

Google Analytics API Keys Setup Guide

The admin can configure 'Google Analytics' keys from System Settings > General Settings > Third-Party API.

Google Analytics											
Client Id											
	This Is The Application Client ID Used In Analytics Dashboard.										
Secret Key											
	This Is The Application Secret Key Used In Analytics Dashboard.										
Analytics Id											
	This Is The Google Analytics Id. Ex. Ua-xxxxxxx-xx.										
Please save your settings & click here to Re-Authenticate settings.											

Fig. 1: Google Analytics Settings (Admin-end)

a. Configure Client Id and Secret Key

To collect these keys, the admin must follow the steps provided below:

- 1. The admin must login into their gmail account by entering their gmail ID and password. If the admin does not have a gmail account, they must first complete their Sign Up process.
- Once logged in, the admin must visit <u>https://console.developers.google.com/</u>.
 As shown in figure 2, the dashboard will open on the screen.



≡	Google APIs Select a proj	oject 🔻	٩									-	S	Se	ea	arc	ch	for	r Af	Pls	s a	an	d	Se	erv	ric	es	5					•		Ĩ	Ì	(9		Ļ				(•
API	APIs & Services	Dash	board	d																																									
٠	Dashboard		-																																			0.0	-	TE	DE		F0.	-	
出	Library	0	То	To vi	VIE	VIE	/16	16	16	IE	e	e	ew	W	th	าเร	pa	age,	, se	elec	ct a	a p	oro	Jeo	ct.													CR	EA	IE	Рн	00	EC	1	
0+	Credentials																																												
19	OAuth consent screen																																												
	Domain verification																																												
≡¢	Page usage agreements																																												

Fig. 2: Dashboard

3. On the dashboard, the admin must click on '**Select a Project**' drop-down provided on the top-navigation panel. If no project has been created as shown in figure 3, click on the '**New Project**' button provided on the top-right corner.

Select from NO ORGANIZATION V	NEW PROJECT
Q	
RECENT ALL	
Name	ID
No organization	0
	CANCEL OPEN

Fig. 3: Select a Project



- 4. A 'New Project' form will appear as shown in figure 4. Admin must:
 - **Project Name*:** Enter a unique project name.
 - **Organization*:** Select the organization to which the new project is to be attached. This select cannot be changed later.
 - **Location*:** Enter the link of the parent organization or folder.

≡ G	oogle APIs	
lew Pi	roject	
	You have 5 projects remaining in your quota. Re delete projects. <u>Learn more</u>	equest an increase or
	MANAGE QUOTAS	
Project r My Proj	name.*	0
Project I	D: modern-tangent-285712. It cannot be changed late	er. EDIT
Organiza	ation *	
' ,	1.com	- 0
Select a	n organization to attach it to a project. This selection o	can't be changed later.
B /	, '.com	BROWSE
Parent o	organization or folder	
CREAT	E CANCEL	

Fig. 4: Create New Project Form

Once the input fields have been entered, the admin must click on '**Create**' to add the new project.

5. The admin will be redirected to the '**Dashboard**' of the newly created project as shown in figure 5.



≡	Google APIs 1 Test 33	•	Q	Search	for AF	Pls and Se	rvices		/	•		ŧ	0	۰	ł
API	APIs & Services	APIs &	Servic	es	+	ENABLE	APIS AND S	ERVICES							
φ	Dashboard	•	Mar de										the 10		
***	Library		You do	on't have a	ny APIs	s available t	to use yet. T	o get started	l, click "Enable	e APIs and se	rvices" or	go to	the AP	1 library	
0*	Credentials														
59	OAuth consent screen														
	Domain verification														
T ₀	Page usage agreements														

Fig. 5: Dashboard of Selected Project

The admin must click on the 'Enable APIs and Services' button provided on this page. The admin will be redirected to 'Welcome to the API Library' page as shown in figure 6.

