scannervision™

Google Drive Connector

Quick Start Guide
version 1.0

Introduction

This document describes the requirements of the connector and provides the instruction on how to configure the connection and setup the connector. Other essential configuration steps that are part of the basic ScannerVision features (e.g., installation, configuring Networking Settings, templates, Users, etc) are not covered by this document.

This document will also cover the basic setup in Google to use OAuth authentication in ScannerVision.

The Google Drive Connector has been updated to make use of OAuth 2.0. The Google Drive Connector has also been updated to include Shared Folders as well as Shared Drives.

Requirements

The ScannerVision Google Drive Connector V3.2.0.7 requires ScannerVision Server V9.8.0.1385 and HPN V9.7.4.1201 or higher. Setup within Google Drive will need to be done by the Administrator of the Google account. This will also work for personal Google accounts.
NB: Internet access is required to setup OAuth in ScannerVision.

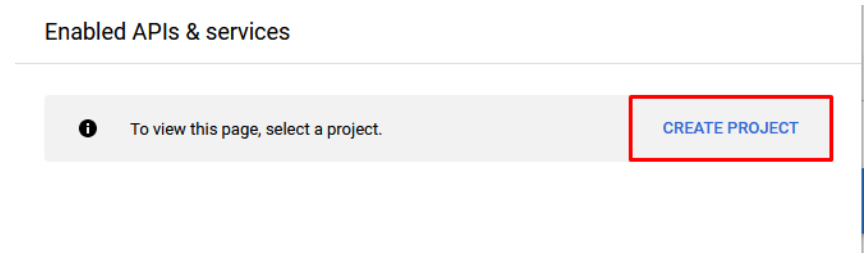
To be able to upload a document to a Google Workspace environment, the user needs to have the correct role and rights configured in the environment. Please contact your Google account administrator to get more information about this requirement.

Should you have any questions, please do not hesitate to contact our support team at support@ubunye.com for assistance.

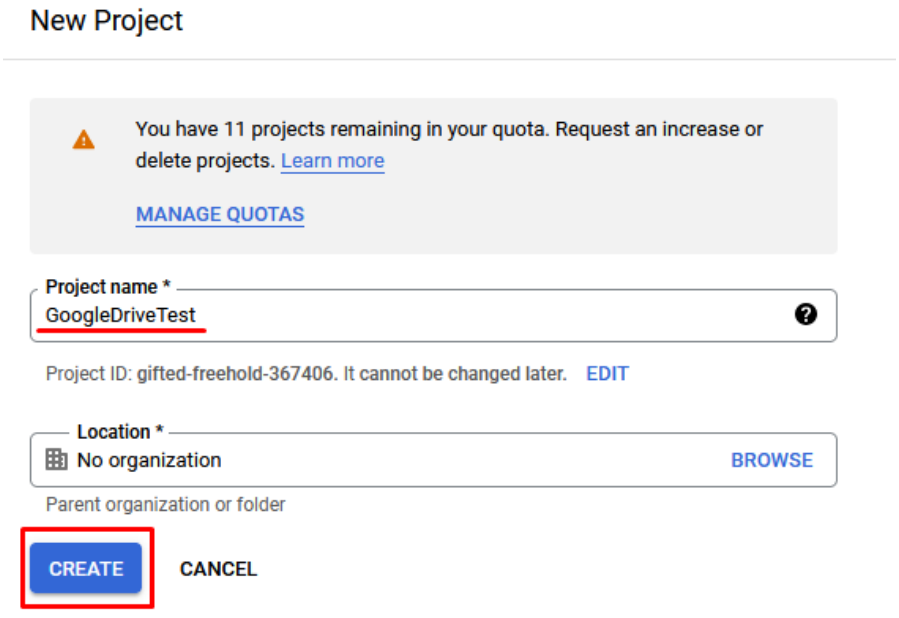
ScannerVision™
Google Drive Project Creation

To create the project, follow this link and login to the Google account you wish to use:
https://console.cloud.google.com/projectselector2/apis/dashboard?supportedpurview=project

Configuration

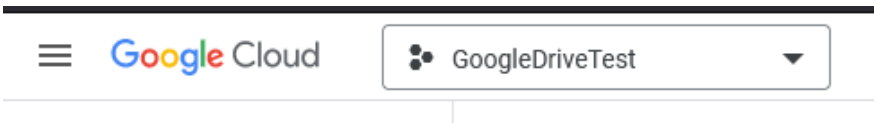


Under “Enabled APIs & Services” select Create Project.

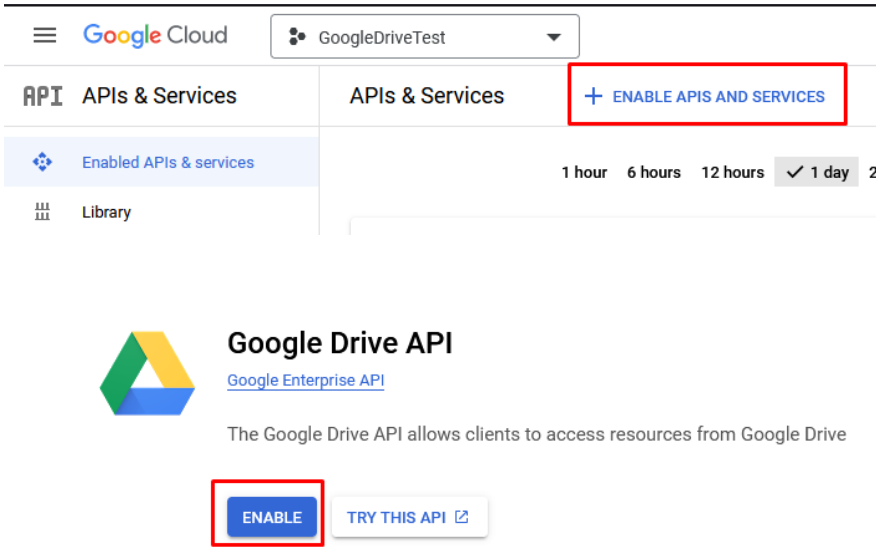


Supply a name for your Project and choose an organization if available.

