

Steps to create Calendar' API Client Secret and Key

1. Go to <https://console.cloud.google.com/> to create project. Click Create Project link.
2. The below page will open

Google APIs

New Project

You have 12 projects remaining in your quota. Request an increase or delete projects. [Learn more](#)

[MANAGE QUOTAS](#)

Project name *
Zenegy Google Calendar

Project ID *
zenegy-gc-12345

Project ID can have lowercase letters, digits, or hyphens. It must start with a lowercase letter and end with a letter or number.

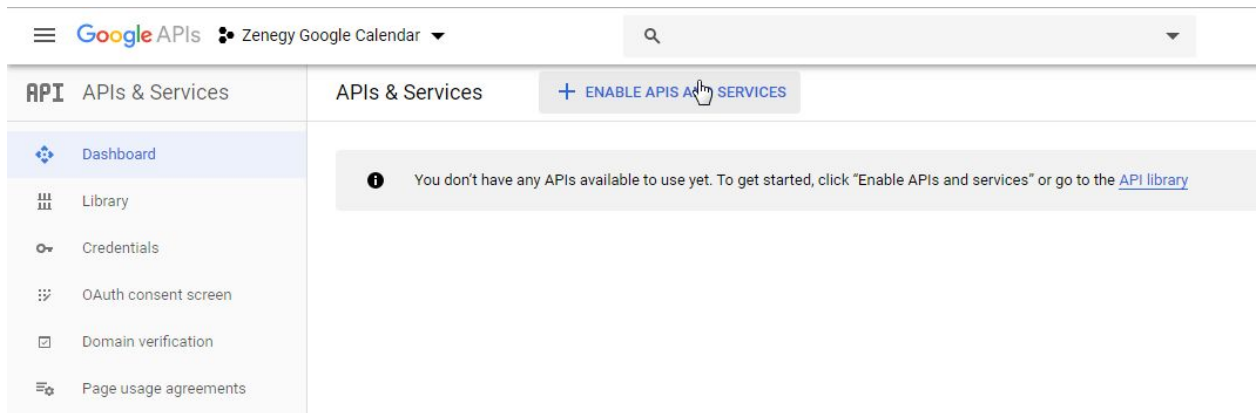
Location *
 No organization [BROWSE](#)

Parent organization or folder

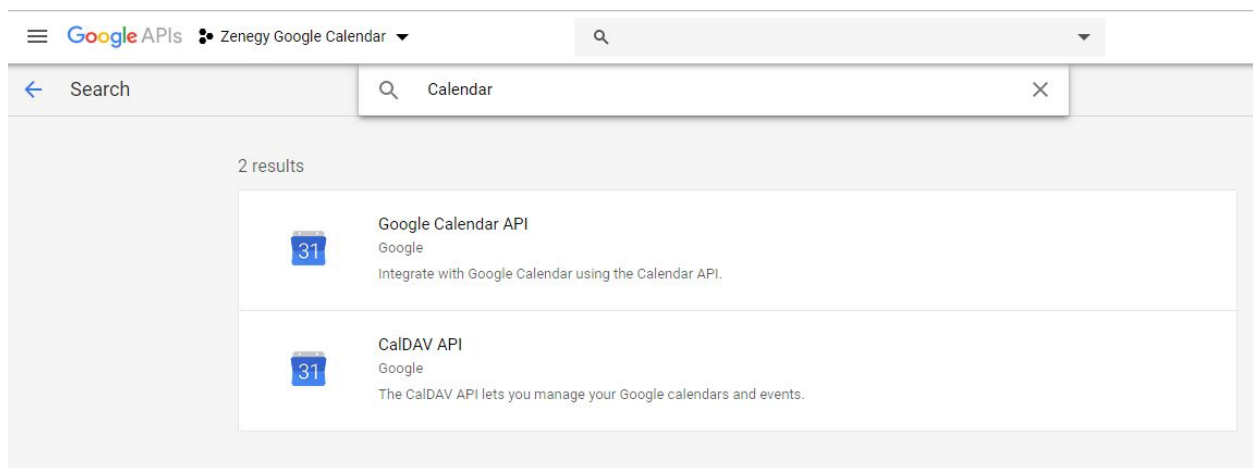
[CREATE](#) [CANCEL](#)

Enter Project name and set some Project ID.

