#### Webdashboard & Google Workspace

One of the key features of Webdashboard is that you can let everyone login to Webdashboard. With no difference to customers, suppliers, the CEO or a cashier. This is enabled by multiple ways:

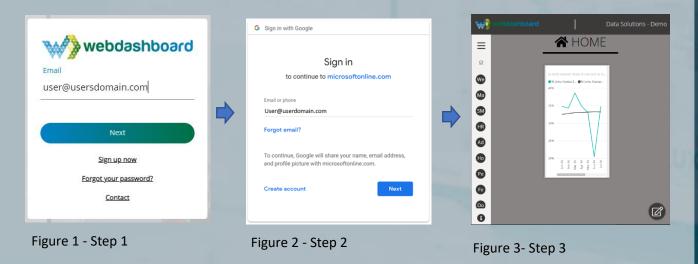
- You can invite everyone with an e-mail address, to get an Webdashboard account
- You can connect your own user management system to Webdashboard, this includes Azure Active Directory, Azure B2C and Google Workspace. This way you have Single SignOn and the same username and password you use in other environments.

In this leaflet we'll show you:

- What benefits you have connecting Webdashboard to your Google Workspace.
- How you connect Google Workspace to Webdashboard.
- How Webdashboard you add Google Workspace users to Webdashboard.

#### **Benefits connecting Google Workspace**

By setting up federation with Google, you can allow invited users to sign in to Webdashboard with their own Gmail accounts. On the Sign in page, a user can simply enter the email they use to sign in to Google Workspaces. After clicking next they will see the familiar google signin page. After signing in they are logged into Webdashboard. When already signed in to you Google Workspace account, step 2 will not be visible to the user.



#### Federating your Google Workspace

There are 2 main parts that have to be configured for the Google Workspace Federation. You need to enable the required services and create a project that gives Webdashboard consent to Federate with your Workspace domain.

#### Part 1: Enable the required services

Browse to your Google Admin Panel, make sure you login with an administrator account <u>https://admin.google.com</u>. The open the "Additional Google services" page that is located under Apps.





Figure 4 - Navigate to Apps

Figure 5 - Navigate to Additional Google Services

#### Now enable "Developer Platform" and "Google Cloud Platform" for everyone.

| ≡ Google Admin Q Search for users, groups or | settings                        |            |   |   | 8            | 0 | <br>M |
|--|---------------------------------|------------|---|---|--------------|---|-------|
| Apps > Additional Google services            |                                 |            |   |   |              |   |       |
| G Additional Google                          | G Additional Google<br>services |            | additional services without individual control fo | r all organisational units is turned On | CHANGE       |   |       |
| services                                     |                                 |            | tus for apps in all organisational units          |   | ADD SERVICES |   |       |
| All users in this account                    |                                 | Servic     | es 🛧  | Service Status                          |              |   |       |
| Groups                                       | ~                               | 🗆 Ġ        | Applied Digital Skills                            | ON for everyone                         |              |   |       |
| Organisational units                         | ^                               | 0          | AppSheet  | ON for everyone                         |              |   |       |
| Search for organisational units              |                                 |            | Blogger   | ON for everyone                         |              |   |       |
| - webdashboard.be                            |                                 |            | Campaign Manager                                  | ON for everyone                         |              |   |       |
|  |                                 | 0 🚡        | Chrome Web Store                                  | ON for everyone                         |              |   |       |
|  |                                 |            | Classroom   | ON for everyone                         |              |   |       |
|  |                                 | 🗆 🔓        | CS First  | OFF                                     |              |   |       |
|  |                                 | •          | Developer Platform                                | ON for everyone                         |              |   |       |
|  | - 1                             |            | DoubleClick Search                                | ON for everyone                         |              |   |       |
|  |                                 | 0 <b>G</b> | FeedBurner  | ON for everyone                         |              |   |       |
|  |                                 | . 🧕        | Google Chrome Sync                                | ON for everyone                         |              |   |       |
|  |                                 | 🗆 🗘        | Google Cloud Platform                             | ON for everyone                         |              |   |       |
|  |                                 | 0 🏺        | Google Cloud Print                                | ON for everyone                         |              |   |       |

Figure 6 - Enable "Developer Platform" and "Google Cloud Platform"



