



Google Drive Pre-Requisites

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Google Drive Pre-Requisites

Overview

To enable the Google Drive integration with FrogLearn some initial steps will need to be configured within the school's Google tenancy. This will include the generation of an API key.

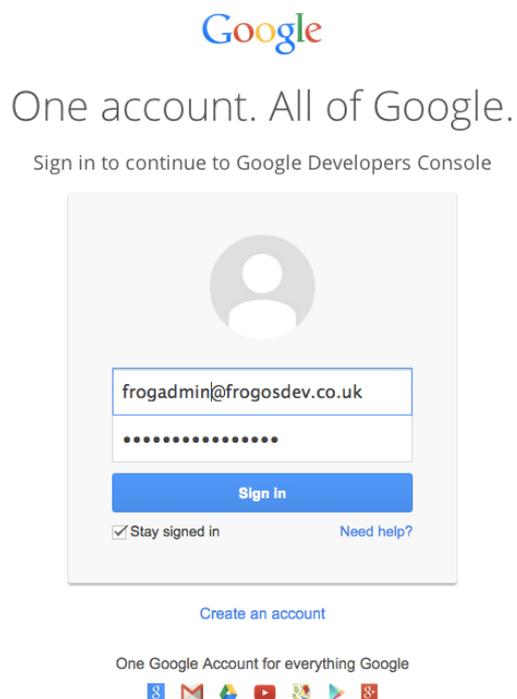
The Google Drive integration also supports single sign on and can be achieved in one of two ways:

- Sign in with Frog – Allows a user to access their Google account with their Frog login credentials.
- Sign in with Google – Allows a user to sign in to Frog using their Google login credentials.

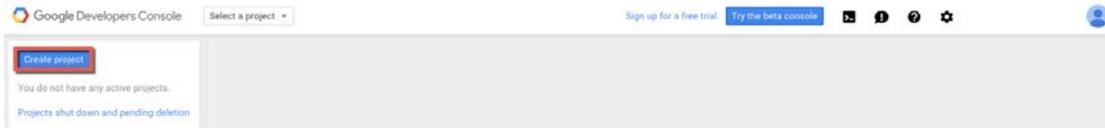
Should you be interested in either of these single sign on options then please contact Frog to receive additional documentation.

How-to

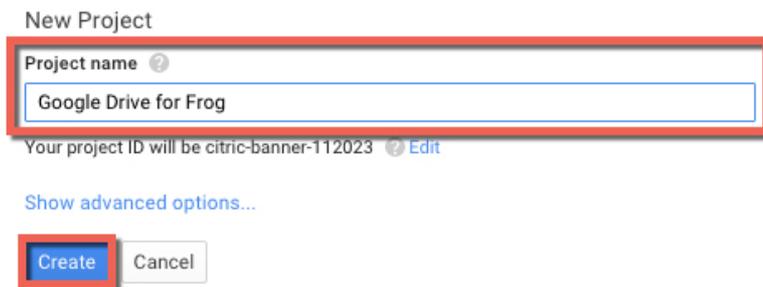
To generate the required API key, navigate to the URL <https://console.developers.google.com>. Log in using your school's Google administrator account.



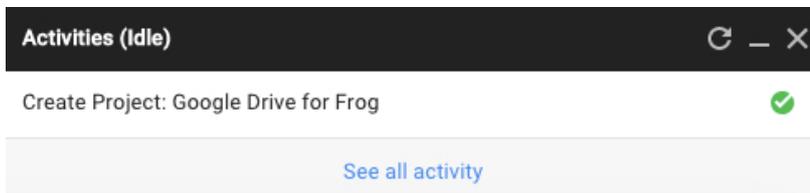
Once logged in to the Google Developers Console select the **Create project** button.



