Use Google Authentication of users

This functionality allows using Google's SSO service to register and/or login users into your applications. More SSO connectors are coming soon.

Here is an example of how the login page will look in this case:
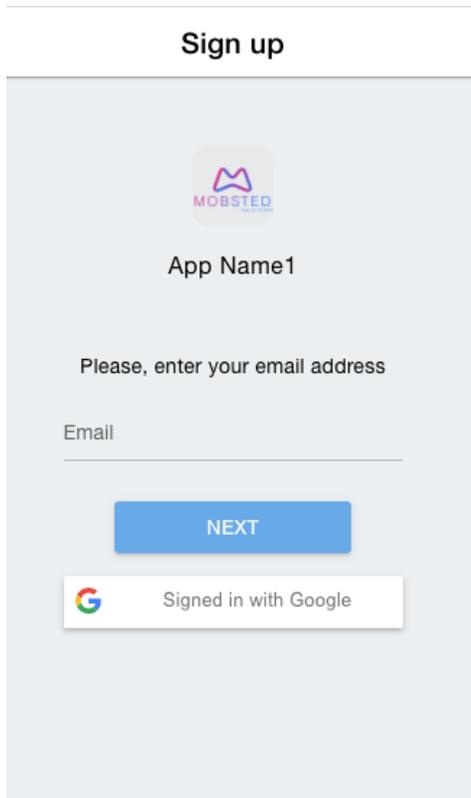
1. Important Notes

NOTE 1 - If your company uses Google as an email provider, you will be able to use this service within your domain.

NOTE 2 - We provide a default Google auth account, free of charge, however, if you want to use your own email to control all auth, follow the instruction below.

NOTE 3 - Mobsted platform allows not just registering new users with their Google accounts (as it is done with most systems), but also to ADD this auth type to EXISTING users, so they can log in quickly without using any SMS or email or passcodes.

2. Creating a Google Auth account

1) Login into your Google account, which will be used to provide auth service

2) Create a new Google API project here - https://console.cloud.google.com/apis/dashboard

Application Security

Common Access Link

Show QR code

https://way2.su/oYB30

Who can access this service:

○ Anyone without registration
◉ Anyone after registration and authentication
○ Only those added by me

How to authenticate who is login in:

◉ Email with the Code (Email is set in Objects)
○ SMS with the Code (Phone is set in Objects)

Choose timeout to input the confirmation code.

1 min

Authentication will be dropped after 1 month, by default.

Set another lifetime

☑ External ID
☑ Google
☐ Active Directory

Google "Web application" tokens

Client ID

default

Client secret

••

Save google tokens

3) Name your project and click Create

4) Select the project you have just created

5) Open the OAuth consent screen section
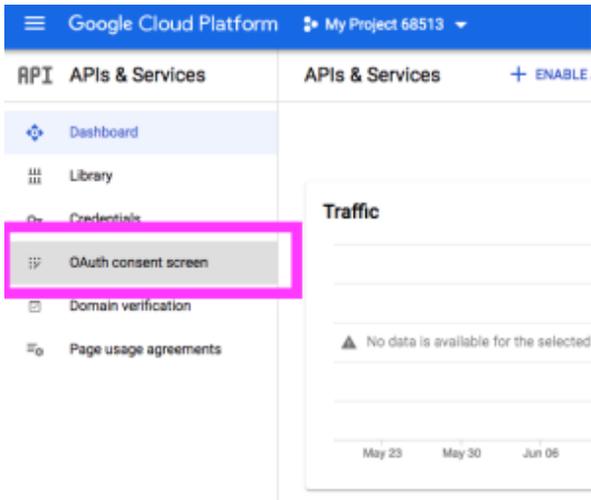
6) Make your choice between Internal and External usage. Internal is only for users from YOUR GOOGLE DOMAIN, say if your company uses Google as an email provider. Internal is quicker to publish and needs no verification.

