



Impero EdLink

Chromebook Configuration Guide

September 2018

EXTERNAL



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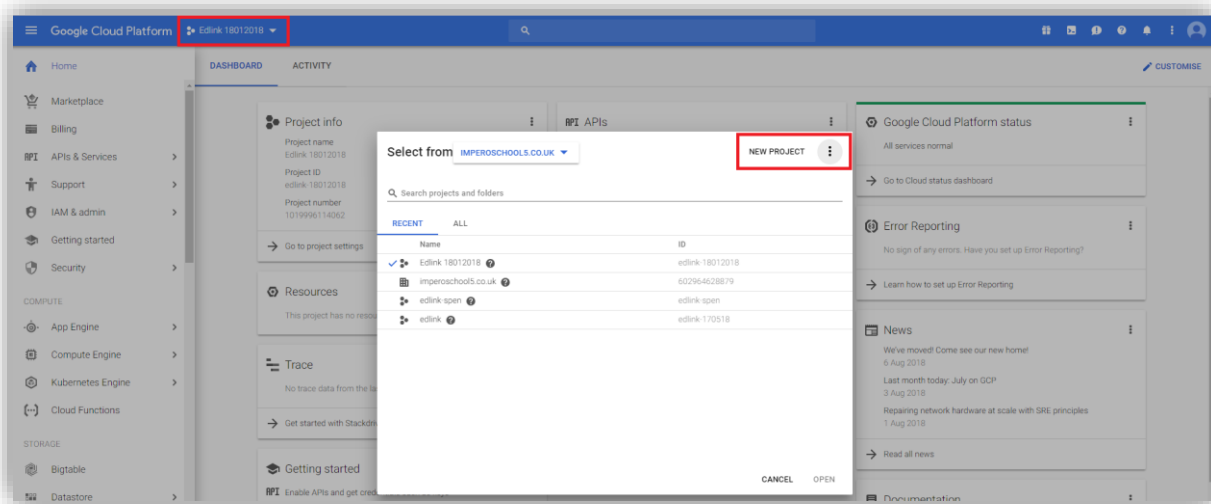
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Chromebook Onboarding – Google Cloud Platform

In order to manage Chromebooks through the School Dashboard, you need to authorise the school dashboard to see users and assigned Chromebooks under a Google Apps for Education domain. This allows the dashboard to pull in the list of users and devices registered under your Google domain. See <https://gsuite.google.com> for details to create a G-Suite domain.

Adding the respective JSON is a four stage process requiring admin access to both console.cloud.google.com, your Google Apps admin console and finally uploading the JSON into the EdLink school admin dashboard.

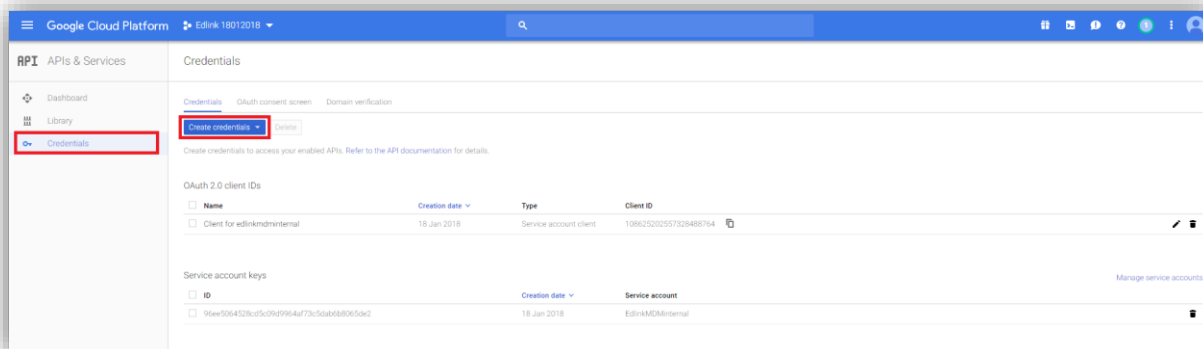
- Log in as an admin user at <https://console.cloud.google.com>. This email address will also be referenced in the school dashboard.
- Click **Create a Project**.