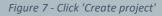
#### Part 2 – Create a Project

This is done in the Google Cloud Platform you just enabled. Navigate to <u>https://console.cloud.google.com/cloud-resource-manager</u> to create the new project, make sure you connect this project to you Google Workspace organisation.

| Google Cloud Platform |                          |                           |  |  |  |  |  |
|-----------------------|--------------------------|---------------------------|--|--|--|--|--|
| Mar                   | nage resources           | CREATE FOLDER MOVE DELETE |  |  |  |  |  |
| W Filter Eller        |                          |                           |  |  |  |  |  |
|                       | Name                     | 10                        |  |  |  |  |  |
|                       | * 🗈 webdashboard.be      | 333816327053              |  |  |  |  |  |
|                       | Webdashboard             | webdashboard-310012       |  |  |  |  |  |
| RE                    | SOURCES PENDING DELETION |                           |  |  |  |  |  |

| (recret ID: webdashboard 310812, it cannot be changed later. EDIT     (repetiation * vebdashboard 310812, it cannot be changed later.     Select an organisation to attach it to a project. This selection can't be changed later.     Location *                                    |  |                         |
|--|--|-------------------------|
| Project name * Weddaihboard Weddaihboard Weddaihboard Project ID: webdaihboard 910912, It cannot be changed later. EDIT Orgenization * Weddaihboard be Select an organisation to attach it to a project. This selection can't be changed later. Locator * Locator * Locator * BROWSE | Google Cloud Platform  |                         |
| Webdantboard C C C C C C C C C C C C C C C C C C C   | lew Project  |                         |
| Project ID: webdashboard-319812, it cannot be changed later. EDIT<br>opparietation * • • • • • • • • • • • • • • • • • •   | Project name *   |                         |
| Organisation * Constraints of the project. This selection carit be changed later.<br>Location * Location * BROWISE<br>Browner BROWISE<br>Browner BROWISE   | Webdashboard   | 0                       |
| webdashboard.be • • • • • • • • • • • • • • • • • • •  | Project ID: webdashboard-310812. It cannot be changed late       | r. EDIT                 |
| Select an organisation to attach it to a project. This selection can't be changed later. Location *  Webdashboard be BROWSE  | Organisation *   |                         |
| Location *BROWSE   | webdashboard.be  | - O                     |
| webdashboard.be BROWSE BROWSE  | Select an organisation to attach it to a project. This selection | can't be changed later. |
|  | Location *   |                         |
| Parent organisation or folder  | webdashboard.be  | BROWSE                  |
|  | Parent organisation or folder                                    |                         |
|  | CREATE CANCEL  |                         |
| CREATE CANCEL  |  |                         |
| CARLE  |  |                         |

Figure 8 – Fill out the popup



Now we have a project we need to configure:

- Enable API's the project can use
   Here the API's the project can call are enabled.
- Consent screen

Here you can configure your company information everyone that logs in through this project will see and to what scopes the user has to give consent to use the project.

- OAuth client

Here we generate the Client ID and Secret Webdashboard will use to connect to your Google Workspace.

- Service account

This is the account with which Webdashboard will use the project.

Workspace Security
 Connect the project to your Workspace



#### **Enable API's**

Browse to the dashboard <u>https://console.cloud.google.com/apis/dashboard</u> and select 'Enable APIs and Services'. Here search for the 'ADMIN SDK API' and enable it.

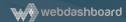
| =       | Google Cloud Platform | 🕈 Webdashboard1 👻                                 |      |
|---------|-----------------------|---|------|
| API     | APIs & Services       | APIs & Services + ENABLE APIS AND SERVIC          | :ES  |
| •       | Dashboard             |   |      |
| -       | Library               |   |      |
| 0*      | Credentials           | Traffic   | ŧ    |
| 5       | OAuth consent screen  |   | 1.05 |
| 8       | Domain verification   |   | 0.01 |
| $\pi_0$ | Page usage agreements | No data is available for the selected time frame. | 0.4% |
|         |                       |   | 0.2% |
|         |                       | Mar 21 Mar 25 Apr 04 Apr 11                       |      |
|         |                       |   |      |
|         |                       |   |      |

