

# Connector Google Analytics

## Configuration: Authentication data for Digdash (service account + P12 file + Google Analytics account's ID)

## Summary

I.Context	3
II.Prerequisites	4
III.Creating a new project	5
IV.Activating Google Analytics API	7
V.Creating a service account and a P12 file	9
VI.Connecting service account and Google Analytics account	12
VII.Getting Google Analytics account's ID	14
VIII.Connecting to Google Analytics via Digdash Enterprise Studio	15

## I. CONTEXT

This document explains how to get authentication information that Digdash needs to connect to your Google Analytics account.

We need the following information:

- Service account
- ➢ P12 file
- Google account's ID

#### **II. PREREQUISITES**

- > Being a G Suite subscriber or Cloud Identity subscriber
- > Having an activated Organization resource on your domain

## **III. CREATING A NEW PROJECT**

Go to your Google Cloud console at:

#### https://console.cloud.google.com/projectselector/home/dashboard? supportedpurview=project

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		<sub>Home</sub> Dashboard							
		To view this page,							

You can either select an existing project or create a new project.

We are going to focus on the creation.

Then click on **Create**.

The next screen allows you to define the project. Give it a name and choose its associated Organization.Then click on **Create**.



Please wait for a few seconds, the creation takes a few seconds.



The Organization resource is the root node in the Google Cloud Platform resource hierarchy and is the hierarchical super node of projects. A project is then defined after an Organization and the choice is definitive.

#### **IV. ACTIVATING GOOGLE ANALYTICS API**

Go to your Google Cloud console at:

https://console.cloud.google.com/projectselector/home/dashboard? supportedpurview=project

Select the new project we just created.

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In the left side bar, go to API & services > Library

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Get down on the page to find Other > Analytics API. Click on it.



In the next screen, click on **Enable**.

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#### V. CREATING A SERVICE ACCOUNT AND A P12 FILE

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In the left side bar, go to API & services > Credentials

In the next screen, click on Create credentials > Service account key

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API	APIs & services	Credentials
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Ш	Library	Create credentials - Delete
07	Credentials	API key Identifies your project using a simple API key to check quota and access. OAuth client ID Requests user consent so your app can access the user's data.
		Service account key Enables server-to-server, app-level authentication using robot accounts. Help me choose

In the next screen, select **New service account** in the dropdown list **Service account** and enter a name in **Service account name**. This generates a **Service account ID** in an email address form (ending with **gserviceaccount.com**).

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		Service account ID         testaccount       @poetic-hawk-155906.iam.g         Key type         Downloads a file that contains the private key. Store the file secure cannot be recovered if lost.         JSON         Recommended         P12         For backward compatibility with code using the P12 format         Create       Cancel	-		7		

In the **Role** list, select **Project** > **Owner** 

In the options Key type, select P12 then click on Create.

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The P12 file will be downloaded automatically on your disk, please save it preciously. Click on **Close**.



In the next page, click on Manage service accounts (on the right).



#### Then, get the Service account ID (in an email address form).

Service accounts for project "TestProject A service account represents a Google Cloud service Q, Find a service account		ite Engine VMs, App Engine apps or systems running outside G	oogle. <mark>Learn more</mark>
Service account name ^	Service account ID	Key ID	Key creation date
■ Compute Engine default service account	734048903693- compute@developer.gserviceaccoun	No keys t.com	
• <b>1</b> testaccount	testaccount@poetic-hawk- 155906.iam.gserviceaccount.com	9bb336c5caa6c07fa9a28399b273930e4d3529ac	🝵 17 Jan 2017

#### VI. CONNECTING SERVICE ACCOUNT AND GOOGLE ANALYTICS ACCOUNT

Now, we are going to connect the service account we created to your Google Analytics account.

Go to your Google Analytics account at:

https://analytics.google.com/analytics/web/

In the left side bar, click on Admin



Then click on User Management

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<b></b>	DigDash	
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Add the service account ID (in an email address form) and let **Read & Analyse** in the list next to the field.

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		Show rows 10 - 1-6 of 6 <
	Add permissions for: nt@projet-test-155909.lam.gserviceaccount.com Read & Analyse	
	User email that is registered in Google accounts	
	Notify this user by email	

Please wait for a few seconds so the changes are taken in count (about 3 minutes).

#### VII. GETTING GOOGLE ANALYTICS ACCOUNT'S ID

This is the ID you will need to enter in Digdash Enterprise Studio. Go to your Google Analytics account at:

https://analytics.google.com/analytics/web/

You can display all your Google Analytics accounts clicking on the button **All accounts** at the top right corner of the page.



This lists all your Google Analytics accounts with their names, their IDs (first column). Please take note of the Google Analytics account's ID you want to work with (the one that is linked to our service account).

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#### VIII. CONNECTING TO GOOGLE ANALYTICS VIA DIGDASH ENTERPRISE STUDIO

When in Digdash Enterprise Studio, choose a new Google Analytics datasource. In the interface, enter the corresponding information:

Service account : it is the service account name we got in an email address form (in the example: testaccount@projet-test-155909.iam.gserviceaccount.com)

> P12 file: It is the P12il s'agit du fichier .p12 téléchargé lors de la création du compte de service)

Account ID: il s'agit de l'identifiant récupéré dans Google Analytics, dans l'exemple 64134024)

Load the objects.

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Service account name 773345404603-compute@developer.gserviceaccount.com P12 file Demo-2ef52d99b89d.p12 Load P12 certificate Account ID 64134024 Load objects View ID DigDash Time Range Start date: 12/05/2017 T End date: 19/05/2017 Advanced options Data representation Use drag and drop to add measure(s) you want to display.  Data representation Use drag and drop to add measure(s) you want to display.  Advailable measures (DS) Ad Exchange User DoubleClick Campaign Manager For Page Tracking Event Tracking Ster Speed Taffic Sources Adsense DoubleClick Search	Google Analytics Repo	ort Engine								
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(la capture est seulement indicative et ne reprend pas obligatoirement les données des exemples précédents)



Type APIs & services

#### Overview

The Google Drive API allows clients to access resources from Google Drive.