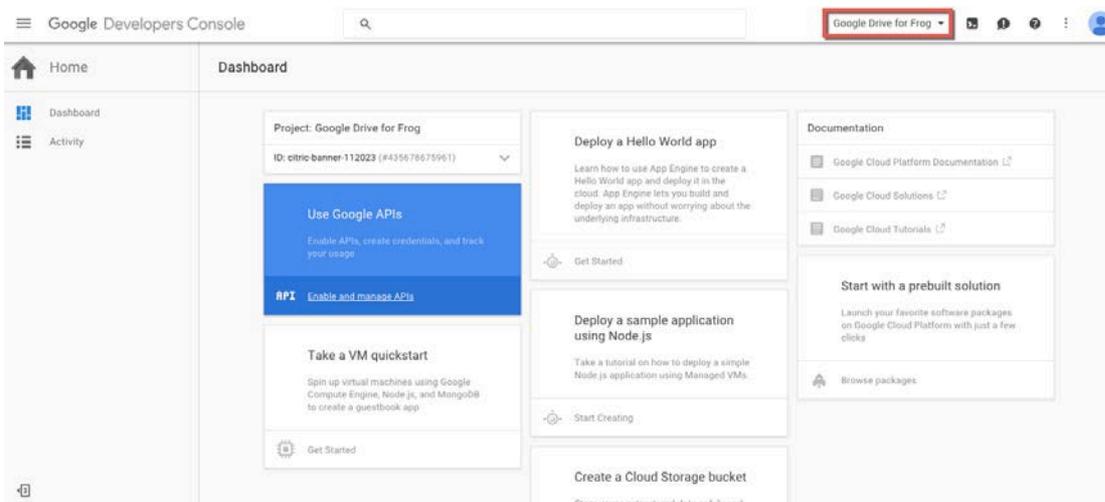
A pop-up window will appear asking you to enter a project name. The project name will only be referenced in the Google Developers Console therefore it is recommended that you choose a name that will have meaning. For example, **Google Drive for Frog**. When happy with the project name entered click on the **Create** button.



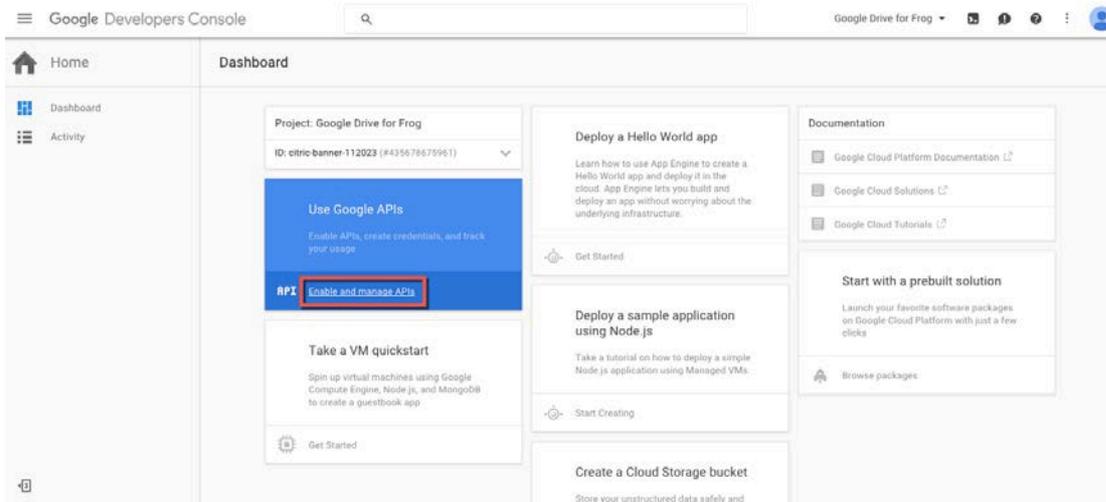
The Activities pop-up window should now display the current status of project creation with a green tick.