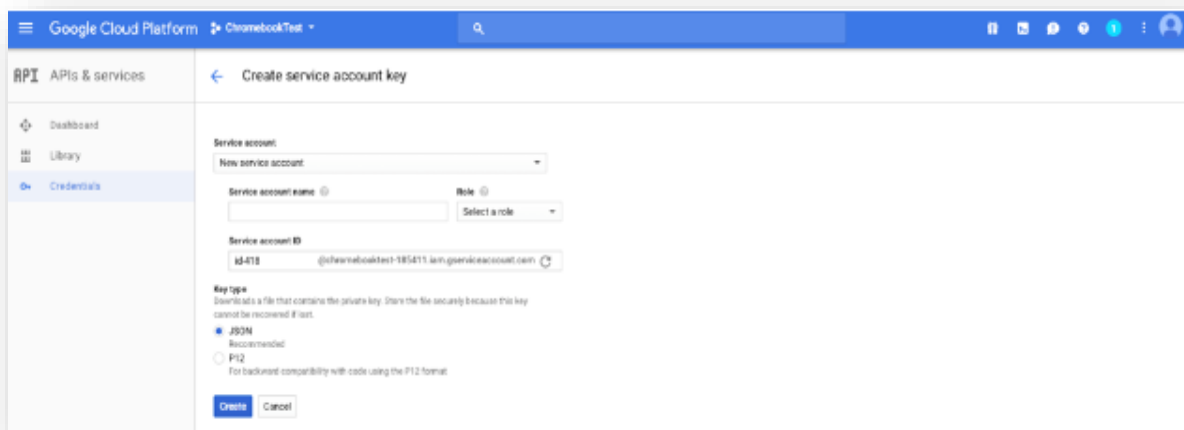
- Give your project a name that you will recognise in future.
- In the API Manager overview, search for the Admin SDK API in the search box. It should be the first API listed.



- Click on Admin SDK and then Enable.
- Once you have clicked Enable, you may see this screen. Do not click on the 'Go to Credentials' box, click on Credentials on the left (circled).



- Navigate to 'Create Credentials' and choose Service account key from the drop down menu.
- Choose Service account key. You will be taken to the following screen.

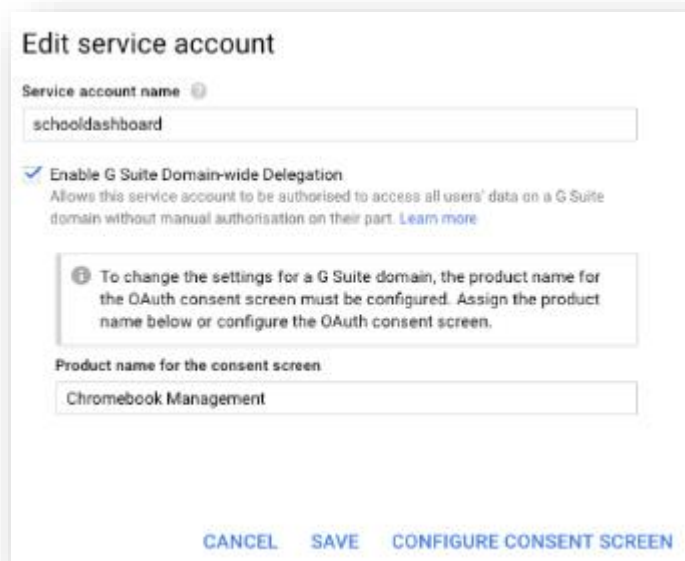


- Enter the service account name and select Project > Owner from the Role dropdown menu. Click **Create a Project**.
- Once you have clicked on Create, a new private key will be downloaded to your computer. Keep this JSON safe. You will upload it into the school dashboard.

