# Google Play API Setup

This document describes how to get the client credentials so that Realview created Android Apps can query the Google Play store for the status of subscriptions for your users.

These details will work for all applications owned by the gmail account used. You will only need to do it once no matter how many application you have created by Realview.

Do not delete the project or change any of the details for the project as Realview will not be able to query the status of subscriptions in the Google Play store. This will cause all your users to be denied access to you publication.

# Create a developer project.

Login to the gmail account that owns the Android Application.

Go to Google developers Console. <u>https://cloud.google.com/console/project</u>

If there is already a Realview API access project then you may have already send the required information to Realview. Just inform us what App/Publication you already have and we can copy the details from that.

Otherwise...

Create a new project

		DISMIS	SS	SIGN	UP FOR	FREE TRIAL		
	AndroidTester 👻	23	ø	8	1	E	P	
All projects								
🗸 AndroidTester	androidtester-1237							
API Project	realview.com.au:api-project-4							
MVCAuth	flawless-acre-831							
Manage all projects								
Create a project								

Enter the project name. Include something like RealviewAPI in the name so you can easily identify it when needed.

Project name	0	GooglePlayAPlAccessReak	view
Project ID		rising-medley-455	C

Go through the verification steps. SMS is easiest.

# Create your Google Client ID.

Open the project you just created by clicking on it.

# Click on



ensure "Google Play Developer API" is Enabled.

Click Enable



Google Play Android Developer API

Now click " Go to Credentials" item and select "client ID"

# Add credentials to your project

1 Find out what kind of credentials you need

We'll help you set up the correct credentials If you wish you can skip this step and create an API key, <u>client ID</u>, or service account Which API are you using?

Click "Configure Consent Screen"

Create client ID

 To create an OAuth client ID, you must first set a product name on the consent screen
 Config

Configure consent screen

### Fill in product name and hit save.

Product name shown to users

test2

Homenage LIRI (Ontional)

## Fill in the following

Enter the following value for "Authorized redirectURI" http://pac.realviewtechnologies.com/googleapi/gettoken.htm

Create client ID

#### Application type

- Web application
- Android Learn more
- O Chrome App Learn more
- iOS Learn more
- PlayStation 4
- Other

#### Name

Web client 1

#### Restrictions

Enter JavaScript origins, redirect URIs, or both

#### Authorized JavaScript origins

For use with requests from a browser. This is the origin URI of the client application. Cannot contain a wildcard (http://\*.example.com) or a path (http://example.com/subdir).

http://www.example.com

#### Authorized redirect URIs

For use with requests from a web server. This is the path in your application that users are redirected to after they have authenticated with Google. The path will be appended with the authorization code for access. Must have a protocol. Cannot contain URL fragments or relative paths. Cannot be a public IP address.

http://pac.realviewtechnologies.com/googleapi/gettoken.htm

http://www.example.com/oauth2callback



×



Click Create.

You will now have the credentials you need to create the tokens.

Clicn on Credentials.

# Generate Authorization code.

Now in a different tab in the same browser go to

http://pac.realviewtechnologies.com/googleapi/getcode.htm

client id:	
scope: https://www.googleapis.com/auth/androidpublisher	
redirect_uri: http://pac.realviewtechnologies.com/googleapi/gettoken.htm	
access_type: offline	
Submit Query	

Enter the Client ID from the google credentials page and hit submit.

Accept the consent dialog.

You will be redirected to the get token page.

# Generate Access and Refresh Tokens

You will be redirected here from the "Generate Authorization code" step.

code:	4/FW8WhM4hyPzfePqU5pB0wl_JS_JBQ6EBsbPfPOuXY0c.wizo0Vp5QPYSgrKXntQAax1KXGRJIwl
client	id:
client_	secret:
redire	ct_uri: http://pac.realviewtechnologies.com/googleapi/gettoken.htm
grant_	type: authorization_code
Subr	nit Query

Fill in the details from the consent page and hit submit. They must exactly match the credentials.

Your browser will show json structure like this.

```
https://accounts.google.com/o/oauth2/token
1{
  access_token: "ya29.1.AADtN_W2GEtjyrb6jWtHtLxCyH_9XBgyHXZUboxx3D8xSdgGqazUpUXUfGD-31
2
3
 token type: "Bearer",
4
  expires in: 3600,
  refresh token: "1/voRiAqKJvRAiAvDoDHjOcyekga9s9yBTAY9zgbD5 bA"
5
6}
{
 "access_token": "ya29.1.AADtN_W2GEtjyrb6jWtHtLxCyH_
9XBgyHXZUboxx3D8xSdgGqazUpUXUfGD-3To",
  "token_type": "Bearer",
  "expires_in": 3600,
  "refresh token": "1/voRiAqKJvRAiAvDoDHjOcyekga9s9yBTAY9zgbD5 bA"
ł
```

The JSON must have a refresh\_token. You will only receive this the first time you go through this process. You will need to delete the project and start the process again if it is not in the JSON.