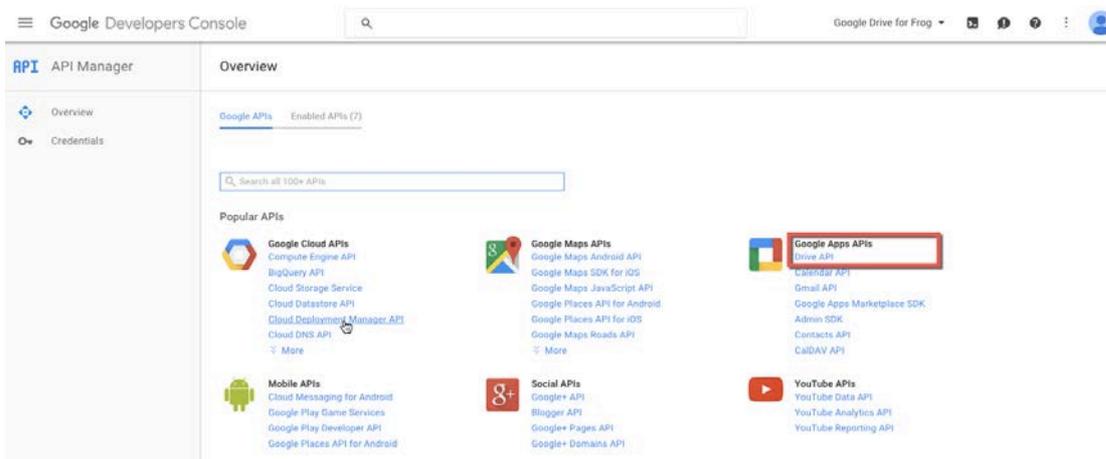
Your project name will now display within the header of the Google Developers Console, and you will see all available options for configuration.



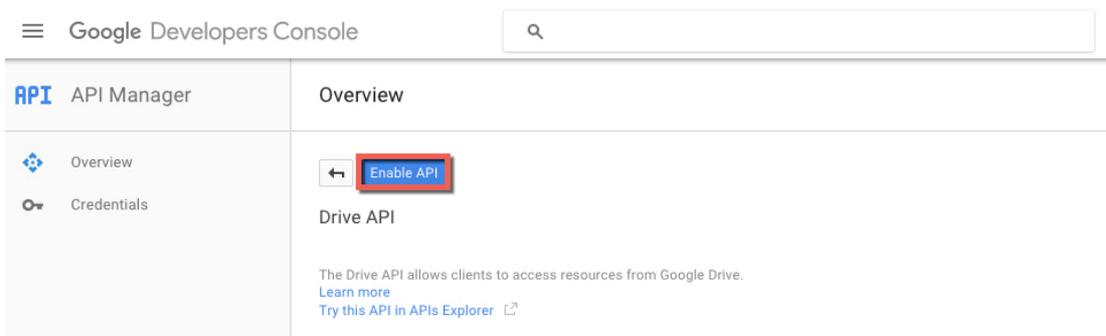
Select the **Enable and manage APIs** link.



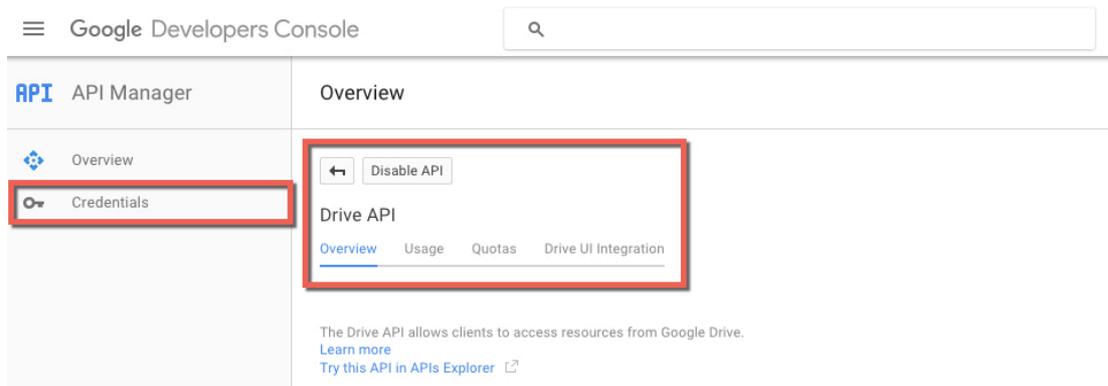
Go to the section **Google Apps APIs** and select the **Drive API** link.



