

How To set up a Google Calendar datasource

Document revision 1.4

Description

This guide explains how to add a Google Calendar account in Manage for TEOS as an External and Internal Datasource when TEOS URL is register in a public domain.

Requirements

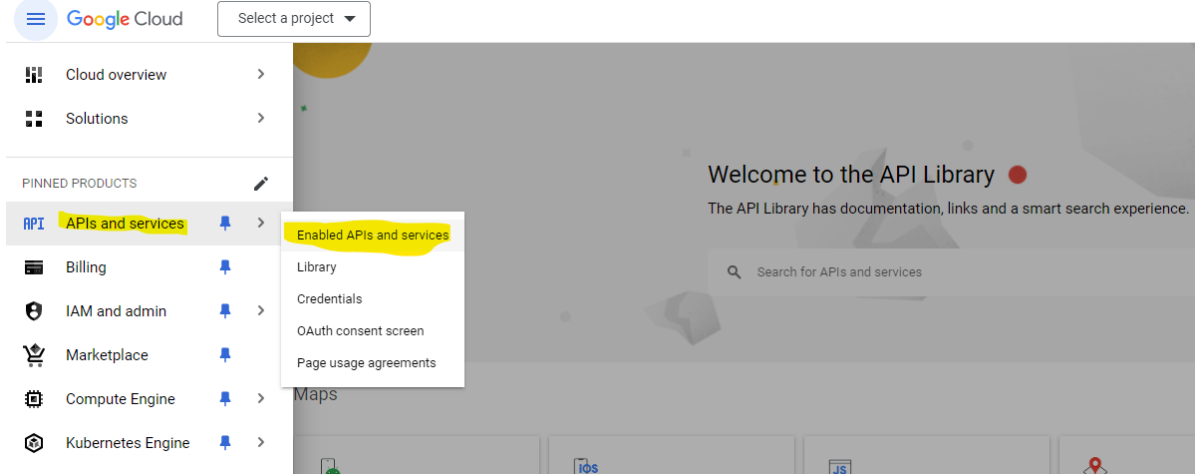
- From 2021 a SSL certificate and providing TEOS server in https is mandatory to be able to connect with Google environment
- Manage for TEOS 1.4.4 minimum
- New URL is needed from version 3.0 of TEOS in the developer console. Association can be required to have Google calendar working with version 3.0
- Access to Manage for TEOS Server
- An internet Access
- Work in all type of devices, BRAVIA, Tablets for TEOS and Player for TEOS
- Can be used in Signage, Room Booking, Meeting Display, Room Status, Wayfinding etc.

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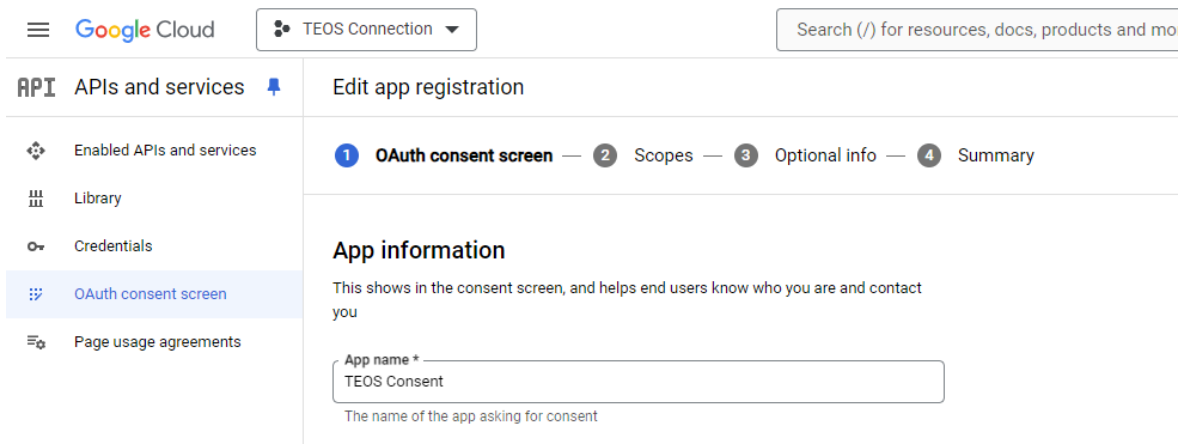
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1. Configuration on Google developer Console