Figure 9 - Select 'Enable APIs and services'

| ≡ Google Cloud P  | ogle Cloud Platform 🕻 Webdashboard1 👻 🔹 |  |            |       |   |  |
|---|---|--|------------|-------|---|--|
| ← Search  |   | Q admin sdk api  |            |       | × |  |
| Filter by 2 results                                     |   |  |            |       |   |  |
| CATEGORY<br>Developer tools (1)<br>Google Workspace (1) | O                                       | Admin SDK API<br>Google<br>Admin SDK lets administrators of enterprise domains to view and manage resource | ces like u | JSer, |   |  |
| Security (1)  | θ                                       | Cloud Identity<br>Google<br>Easily manage users, devices, and apps from one console                        |            |       | • |  |

Figure 10 - Search for the ADMIN SDK API

| 🕽 Webdashboard1 👻 |   |        | Search produ |
|-------------------|---|--------|--------------|
| ÷                 |   |        |              |
|                   | Admin SDK API   |        |              |
|                   | Admin SDK lets administrators of enterprise domains to resources like user, | o view | and manage   |
|                   | ENABLE TRY THIS API 🖉   |        |              |
| iqure 11 - Enab   | le the API  |        |              |



egister your app, including your app with your project.

> Your app will start in ou add to the list of tes

#### **Consent screen**

Navigate to <u>https://console.cloud.google.com/apis/credentials</u>, make sure you have the correct project selected. Then configure the consent screen with User Type "Internal".

| =     | Google Cloud Platform | ⊅ Webdashboard1 👻   |                      |     | 8 8 9 4 E 🙆              | =   | Google Cloud Platform | > Webdashboard) +   |
|-------|-----------------------|---|----------------------|-----|--------------------------|-----|-----------------------|---|
| RPI   | APIs & Services       | Credentials + CREATE CREDENTIALS  |                      |     |                          | RPI | APIs & Services       | OAuth consent screen  |
| ۰<br> | Dashboard<br>Library  | Create credentials to access your enabled APIs. Learn more              |                      |     |                          |     | Dashboard<br>Library  | Choose how you want to configure and in<br>target users. You can only associate one             |
| -     | Credentials           | Remember to configure the OAuth consent screen with information about y | your application.    |     | CONFIGURE CONSENT SCREEN |     | Credentials           | User Type   |
| 5     | OAuth consent screen  | API keys  |                      |     |                          | 3   | OAuth consent acreem  | <ul> <li>Internal</li> <li>Only available to users within your or</li> </ul>                    |
| 0     | Domain verification   | Name Creation of  | date 🕹               | Key |                          |     | Domain verification   | submit your app for verification.   |
| =0    | Page usage agreements | No API keys to display OAuth 2.0 Client IDs                             |                      |     |                          | 2   | Page usage agreements | External     Available to any test user with a Goog     testing mode and will only be available |
|       |                       | Name Crei   | ation date 🕹 🛛 Clien | 10  |                          |     |                       | users. Once your app is ready to push   |
|       |                       | No OAuth clients to display   |                      |     |                          |     |                       | venify your app.  |
|       |                       | Service Accounts  |                      |     | Manage service accounts  |     |                       | CHEATE  |
|       |                       | No service accounts to display  |                      |     |                          |     |                       | Let us know when you think about our Okath experi   |
|       |                       |   |                      |     |                          |     |                       |   |

*Figure 12 - Select 'Configure consent screen' under credentials* 

Figure 13 – Select 'Internal' as 'User type'

Now there are 2 steps, the 'OAuth consent screen', this is where you can provide your logo and name, to make the logon screen familiar to your users. Then the scopes, select '.../auth/userinfo.email', '.../auth/userinfo.profile' and 'openid'. Then Save and Continue in the summary