7) Fill in the information required by Google - with the App name and your company's support email

App information

This shows in the consent screen, and helps end users know who you are and contact you
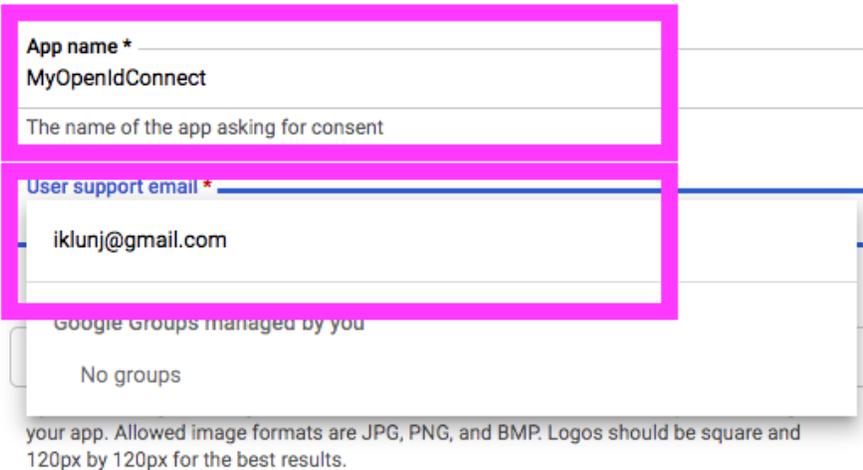
App name *

MyOpenIdConnect

The name of the app asking for consent

User support email *

iklunj@gmail.com

Google Groups managed by you

No groups

your app. Allowed image formats are JPG, PNG, and BMP. Logos should be square and 120px by 120px for the best results.

8) Add Mobsted.com as an authorized domain and your email as the developer's email

Authorized 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 authorized. Learn more about the authorized domain limit.
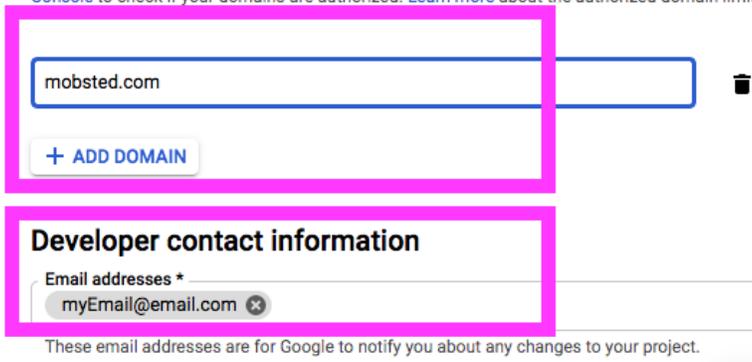
mobsted.com

🗑

+ ADD DOMAIN

Developer contact information

Email addresses *

myEmail@email.com ✕

These email addresses are for Google to notify you about any changes to your project.

9) Go to the next step - Scopes (marked red) and click the button "Add or Remove Scopes", marked green

Edit app registration

✓ OAuth consent scree — **2** **Scopes** — **3** Test users — **4** Summary

Scopes express the permissions you request users to authorize for your app and allow your project to access specific types of private user data from their Google Account. Learn more

ADD OR REMOVE SCOPES

10) Choose **ONLY** the following scopes, then do "Update" selected scopes and "Save" to continue.

- ".../auth/userinfo.email"
- ".../auth/userinfo.profile"
- "openid"

✕ Update selected scopes

ℹ Only scopes for enabled APIs are listed below. To add a missing scope to this screen, find and enable the API in the Google API Library or use the Pasted Scopes text box below. Refresh the page to see any new APIs you enable from the Library.

≡ Filter Enter property name or value   ❓

	API ↑	Scope	User-facing description
☑		.../auth/userinfo.email	See your primary Google Account email address
☑		.../auth/userinfo.profile	See your personal info, including any personal info you've made publicly available
☑		openid	Associate you with your personal info on Google
☐	BigQuery API	.../auth/bigquery	View and manage your data in Google BigQuery
☐	BigQuery API	.../auth/cloud-platform	See, edit, configure, and delete your Google Cloud Platform data
☐	BigQuery API	.../auth/bigquery.readonly	View your data in Google BigQuery
☐	BigQuery API	.../auth/cloud-platform .read-only	View your data across Google Cloud Platform services

11) Skip the following step - Test users, by pressing "Save and Continue", marked red , then skip Summary by pressing "Back to Dashboard", marked magenta

Edit app registration

✓ OAuth consent screen — ✓ Scope — ③ **Test users** — Summary

Test users

While publishing status is set to "Testing", only test users are able to access the app. Allowed user cap prior to app verification is 100, and is counted over the entire lifetime of the app. Learn more