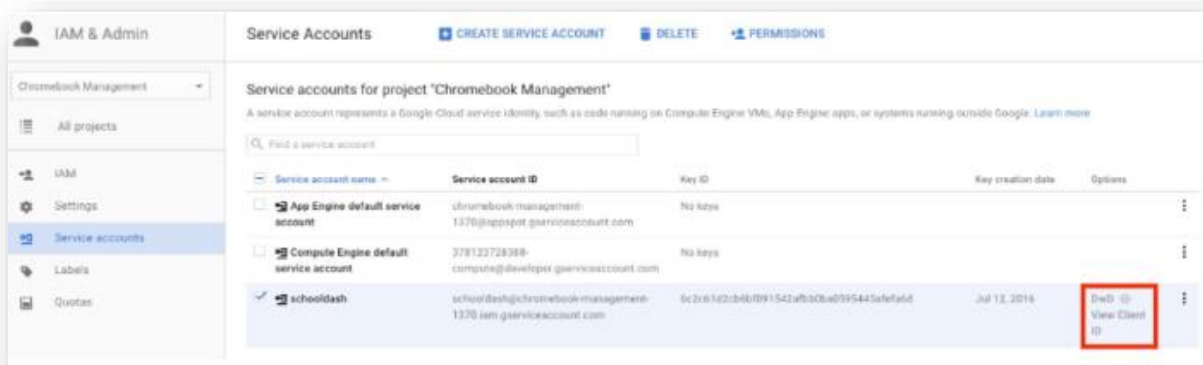
- You will see your recently created service account key listed. Click on 'Manage service accounts' on the right-hand side.



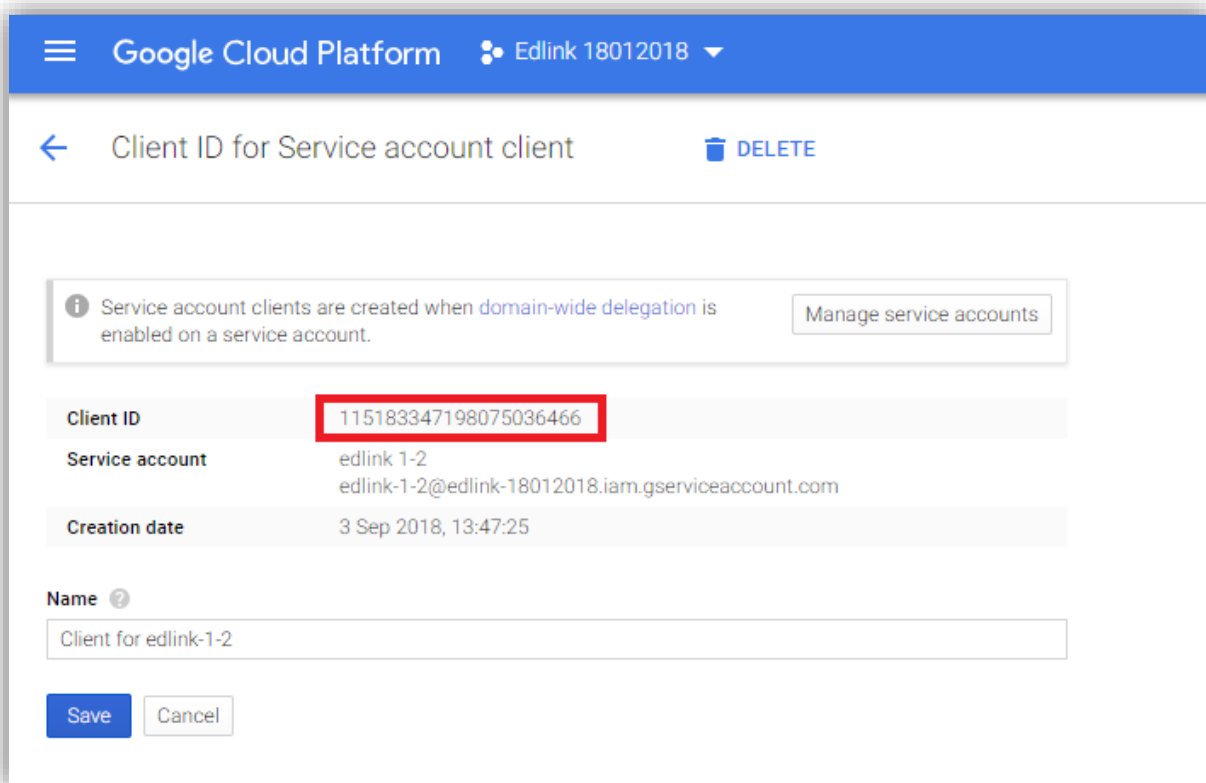
- Click manage Service Accounts, then Select Edit from the right-hand side menu of your newly created service account.
- Enable Google Apps Domain-Wide Delegation. This will enable you to manage all the Chromebooks on your domain. Give a Product name for the consent screen.