≡ Google APIs :	Test 3 🔻	Search for APIs and Services	Ψ.	ii 0 1 : (
← API Library				
*	· ·			
D . 4	Welcome to the API Li The API Library has documentation	brary , links, and a smart search experience.	5	· ·
	Q Search for APIs & Service	s		•
Filter by	Maps			VIEW ALL (17)
VISIBILITY Public (294) Private (2)	Maps SDK for Android Google	Maps SDK for iOS Google	Maps JavaScript API Google	Places API Google
CATEGORY Advertising (13)	Maps for your native Android app.	Maps for your native iOS app.	Maps for your website	Get detailed information about 100 million places

Fig. 6: 'Welcome to the API Library' Page

6. The admin must search '**Google Analytics API**' in the search bar provided on this page which will provide search results as shown in figure 7.



	• Test 33 🔻	Q Search for APIs and Services	-
← Search		Q Google Analytics API	×
Filter by	10 results		
CATEGORY Advertising (1) Analytics (4)	al	Google Analytics API Google The Analytics API provides access to Analytics configuration and report data.	
Analytics (4) Big data (4) Financial services (1) Healthcare (1) Storage (1)	4	Google Analytics Reporting API Google Access report data in Google Analytics.	
YouTube (2) Other (1)	٠	YouTube Analytics API Google Retrieves your YouTube Analytics data.	

Fig. 7: Search 'Google Analytics API'

The admin must select the first option as marked in the figure 7.

 The admin will be redirected to the 'Google Analytics API' page as shown in figure 8 below.



	۹ ۵	Search for APIs and Services
<		
Google Analytics API Google The Analytics API provides access to Analytics configuration and rep ENABLE TRY THIS API [2]	ort data.	
OVERVIEW DOCUMENTATION		
Overview The Analytics API provides access to Analytics configuration and report data.	dditional c	letails
About Google	ype: <u>APIs & s</u> ast updated:	services : 1/11/20
Google's mission is to organize the world's information and make it universally accessible and useful. Through products and platforms like Search, Maps, Gmail, Android, Google Play, Chrome and YouTube, Google plays a meaningful role in the daily lives of billions of people.	ategory: <u>Oth</u> ervice name	ier : analytics.googleapis.com
Tutorials and documentation		
Terms of Service		

Fig. 8: Google Analytics API page

Admin must click on the 'Enable' button which will redirect them to the 'Overview' page under Google Analytics API as shown in figure 9.



\equiv	Google APIs 🔹 Test 3 👻	Q Search for APIs	and Services • 12 0 ()	ł
.1	APIs & Services Google Analytics API	Overview DISABLE API	X	
98	Overview	To use this API, you may need credentials	Click 'Create credentials' to get starled. CREATE CREDENTIA	ALS
1	Metrics	III Details	☆ Traffic by response code	
	Quotas	Name Goode Arabitics API	Request/sec (2 hr average)	
	Credensians	By Google		1
		Service name analytics.googleapis.com	100	
		Overview The Analytics API provides access to	No data is available for the selected time frame.	i.
		Analysics consignation and report data. Activation status Enabled	6.25	
		Tutorials and documentation	→ View metrics	
		Learn more		

Fig. 9: 'Overview' tab under 'Google Analytics API'

The admin must click on the '**Create Credentials**' button provided on this page as marked in figure 9.

 Clicking on 'Create Credentials' will redirect the admin to 'Credentials' tab as shown in figure 10. The admin must skip this step by clicking on the 'Cancel' button provided below the form as marked in figure 10.



≡	Google APIs 🔹 Test 3 👻	Q Search for APIs and Services	-
API	APIs & Services	Credentials	
٥	Dashboard	Add credentials to your project	
ш	Library	1 Find out what kind of credentials you need	
0+	Credentials	We'll help you set up the correct credentials If you wish you can skip this step and create an API key, client ID, or	
52	OAuth consent screen	service account Which API are you using?	
Z	Domain verification	Different APIs use different auth platforms and some credentials can be restricted to only call certain APIs.	
Ξo	Page usage agreements	Choose 🔻	
		What credentials do I need?	
		2 Get your credentials	
		Cancel	

Fig. 10: Credentials tab

9. On cancelling the previous step, the admin will be redirected to the 'Credentials' page. The admin must click on the 'Create Credentials' button provided on the top-navigation bar of this page and then select 'OAuth Client ID' from the drop-down list.