Click Create.



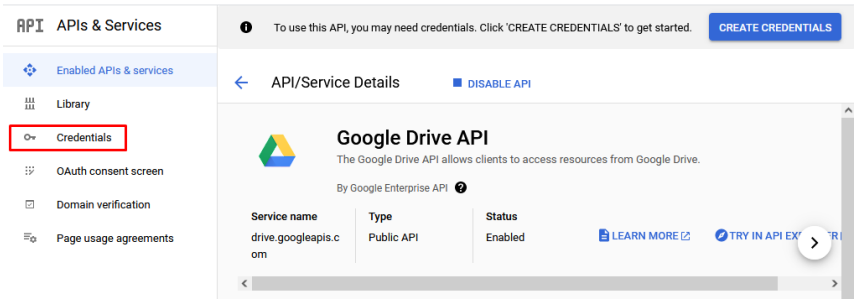
Once created, your project should be automatically selected. If not, select your project from the dropdown.



On the project dashboard, select ENABLE APIS AND SERVICES.

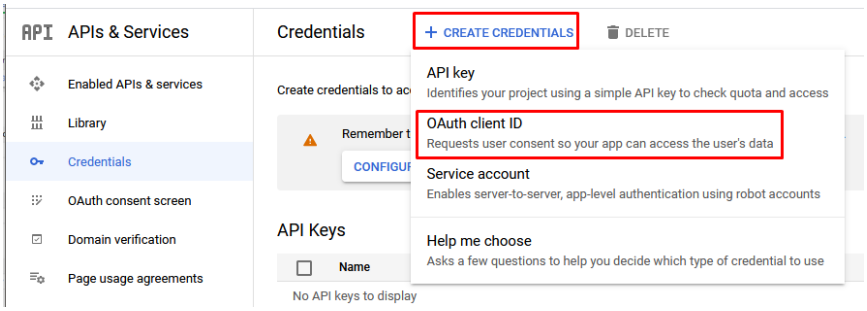
Search for and select the Google Drive API.

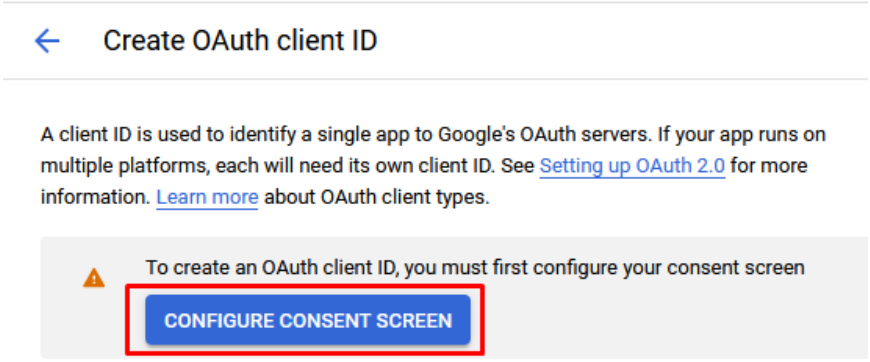
Select Enable.



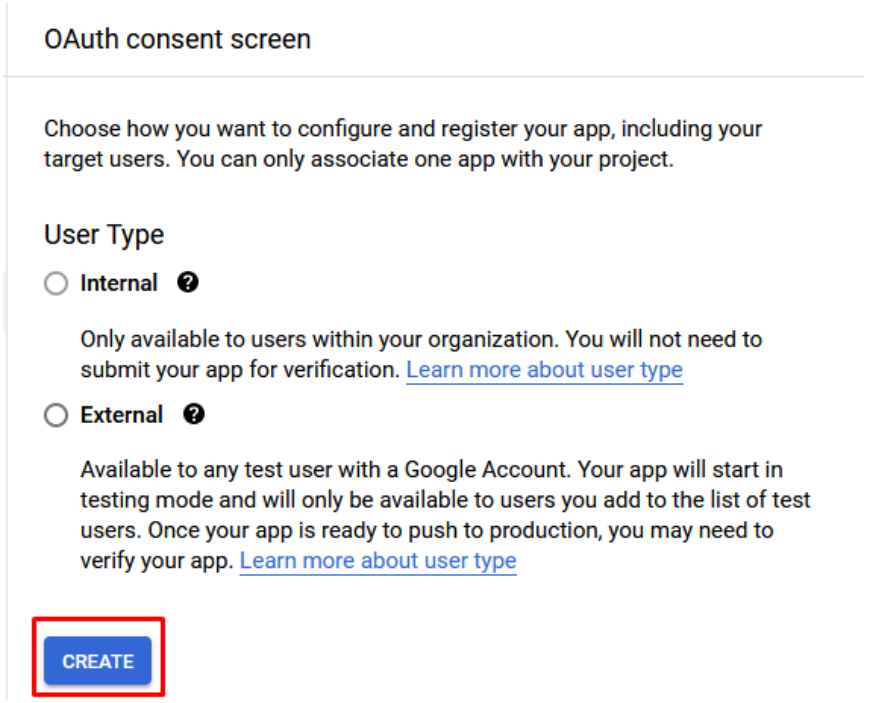
Once added, select Credentials from the left side menu.