|                          |   | the second s |  | 24                     |   |  |   |  |
|--------------------------|---|--|--|------------------------|---|--|---|--|
| Google Cloud Platform    | > Webdashboorft +   | RPI APIs & Services  | Edit app registration Okuth consent screen — O Scopes — O Summary  | API In the             | es for enabled APIs are listed<br>Google API Library or use the<br>mable from the Library | below. To add a missing scope to this screen,<br>Pasted Scopes text box below Refresh the pa | find and enable the<br>age to see any new |  |
| RPI APIs & Services      | Edit app registration   | E Lbay   |  |                        |   |  |   |  |
|                          |   | 0- Credentials   | Scopes express the permissions that you request users to authorise for   | V Fiber Enters         | operty name or value  |  | •   |  |
| Dashboard                | O Auth consent screen —      Scopes —      Summary     Summary  | T DArth compart scient   | your app and allow your project to access specific types of private user<br>data from their Google Account. Learn more | 🖬 🖉 🕇                  | Scope   | User-facing desorption   |   |  |
| II Ubrary                |   |  |  |                        | ./suti/useints email<br>./suti/useints profile  | See your primary Google Account email o<br>See your personal info, including any per         |   |  |
| 04 Credentais            | App information   | CI Osmain verification   | ADD OR REMOVE SCOPES   |                        | _/water planeted process  | made publicly available  | oural and house                           |  |
| IF Dauth consent screen  | and the second second second second second  | To Page-usage aproximents  |  |                        | specid  | Associate you with your personal into on   |   |  |
|                          | This shows in the consent screen, and helps end users know who you are<br>and contact you   |  | Your non-sensitive scopes  | L BQDURY<br>AR         | _ rauto biggiery  | Vew and manage your data to Google Bo  | gunny .                                   |  |
| D Domain verification    | App name *  |  |  | BigDurry               | /autt/cloud-platform  | See, edit, configure and delete your Goog  | pe Coust Pattorn                          |  |
| Fo Page usage agreements | App name "<br>webdashboard  |  | API e Sospe User facing description  | D ByDuey               | /e./th/pparty   | View your data in Google BigQuery  | _   |  |
|                          | CALL AND  |  | No oper to delptor   | 49                     | readonly  |  |   |  |
|                          | Uver support email *  |  |  | BigQuery<br>APt        | /auth/cloud-gratterm<br>read-only   | View your data across Google Cloud Plat  | norm services                             |  |
|                          | martingwebdainboard be  |  | Your sensitive scopes     Sensitive scopes that request access to provide user pata                                    | 0 890.wy<br>491        | /auth/devstorage<br>Nal_control   | Manage your data and permission in Goo   | ogre Cloud Storage                        |  |
|                          |   |  |  | 0 892.44Y              | /auth/devistorage<br>read_only  | View your data in Google Cloud Storage   |   |  |
|                          | App logo BROWSE   |  | APT + Scope Uner-Tacing description<br>No rows to deplay   | Bq2xey                 | /autt-devstorage  | Manage your data in Google Cloud Stora   |   |  |
|                          | Epicani an image, not larger than 1. MB on the consent acress that will help users encogiver<br>your app. Allowed image formans are "PRI, PHIL and BMP Larges simuli be assume and<br>120on by 120on for the area masks.  |  |  | 491                    | read_write  |  |   |  |
|                          | and a strate source being servery   |  |  |                        |   | Rows par page 10 • 1 - 1<br>Google Cloud Platfor   | ten De Webdeeldoereft +                   |  |
|                          |   |  | Your restricted scopes   | Manually add s         | copes   | RPI APIs & Services  | Edit app registration                     |  |
|                          | To protect you and your users, Google only allows apps using DAuth to use<br>Authorised Domains. The following information will be shown to your users  |  | Restricted scopes are scopes that request access to highly sensitive user sate.  |                        | would like to add do not appr<br>ated by comman. Please pro-                              |  |   |  |
|                          | on the consent screen.  |  | API 🕈 Scope User facing description  | finished, click Add to |   | E Lowy   | your app and allow your proa-             | ions that you request users to authorise for<br>ect to access specific types of private user |
|                          | Application forme page  |  | Nas revers to complete   |                        |   | e- Detertais   | data from their Google Acco               | ant Learningre   |
|                          | Provide users a link to your home page  |  | SAVE AND CONTINUE CANCEL   |                        |   | 35 EAuth consent acreent   | ADD ON REMOVE SCOPES                      |  |
|                          | Contraction and the second s |  |  | ACO TO TABLE           |   | Doman verification   |   |  |
|                          | Application privacy policy link<br>Provide users a link to your public privacy policy   |  |  |                        |   | To Page stage agreements   | Your non-sensitive scop                   | pes  |
|                          | Provide strate is the to have been proved strate.   |  |  | UPDATE                 |   |  | API e from                                | Dan facing description   |
|                          | Application Terms of Service Int.   | 4  |  |                        |   |  | (advastative)                             | The your primary doops Account.  |
|                          | Provide users a link to your public Terror of Service   |  |  |                        |   |  | and a                                     | See your personal lefts, becading  |
|                          |   | Eiguro 15  | - Select the scopes  |                        |   |  | 2054                                      | publics analides   |
|                          | Authorised domains  | Figure 15  | - Select the scopes  |                        |   |  | and a                                     | Associate you with your servicess 🔹  |
|                          | When a domain a used on the consent solvers or in an D4uth clearts clastifyond on, it must be<br>an imported here. If you say needs to go through verification, plasse go to the <u>Consels Service</u><br>Consels or broad of goal classes are submarriant. Canon may adout the activates Solvers Territ.  |  |  |                        |   |  | A Your sensitive scope                    |  |
|                          |   |  |  |                        |   |  |   | t request access to private user data  |
|                          | + ADD DOMAIN  |  |  |                        |   |  | APL                                       | time facing description.   |
|                          | Developer contact information   |  |  |                        |   |  |   |  |
|                          | Emul addresses *  |  |  |                        |   | former and   | Your restricted scope                     |  |
|                          | These email addresses are for Google to hotify you alout any changes to your project.   |  |  |                        |   |  | And the super are super for               | directed access to tighty services one data  |
|                          |   |  |  |                        |   |  | Art & Boge<br>Sectores to Objerry         | can and another  |
| 4                        | SAVE AND CONTINUE CANCEL  |  |  |                        |   |  | SAVE AND CONTINUE CAR                     | m  |
|                          |   |  |  |                        |   | . 0  |   |  |