=	Google APIs 🔹 Test 3 👻		Q. Search for APIs to Services	*	± 0 + i 🤹
RPI	APIs & Services	Credentials	+ CREATE CREDENTIALS		
Φ	Dashboard	Create credentials to ac-	API key Identifies your project and ascess		
	Library	A Remember 1	OAuth client ID		CONFIGURE CONSENT SCREEN
0+	CredenBals		Service account		
9	GAuth consent screes	API Keys	Enables server to server, app level authentication using rabet accounts		
	Domain verification	Marrise	Help me choose	Key Usage with all services ()	lant 30 deyn) 😡
10	Page usage agreements	No API keys to displa	waxe a level diversion at their your decide version type on credenate to ane		
		OAuth 2.0 Clie	nt IDs		
		Marse Name	Creation date 🖕	Тури	Client ID
		No GAath clients to di	splay		
		Service Accou	nts		Manage service accounts
		frei	Name 🛧 Usage with all so	rvices (last 30 days) 🔞	
		No service accounts t	o display		

Fig. 11: Credentials Page

10. The admin will be redirected to the '**Create OAuth Client ID**' page as shown in figure 12.

≡	Google APIs Start 3 -		Q Search for APIs and Services		•		Ĭ	0		:
API	APIs & Services	← C	eate OAuth client ID							
<>	Dashboard	A client II	is used to identify a single app to Google's	OAuth servers. If your app runs on						
Ш	Library	multiple p informati	atforms, each will need its own client ID. S n.							
0-	Credentials		To create an OAuth client ID, you must fir	st set a product name on the conser	nt scre	een				
ijУ	OAuth consent screen		CONFIGURE CONSENT SCREEN							
	Domain verification									
≡¢	Page usage agreements									

Fig. 12: 'Create OAuth Client ID' page

The admin must click on '**Configure Consent Screen**' which will redirect them to '**OAuth Consent Screen**' as shown in figure 13 (a) and (b) below.



OAuth consent screen			
Before your users authenticate, this consent screen will allow them to cho	ose	About the consent screen	
whether they want to grant access to their private data, as well as give the to your terms of service and privacy policy. This page configures the cons screen for all applications in this project.	m a link ent	The consent screen tells your users who is requesting access to their data and what kind of data you're asking to access.	
Verification status			
Not published		OAuth verification	
Application name		To protect you and your users, your consent screen and application may need to be verified by Google. Verification is required if your app is marked as Profile and a least one of the following is taken	
Application logo		 Your app uses a sensitive and/or restricted scope 	
Local file for upload	Browse	 Your app displays an icon on its OAuth consent screen 	
		 Your app has a large number of authorized domains 	
		 You have made changes to a previously-verified OAuth consent screen 	
Support email 🛞		The verification process may take up to several	
Shown on the consent screen for user support		weeks, and you will receive email updates as it progresses. Learn more about verification.	
testadmin@dummyid.com	*	Before your consent screen and application are	
Scopes for Google APIs Scopes allow your application to access your user's private data. Learn more		verified by Google, you can still test your application with limitations. Learn more about how your app will below before ite worked.	
If you add a sensitive scope, such as scopes that give you full access to Calenda	r or Drive,	behave before it's verified.	

Fig. 13 (a): OAuth Consent Screen



	Okuth grant limits Token grant rate Your current per minute token grant rate limit is 10 grants per minute. The per minute token grant rate resets every minute. Your current per day token gr rate limit is 10.000 grants per day. The per day token					
openid				it is 100 int rate ken grant lav token		
Add scope	grant rate	resets	every da	y.	ine per e	aj 101011
Authorized domains 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	Raise limi	t 1h	6h	1d	7d	30d
example.com						
Type in the optimality press criter to add it.		NO	data for ti	his time i	nterval	
Application Homepage link Shown on the consent screen. Must be hosted on an Authorized Domain.						
Application Homepage link Shown on the consent screen. Must be hosted on an Authorized Domain. https:// or http://						
Application Homepage link Shown on the consent screen. Must be hosted on an Authorized Domain. https:// or http:// Application Privacy Policy link Shown on the consent screen. Must be hosted on an Authorized Domain.						
Application Homepage link Shown on the consent screen. Must be hosted on an Authorized Domain. https:// or http:// Application Privacy Policy link Shown on the consent screen. Must be hosted on an Authorized Domain. https:// or http://						
Application Homepage link Shown on the consent screen. Must be hosted on an Authorized Domain. https:// or http:// Application Privacy Policy link Shown on the consent screen. Must be hosted on an Authorized Domain. https:// or http:// Application Terms of Service link (Optional) Shown on the consent screen. Must be hosted on an Authorized Domain.						
Application Homepage link Shown on the consent screen. Must be hosted on an Authorized Domain. https:// or http:// Application Privacy Policy link Shown on the consent screen. Must be hosted on an Authorized Domain. https:// or http:// Application Terms of Service link (Optional) Shown on the consent screen. Must be hosted on an Authorized Domain. https:// or http:// Application Terms of Service link (Optional) Shown on the consent screen. Must be hosted on an Authorized Domain. https:// or http://						