1. The first step is to create a Client ID and Secret. To do this go to:
<https://console.developers.google.com/flows/enableapi?apiid=calendar>



2. You need to consent TEOS domain name to access to Google services, press “OAuth consent screen”



- 1) Insert an app name
- 2) A support email (IT support)
- 3) Under authorized domains add
 - a. teoscloud.com in case you are using CLOUD platform
 - b. teosmanage.com in case you are using on premise platform
- 4) Developer contact information : support@teos.support

Authorised domains

When a domain is used on the consent screen or in an OAuth client's configuration, it must be pre-registered here. If your app needs to go through verification, please go to the [Google Search Console](#) to check if your domains are authorised. [Learn more](#) about the authorised domain limit.

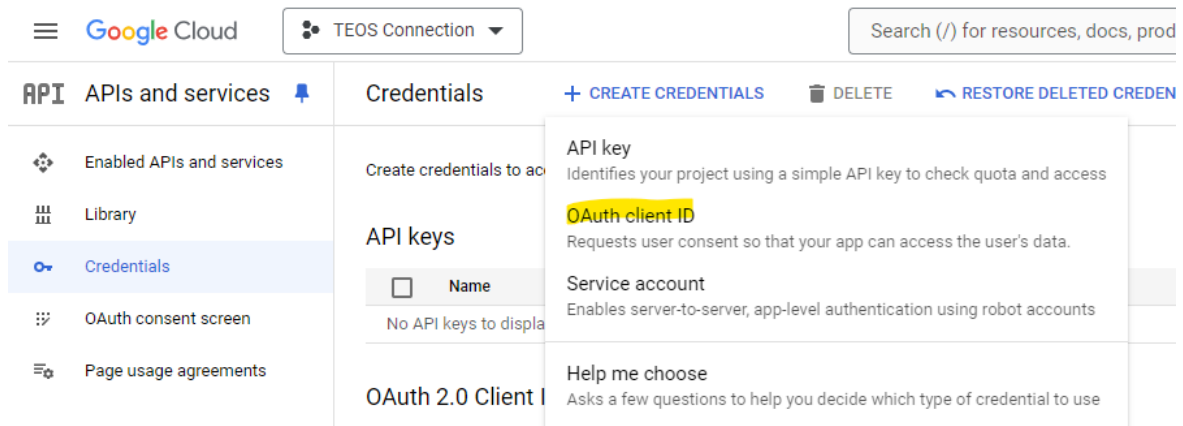
Authorised domain 1 *
teoscloud.com

Authorised domain 2 *
teosmanage.com

[+ ADD DOMAIN](#)

Press save and continue until you get the summary

- Go now to “Credentials” and create a new OAuth2.0 Client ID.



- Insert Manage for TEOS details when creating OAuth 2.0 Client ID

Insert your domain name as domain by default for Google to verify from what app data will be requested. After putting the domain name press enter and save.

- In the “Create an OAuth 2.0 client ID” fill out a desired Name. In “Authorized Redirect URLs” enter the following URL: <https://yourdomainname/designer/authenticate> (New URL from version 3.0) Add as well a name for the OAuth account
Your domain should be externally understood (finishing in .com for example)

Google Cloud Platform

My Project

Search products and resources

APIs and services

Client ID for Web application

DOWNLOAD JSON

RESET SECRET

DELETE

Client secret: U8TT5BFWKz7qMV2JFFqZmXqa

Creation date: 13 April 2021 at 18:59:35 GMT+2

The domains of the URIs you add below will be automatically added to your OAuth consent screen as [authorised domains](#).