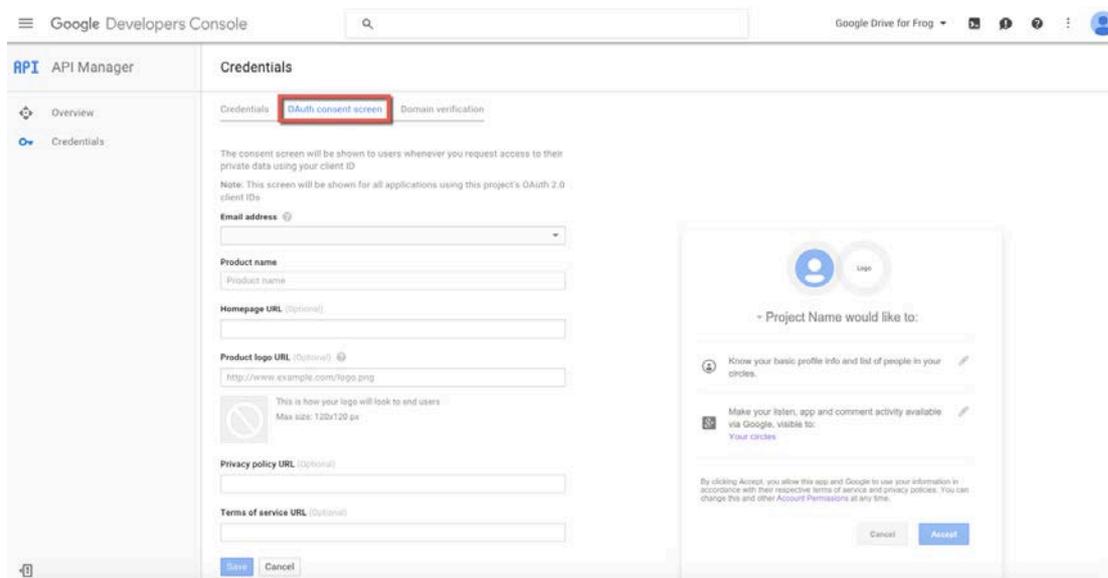
Select the **Enable API** button to enable the API.



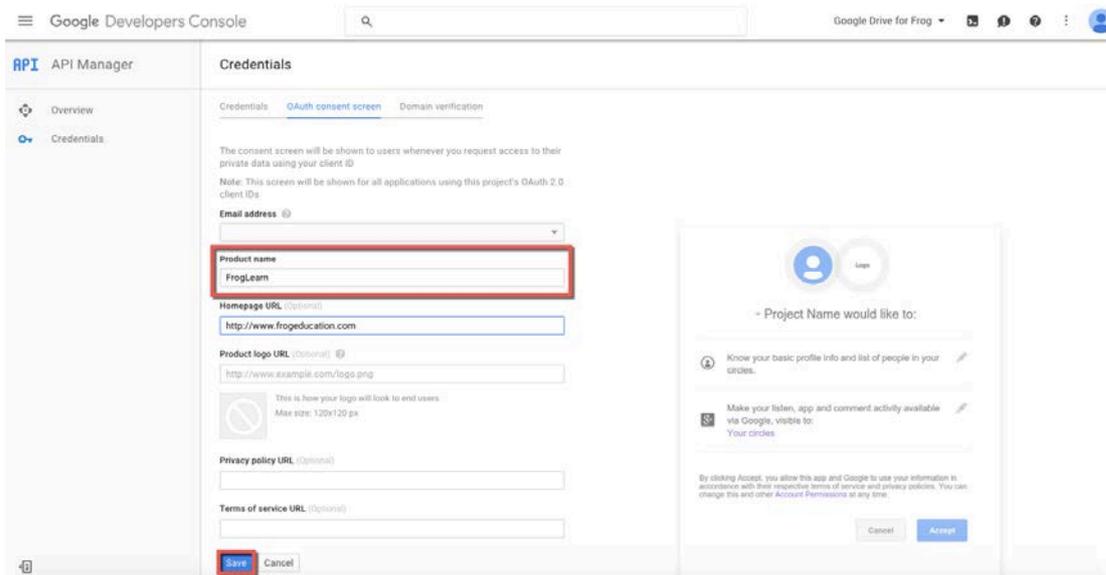
The Drive API is now enabled. Next select **Credentials** from the menu on the left-hand side.