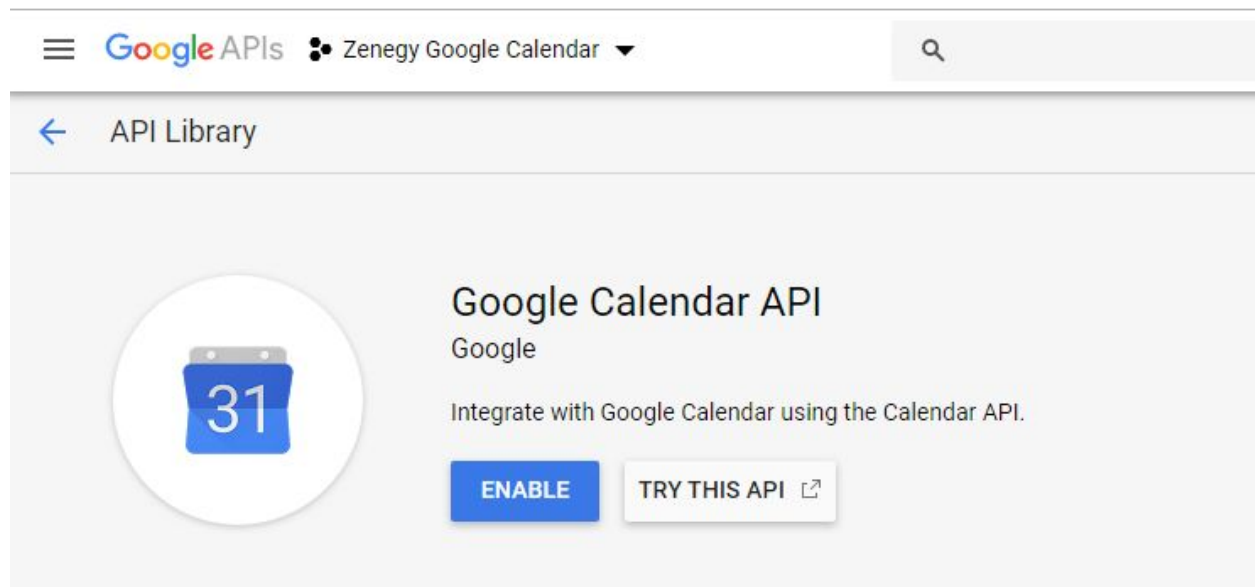
3. Click Enable APIs and Services



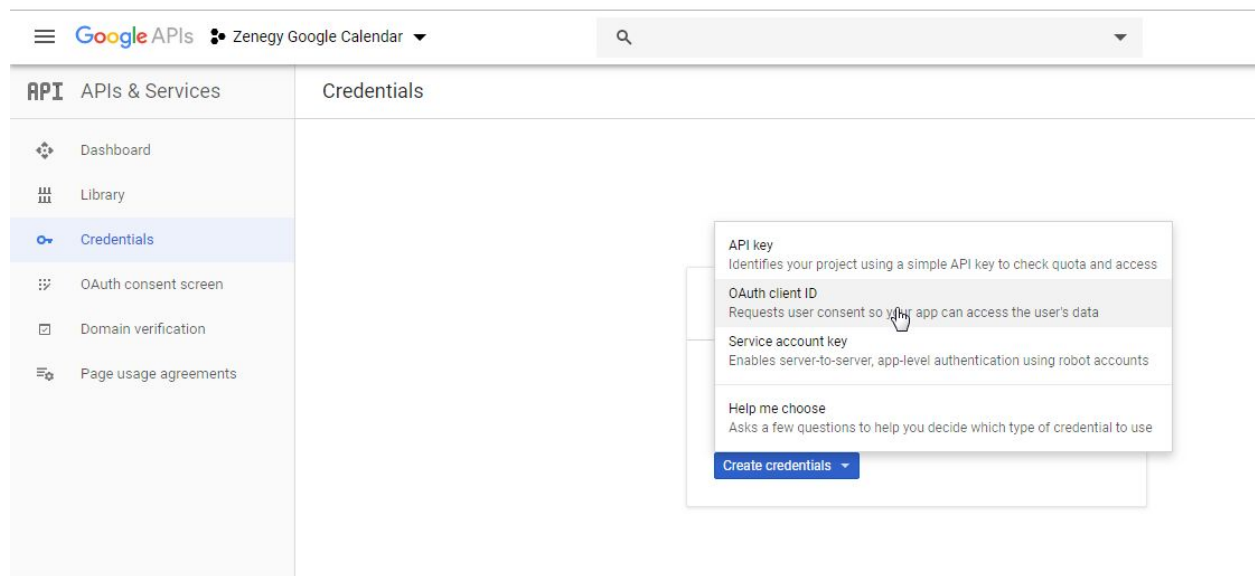
4. Search for Calendar and select Google Calendar API