Figure 14 - You company information

Figure 16 – Save and continue

#### **OAuth client**

We navigate back to the Credential page in Google Cloud Platform. Het we click 'Create Credentials' -> 'Oauth client ID'. Then we need to configure this OAuth Client as a 'Web application' with the name 'Webdashboard'. The 'Authorised redirect URIs' are vital.

- https://backend.webdashboard.com/api/Authentication/GoogleWorkspace
- https://devapi.webdashboard.com/api/Authentication/GoogleWorkspace

When you created this OAuth client ID, make sure you save the Client ID and Client Secret for later use.

| =              | Google Cloud Platform | 🕽 Webdashboard1 👻        | ٩   |  |  |  |
|----------------|-----------------------|--------------------------|---|--|--|--|
| RPI            | APIs & Services       | Credentials              | + OREATE CREDENTIALS  |  |  |  |
| ¢              | Dashboard             | Create credentials to ac | API key<br>Identifies your project using a simple API key to check quota and access       |  |  |  |
|                | Library               | A Remember t             | OAuth client ID<br>Requests user consent so that your app can access the user's data.     |  |  |  |
| 0*             | Credentials           |                          | Service account   |  |  |  |
| 5              | OAuth consent screen  | API keys                 | Enables server-to-server, app-level authentication using robot accounts                   |  |  |  |
| ۵              | Domain verification   | Name Name                | Help me choose<br>Asis a few questions to help you decide which type of credential to use |  |  |  |
| T <sub>0</sub> | Page usage agreements | No API keys to displa    | Asks a rew questions to neip you decide which type of credential to use                   |  |  |  |
|                |                       | OAuth 2.0 Client II      | Ds  |  |  |  |
|                |                       | Name Name                | Creation date 👃   |  |  |  |
|                |                       | No GAuth clients to di   | solay   |  |  |  |
|                |                       | Service Accounts         |   |  |  |  |
|                |                       | Emai                     |   |  |  |  |
|                |                       | No service accounts to   | o display   |  |  |  |

Figure 17 – Create a OAuth Client ID



| OAut                   | h client created   |    |
|------------------------|--|----|
| The client<br>Services | t ID and secret can always be accessed from Credentiais in APIs  | 8  |
| 0                      | OAuth access is restricted to users within your organisation,<br>unless the <u>OAuth consent screen</u> is published and verified. |    |
| - Your Clie<br>779917  | ent ID<br>1515268-p83vfon5fduabgqoc8finhes5ot4pvbk8.apps.gc  | 0  |
| -sAe9t                 | nt seort<br>qaZXjrFOSAdDreOtvp   | 0  |
|                        |  | ок |
| gure :                 | 18 – Save these values for later us  | е  |

Figure 19 – Make sure the Applicationtype is Web Application and the reply URLs are correct

#### **Service Account**

First create the account. Navigate back to the credentials page <u>https://console.cloud.google.com/apis/credentials</u> and select 'Create Credentials' -> 'Service Account'.