Authorised JavaScript origins

For use with requests from a browser

+ ADD URI

Authorised redirect URIs

For use with requests from a web server

URIs *

https://test.teoscloud.com/designer/authenticate

https://qa.teoscloud.com/designer/authenticate

https://teospipeline.teosdemo.com/designer/authenticate

https://qa.teoscloud.com/EmployeeApp/account/authenticategc

https://teospipeline.teosdemo.com/EmployeeApp/account/authenticategc

+ ADD URI

SAVE

CANCEL

Put your URL and press enter

If you are using our Employee App/TEOS Mobile solution too, you will need to add another authentication URL: <https://teospipeline.teosdemo.com/EmployeeApp/account/authenticategc>

https://teospipeline.teosdemo.com/designer/authenticate

https://qa.teoscloud.com/EmployeeApp/account/authenticategc

https://teospipeline.teosdemo.com/EmployeeApp/account/authenticategc

5. Click on “Create OAuth Client ID”

6. In the new windows click on your Created client to open the information. The next window will show your Client ID and secret, save this information.

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: u57vicej2e341a8b1r8k1oib.apps.googleusercontent.com

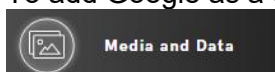
Here is your client secret: x43q

OK

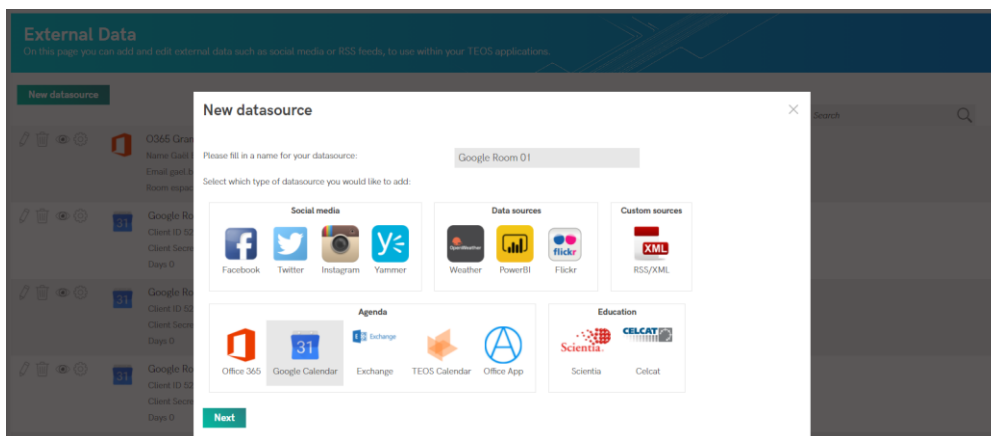
7. To add a Google calendar Data source while using an internal domain name you need to go to the retrieve the correct URL on the Manage for TEOS server. This step has changed since more security has been added. A hash has been added to the end of the normal URL based on the account that is logged in.

3. Add Google as a datasource in Manage for TEOS

1. Connect directly to TEOS Windows Server and connect via Chrome (recommended) to your Manage for TEOS.
2. To add Google as a datasource you need to navigate to the “Media and Data” menu.



3. Next navigate to the tab labeled “EXTERNAL DATA”
4. Create a **new Data Source**, select **Google Calendar**



Copy paste the **Client ID** and the **Secret** generated earlier and **Save** Edit datasource

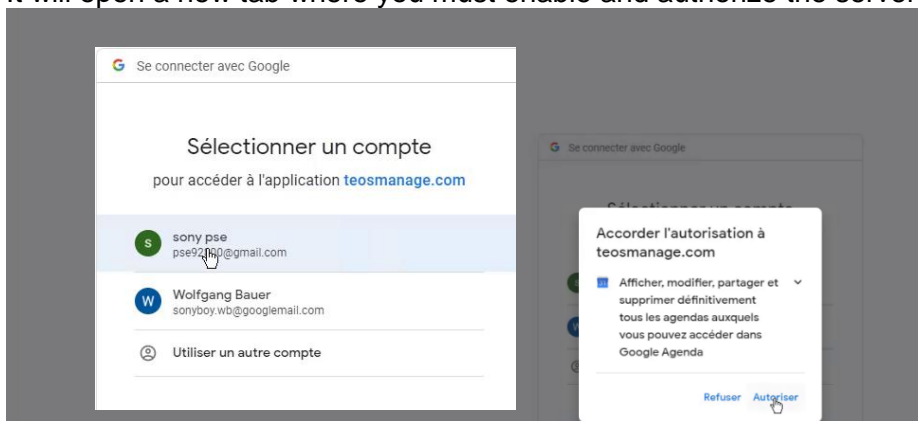
Please fill in your Google Calendar client ID and secret.
Please check the user manual on how you can create a client ID and secret.