Then select CREATE CREDENTIALS and OAuth client ID from the drop-down menu that pops up.



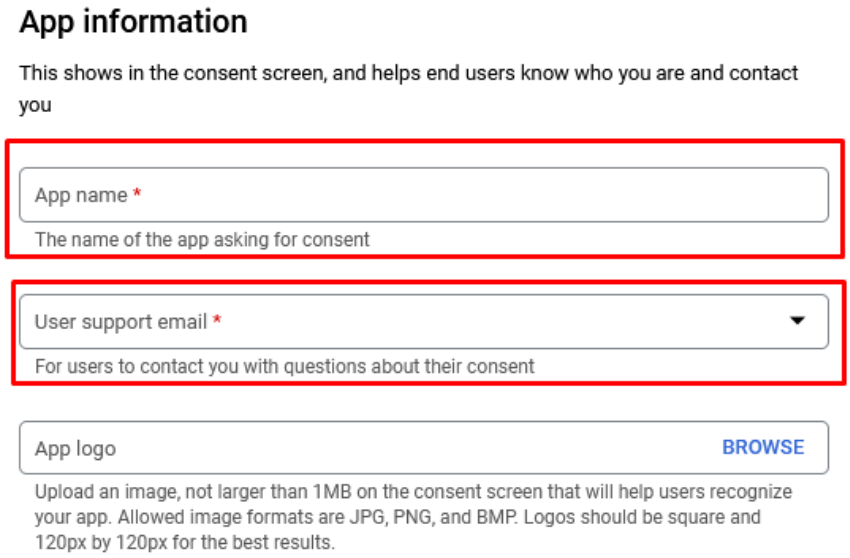


Select "Configure Consent Screen"



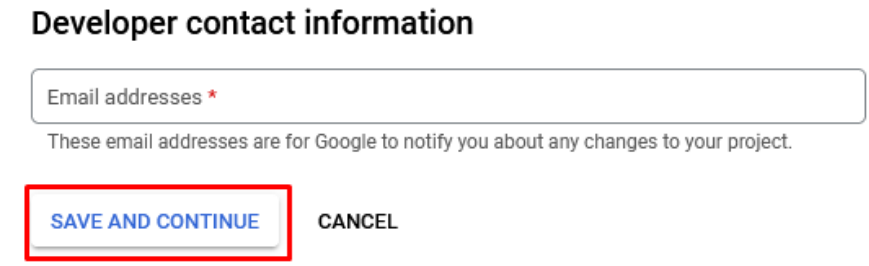
Choose the appropriate User Type for your project.

We will make use of the External User Type for this guide.

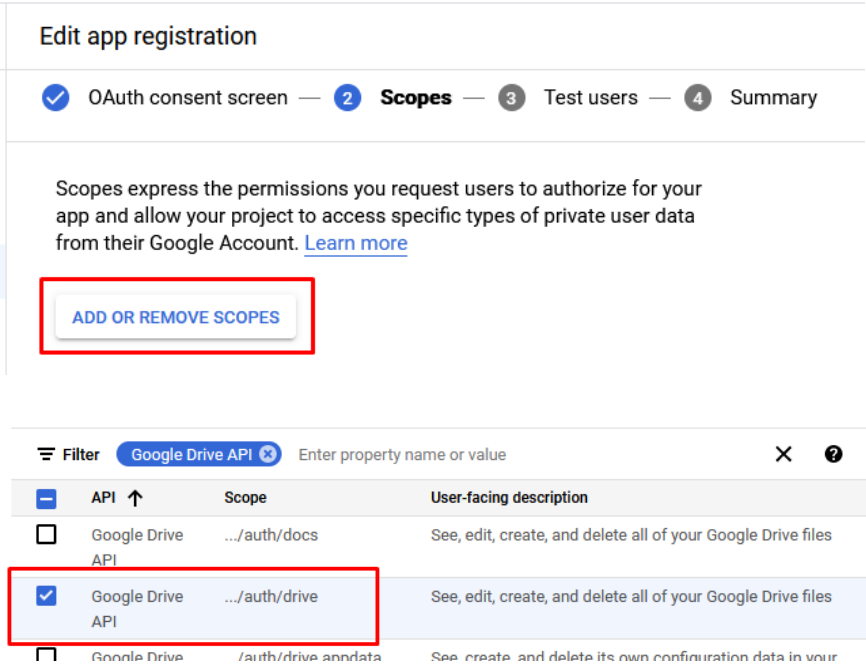


Supply an App name. The word "Google" cannot be used anywhere in the name.

Select a support email.



Supply a developer email address and select "Save and Continue".