The Credentials page will be displayed. Select the **OAuth consent screen** tab.

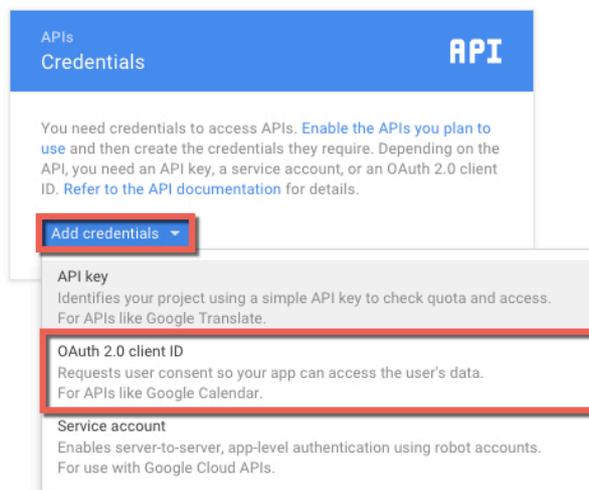


The consent screen information will be displayed to users when they create a Google document via FrogDrive. Therefore the information you enter here should have meaning to the end user. The only field that is compulsory is the **Product name**, which in this example is **FrogLearn**. You may wish to fill out the other optional items such as a homepage URL, logo etc. but this will be a school choice. Once happy with the information click on the **Save** button.



The changes will be saved and you will be automatically redirected to the Credentials tab. The Credentials page will allow for the creation of the client ID and client secret data that will be needed to configure Google Drive within FrogLearn. Click on the **Add credentials** drop-down list and then select **OAuth 2.0 client ID**.