- Once you have successfully saved this information, you will be returned to the following screen with the following Options enabled.

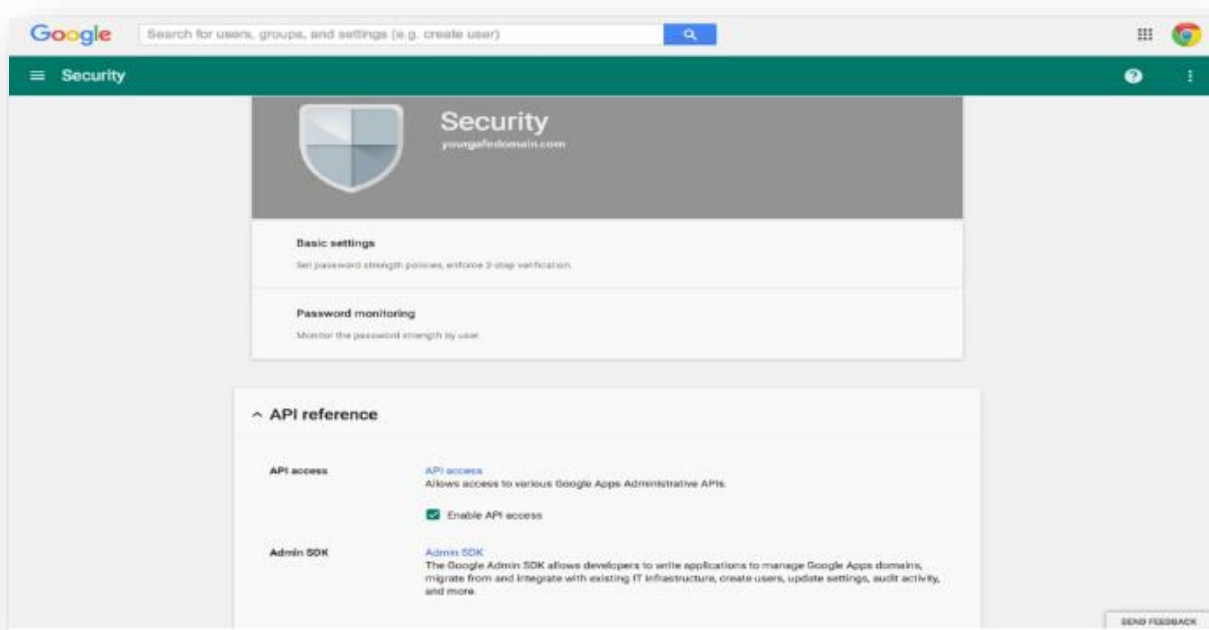


- Navigate to the top left menu and select **API's and Services > Credentials**
- This will show you the newly created OAuth client ID. You will use this in the Admin Console for your Google Apps domain.
- Select and Copy the client ID.