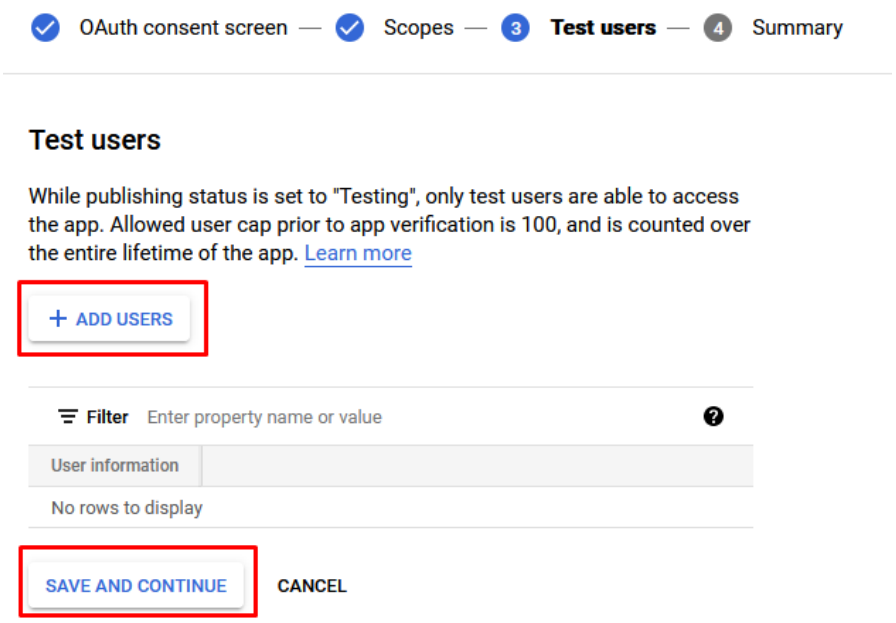


Select "Add or Remove Scopes", filter on the Google Drive API and enable the ".../auth/drive" scope.

At the bottom of the page, select the "Update" button.

The scope will be shown under "Your sensitive scopes".

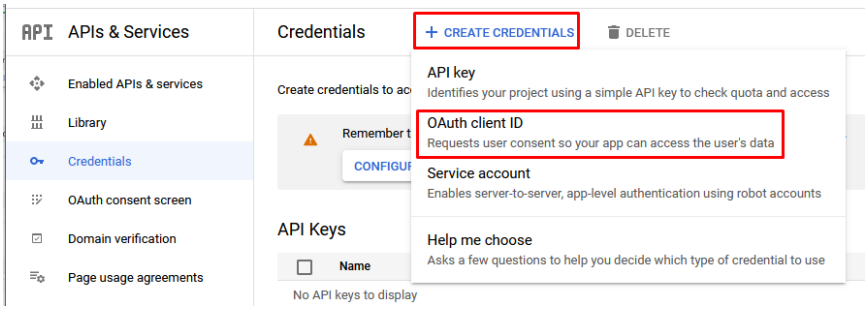
At the bottom of the page, select "Save and Continue".



If you chose External User Types in a previous step, now you will add the accounts for the users who require access to your app.

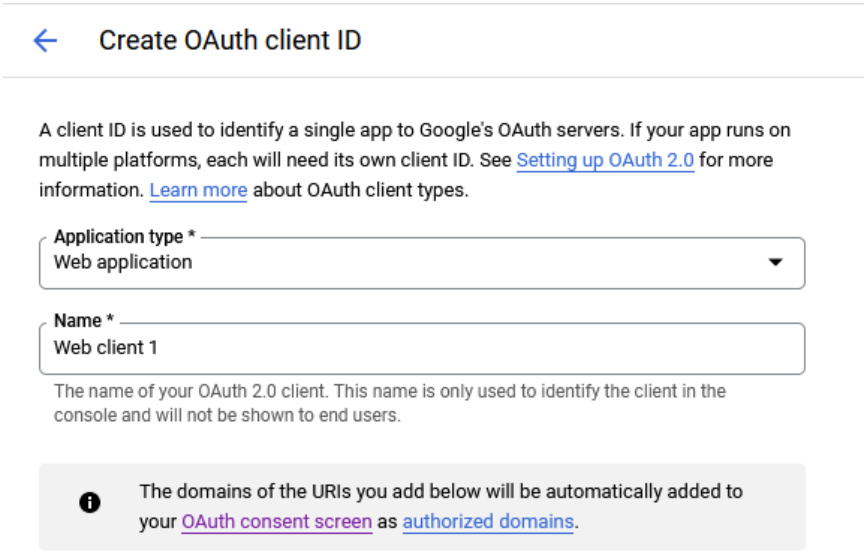
Once done, select “Save and Continue”.