Then under 'Service Account details' make clear this is for Webdashboard and under 'Grant this service account access to the project' choose 'Viewer' under 'Basic'.

Leave the other field blank and click done.

|         | Google Cloud Platform                        | 3• Webdashboard1 +          |  |
|---------|--|-----------------------------|--|
| RPI     | APIs & Services                              | Credentials                 | + CREATE CREDENTIALS   |
| 0<br>11 | Dashboard                                    | Create credentials to ac-   | API key<br>Identifies your project using a simple API key to check quota and access<br>OAuth client ID     |
| -       | Credentials                                  | API kéys                    | Requests user consent so that your app can access the user's data. Service account                         |
| 37      | OAuth consent screen                         | No API keys to displa       | Enables server-to-server, app-level authentication using robot accounts                                    |
| 0<br>=0 | Domain verification<br>Page usage agreements | OAuth 2.0 Client I          | Help me choose<br>Asks a few questions to help you decide which type of credential to use<br>Creation date |
|         |  | Name     Webdashboa         | •  |
|         |  | Service Accounts            |  |
|         |  | Email No service accounts t | to display   |
|         |  |                             |  |
|         |  |                             |  |

Figure 21 – Create a Service Account

Figure 20 – Webdashboard as Figure 22 – Basic / Viewer as grants account details

Now we need the Service Accounts Email / Unique ID and Key. For this click on your newly created Service Account. The Email and Unique ID are on the first page. Save them for later use. Now click on the Keys tab, select 'Add Key' -> 'Create new key' and download the JSON. Save this JSON for later use.

| ← Webdashboard   | ← webdashboard   |   |
|--|--|---|
| DETAILS PERMISSIONS KEYS METRICS LOGS  | DETAILS PERMISSIONS KEYS METRICS LOGS  | Create private key for 'webdashboard'   |
| Service account details           Name         SAVE           Velocisationard         SAVE           Perciption         SAVE           Imail         webdishboard           Imail         SAVE           Dmail         SAVE           Imail         Save           Imail Save and sav | Ways     Add a new key pair or usional a public key certificate from an existing key pair. Peake note that public certificates need to be in RAU, 350, PEM format (sam nove about source) courses of the second source) courses of the second source of the seco | Downloads a file that contains the private key. (Bore the file securely because this key cannot be recovered if lost. |

Figure 23 - Save these values for later use Figure 24 - Create a new key



#### **Google Workspace Security**

Now we configured the API's, by which account and what the scopes are, we need to connect this to your specific Google Workspace. Open the Admin panel <u>https://admin.google.com</u> click security click on 'API Controls'. On this page under 'Domain-wide delegation' select 'Manage Domain-wide delegation'. Click Add New.

Here you fill in the 'Unique ID' from your security account (figure 24) and add the following scopes and click 'Authorize':

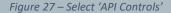
https://www.googleapis.com/auth/admin.directory.group.readonly

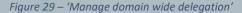
#### https://www.googleapis.com/auth/admin.directory.user.readonly

| ≡ Google Admin  | Q. Search for users, groups                    | s or settings  |  |   |   |   | 0 0  |   |
|---|--|--|--|---|---|---|--|---|
| Admin Console   |  |  |  |   |   |   |  |   |
| Dashboard<br>See relearst mights<br>about your organisation | Users<br>Add er manage users                   | Groups<br>Create groups and<br>mailing lists                 | Organisational units<br>Add, remove, meanes,<br>move or search for an<br>organisational unit | Buildings and<br>resources<br>Manage and moritor<br>buildings, rooms and<br>columns | Devices<br>Secure consorts data<br>on devices | Apps<br>Manage agos and their<br>syttings | Security<br>Configure security<br>settings | ¢ |
| Reports<br>Monitor usage across<br>your organisation        | Billing<br>Manage subscriptions<br>and billing | Account settings<br>Update information<br>about your company | Admin roles<br>Manage administrative<br>roles  | Domains<br>Manage your domains  | Data migration<br>Manage migration            | Support<br>Talk to our support<br>team    |  |   |

