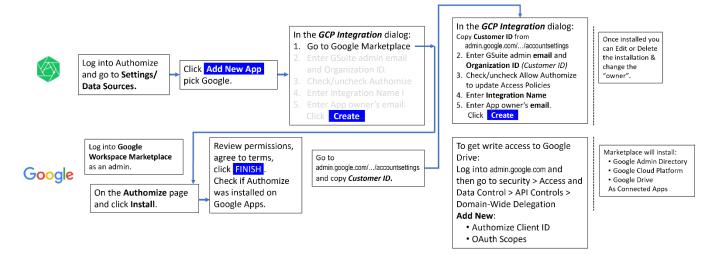
## **Integrating Google with Authomize**

Integration with Google will provide visibility about your organization's identities and assets and their access across all of your Google stack, such as your cloud resources in GCP, your data in Google Drive, and your identities and their connected applications in your Google Admin Directory.

# **Google integration workflow**



### Installation

#### Start in Authomize

- 1. Log into Authomize
- 2. Go to Settings/Data Sources and click Google Admin Directory.

<b>%</b>		<b>@</b> 0 A
< Back to Dashboard Settings	<b>Recommended Apps</b> Authomize has identified these apps in your organization	Add New App
⊭લ INTEGRATIONS	G Google Admin Dire	
Data Sources		

3. Alternatively, click Add New App. and then select the Google Admin Directory.

Pick an App			
Q Search			
Δ	٥	G	0
Google Drive	Google Cloud Platform	Google Admin Directory	Okta

This opens the Update Google Cloud Platform Integration dialog.

4. In the Integrate Google Cloud Platform dialog:

Step 1. Click Go to Google store.

Update Google Cloud Platform integration	() Setup Guide
1. As a G Suite admin, install the Authomize app Visit our setup guide for more information ① Go to Google store	

This open's Google's Marketplace (to the Authomize page).

### **Continue in Google Marketplace**

1. On the Authomize page in GCP Marketplace (gsuite.google.com/u/0/marketplace/app/authomize/923330393623) click Admin Install.

	Authomize	Admin install
Authomize	Authomize helps you manage your G Suite permissions sprawl. By: Authomize 🛿	Individual install
	Listing updated: November 10, 2022	
	A This application requires administrator privileges to be insta	lled. <u>Learn more</u> 🖸

If you agree to installing Authomize across your Google Workspace, click **Continue**.

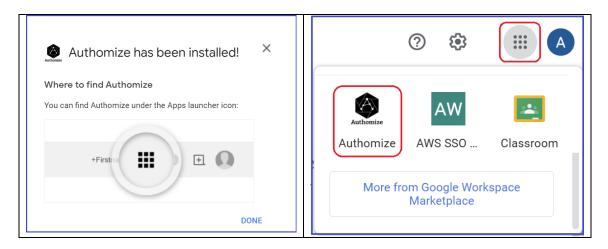
Admin install
You are about to install this app for an entire Google Workspace domain or for selected organizational units and groups. All users of the Google Workspace domain, organizational units, or groups you select will have access to this app. Single-account installation is not supported for Google Workspace administrator accounts.
It may take up to 24 hours for this app to be installed for your entire Google Workspace domain, organizational units, or groups.
Authomize needs your permission in order to start installing.
By clicking Continue, you acknowledge that your information will be used in accordance with the terms of service and privacy policy of this application.
CANCEL CONTINUE

2. At this point, a list of all the permissions needed by Authomize for the integration are displayed. To continue, click the agree checkbox and then click **FINISH**.

	Authomize							
You	You are granting <b>Authomize</b> the right to access your data:							
4	See information about your Google Drive files	(j)						
81	See, edit, share, and permanently delete all the calendars you can access using Google Calendar	Ú.						
0	View customer related information	í						
0	View domains related to your customers	(j)						
0	View group subscriptions on your domain	i						
0	View groups on your domain	í						
0	View and manage notifications received on your domain	(j)						
0	View organization units on your domain	(j)						
0	View delegated admin roles for your domain	(i)						
0	See info about users on your domain	(j)						
0	View user schemas on your domain	i						
0	View audit reports for your G Suite domain	(j)						
0	See, edit, configure, and delete your Google Cloud data and see the email address for your Google Account.	i						
	See your primary Google Account email address	i						
•	See your personal info, including any personal info you've made publicly available	(j)						
Insta	ll the app automatically for the following users							
۲	Everyone at your organization							
0	Certain groups or organizational units Select users in the next step							
	I agree to the application's Terms of Service, Privacy Policy, and Google Workspace Marketplace's Terms Service							
C/	ANCEL	'						