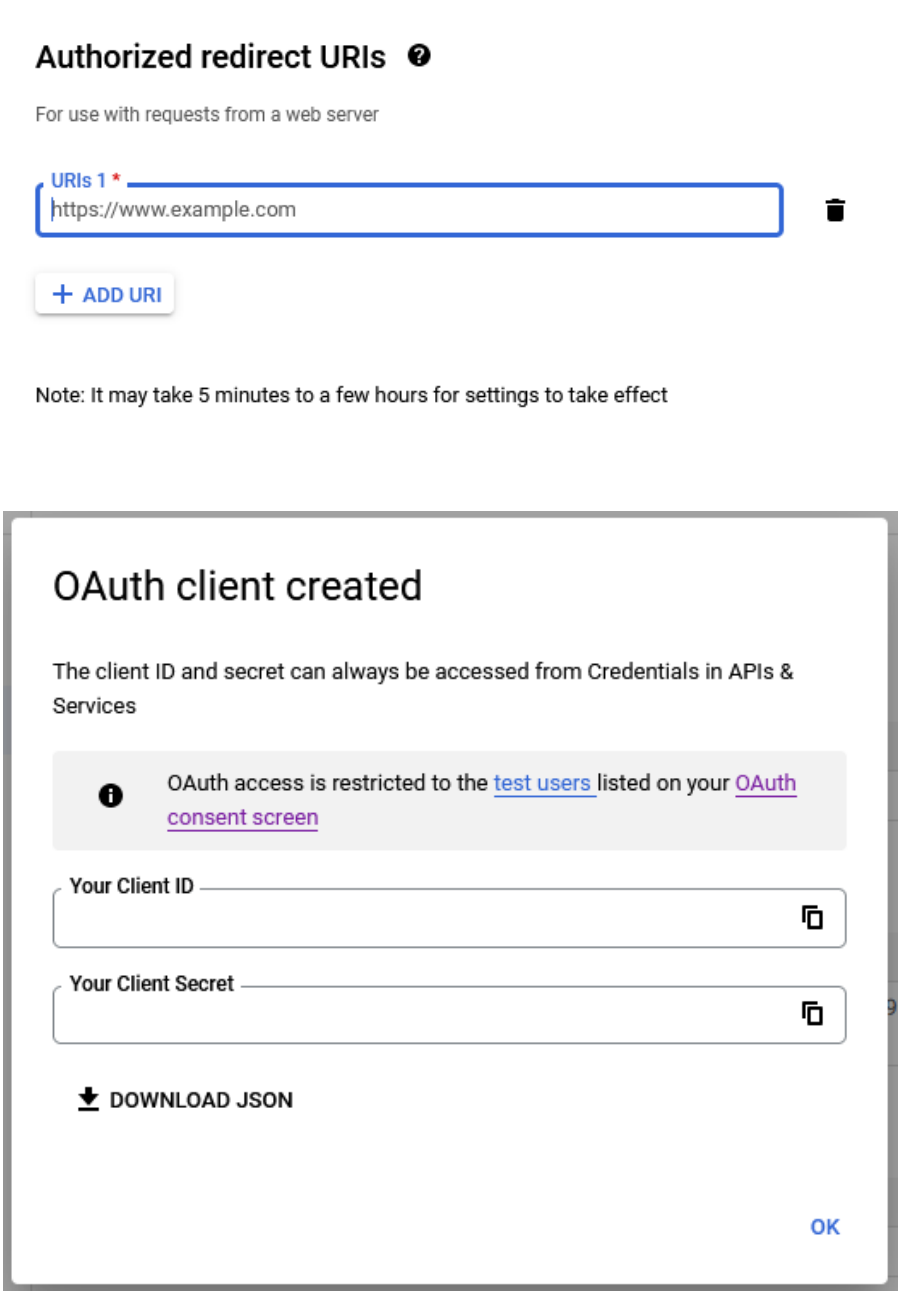
The Summary page will give a quick overview of your consent screen.



Under Credentials, again select “Create Credentials” and “OAuth client ID”.

Under Application type select Web Application and supply a name.





Under Authorized redirect URIs you will need to add the redirect URI for the ScannerVision server.

A partial URI is generated by the connection setup in ScannerVision.

If the VM or server that ScannerVision is running on sits on a domain, it is recommended to use **https://devicename.domain:port/oauth2/callback**

Alternatively, if there is no domain, you can use **https://localhost:port/oauth2/callback**

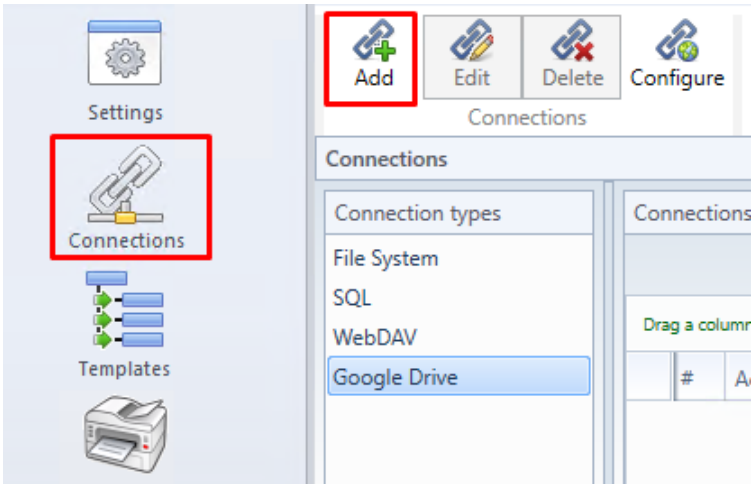
The port value is only required when not using the default SSL port 443 or non-SSL port 80.

Once added, select “Create”.

Your app Client ID and Client Secret will be displayed.

This will need to be copied to the Google Drive connection setup which is covered next.