+ ADD USERS

≡ Filter   Enter property name or value   ❓

User information
No rows to display

SAVE AND CONTINUE   CANCEL

Scopes   EDIT

API ↑	Scope	User-facing description
	.../auth/userinfo.email	See your primary Google Account email address
	.../auth/userinfo .profile	See your personal info, including any personal info you've made publicly available
	openid	Associate you with your personal info on Google

Test users   EDIT

▬▬▬▬▬▬▬ 0 users (0 test, 0 other) / 100 user cap ❓

≡ Filter   Enter property name or value   ❓

User information
No rows to display

BACK TO DASHBOARD

12) Open the "Credentials" section, green , in Dashboard and press "+ Create Credentials", red , and then "OAuth client ID" blue

13) Set application type as Web Application , marked magenta, and give this application any name for your internal reference, marked blue

Create OAuth client ID

A client ID is used to identify a single app to Google's OAuth servers. If your app runs on multiple platforms, each will need its own client ID. See Setting up OAuth 2.0 for more information.

Application type *
Web application

~~Learn more about OAuth client types~~

Name *
Web client 1

name is only used to identify the client in the console and will not be shown to end users.

ℹ️ The domains of the URIs you add below will be automatically added to your OAuth consent screen as authorized domains.

Authorized JavaScript origins ❓

For use with requests from a browser

URIs *

https://mytenant.mobsted.com 🗑️

+ ADD URI

Authorized redirect URIs ❓

For use with requests from a web server

+ ADD URI

CREATE CANCEL

Place in your Mobsted account's full domain name marked red , and add the second one if you are branding apps to your own subdomains using CNAMES, with the right subdomain name.

Press CREATE button, marked green .

14) Copy and save "Your Client ID" and "Secret" keys to a notebook.

Creation date ↓	Restrictions

Creation date ↓		Client ID
Jun 17, 2021		1020820033058-ljb...

OAuth client created

The client ID and secret can always be accessed from Credentials in APIs & Services

ℹ OAuth access is restricted to the test users listed on your OAuth consent screen

Your Client ID
1020820033058-ljbr2l9qa6f5tk164r8p9odl09ushhup.apps.ç ⎘

Your Client Secret
m3bt0SKz1gPl8bobb9aPY2W0 ⎘

OK

15) Go to "OAuth consent screen", marked green , and press "Publish App", marked magenta , then press Confirm, marked blue
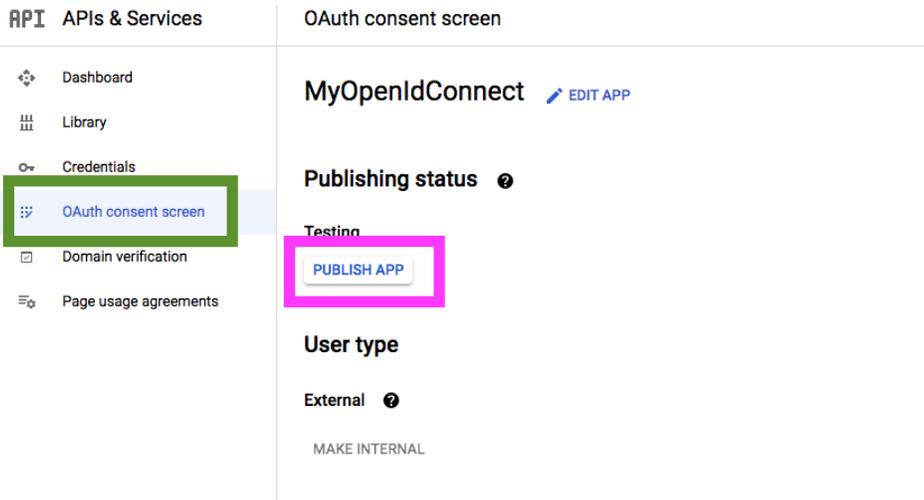
3. Adding Google Auth to Mobsted