Credentials OAuth consent screen Domain verification

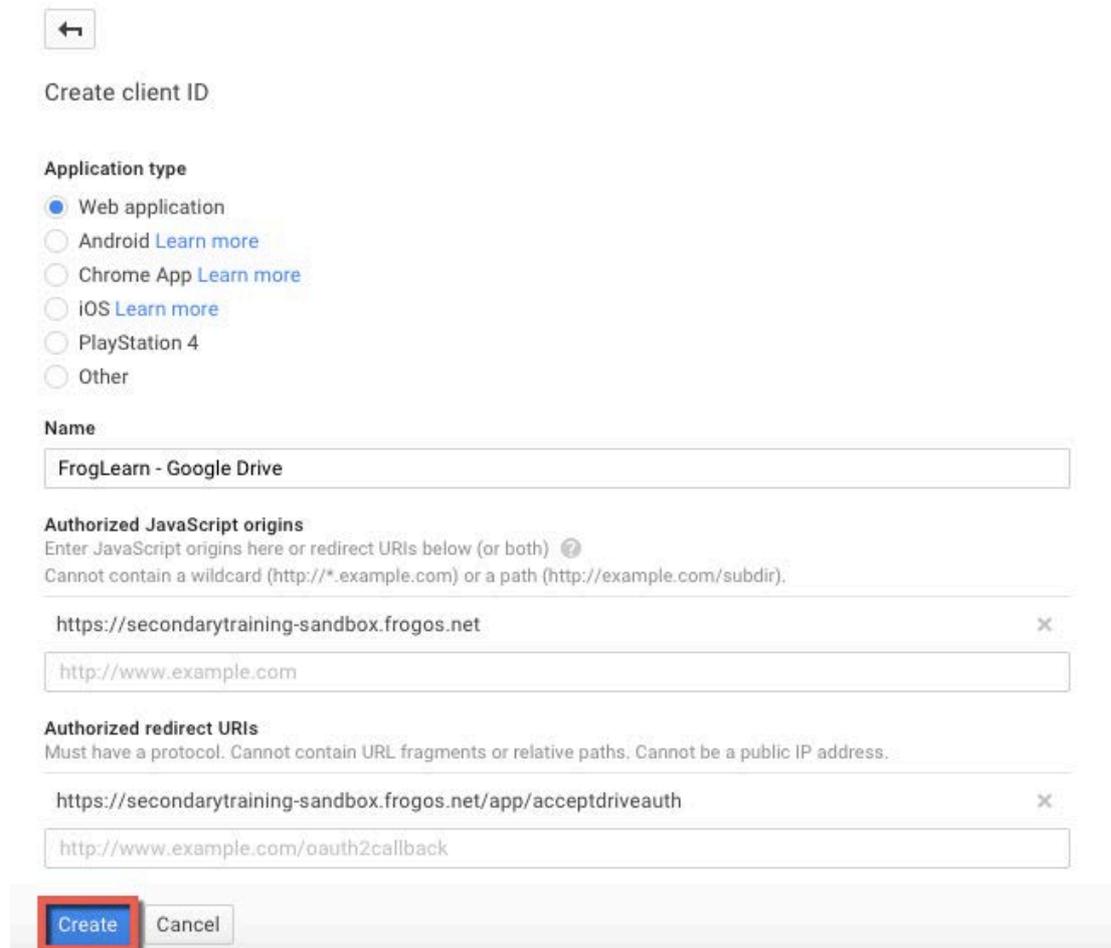


The **Create client ID** page is displayed. Complete the following options:

- Application type – Select the radio button next to **Web application**.
- Name – Enter the name for the client ID (e.g. **FrogLearn – Google Drive**).
- Authorized JavaScript origins – Enter the URL of your FrogLearn platform (e.g. <https://secondarytraining-sandbox.frogos.net>).

- Authorized redirect URIs – Enter the FrogLearn URL with the following appended /app/acceptdriveauth (e.g. <https://secondarytraining-sandbox.frogos.net/app/acceptdriveauth>).

When happy with the information entered click on the **Create** button.



←

Create client ID

Application type

Web application

Android [Learn more](#)

Chrome App [Learn more](#)

iOS [Learn more](#)

PlayStation 4

Other

Name

FrogLearn - Google Drive

Authorized JavaScript origins

Enter JavaScript origins here or redirect URIs below (or both) ?

Cannot contain a wildcard (http://*.example.com) or a path (http://example.com/subdir).

https://secondarytraining-sandbox.frogos.net x

http://www.example.com

Authorized redirect URIs

Must have a protocol. Cannot contain URL fragments or relative paths. Cannot be a public IP address.

https://secondarytraining-sandbox.frogos.net/app/acceptdriveauth x

http://www.example.com/oauth2callback

Create Cancel

Once the new Client ID has saved the details will be displayed. Take a copy of the **client ID** and **client secret** information. This information will be required when activating Google Drive within FrogLearn. When you have copied the information click on the **OK** button.

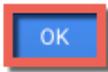
OAuth client

Here is your client ID

```
435678675961-0a11u3ip6rm5s5if3v2eosp6i9bfs6gc.apps.googleusercontent.com
```

Here is your client secret

```
b6aNzFs3N11Lg7HhnmWgyibK
```

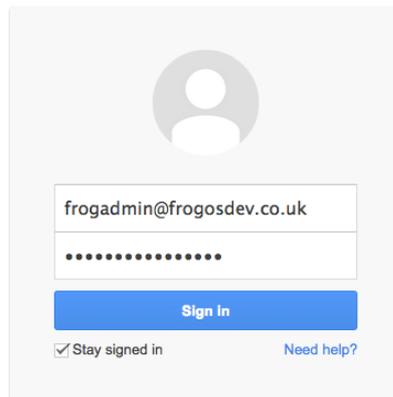


Next we will need to enable the API access within your school's Google tenancy. In a browser navigate to the URL https://google.com/a/<Google_domain> and log in as your Google administrator (e.g. <https://google.com/a/frogosdev.co.uk>).



One account. All of Google.