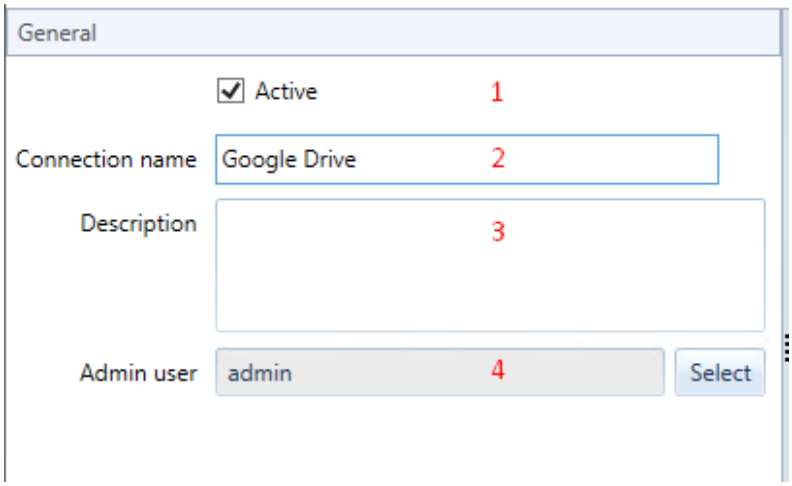
ScannerVision™
Google Drive Configuration



Connection Settings

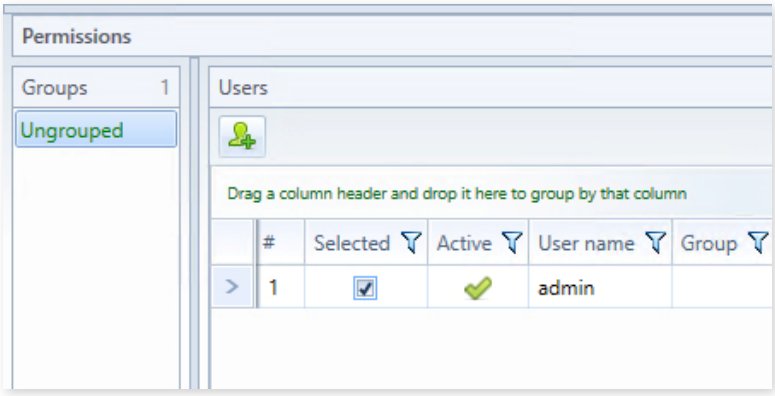
Under the Connections section select Google Drive and click Add.

This will open the setup window for a new Google Drive connection.



Under General

1. Ensure the Active checkbox is enabled
2. Give the connection a unique name so it can be identified easily on the connector setup
3. Optional. Give a description for the connection
4. Select an Admin user to be used for the connector configuration



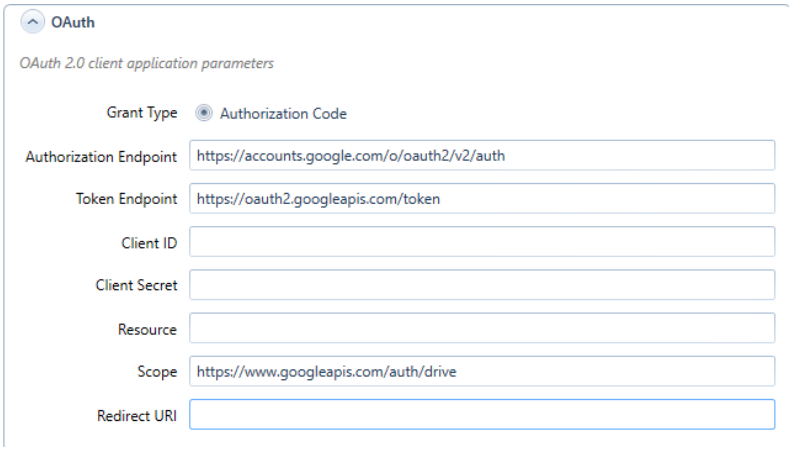
Under Permissions

1. Select the group (if configured) of users which should be allowed to upload to Google Drive.

   (If not configured, users will be shown under Ungrouped and must be configured individually)

2. Select the checkbox until a tick is displayed. This enables permission for the user to see the connection.

If the checkbox is unchecked, the user does not have permission. If a dash is shown and the user is part of a group, the user will inherit the permission set at group level. Please refer to the ScannerVision User Manual for additional information related to Connection permissions.



Under OAuth, the Authorization Endpoint and Token Endpoint fields will automatically be populated.

Copy in the Client ID and Client Secret from your app.

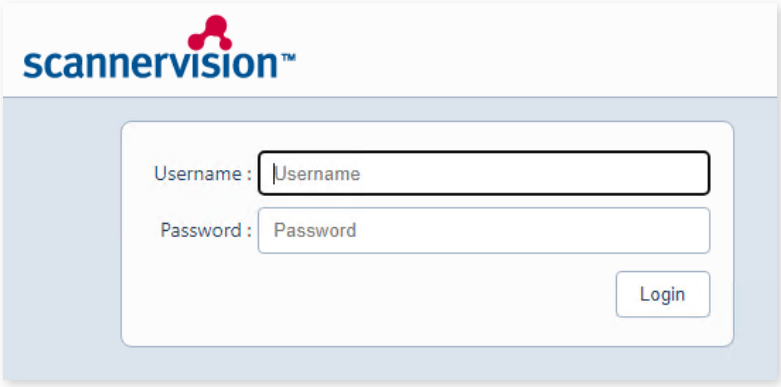
Resource can be left blank.

Scope is automatically populated.

The Redirect URI field will be partially populated. If you have a top-level domain, add it to the URI, if not, change it to localhost.

Once the necessary information has been completed, select Save.

