

SIGN-IN SETUP · FOR IT ADMINS

Google Workspace

Sign in with Google Workspace accounts through an OAuth client in your Google Cloud project.

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Overview

With Google Workspace your people sign in to Cloudraw Connect with their Google work account. Google checks the password and 2-Step Verification. Cloudraw never sees the password.

You create an **OAuth client** in a Google Cloud project that belongs to your Workspace organization, then paste its ID and secret into Cloudraw. Allow about 15 minutes.

You need

- A Google Workspace account that can create projects and OAuth clients in the Google Cloud console for your organization.
- A Google Workspace super admin for the 2-Step Verification settings, if you want to change them.
- The *Owner* or *Security admin* role in the Cloudraw admin console.

Step 1. Copy the redirect URI from Cloudraw

1 Open Identity & SSO

In the Cloudraw admin console go to **Settings** → **Identity & SSO**. Turn on **Workspace sign-in** if it is not on yet.

2 Copy the redirect URI

In **Your identity provider**, copy the value under *Redirect URI (add this at your provider)*. It looks like this:

```
https://id-stg.cloudraw.com/ui/login/login/externalidp/callback
```

Step 2. Set up the consent screen (internal)

- 1 Open the Google Cloud console**
Go to console.cloud.google.com (<https://console.cloud.google.com>), signed in with your Workspace account. Create a project (for example `clouddraw-sign-in`) or pick an existing one that belongs to your organization.
- 2 Open the consent screen settings**
Go to **APIs & Services** → **OAuth consent screen**. In newer consoles this is called **Google Auth Platform**; click **Get started** there.
- 3 App information**
App name: `Clouddraw`. User support e-mail: your IT address.
- 4 Audience: Internal**
Choose **Internal**. Only users in your Google Workspace organization can then sign in, and Google does not need to review the app.
- 5 Contact e-mail**
Add your IT address and finish.
- 6 Scopes**
Clouddraw only asks for `openid`, `email` and `profile`. These are basic scopes, and you do not need to add anything sensitive.

IMPORTANT: CHOOSE INTERNAL

The **Internal** audience is what limits sign-in to your own organization. With *External*, any Google account could reach your workspace's sign-in page and create an account in your workspace. That account still cannot reach anything without your access and device trust rules, but it would use a seat. Always use Internal.

Step 3. Create the OAuth client

- 1 Create the client**
Go to **APIs & Services** → **Credentials** → **Create credentials** → **OAuth client ID** (or **Google Auth Platform** → **Clients** → **Create client**).
- 2 Application type**
Choose **Web application** and name it `Clouddraw`.
- 3 Authorized redirect URI**
Under *Authorized redirect URIs* click **Add URI** and paste the Clouddraw redirect URI. Leave *Authorized JavaScript origins* empty.

4

Create and copy

Click **Create**. Copy the **Client ID** (ends in `.apps.googleusercontent.com`) and the **Client secret**. Google may show the secret only once, so you can also download the JSON file.

Step 4. Connect Google in Cloudraw

1

Choose Google

In **Settings** → **Identity & SSO** → **Your identity provider**, choose **Google**.

2

Paste the values

See the table below.

3

Save and test

Save, then sign in from Cloudraw Connect on a test computer. You should land on Google's account chooser.

Cloudraw field	Value	Required
Client ID	The OAuth client ID	Yes
Client secret	The OAuth client secret	Yes
Button label	What the sign-in button says. Default: "Google".	No
Only allow sign-in through the provider	On: people go straight to Google, and Cloudraw passwords are turned off. Off: the Cloudraw sign-in page shows a password form and a "Sign in with Google" button.	No

People and groups

A person who signs in through Google for the first time is added to **People** automatically and uses a seat. You can also add people in advance under **People** → **Add a person** with their Google e-mail address.

Cloudraw has no SCIM provisioning from Google Workspace, so groups are not imported from Google. Create **Cloudraw groups** (for example *Finance, Engineering*) and use them in access rules. See [Organize people with groups](#).

When you suspend or delete a user in Google Workspace, they can no longer sign in to Cloudraw. Computers they already enrolled keep following your device trust and access rules, so also **Suspend** the person in Cloudraw. Their devices then lose access at once.

2-Step Verification at Google

For Google users, the second sign-in step is Google's own **2-Step Verification**. Cloudraw does not add its own e-mail code for Google users, unless the workspace sent Cloudraw invitations before Google was connected. See [Two-factor authentication](#).

To require 2-Step Verification:

- 1 Open the Admin console**
Go to admin.google.com (<https://admin.google.com>), then **Security** → **Authentication** → **2-step verification**.
- 2 Allow it**
Tick **Allow users to turn on 2-Step Verification**.
- 3 Enforce it**
Set **Enforcement** to **On** (or *Turn on from a date*), with a new-user enrollment period so people have time to set it up.
- 4 Choose methods**
Under **Methods**, prefer *Only security key* or *Any except verification codes via text, phone call* for stronger protection.

TIP

You can apply 2-Step Verification to one organizational unit first, for example IT, before rolling it out to everyone.

Troubleshooting

Message or symptom	Cause and fix
Google: <code>Error 400: redirect_uri_mismatch</code>	The redirect URI in the OAuth client is not exactly the one Cloudraw shows. Paste it again under <i>Authorized redirect URIs</i> of the Web application client.
Google: <code>Error 403: org_internal</code>	The person is signing in with an account outside your Workspace organization, for example a personal Gmail. They must use their work account.
Google: <code>invalid_client</code>	Wrong client ID or secret. Paste them again in Cloudraw.
Cloudraw: <i>"The provider could not be configured"</i> when saving	Check the client ID and secret for typos or extra spaces.

Message or symptom	Cause and fix
Cloudraw Connect: <i>"seat quota reached"</i>	All seats on your plan are used.

Need help? E-mail support@cloudraw.com Last updated 6 October 2026 © 2026 Cloudraw