Sign in with your Google Account

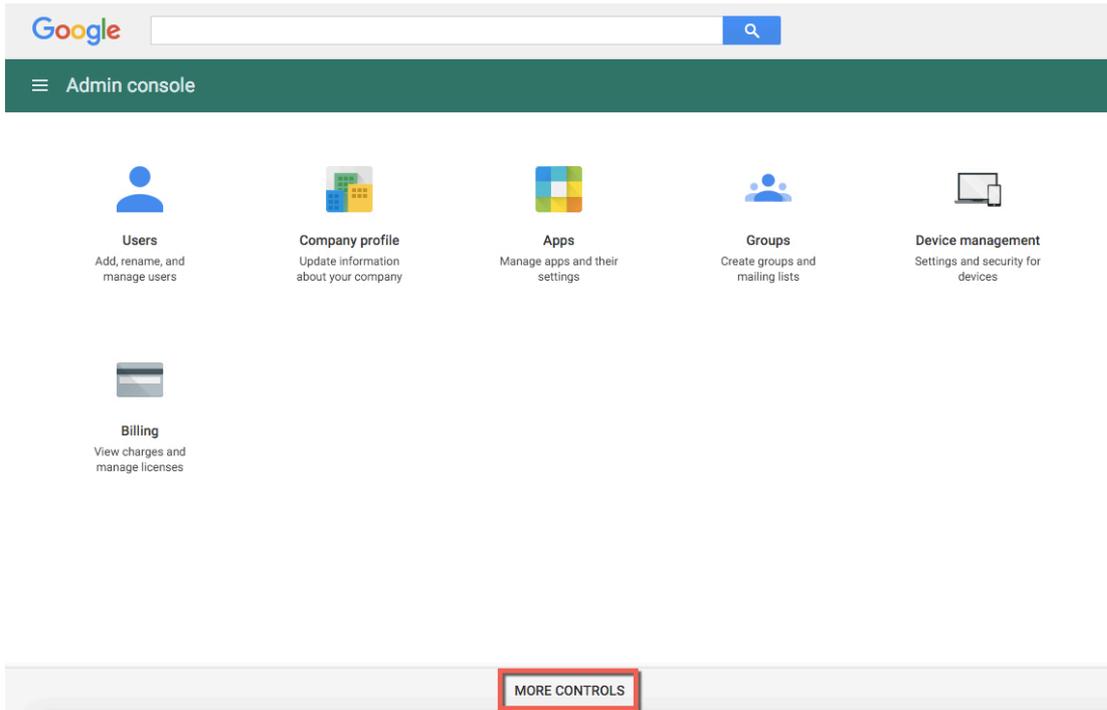
A sign-in form with a grey background. At the top is a grey circle icon representing a user profile. Below it are two input fields: the first contains the email address "frogadmin@frogosdev.co.uk" and the second contains a series of dots representing a password. A blue "Sign in" button is positioned below the password field. At the bottom left of the form is a checked checkbox labeled "Stay signed in" and a blue link "Need help?" is at the bottom right.

[Create an account](#)

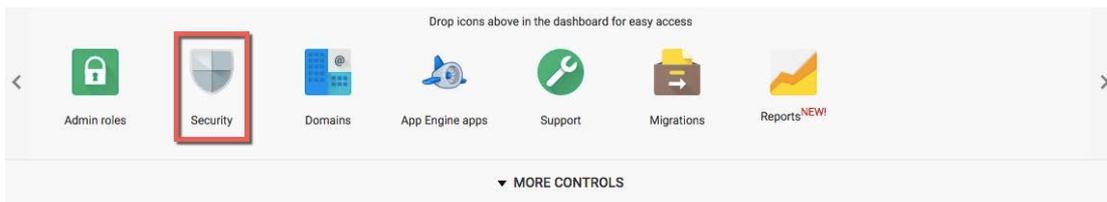
One Google Account for everything Google