Connection Configuration

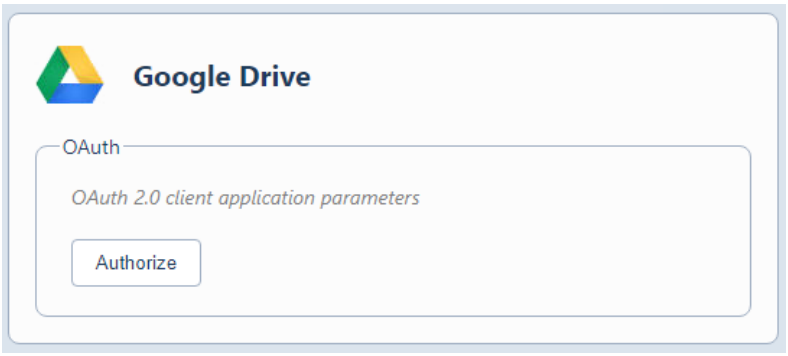


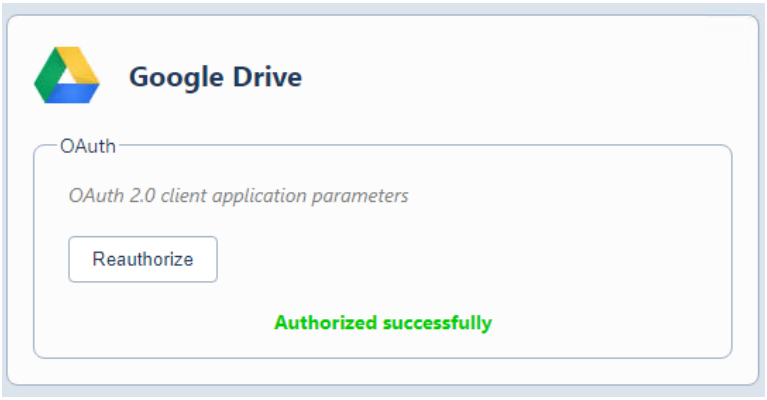
Back on the Connections screen, select the Google Drive connection which was just created and click on Configure.

NB: the ScannerVision Networking Service must be running for the next steps.

This will open a web page with a login page.

Enter the Username and Password of the Admin user which was selected for the Google Drive connection and click Login.



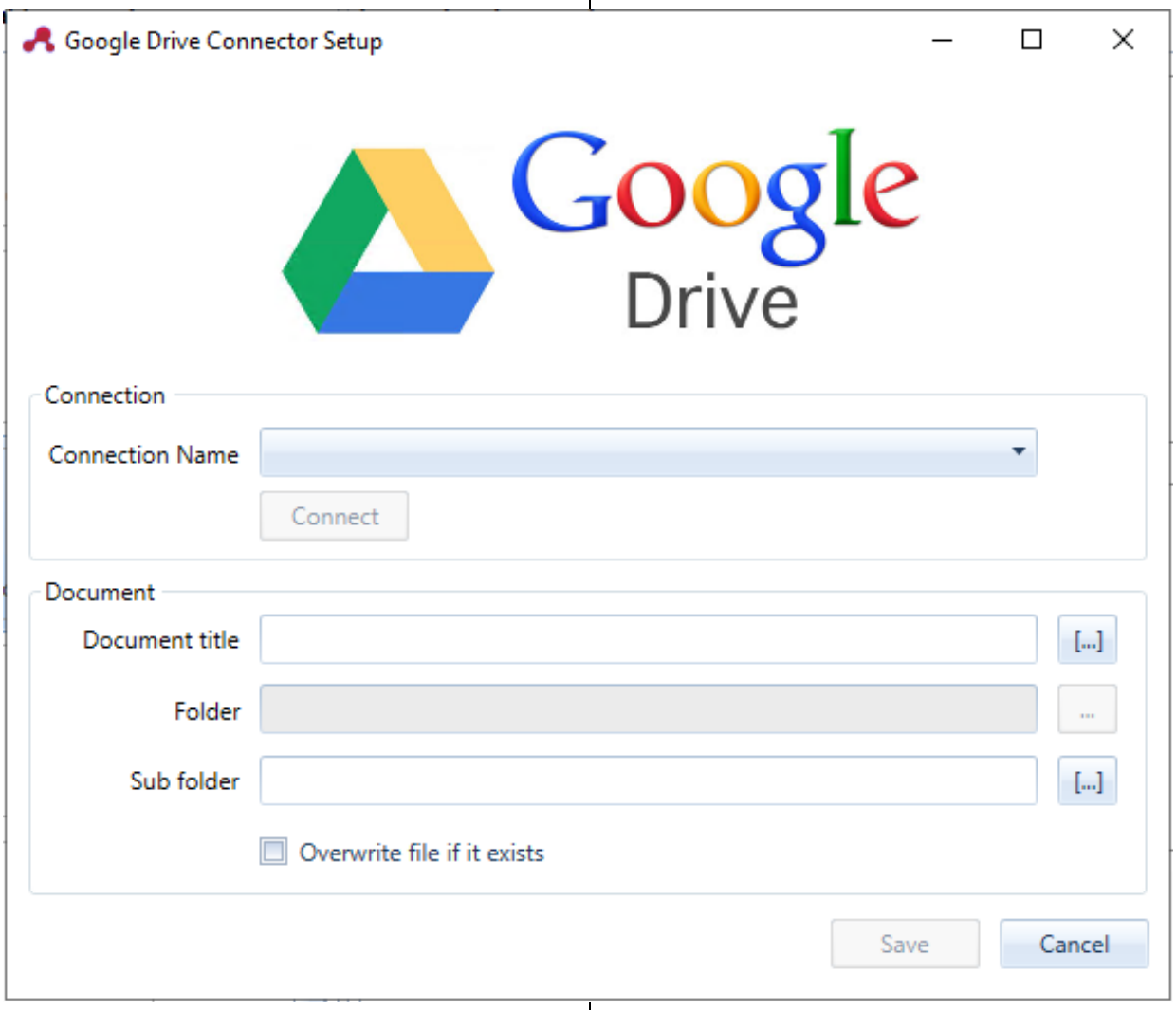


If permissions have been setup correctly, the Google Drive connection will appear once logged in, under the name specified for the connection.
If the connection does not appear, close the browser, and restart the ScannerVision Networking Service before logging in again.