Fig. 13 (b): OAuth Consent Screen

Admin must enter the '**Application Name**' and Dashboard domain to the '**Authorized Domains**'. Admin can also enter the other necessary details and then click on the '**Save**' button.

11. Admin must then again click on the '**Create Credentials**' blue plus icon and select '**OAuth Client ID**' option from the list which will redirect admin to '**Create OAuth Client ID**' page as shown in figure 14.

API	APIs & Services	← Create OAuth client ID
¢\$>	Dashboard	A client ID is used to identify a single app to Google's OAuth servers. If your app runs on
Ш	Library	information.
0+	Credentials	Application type *
ijΫ	OAuth consent screen	Learn more about OAuth client types
	Domain verification	
≡¢	Page usage agreements	



Fig. 14: Create OAuth Client ID

Admin must select the 'Application Type*' from the drop-down list. Select 'Web Application' from the list which will open an extended list as shown in figure 15 that is to be filled by admin. Admin can enter a new name for their client Id.



Fig. 15: 'Web Application' for 'Create OAuth Client ID'

Admin must add:



- Authorizer JavaScript origins: Add domain name with format <u>http://domainname.com</u> or <u>https://domainname.com</u> (for SSL certificate enabled on server).
- Authorized Redirect URIs: Add callback URI on which it will redirect you back and provide merchant account details. The format to be used: <u>http://domainname.com/public/admin.php?url=configurations/redirect</u> or

https://domainname.com/public/admin.php?url=configurations/redirec <u>t</u> (if SSL certificate enabled on server).

12. Admin must click on '**Create**' which will create the **Client ID** and **Secret Key** and display them in a pop-up box as shown in figure 16.

OAuth client created	
The client ID and secret can always be accessed from Credentials in A Services	APIs &
• OAuth is limited to 100 <u>sensitive scope logins</u> until the <u>OA</u> <u>consent screen</u> is verified. This may require a verification that can take several days.	<u>uth</u> process
Your Client ID	.gc 🖸
Your Client Secret	Ō
	0

