

# Google Cloud Storage API Provider Setup

Last Modified on 03/16/2020 3:39 pm EDT

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](https://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'.

The screenshot shows the 'New Project' form in the Google Cloud Platform console. The form has the following fields and elements:

- Project name \***: Input field containing 'My Project 58644'. A red arrow points to the right side of the field.
- Project ID \***: Input field containing 'lucky-pursuit-252007'. A red arrow points to a refresh icon on the right side of the field.
- Organization**: Input field containing 'cloud-elements.com'. A help icon (?) is on the right.
- Location \***: Input field containing 'cloud-elements.com'. A 'BROWSE' button is on the right.
- Buttons**: 'CREATE' and 'CANCEL' buttons at the bottom. The 'CREATE' button is highlighted with a red box.

Below the Project ID field, there is a note: 'Project ID can have lowercase letters, digits, or hyphens. It must start with a lowercase letter and end with a letter or number.'

Below the Organization field, there is a note: 'This project will be attached to cloud-elements.com.'

Below the Location field, there is a note: 'Parent organization or folder'.

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'.

The screenshot shows the 'APIs & Services' page in the Google Cloud Platform. At the top, there is a blue header with 'APIs & Services' and a red-bordered button labeled 'ENABLE APIS AND SERVICES'. Below the header, there are three charts: 'Traffic', 'Errors', and 'Median latency'. Each chart has a y-axis and an x-axis (showing dates from Aug 11 to Sep 01) and a warning message: 'No data is available for the selected time frame'. Below the charts is a table of APIs with columns for Name, Requests, Errors (%), Latency, median (ms), and Latency, 95% (ms). The table lists several APIs including BigQuery API, BigQuery Storage API, Cloud Datastore API, Cloud SQL, Cloud Storage, Google Cloud APIs, Google Cloud Storage JSON API, and Service Management API.

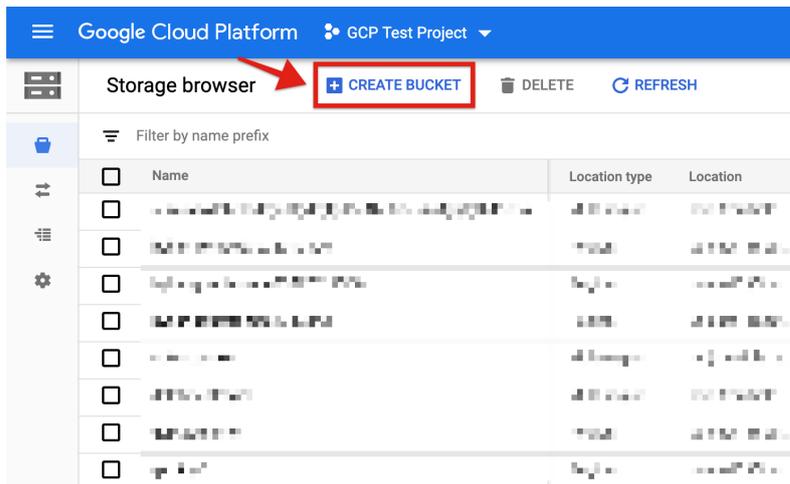
6. Search for 'Storage' APIs and enable whichever APIs fit your use-case. Some examples are shown below.

The screenshot shows the search results for 'stor' in the Google Cloud Platform. The search bar at the top contains 'stor'. Below the search bar, there is a 'Filter by' section with '18 results'. The search results are listed in a table-like format. The first three results are highlighted with a red box: 'Cloud Storage' (Google), 'Google Cloud Storage JSON API' (Google), and 'Storage Transfer API' (Google). Below these are 'NetApp Cloud Volumes API' (NetApp, Inc.) and 'Google Play Android Developer API' (Google).

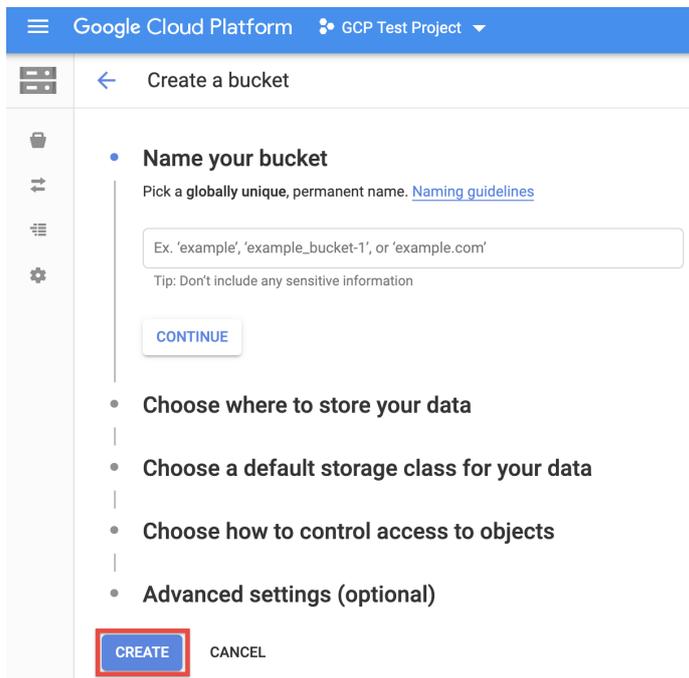
In the below example, we are enabling the 'Google Cloud Storage JSON API'.

The screenshot shows the 'API Library' page for the 'Google Cloud Storage JSON API'. The page has a blue header with 'Google Cloud Platform' and 'MYPROJECT'. Below the header, there is a back arrow and 'API Library'. The main content area shows the API name 'Google Cloud Storage JSON API' and the provider 'Google'. Below the name, there is a description: 'Lets you store and retrieve potentially-large, immutable data objects.' At the bottom of the card, there are two buttons: 'ENABLE' (highlighted with a red box) and 'TRY THIS API' with an external link icon.





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



Use the bucket name in the `filemanagement.provider.bucket_name` parameter as identified in the [Authenticate a Connector Instance](#) article.