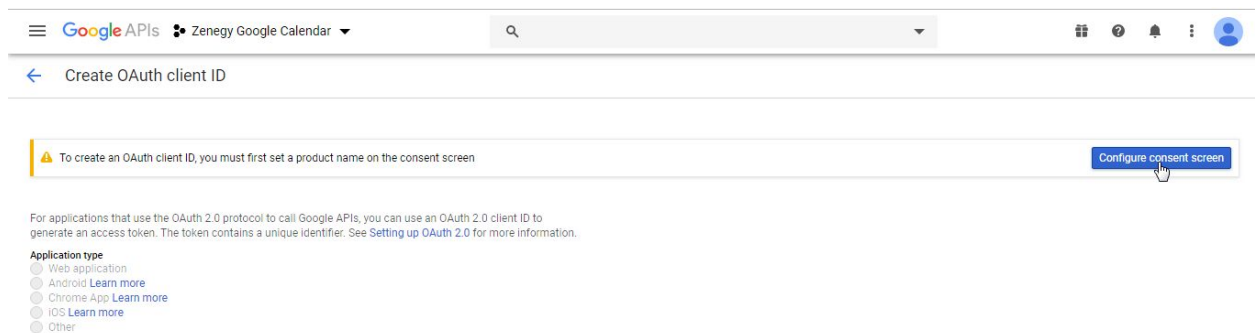
5. Enable the API on next page



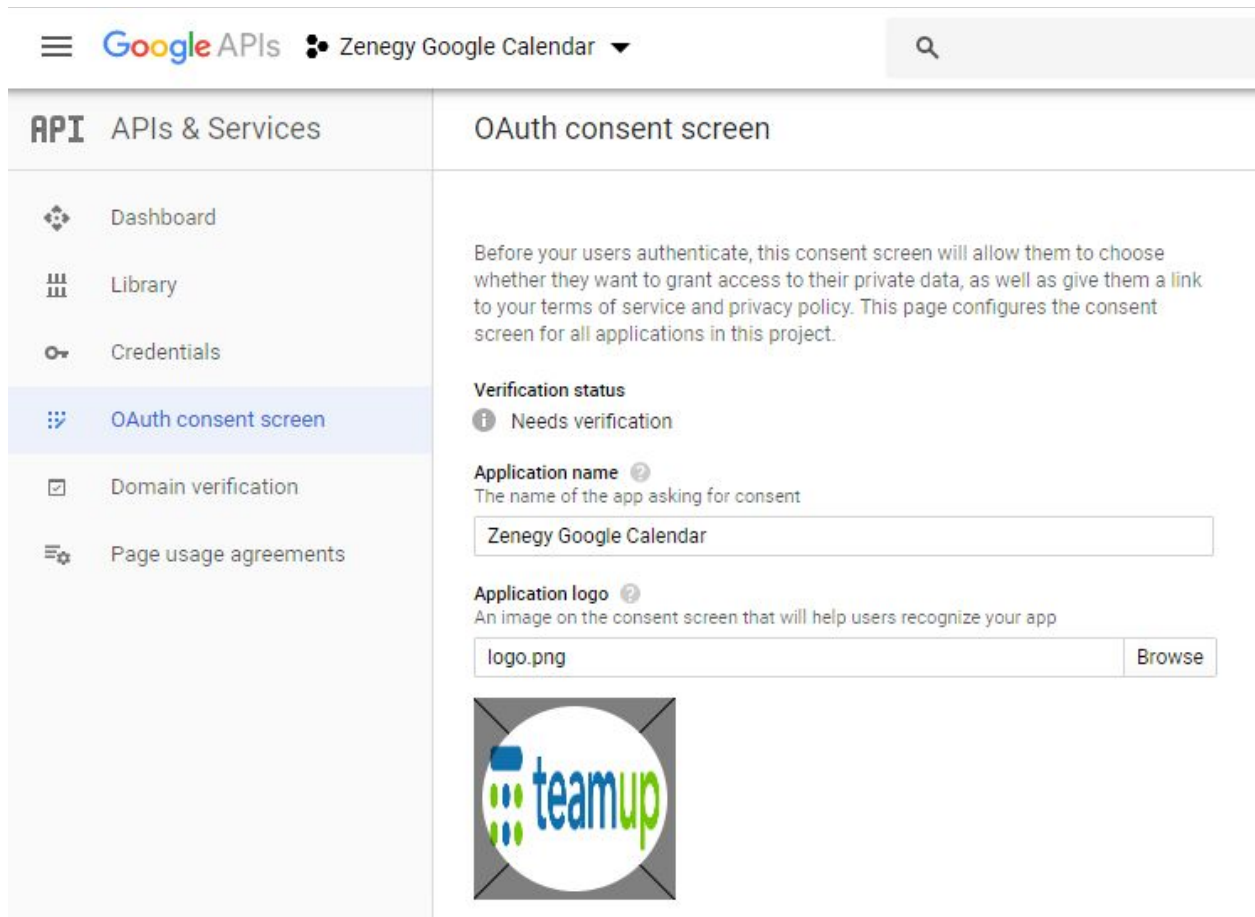
6. Click on **Credentials** tab on the left side and select **OAuth Client Id**



7. On next page, click on **Configure consent screen**



8. Enter Zenegy Google Calendar for **Application name**. Then select image for **Application logo** so that users can recognize the app.



9. Then click on **Add scope** button and select the option that allow to view and edit events on calendars. Then click Add to save scope.











The screenshot shows the 'Add scope' dialog in the Google APIs console. The left sidebar contains the 'APIs & Services' menu with options like Dashboard, Library, Credentials, OAuth consent screen, Domain verification, and Page usage agreements. The main area displays a list of scopes for the 'Google Calendar API'. The scope 'https://www.googleapis.com/auth/calendar' is selected, which allows for viewing, editing, sharing, and deleting all calendars. Below the list, a message states: 'Cannot find a scope? Only scopes for enabled APIs are listed above. To add a missing scope please visit the Google API Library to find and enable the API you would like to use before returning to add scopes, or manually paste your scopes.' At the bottom right, there are 'CANCEL' and 'ADD' buttons.