Copy and paste this text, with the client\_id and client\_secret from the credentials page, into an email and send to <a href="mailto:support@realview.com.au">support@realview.com.au</a>. Here is an example email with the required data.

ioogle API crede	entials	10													
• Tahoma	ı •	10													
80		10 •	A* A	•	B /	Ū		E	Э	ŝ	IΞ			9° -	
e credentials fo	r our (you	u publish	er nam	ie) Goo	gle AP	I.									
71955954479-cf	9jc6qc16	ablag0eo	topcko	rgatkn1	y.app	s. <u>goo</u>	gleus	ercont	ent.co	m					
ret a3uIeEnNs	oVRK1V7	mDalec	1												
			5. C												
s token": "	ya29.1.	AADtN	W2GEt	jyrb6	jWtH	tLxC	YH 9	XBgy	HXZU	oxx3D	8x50	igGqaz	UgU	XUfGD-3	lo'
type": "Be	arer",	1994 I.S. 1997													
es in": 360	0,														
	71955954479-cf ret a3uleFgNs s_token": " _type": "Be	71955954479-cf9jc6qc16 ret a3uleFgNsyqVRKJVZ s_token": "ya29.1. _type": "Bearer",	71955954479-cf9jc6qc16ablag0ec ret a3uleEgNsyqVRKJVZmDqlec( s_token": "ya29.1.AADtN_ _type": "Bearer",	71955954479-cf9jc6qc16ablagOeqtopcko ret a3uleEgNsyqVRKIVZmDglecG s_token": "ya29.1.AADtN_W2GEt _type": "Bearer",	71955954479-cf9jc6qc16ablag0eqtopckorqatkn1 ret a3uleEgNsyqVRKJVZmDglecG s_token": "ya29.1.AADtN_W2GEtjyrb6 _type": "Bearer",	71955954479-cf9jc6gc16ablag0egtopckorgatknlv.app ret a3uleEgNsygVRKIVZmDqlecG s_token": "ya29.1.AADtN_W2GEtjyrb6jWtH _type": "Bearer",	71955954479-cf9jc6qc16ablag0eqtopckorqatkn1v.apps.goo ret a3uleEgNsyqVRKJVZmDqlecG s_token": "ya29.1.AADtN_W2GEtjyrb6jWtHtLxC _type": "Bearer",	71955954479-cf9ic6qc16ablagOeqtopckorqatkn1v.apps.googleus ret a3uleEgNsyqVRKIVZmDglecG s_token": "ya29.1.AADtN_M2GEtjyrb6jWtHtLxCyH_9 _type": "Bearer",	71955954479-cf9jc6qc16ablag0eqtopckorqatkn1v.apps.googleusercont ret a3uleEgNsyqVRKJVZmDqlecG s_token": "ya29.1.AADtN_W2GEtjyrb6jWtHtLxCyH_9XBgy _type": "Bearer",	71955954479-cf9ic6qc16ablagOeqtopckorqatkn1v.apps.googleusercontent.co ret a3uleEgNsyqVRKIVZmDglecG s_token": "ya29.1.AADtN_W2GEtjyrb6jWtHtLxCyH_9XBgyHXZUP _type": "Bearer",	71955954479-cf9jc6qc16ablagQeqtopckorqatkn1v.apps.googleusercontent.com ret a3uleEgNsyqVRKIVZmDqlecG s_token": "ya29.1.AADtN_W2GEtjyrb6jWtHtLxCyH_9XBgyHXZUboxx3D _type": "Bearer",	71955954479-cf9jc6qc16ablagOeqtopckorqatkn1v.apps.googleusercontent.com ret a3uleEgNsyqVRKJVZmDqlecG s_token": "ya29.1.AADtN_W2GEtjyrb6jWtHtLxCyH_9XBgyHXZUboxx3D8xSc _type": "Bearer",	71955954479-cf9jc6qc16ablagOeqtopckorqatkn1v.apps.googleusercontent.com ret a3uleEgNsyqVRKIVZmDqlecG s_token": "ya29.1.AADtN_W2GEtjyrb6jWtHtLxCyH_9XBgyHXZUboxx3D8xSdgGqaa _type": "Bearer",	71955954479-cf9jc6qc16ablagOegtopckorqatkn1v.apps.googleusercontent.com ret a3uleEgNsyqVRKIVZmDglecG s_token": "ya29.1.AADtN_W2GEtjyrb6jWtHtLxCyH_9XBgyHXZUboxx3D8xSdgGgazUpU _type": "Bearer",	71955954479-cf9jc6qc16ablag0eqtopckorqatkn1v.apps.googleusercontent.com ret a3uleEgNsyqVRKIVZmDglecG s_token": "ya29.1.AADtN_W2GEtjyrb6jWtHtLxCyH_9XBgyHXZUboxx3D8xSdgGqazUpUXUfGD-37 _type": "Bearer",

Do not delete the project or change any for the details of the project as Realview will not be able to query the status of subscriptions in the Google Play store. This will cause all your users to be denied access to you publication.