1. Turn on Google Auth for the app

1) Open Security settings of the application, where you want to have Google Auth, you can do it from the home screen (marked blue) or from the App's top menu.
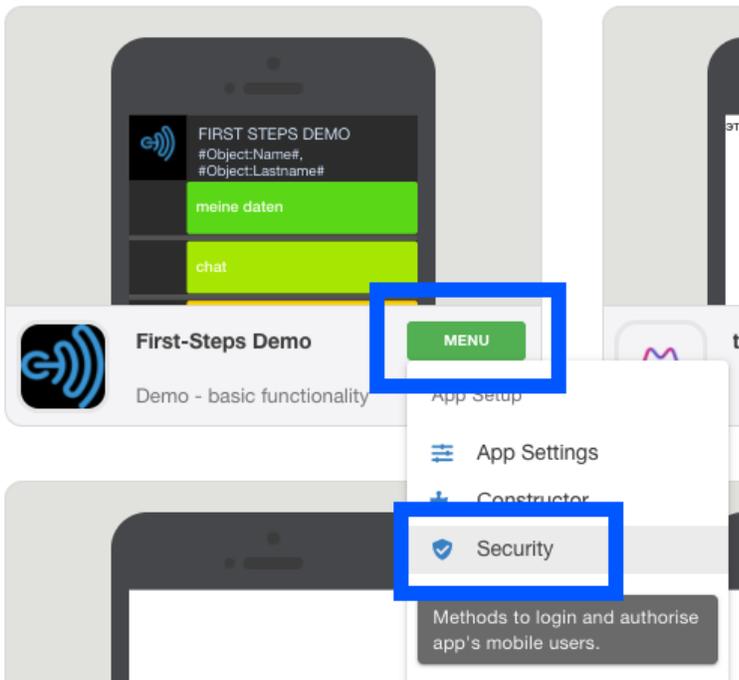
2) On the Security page check the box "External ID" and select Google in it - top red box , this will open a new section below, please input an ID and Secret tokens - bottom magenta box , which you copied on Step 2-14 above, from your Google account.

Application Security

Common Access Link

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○ Anyone without registration

● Anyone after registration and authentication

○ Only those added by me

How to authenticate who is login in:

● Email with the Code (Email is set in Objects)

○ SMS with the Code (Phone is set in Objects)

Choose timeout to input the confirmation code.

| 1 min | ⇕ |

Authentication will be dropped after 1 month, by default.

Set another lifetime

☑ External ID

☑ Google

☐ Active Directory

Google "Web application" tokens

Client ID

default

Client secret

••

Save google tokens

PRESS SAVE- Green button .

ⓘ

> **ⓘ NOTE**
>
> External ID is an additional option for users to register or log in quicker. You still need to have a phone number or email to make sure users can recover their accounts later without using the Google SSO.

If you only need to register new users with Google, then that's it.

2. Add Google auth to any existing users in the app

You can request or offer users to ADD a google account at any time while browsing your app. This is done using actions, which can be called on any component with actions.

