than an end user. Service accounts are ideal for accessing the API from an unattended server, such as an automated build server (e.g. Jenkins). All actions will be shown as originating from the service account. You can configure fine grained permissions for the service account on the 'User Accounts & Rights' page.


| Email | Permissions | Modify account |
|--|---------------------|-----------------------------------|
| wycliffe-scriptoria@api-project-715199517417.iam.gserviceaccount.com | GRANT ACCESS | View in Google Developers Console |

CREATE SERVICE ACCOUNT

13. Click on **GRANT ACCESS** and choose the **Release Manager** Role (default) and click on **ADD USER**


Add a new user

Email *

Access expiry date * Never On: 

Role * ▼

After clicking on **ADD USER**, you will be redirected to the **Users & permissions** list and will see the new entry.

| | | | | |
|--|------------------------|---|-------|---|
| wycliffe-scriptoria@api-project-715199517417.iam.gserviceaccount.com | Release manager | <i>Edit store listing, pricing & distribution, Manage production releases, Reply to reviews, and 5 more</i> | Never |  ▼ |
|--|------------------------|---|-------|---|

If you navigate back to the **API access** under **Developer account**, you will see the updated entry.

wycliffe-scriptoria@api-project-715199517417.iam.gserviceaccount.com

[View permissions](#)

[View in Google Developers Console](#)

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.