**Note**: You can use GCP to limit these further.

3. If, at this point, you go to Google Apps ( ... ), you will see that Authomize was installed.

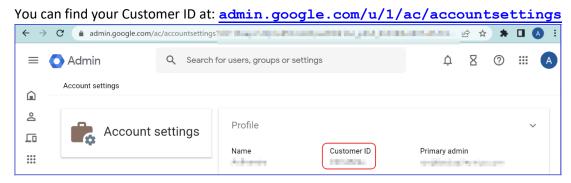


### Return to Authomize GCP Integration page

4. Fill in the remaining steps with info from GCP.

late Google Cloud Platform integration	<ul> <li>Setup Guid</li> </ul>
میں بر اور اور اور اور اور اور اور اور اور او	a contraction and a second
2. Insert the G Suite admin email and the organization ID	
Please insert the organization tenant id	
G Suite admin email address *	
No. 2010/00/00/00/00	
The organization ID *	
CER-war	
3. Advanced support	
Visit our setup guide for more information	
Allow Authomize to update access policies	
4. Set an integration Name	
<ol> <li>Set an integration Name</li> <li>If set, the integration will get a unique name</li> </ol>	
Integration name	
integration name	
5. Pick Owner	
The App Owner is considered the resource owner access review campaigns and security incidents	
Contact email *	
Q	×
	Cancel Upda

#### Step 2. Enter GSuite admin email address and Organization ID.



Step 3. Check/uncheck the Allow Authorize to update access policies.

**Step 4.** Enter a name for this integration

Step 5. Enter an integration owner's email.

Click ...Integrate..

5. Integration will continue in the background. You can come back to check progress.at any time. When Google is integrated you will see three entries in your Connected Apps list.

-	ected Apps		
<b>Q</b> Search			
<b>G</b>	:	O	: Google Drive
Google A	Admin Directory	Google Cloud Platform	
Status	Synced ⊘	Status Synced ⊘	Status Synced ⊘
Last sync	-	Last sync -	Last sync -
Owner	-	Owner -	Owner -
Type	Built by Authomi	Type Built by Author	Type Built by Authomi

### What data is collected

#### **Google Admin Directory**

- User Data
  - o User name
  - o User admin roles
  - o Last login
- User Groups
  - o Group name
  - o Group member name

#### **Google Cloud Platform**

- Cloud Assets
- GCP Account
- Server Names

#### **Google Drive**

- Personal drives
- Shared drive
- Files/Folders permissions
- Who has access to them

#### **Google Calendar**

- Personal calendar names
- Shared calendar names
- Who can see calendars

## **Enabling Write Access (File Share Removal Policies)**

In order to enable file-sharing policies to take automatic remediation actions, Authomize needs write access to Google Drive. To do so:

- 1. Login to Google Admin console: <u>https://admin.google.com.</u>
- 2. Security -> Access and data control -> API controls -> Domain-wide Delegation
- 3. Click on Add new and add the following details:
  - Client ID: 117121108233648975035

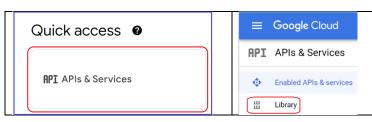
	<ul> <li>OAuth score</li> </ul>	opes: ht	tps://www.go	ogleapis.com/ai	uth/drive	
=	🔿 Admin	Q Search for users, groups or settings				
		Security > AF	Pl Controls > Domain-wide Delega	tion		
Â	Home					
먦	Dashboard			eir web applications and other API cl consent or their passwords.	lients with Google to enable access to data in Google services like Gmail. You can authorize these registered cli	
8	Directory		having to maintability give	consent of their passwords.		
	Devices		API clients Add new	Download client info		
	Apps					
0	Security		+ Add a filter			
	Overview		Name	Client ID	Scopes	
	Alert center		Authomize	117121108233648975035	/auth/drive	
	Authentication		Test App	110193457625487276131	/auth/cloudplatformorganizations.readonly/auth/admin.directory.customer.readonly	
	<ul> <li>Access and data control</li> </ul>					
սե	Reporting		Test service account Google on	104781757406950770159	/auth/admin.directory.customer.readonly/auth/admin.directory.domain.readonly +13 More	
8	Billing					

This additional set of permissions is used solely for revoking file shares.

# **Enabling Google APIs**

If you need to enable Google APIs for your project, do this:

- 1. Go to console.cloud.google.com/
- 2. Click the API & Services button, and then go to the API Library.



3. Search for one of the APIs you will need.

	🗣 My First Project 🔻	٩	1	>.
API API Library		Q DRIVE X		
API Library > "DRIVE"				
= Filter Type to filter	11 resu	S		
Visibility	^	Google Drive API Google		
Public	(11)	With the Google Drive API, you can access resources from Google Drive to create files, manage file sharing, search for files and folder	s, and r	nore.

4. Click on it and Enable. it.

arr Google Cloud	
÷	
	Google Drive API
	Create and manage resources in Google Drive.
	ENABLE TRY THIS API

5. If you succeeded, you will see this:

	Google Drive API The Google Drive API allows clients to access resources from Google Drive. By Google					
Service name drive.googleapis.o om	Type Public API	Status Enabled	OVERVIEW 🛛	QUICKSTARTS 🗹	API REFERENCE 🛛	ØTRY IN API EXPLORER ☑
METRICS QU	OTAS CREDENTIA	S DRIVE UI INTEGRATION				
Select Graphs 2 Graphs Filters: Versions v1, v2, v2	beta, v2internal, 🔻	Credentials Unspecified, Anonymous, V	1 hour Methods 408 options select		day 2 days 4 days 7	7 days 14 days 🗸 30 days

- 6. Repeat these steps for those services that you want Authomize to fetch data from, such as:
  - Admin SDK API

- Identity and Access Management APIs
- <u>Cloud Resource Manager API</u>
- Cloud Logging APIs
- <u>Cloud Asset APIs</u>