Fig. 16: OAuth Client Created

13. The keys generated will also appear on the **'Credentials'** page as shown in figure 17.



	Creden	tials	+ CREATE CRED	ENTIALS	E DELETE					
Deshboard	Create cre	dentials to acc	ess your enabled Al	Hs. <u>Learn m</u> c	ne i					
Library	ADLK	(010								
Credentials	APTR	Nore &	Crastico data	.L.	Destructions	Kent	lines with all condear fit	ut 30 days		
OAuth consent screen	No API	keys to diaplay	Creator Gate	*	economis	ney	Using with all services (a	nsi oʻu udys	v	
Domain verification	OAut	th 2.0 Clie	nt IDs							
Page usage agreements		Name		Creation dat	÷	Туре	Client ID			
	-	Client ID and	Secret Key	Aug 7, 2025		Web application	641624553607-pp2e	0	/ 1	±
-	Servi	ice Accou	nts						Manage service ac	counts
		Email	Nam	• ↑	L	isage with all services ()	ast 30 days) 🔞			
	Na serv	rice accounts t	o display							
	Deshboard Ubrary Credentials DAuth consent screen Domain verification Page usage agreements	Deshiboard Create cre Jerry API I Credentials Interfection No API Auth consent screen No API Arage usage agreements Interfection OAUT Servi	Deshiboard Create credentials to acc Jöredentials Create credentials to acc API Keys Auth consent screen No API keys to diable No API keys to diable No API keys to diable No API keys to diable No API keys Create credentials to acc API Keys No API keys No API keys Consent screen No API keys Consent screen Consent	Deshiboard Jibriry Create credentials to access your enabled Al API Keys Dath consent screen No API keys to diseky No API keys to diseky OAuth 2.0 Client IDs ■ Name ■ Client ID and Secret Key Service Accounts No service accounts to display	Deshiboard Jibray Credentials to access your enabled APIs. Learn mod API Keys API Keys Dath consent screen No API keys to display OAuth 2.0 Client IDs ■ Name Creation date ■ Creation date ■ Name ■ Name	Deshiboard Library Create credentials to access your enabled APIs. Learn more API Keys API Keys Dath consent screen No API keys to diablin Domain verification Page usage agreements OAuth 2.0 Client IDs Name Creation date ↓ Creation date ↓	Deahboard Jeredentials Create credentials to access your enabled APIs. <u>Loann more</u> API Keys Auth consent screen tomain verification age usage agreements OAuth 2.0 Client IDs Name	Deshboard Create credentials to access your enabled APIs. Learn more Altray API Keys Create credentials to access your enabled APIs. Learn more Apt Api Keys Domain verification Page usage agreements OAuth 2.0 Client IDs None Creation date ↓ None Creation date ↓ Name Creation date ↓ Type Client ID and Secret Key Aug 7. 2029 Web application O41624353667-pp2e Service Accounts Image with all services (last 30 days) No service accounts to display	Deal-bloard Create credentials to access your enabled APIs. Learn more Altray API Keys Create credentials Name ↑ Creation date ↓ Restrictions Key Usage with all services (last 30 days) Auth consent screen OAuth 2.0 Client IDs OAuth 2.0 Client IDs Image usage agreements Image usage agreements Name ↑ Creation date ↓ Type Client ID Client ID and Secret Key Aug 7. 2029 Image usage agreements Client ID and Secret Key Aug 7. 2029 Web application 6416243536697-pp2e Image usage agreements Image usage agreements Name Creation date ↓ Type Client ID Image usage agreements Image usage agreements Image usage agreements Image usage agreements Image usage agreements Image usage agreements Image usage agreements Image usage agreements Image usage agreements Image usage agreements Image usage agreements Image usage agreements Image usage agreements Image usage agreements Image usage agreements Image usage agreements Image usage agreements Image usage agreements Image usage agreements	Deal-bloard Create credentials to access your enabled APIs. Learn more Altriny API Keys Auth consent screen None ↑ Creation date ↓ Restrictions Key Usage with all services (last 30 days) ● Auth consent screen OAuth 2.0 Client IDs OAuth 2.0 Client IDs Image service accounts Image usage agreements None Creation date ↓ Type Cleent ID Image service accounts OAuth 2.0 Client IDs Image service accounts Image service accounts Name ↑ Usage with all services (last 30 days) Image service accounts to display

Fig. 17: Credentials Page

The generated keys must be copied and pasted by the admin into respective input-fields to configure them in their settings as shown in <u>figure</u> <u>1</u>.

b. Configure Analytics Id

Follow the steps given below to get Google Analytics Id-

1. Log into your **Google Account** (gmail account) and then visit <u>https://analytics.google.com/</u> which will open the **Analytics** homepage.





Fig. 18: Google Analytics Homepage

- 2. Click on the '**Start Measuring**' button which will redirect the admin to the **Analytics Signup Page**. The signup process includes three steps.
- In the first step which is 'Account setup', enter the 'Account Name' as shown in the figure 19 below.



Fig. 19: Account Details

Click on 'Next' to proceed on to the next step.

4. In the second step that is '**Property Setup**', enter the '**Property Name**' and then click on '**Show Advanced Options**' provided in this section, as shown in the figure 20 below.