Client ID: 522998346320-41gmo0191f6tpkqjqr1l

Client Secret: 7qMV2JFFqZmXqa

Save

It will open a new tab where you must enable and authorize the server to access Google service.



Going back to the previous tab, you will see the Google Account informations.

Edit datasource

Please select 1 or more calendars.

Calendar(s):

- Addex
- Dave Room rent by Guillaume
- EADA
- Google Room 01
- Google Room 02

How many days to show? Current day only

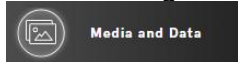
Save

Select the agenda you want to synchronize. Press save, the new external data will be displayed in the list. You can check what information has been retrieved by TEOS by pressing the “eye” button in the Datasource line. You can find below what TEOS can retrieve from Google source. In addition to that some actions can be done. You can find the details on Manage for TEOS 2.0 room booking document.

4. Add Google as a datasource in Server internal

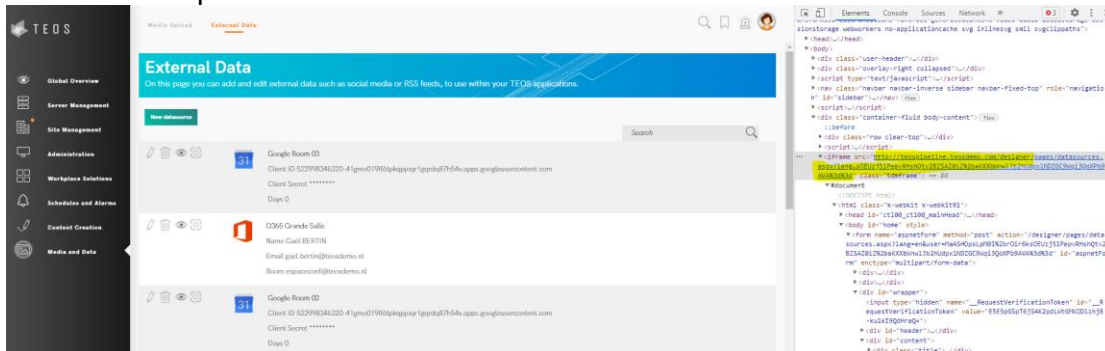
Connect directly to **TEOS Windows Server** and connect via Chrome (recommended) to your Manage for TEOS. From 2021, Google request https connection for the authentication which means that server should get a certificate to make that possible and on top if it is not done to create in the IIS server a teosmanage.com binding in the backbone site. Please contact us on this process for testing purpose as this is not a supported option anymore.

To add Google as a datasource you need to navigate to the “Media and Data” menu.



Next navigate to the tab labeled “EXTERNAL DATA”

Press F12 to open chrome's

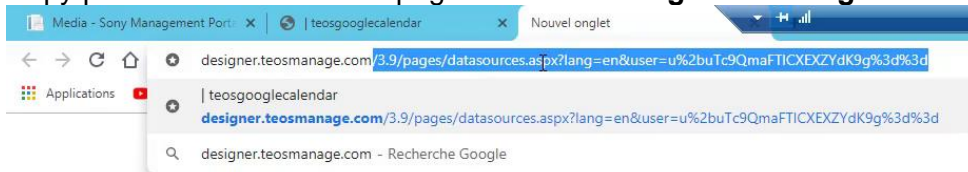


5. Go to the **Elements** tab and select the mouse icon and select “New datasource” button and find the corresponding URL in the console