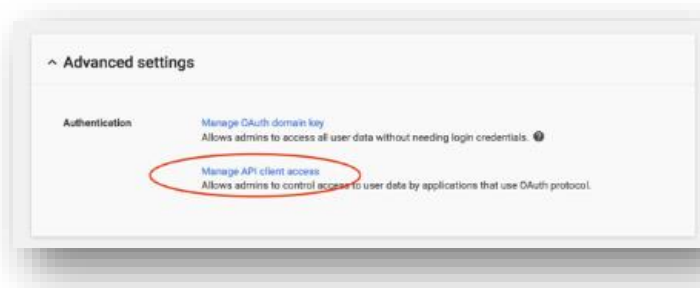


Google Apps for Education Admin Console

- Login to the Admin Console for your Google Apps for Education domain. (<https://admin.google.com>)
- Set up an organisational unit for students if you have not already done so. The students sub organisation must sitting directly under your main domain. (See <https://support.google.com/a/answer/182537> for details on how to set up an organisational unit)
- Click on Security and access the API reference section. Ensure that 'Enable API access' is selected. If not, enable now.

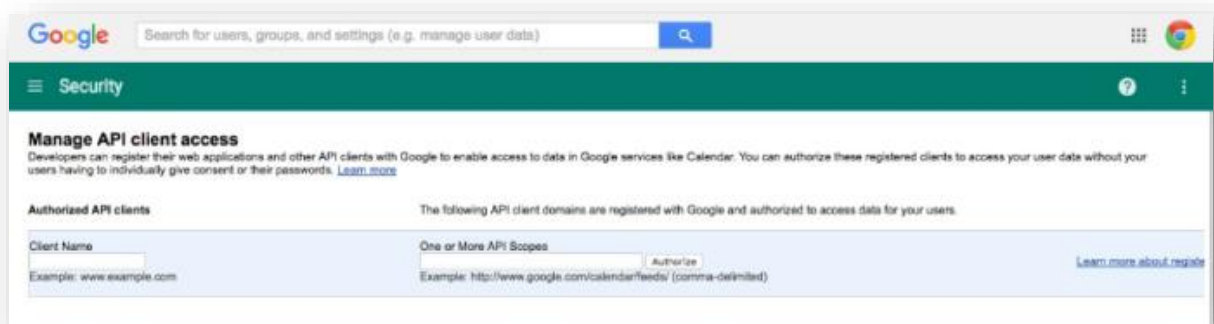


- Navigate to Advanced Settings>Manage API client access



- Paste the Client ID that you had copied from the developer console into the Client Name

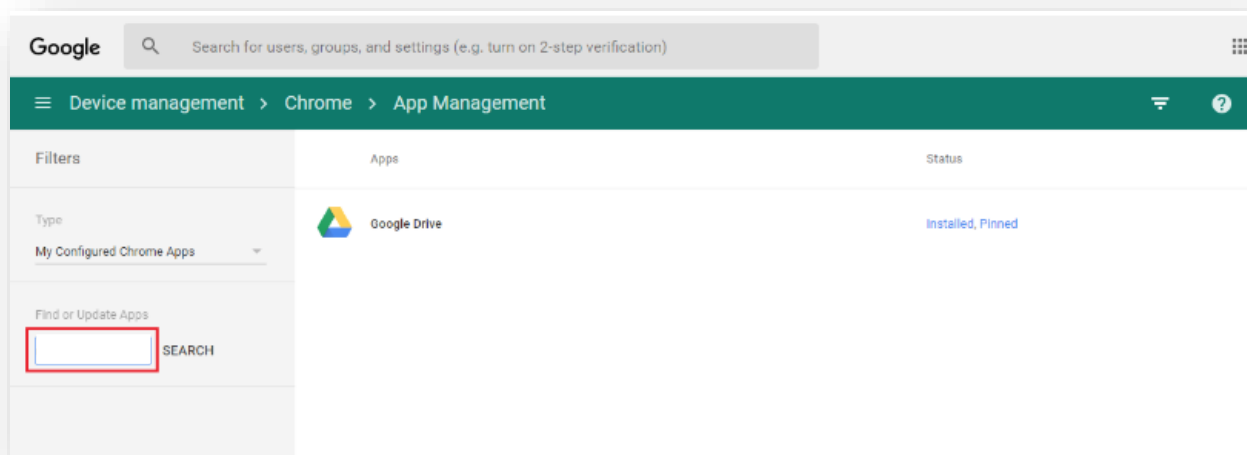
- Copy and paste the following scopes into the API Scope box and click 'Authorise' (copy these one after the other with a comma, do not enter one at a time)