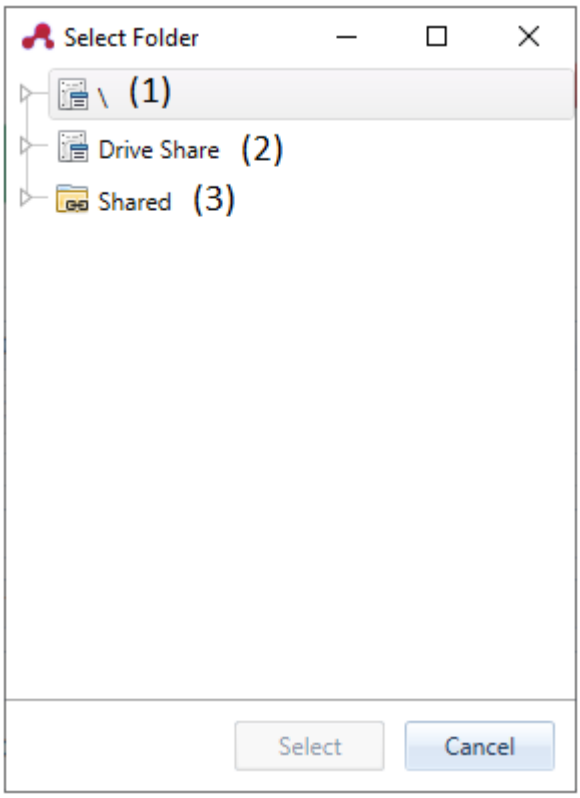
An Authorize button will be shown under the connection. When clicking on Authorize, you will be taken to the login screen for Google to authorize your account. This will also include any 2FA that is required. Once you have successfully authorized, you will be taken back to the Configuration web page and a message will show “Authorized successfully”. The button will have updated to say Reauthorize. Click Save, then logout or close the browser.

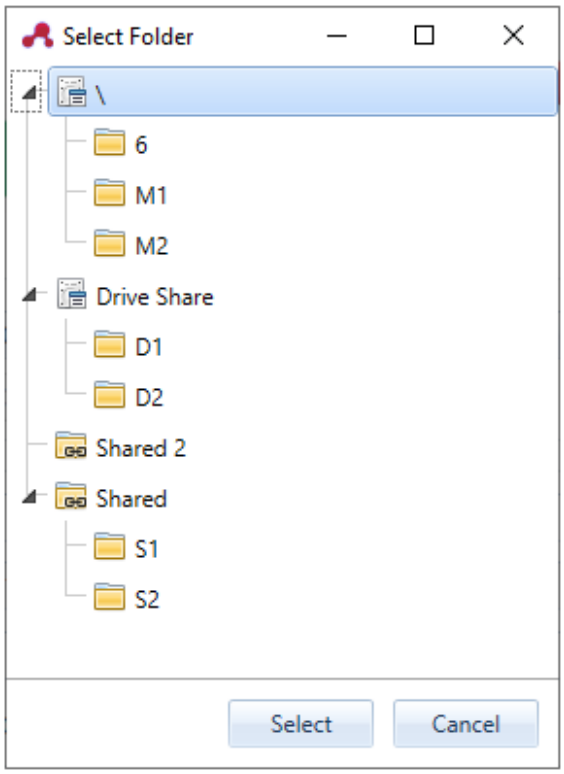
Google Drive Connector Setup

On the template, click and drag over an instance of the Google Drive connector and click on Configure. This will open the Google Drive connector setup screen.



Under Connection Name, choose the name of the connection which was created for Google Drive and click Connect. If connection is successful, you will be able to enter Document details and choose a folder for upload.





1. Document Title will be the name of the document uploaded to Google Drive.
2. Folder will be the folder where the document will be uploaded to within the chosen drive.
3. Subfolder is optional and can be used to create a subfolder structure.
4. Overwrite file if it exists will overwrite a file which has the same name as specified in Document Title.

The folder window has been updated to show:

1. Root of the drive you are connected to and subfolders.
2. Shared drives and subfolders.
3. Shared folders and subfolders.

Once setup is complete, click Save. Click Apply settings to save changes made to the template.

UBUNYE
For the future 2gether

Ubunye Gibraltar
Suite 4, 2nd Floor
The West Wing,
Montarik House,
3 Bedlam Court,
GIBRALTAR
GX11 1AA

Ubunye South Africa
Block D, Stoneridge
Office Park, 8
Greenstone Place
Greenstone, 1609
SOUTH AFRICA

Ubunye Asia
Unit 29-10,
Q Sentral, 2A,
Jalan Sentral 2,
50470 KL Sentral,
Kuala Lumpur,
Malaysia