Scope	Description
<input type="checkbox"/> email	View your email address
<input type="checkbox"/> profile	See your personal info, including any personal info you've made publicly available
<input type="checkbox"/> openid	Associate you with your personal info on Google
<input checked="" type="checkbox"/> Google Calendar API https://www.googleapis.com/auth/calendar	See, edit, share, and permanently delete all the calendars you can access using Google Calendar
<input type="checkbox"/> Google Calendar API https://www.googleapis.com/auth/calendar.events	View and edit events on all your calendars
<input type="checkbox"/> Google Calendar API https://www.googleapis.com/auth/calendar.events.readonly	View events on all your calendars
<input type="checkbox"/> Google Calendar API https://www.googleapis.com/auth/calendar.readonly	View your calendars
<input type="checkbox"/> Google Calendar API https://www.googleapis.com/auth/calendar.settings.readonly	View your Calendar settings

Cannot find a scope? Only scopes for enabled APIs are listed above. To add a missing scope please visit the [Google API Library](#) to find and enable the API you would like to use before returning to add scopes, or [manually paste](#) your scopes.

CANCEL **ADD**

10. Now add **authorize domain** and respective links to application home page and privacy policy page. And finally click **Save**.

API	APIs & Services	OAuth consent screen
	Dashboard	<div>Authorized domains </div> <p>To protect you and your users, Google only allows applications that authenticate using OAuth to use Authorized Domains. Your applications' links must be hosted on Authorized Domains. Learn more</p> <div> Because you've added a sensitive scope, your consent screen requires verification by Google before it's published. Learn more</div> <div><div> zenegy.io </div><div><input type="text" value="example.com"/></div><div>Type in the domain and press Enter to add it</div></div> <div>Application Homepage link Shown on the consent screen. Must be hosted on an Authorized Domain. <input type="text" value="https://zenegy.io/homepage.html"/></div> <div>Application Privacy Policy link Shown on the consent screen. Must be hosted on an Authorized Domain. <input type="text" value="https://zenegy.io/privacy-policy.html"/></div> <div>Application Terms of Service link (Optional) Shown on the consent screen. Must be hosted on an Authorized Domain. <input type="text" value="https:// or http://"/></div>
	Library	
	Credentials	
	OAuth consent screen	
	Domain verification	
	Page usage agreements	

11. On next page, select authentication type as **Web application**. Set authorize redirect uri to <https://zenegy-google-calendar.zenegy.io/AuthCallback/IndexAsync> and finally click on **Create** button.

Google APIs

Zenegy Google Calendar

Create OAuth client ID

Application type

☒ Web application

☐ Android [Learn more](#)

☐ Chrome App [Learn more](#)

☐ iOS [Learn more](#)

☐ Other

Name

ZenegyCal OAuth

Restrictions

Enter JavaScript origins, redirect URIs, or both [Learn More](#)

Origins and redirect domains must be added to the [list of Authorized Domains in the OAuth consent settings](#).

Authorized JavaScript origins

For use with requests from a browser. This is the origin URI of the client application. It can't contain a wildcard (https://*.example.com) or a path (https://example.com/subdir). If you're using a nonstandard port, you must include it in the origin URI.

https://www.example.com

Type in the domain and press Enter to add it

Authorized redirect URIs

For use with requests from a web server. This is the path in your application that users are redirected to after they have authenticated with Google. The path will be appended with the authorization code for access. Must have a protocol. Cannot contain URL fragments or relative paths. Cannot be a public IP address.