<https://www.googleapis.com/auth/admin.directory.device.chromeos>,
<https://www.googleapis.com/auth/admin.directory.user>,
<https://www.googleapis.com/auth/admin.reports.audit.readonly>,
<https://www.googleapis.com/auth/admin.reports.usage.readonly>,
<https://www.googleapis.com/auth/admin.directory.orgunit>,
<https://www.googleapis.com/auth/admin.directory.orgunit.readonly>

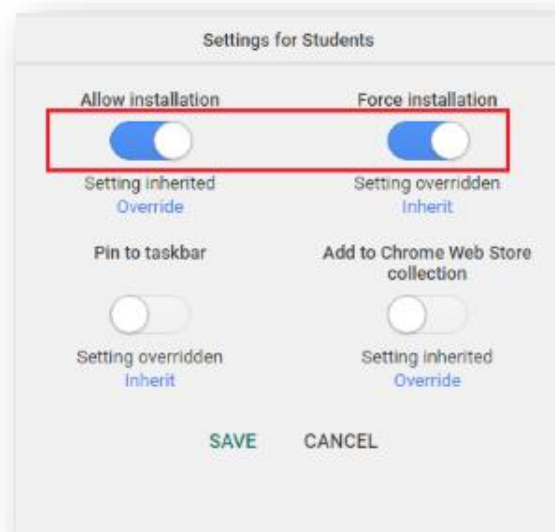
Configuring the EdLink Application

- Sign in to the [Google Admin console](#)
- Click **Device management > Chrome Management > App management**



- Click the **Find or Update Apps** input and enter Edlink.
- Click the **Search** link.
- Click on the **EdLink** application.
- Select the category of settings you want to configure, it is recommended that both categories are set up:
 - **User settings:** Configure the app for users who log in with an account in your domain.
 - **Public session settings:** Configure the app for users that log in to a public session on your devices.
- Click the **User settings** link.
- Verify the details correspond with the organisation's domain structure.
- Click on the **Students** organisational unit, if this is not available, this must be set up under the domain.

- We now need to specify how the EdLink application is installed, it is recommend that the application is force installed.



- Click the **Save** link to save the changes.
- Click the **App Management** link.
- The EdLink application should now show installed within App Management.

Sync Users and Devices

- Navigate to **Settings>ChromeBook Settings**

Uploading your JSON auth file and syncing users and devices are the final steps in setting up your Chromebooks. Please follow [these instructions](#) to generate your JSON auth file.

Load JSON Auth

Google domain admin email address

Google domain admin email address

User Organizational Unit Path

Device Organizational Unit Path

User Organizational Unit Path

Device Organizational Unit Path

Save Changes

- Upload the JSON file you created earlier, and fill out the required fields

ChromeBook MDM Settings Manage ChromeBook config

Sync Users Sync Devices

Google client ID: 102808636921600505830 Copy scopes

- Click Sync Users and Sync Devices.
- Navigate to Students > All Students
- Student(s) should be imported, with the tag added for the organizational unit that the student is under.

Students Manage all the students in your school

Add new Bulk Upload

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Search students Search

	FIRST NAME	LAST NAME	YEAR	TAGS	LAST SEEN	DEVICES	
<input type="checkbox"/>	Gez	Vaughan	7	iPad 11	17 days ago	Gez's iPad	
<input type="checkbox"/>	Student	1	3	G-Suite User	9 months ago	None	
<input type="checkbox"/>	Student	2	3	G-Suite User		None	

- Navigate to **Devices>All Devices**
- Device(s) should be imported, with the tag added for the organizational unit that the device is under.
- The Chromebook setup process in EdLink dashboard is now complete.

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