Figure 26 – On the Google Workspace admin page, click on 'Security'

|   |   |                        | MANAGE COOGLE SERVICES  | MANAGE THIRD-PARTY APP ACCESS   |
|---|---|------------------------|---|---|
| Set up single sign-on (SSO) with a third party IdP  | ~ |                        |   |   |
| Set up single sign-on for managed Google Accounts using a third-purty identity provider.  |   | Settings               | Show this message if a user tries to use an app that cari               | access restricted Google services   |
| Advanced Protection Program<br>Configure the strongest security settings for those who need it must   | ~ |                        |   |   |
| Enrollment<br>Allow users to enroll in the Advanced Protection Program:   |   |                        | Message (300 characters limit)  |   |
| Andre dans to destin in the Available Processon Program.<br>Enable user enablement, discutty codes: Allow security<br>codes without remote access |   |                        | Block all the d-party API access  | loogle Workspace data. This setting blocks all OAuth scopes, including  |
| Applied at webdishbourd be  |   |                        | signin scopes. Learn more   | an ann a' fhainn ann an tha fhainn ann an thainn an |
|   |   |                        | Trust internal, domain-owned apps                                       |   |
| Context-Aware Access  | ~ |                        | Internal, domain owned apps will be exempt from a                       | ccessing 0-Auth scopes that are restricted or blocked   |
| Use device and user identification to manage access levels and enforce access policies for Google Workspace applications.                         |   |                        | Apps that you trust on the Google Workspace Marketplac<br>control list. | ie, Android or iQS whitelist are automatically trusted on your App access                                       |
| Google Cloud session control (Beta)   | ~ |                        |   | CANCEL SAVE   |
| Set session duration for Google Cloud Platform console and Google Cloud SDK   |   | -                      |   | CANCEL BAVE   |
|   | _ | Domain-wide delegation |   |   |
| API controls  | ~ |                        | ions and other AB clients with Google to enable access to d             | ata in Google services like Gmail. You can authorise these registered clients                                   |
| Manage OAuth access to third party apps, and manage Domain wide delegation  |   |                        | is having to individually give consent or their passwords. Lea          |   |
|   |   |                        |   |   |





.directory.group.readonly .directory.user.readonly

ie ID and

| Add a new client ID  |                  |   |
|--|------------------|---|
| Client ID<br>113207476101874380473<br>Overwrite existing client ID @ | ]                |   |
| https://www.googleapis.com/au  |                  | Figure 28 – User you Service Account unique https://www.googleapis.com/auth/admin |
| OAuth scopes (comma-delimite   | d)               | https://www.googleapis.com/auth/admin   |
|  | CANCEL AUTHORISE | as a scopes   |



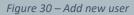
#### Service account user

Now all settings are done, we only need a user account to actually read data from your workspace. We are going to create a user that will act as an service account. The rights this user will need are: <u>Groups Admin</u>

You will need to add this account in Webdashboard connect to google workspace setup screen.

Open the Admin panel <u>https://admin.google.com</u> under Users click on 'Add a user'.

| ≡ Google Admin | Q Search for users, groups or settings            |           |  |          |  |
|----------------|---|-----------|--|----------|--|
| Admin Console  |   |           |  |          |  |
|                | Welcome to your new Admin console homepage! You'  | ll find e | asier navigation and quick access to common user, billing an | d domain | tasks. Stay tuned for more enhancements! Learn r |
|                | Lusers ^  |           | Billing  | ^        | Domains  |
|                | Add a user  |           | Manage subscriptions   |          | Manage domains                                   |
|                | Delete a user                                     |           | Payment accounts   |          | Add a domain                                     |
|                | Update a user's name or email                     |           | Get more services  |          | Change your primary domain                       |
|                | Create an alternative email address (email alias) |           |  |          |  |
|                |   |           |  |          |  |



In the popup add a user we called it "serviceaccount" and click on add new user. Save the email we will need it later.

| Add new user                                  |
|---|
|   |
| First name *                                  |
| serviceaccount                                |
| Sumame *                                      |
| serviceaccount                                |
| Primary email *                               |
| serviceaccount @ webdashboard.be              |
| Organisational unit*                          |
| webdashboard.be                               |
| Secondary email                               |
| Phone number                                  |
| * indicates a required field                  |
| Automatically generate a password             |
| Ask for a password change at the next sign-in |
| CANCEL ADD NEW USER                           |

Figure 31 – Add new user popup.