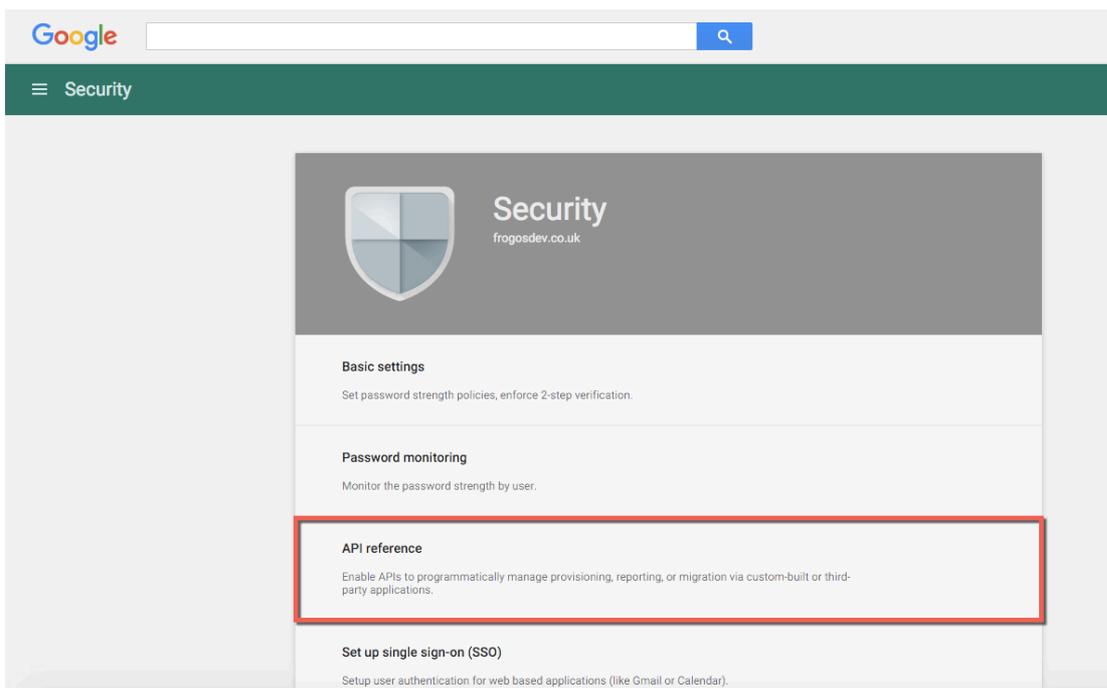
After logging in to the Google admin console click on the **MORE CONTROLS** link at the bottom of the page.



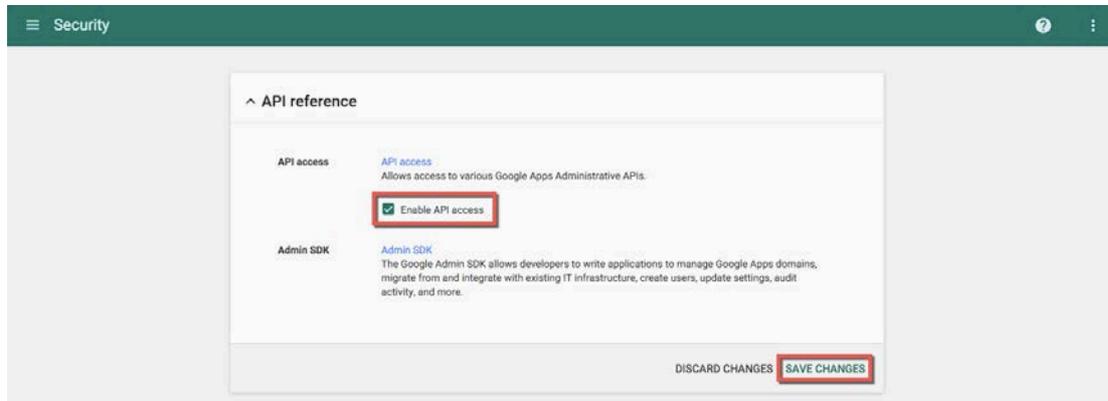
A panel of additional administrative tools will appear. Select the **Security** icon.



From the Security options select the option **API reference**.



Under the section **API access** select the checkbox next to **Enable API access**. Then select the **SAVE CHANGES** button at the bottom of the page.



Please refer to the document **Google Drive Preferences** for next stages of the Google Drive integration.