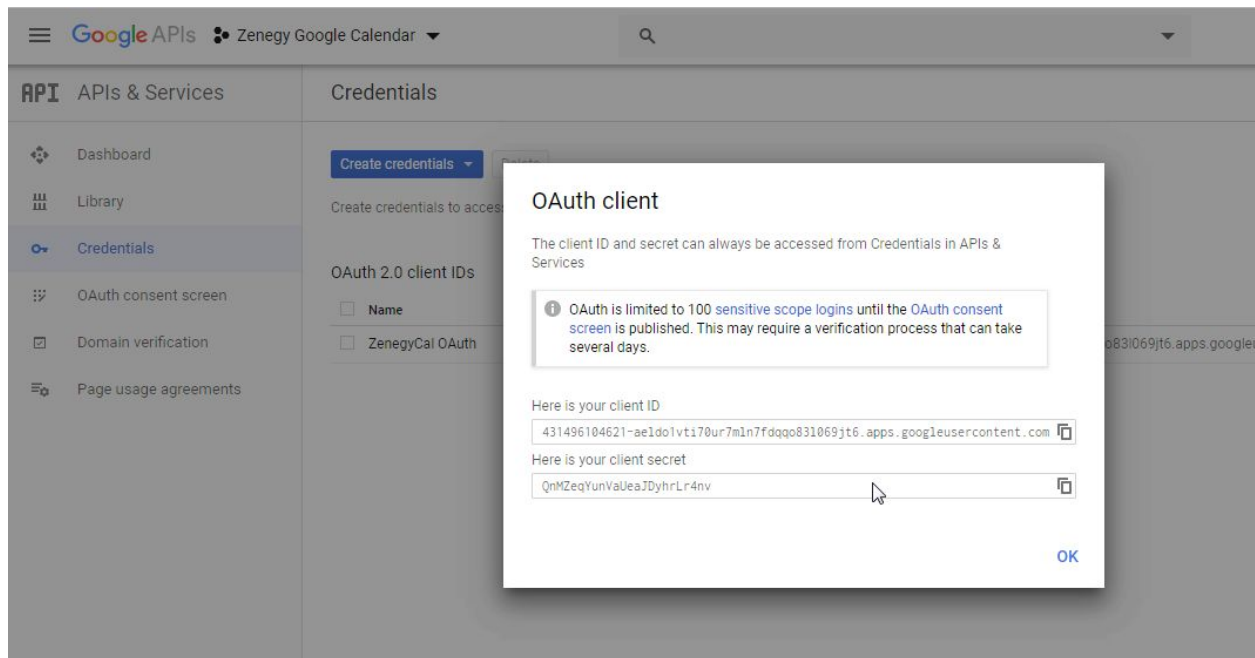
https://zenegy-google-calendar.zenegy.io/AuthCallback/IndexAsync

Type in the domain and press Enter to add it

Create

Cancel

12. After clicking create button, you will be redirected to screen with OAuth client details as below -



Copy Client ID and client secret and copy-paste in web.config file.

13. **Important** - One might need to verify the domain before submitting for verification. The url <https://support.google.com/a/topic/1409901> provides guidance about it.

14. Click **OAuth consent screen** on left side, and click **Submit for verification** button. You will be shown a popup. Enter justification for scope and then submit.

The screenshot shows the Google APIs console interface. On the left, the 'APIs & Services' menu is open, with 'OAuth consent screen' selected. The main panel displays the 'OAuth consent screen' configuration for 'zenegy.io'. It includes fields for 'Authorized domains', 'Application Homepage link', 'Application Privacy Policy link', and 'Application Terms of Service link'. A warning message states: 'Because you've added a new domain, your OAuth consent screen will require verification by Google.' A 'Verification required' popup is overlaid on the screen, containing the following sections:

- Verification required**
Your OAuth consent screen will be verified by the Trust and Safety team, which may take several weeks. [Learn more](#)
- Scopes justification**
List the specific ways your app will use each scope.

154/1000 characters remaining
- Include any information that will help us with verification, like a Google contact or the Project IDs of any other projects that use OAuth (Optional)**

0/1000 characters remaining
- Contact email address**
Used to notify about consent screen publishing and status changes.

At the bottom of the popup, it states 'All fields are required unless labeled optional' and provides 'CANCEL' and 'SUBMIT' buttons. The background console shows a 'Save' button, a 'Submitting' button with a loading spinner, and a 'Cancel' button.