1) Inside the Constructor panel - Choose a component, which will call up Google's auth prompt and add an action to it.
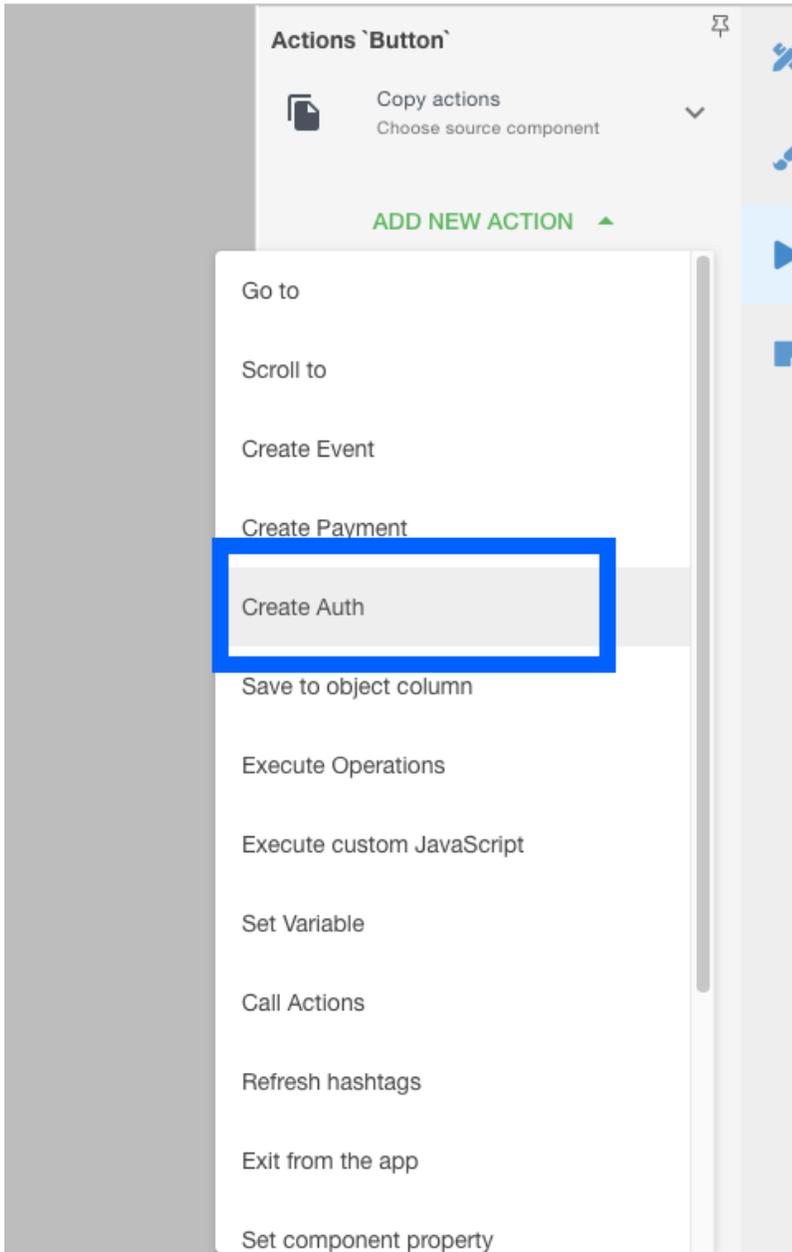
2) The Action will only work on Click. You can also add execution conditions if needed.
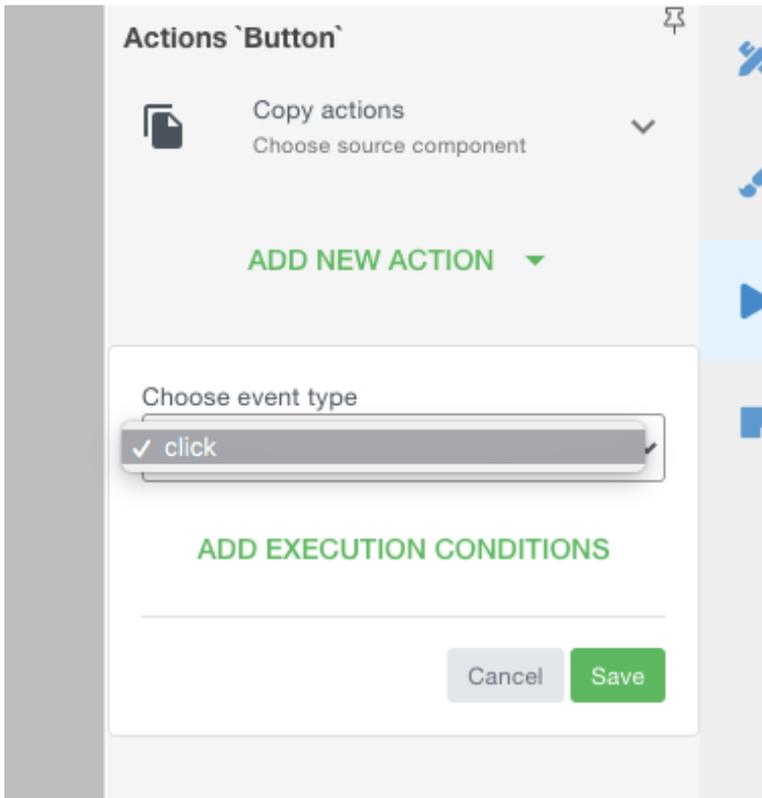
> **ⓘ NOTE**
>
> Our system allows changing Google accounts for the same user in Mobsted. So if a user clicks on the action creating the connection he/she will be able to connect to another Google account. So if you do not want this, set condition checking if a google account already exists for this user, or do not use this function at all.
>
> If you do not use this Action, sign up and login pages will be the only place to connect a Google account, and no ability to change will exist.