Analytics
Account setup
2 Property setup
Property details A property represents a business's web and/or app data. An account can contain one or more properties. Learn more *Navigate to your Firebase account if you want to create a new property for an existing Firebase project.
Create a Google Analytics 4 property to measure your web and/or app data. Property name
Reporting time zone United States (GMT-08:00) Los Angeles Time
Currency US Dollar (USD \$) 👻
You can edit these property details later in Admin
Next Previous
3 About your business

Fig. 20: Property Setup

An extended section will be displayed here. Enable the '**Universal Analytics**' toggle button provided to the right (as marked in figure 21 below).



	$ \longrightarrow $
Hide advanced options	
Create a Universal Analytics property	0
The Universal Analytics property is a part of an earlier version of Google Analytics and o for new Analytics users, and it will not support app measurement. Turn this on if you'd li	only supports web measurement. It is not recommended ike to create a Universal Analytics property.
Next Previous	

Fig. 21: Advanced Options

5. Once the UA property is enabled, enter the website URL in the provided input box as shown in the figure 22 below.

he Universa or new Analy	Analytics property is a part of an earlier version of Google Analytics and only supports web measurement. It is not recommended rtics users, and it will not support app measurement. Turn this on if you'd like to create a Universal Analytics property.
ehsite LIRI	
https://	www.mywebsite.com
	Valid website URL is required.
Create b	oth a Google Analytics 4 and a Universal Analytics property
This will	create two properties with connected site tags, so you only need to tag your website once. Learn more
🔽 Enab	le enhanced measurement for Google Analytics 4 property
Auto	matically measure interactions on your sites in addition to standard screen view measurement.
Data perso	from on-page elements such as links and embedded videos may be collected with relevant events. You must ensure that no onally-identifiable information will be sent to Google. Learn more
Create a	Universal Analytics property only
) or out o u	

Fig. 22: Website URL section

The admin can select if they want to create **both**, Google Analytics 4 and UA property **or only** the UA property. Once the necessary changes are made, click on '**Next**' to proceed on to the next step.

 In the third step which is 'About Your Business', select the Industry Category, Business Size and checkboxes listing options asking 'How do you intend to use Google Analytics'. Please refer to the figure 23 below.



	lytics
Ace	count setup
Pro	perty setup
Ab	put your business
	Business information
	Help us tailor your experience by answering the following.
	Industry category
	Select one 💌
	Business size
	Small - 1 to 10 employees
	Medium - 11 to 100 employees
	C Large - 101 to 500 employees
	Very Large - 500+ employees
	How do you intend to use Google Analytics with your business? (Check all that apply)
	Measure customer engagement with my site or app
	Optimize my site or app experience
	Measure data across multiple devices or platforms
	Optimize my advertising cost
	Increase my conversions
	Measure content monetization
	Analyze my online sales
	Measure app installs
	Measure lead generation
	Other

Fig. 23: About Your Business

Click on '**Create**' to finish the signup process.

 The Terms and Conditions pop-up form will appear. The admin must click on the two 'I Accept' checkboxes provided and then click on the 'I Accept' button provided at the bottom as shown in figure 24.





Fig. 24: Service Agreement

8. Now, click on the '**All Accounts**' tab provided on the top-header of the page which will open a drop-down menu displaying all the accounts created under this Analytics as marked in figure 25.



.1	Analytics Test2 - GA4 - Q
â	ADMIN USER
0	Dronarty L. Create Dronerty
• 5•	Test2 - GA4 (254130986)
• 📎	Sotup Assistant
• (\$)	Setup Assistant
. 4	Property Settings
• 🕲	Property User Management
• [0	Data Streams
FP	Data Settings

Fig. 25: All Accounts

9. Select the newly created account from the 'Analytics Account' column. The Analytics Id will be displayed in the '**Properties & Apps**' column with the format **UA-xxxxxxx-x** as marked in the figure 26 below.

All Favorites	Recents	Q Search	Visit Platform Home
n ♦ n	= -/	All accounts	
Analytics Accounts	Properties & Apps		Views
new user	Test2 UA-:	>	All Web Site Data
fest	Test2 - GA4	\$	
iest2 >			
iser			

Fig. 26: UA id



10. The admin needs to copy this UA id and paste it in the '**Analytics id**' input field provided in the admin panel (<u>Figure 1</u>).

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