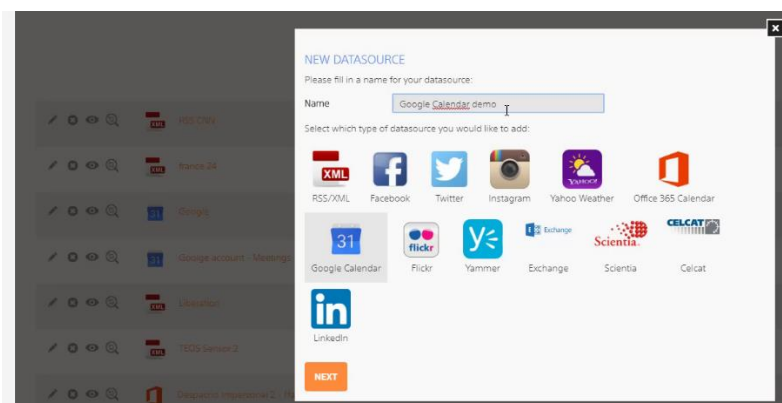


Link should look like **designer/pages/datasources.aspx?lang=en [...]**

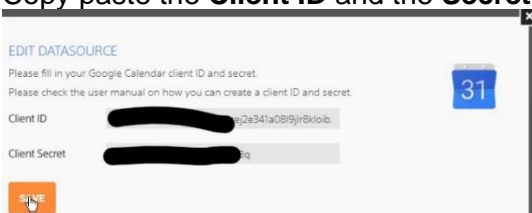
Copy paste this in a new web page with **teosmanage.com/designer** in front



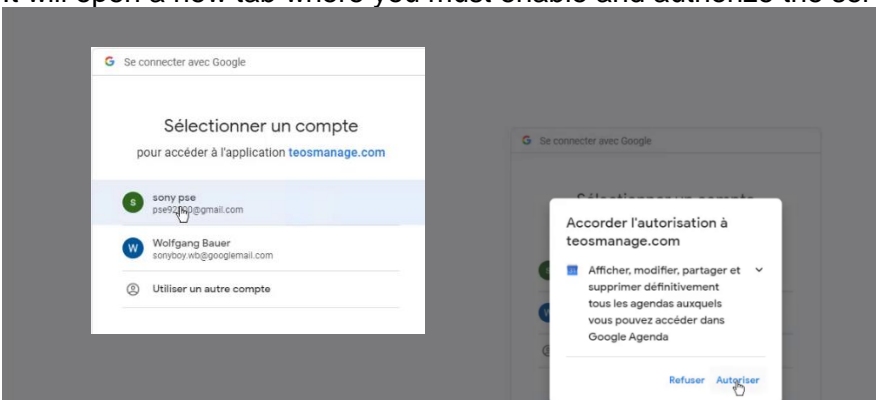
Create a new **Data Source**, select **Google Calendar**



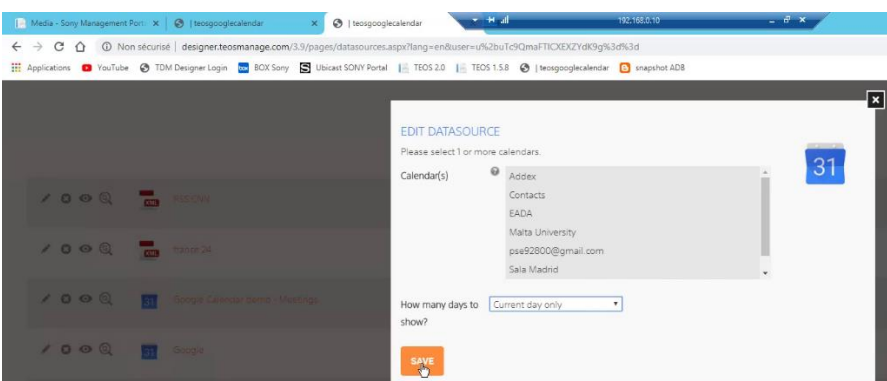
Copy paste the **Client ID** and the **Secret** generated earlier and **Save**




It will open a new tab where you must enable and authorize the server to access Google service.



Going back to the previous tab, you will see the Google Account informations.



Select the agenda you want to synchronize. Press save, the new external data will be displayed in the list . You can check what information has been retrieved by TEOS by pressing the “eye”  button in the Datasource line. You can find below what TEOS can retrieve from Google source. In addition to that some actions can be done. You can find the details on Manage for TEOS 2.0 room booking document.

For any question please contact us on support@teos.support

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