Now we need to assign the role <u>Groups Admin</u> to the newly added user. Browse to the new user and click on Assign roles.

| ≡ Google Adn                                      | nin Q. Search for users, groups or settings               |  | 8 | ? |  |
|---|---|--|---|---|--|
| Users > serviceaccount                            | tserviceaccount   |  |   |   |  |
|   |   | User details   |   |   |  |
| Service<br>serviceacci<br>Active<br>Last sign-in: | serviceaccount<br>serviceaccount@webdashboard.be          | Security<br>2-step vetification: OFF Application-specific password Connected applications<br>Not enforced and not enabled for serviceaccount 0 applications specific passwords created account account | ~ |   |  |
|   | Organisational unit<br>webdashboard.be                    | Recovery renall Add a recovery phone   |   |   |  |
|   | RESET PASSWORD  | Password settings   Application Integrations   |   |   |  |
|   | RENAME USER   | Groups   | ~ |   |  |
| EMAIL<br>SUSPEND USER                             |   | serviceaccount doesn't belong to any groups. Add<br>serviceaccount to team and project groups, making it easier<br>for this user to collaborate.   |   |   |  |
|   | RESTORE DATA<br>DELETE USER<br>CHANGE ORGANISATIONAL UNIT | Admin roles and privileges<br>serviceaccount doesn't have any admin roles or privileges.   | ~ |   |  |
|   |   |  |   |   |  |

Figure 32 – Assign roles to user.

Toggle the Group Admin switch to on and save.

| 0 roles assigned  |                          | CREATE CUSTOM ROL |
|---|--------------------------|-------------------|
| Role name   | Scope of role            | Assigned state 🛧  |
| Super Admin<br>Google Workspace Administrator Seed Role |                          | Not assigned      |
| Groups Admin<br>Groups Administrator                    |                          | Not assigned      |
| Groups Reader<br>Groups Reader                          | All organisational units | Assigned          |
| Groups Editor<br>Groups Editor                          | -                        | Not assigned      |
| User Management<br>User Management Administrator        |                          | Not assigned      |
| Help Desk Admin<br>Help Desk Administrator              | -                        | Not assigned      |
| Services Admin<br>Services Administrator                |                          | Not assigned      |
| Mobile Admin<br>Mobile Administrator                    | -                        | Not assigned      |

Figure 32 – Assign group admin role to the serviceaccount



#### **Connect in webdashboard**

In the previous steps you saved some data we need to connect in webdashboard.

- Credentials json
- OAuth Client Id
- Client Secret
- Service Account (new user)
- Project name

Make sure you got al those values, if you miss one go some steps back to get the right information. Upload the json and complete the rest of the form and press "connect google"

After its connected you should see a green sign and the window will close.

| 🚱 Connect my business to Google workspace                | ⊗ | 🔗 Connect my business to Google workspace  | ⊗ |
|--|---|--|---|
| webdashbaard1-10   |   | webdas/boardt:10                           |   |
| Ofuth Id   |   | OArah Id                                   |   |
| vfom5fduabggoc8fmhes5ot4pvbk8.apps.googleusercontent.com | - | Client secret                              |   |
| EDSAdEheDtvp   | - | Server account                             |   |
| Service account @webdashboard.be                         |   | Prijet name                                |   |
| Project name<br>Webdashboard1                            |   |  |   |
|  |   |  |   |
|  |   |  |   |
|  |   | Succesfully connected to Google workspace. |   |
|  |   |  |   |
|  |   | 2748427 (2747) S                           | _ |

Congratulations Webdashboard and Google workspace are now connected!



## "

### Webdashboard is the Power-up for your Power BI environment!

# It's not a replacement but it adds the vital features you never knew you needed!

"

#### Webdashboard Contact

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