Google Cloud Storage API Provider Setup

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Before you can authenticate an instance of the Google Cloud Storage connector, you must set up API credentials and create a bucket.

Receiving Authorization Credentials

- 1. Access console.cloud.google.com and sign in with your Google credentials.
- 2. On the navigation panel on the left side, click 'APIs & Services'.
- 3. Create a new project. Enter the 'Project Name'. Enter your organization. Click 'Create'.

New Project	
Project name *	
My Project 58644	
Project ID *	
lucky-pursuit-252007	C
Project ID can have lowercase letters, digits, or hyphens. It must star letter and end with a letter or number.	t with a lowercase
Organization	
cloud-elements.com	0
This project will be attached to cloud-elements.com.	
Location *	
cloud-elements.com	BROWSE
Parent organization or folder	
CREATE	

- 4. You have created a Project. Locate your '**Project ID**' in the **Project Info** section under the **Dashboard** tab.
- 5. Head back to the 'APIs & Services' page, as in step 2. Click 'Enable APIs and Services'.

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		Cloud SQL						
		Cloud Storage						
		Google Cloud APIs						
		Google Cloud Storage JSON API						
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6. Search for '**Storage**' APIs and enable whichever APIs fit your use-case. Some examples are shown below.

← Search		Q, stor	×
Filter by	18 results		
CATEGORY Big data (2) Databases (1) Developer tools (1)		Cloud Storage Google Google Cloud Storage is a RESTful service for storing and accessing your data on Google's	
Developer tools (1) Google Cloud APIs (3) G Suite (1) Maps (1)		Google Cloud Storage JSON API Google Lets you store and retrieve potentially-large, immutable data objects.	
Security (1) Storage (5)	•	Storage Transfer API Google Transfers data from external data sources to a Google Cloud Storage bucket or between Google	
	NetApp	NetApp Cloud Volumes API NetApp, Inc. Simple to consume, cloud-native file storage service	
		Google Play Android Developer API Google Manage your app in the Google Play Store	

In the below example, we are enabling the 'Google Cloud Storage JSON API'.

≡ Google Cloud Pla	atform 💲 MYPROJECT 👻	٩
🔶 API Library		
	Google Cloud Storage JSON API Google Lets you store and retrieve potentially-large, immutable data object	S.

- 7. Next, on the navigation panel, click 'OAuth Consent Screen'.
- 8. Enter the details of your project in the console that appears next and click **Save** or **Submit for verification**.
- 9. Click 'Credentials' > 'Create credentials' and then 'OAuth client ID'.



- 10. Select **Web Application** as the application type on your next screen. Once you enter the name of the application and the redirect URI, click **Create**.
- 11. You will receive the OAuth credentials.

OAuth client The client ID and secret can always be accessed from Credentials in APIs & Services OAuth is limited to 100 sensitive scope logins until the OAuth consent screen is published. This may require a verification process that can take several days. Here is your client ID Here is your client secret

Creating a Bucket

1. On the Dashboard tab, in the Resources section, click 'Storage'.

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2. Click on the Create Bucket button in the page that opens.

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3. Configure the details of your bucket in the console that appears and click **Create**.

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- •	Create a bucket
t	Name your bucket Pick a globally unique, permanent name. <u>Naming guidelines</u>
1	Ex. 'example', 'example_bucket-1', or 'example.com'
	Choose where to store your data
	 Choose a default storage class for your data
	 Choose how to control access to objects
	 Advanced settings (optional)
	CREATE CANCEL

Use the bucket name in the filemanagement.provider.bucket_name parameter as identified in the Authenticate a Connector Instance article.