













How to set up APK release signing

1. Create jks file and encode it to base64
2. Create Repository secrets

Repository secrets		
 KEYSTORE_BASE64	Updated 2 hours ago	 
 KEY_PASSWORD	Updated 2 hours ago	 
 PLAYSTORE_ACCOUNT_KEY	Updated 1 hour ago	 
 STORE_PASSWORD	Updated 2 hours ago	 

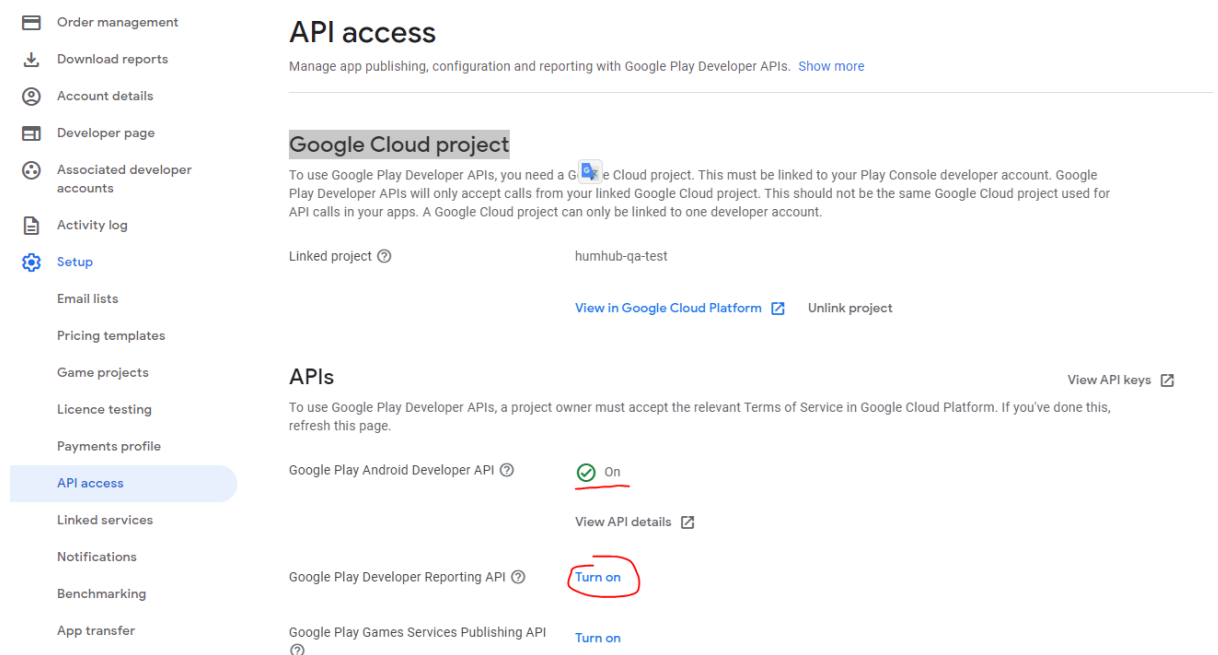
KEYSTORE_BASE64 value is base64 encoded string from 1st step.

KEY_PASSWORD is the keyPassword from 1st step when generating the jks file

STORE_PASSWORD same

PLAYSTORE_ACCOUNT_KEY is the json file generated from Google Cloud Project.

3. To link the Service account with Google Play Console's API Access, navigate to the API Access section in the Google Play Console. There, you will have the option to link the created Service account with the Google Play Console account that holds the private key. When the linking is successful, it should appear similar to the following.



The screenshot shows the Google Play Console interface. On the left is a navigation menu with 'Setup' highlighted. The main content area is titled 'API access' and includes a 'Google Cloud project' section showing a linked project 'humhub-qa-test'. Below that is an 'APIs' section with a table of API statuses:

API Name	Status
Google Play Android Developer API	On
Google Play Developer Reporting API	Turn on
Google Play Games Services Publishing API	Turn on

Turn on the first 2.

Now under the credentials service account should be visible.

Credentials

To make API calls from your linked Google cloud project, give clients the required permissions in Play Console, on the Users and permissions page. A client can be an OAuth client or a service account. [Learn more](#)

Service accounts [Learn how to create service accounts](#) [Refresh](#)

Service accounts enable access to Google Play Developer APIs by an application, instead of a user. Create service accounts in Google Cloud Platform. [?](#)

Email		
play-deployment-service@humhub-qa-test.iam.gserviceaccount.com	View in Google Cloud Platform	View Play Console permissions
play-store@humhub-qa-test.iam.gserviceaccount.com	View in Google Cloud Platform	View Play Console permissions

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OAuth clients

Allow users to log in with their own credentials, and perform API actions. Actions are tracked in Activity log, and permissions can be managed on the Users and permissions page.

OAuth brand not detected

You need to create an OAuth brand to link your API. OAuth clients that you have created will be listed here.

[Refresh OAuth consent](#) [Configure OAuth consent screen](#)

Go to **View Play Console Permissions** under **Account permissions** all the Releases permissions should be checked.

Releases

- Create, edit and delete draft apps**
This permission does not allow users to publish apps on Google Play.
- Release to production, exclude devices and use Play app signing**
Create, edit and roll out releases to production, unpublish and republish apps, exclude devices in the device catalogue, and use app signing by Google Play to sign APKs.
Users with this permission can publish apps to users on Google Play.
- Release apps to testing tracks**
Upload draft apps; create, edit and rollout releases to testing tracks; unpublish and republish apps that have already been published to a testing track; upload and modify .obb files; edit release notes for apps which are not active in production; and upload app bundles for internal sharing.
This permission does not allow users to publish apps to production on Google Play.
- Manage testing tracks and edit tester lists**
Manage users, groups and domains on tester lists, disable testing tracks, update country targeting for testing tracks, and set up uploaders and testers for internal app sharing.
This permission does not allow users to publish apps to production on Google Play.

Then go to App permissions and add the created App to use the selected service.

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](#)

App permissions [Add app](#)

Grant permissions for 1 or more apps

App	Permissions
HumHub QA com.humhub.humhub.qa	7

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