Allow Google log in for readers

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You can allow readers to sign up for and log in to your knowledge base with their Google account.

To enable this option, you'll need to configure some things in Google Cloud Platform APIs & Services and in KnowledgeOwl.

In Google Cloud Platform, you'll need:
- **A new project**
- **An OAuth consent form**
- **OAuth credentials**

In KnowledgeOwl, you'll need access to:
- **Settings > Security**
- **Your Account > Readers**

Step 1: Create a Google Cloud Platform project (Google)

You must have a Google Cloud Platform project in order to complete the rest of the steps in this tutorial.

1. **In Google Cloud Platform, go to Google credentials settings to open APIs & Services in Google Cloud Platform.**

2. Click the option to **Create Project**.

3. Give your project a name (we recommend using the name of your knowledge base or "KnowledgeOwl" as the project name).

4. Add an organization and location (if appropriate).

Step 2: Set up your Google Project's Oauth Consent Screen (Google)

Google requires an Oauth consent screen. For more details, see See Google Cloud Platform Console Help's instructions for **Setting up your OAuth consent screen**. We cover this only at a high level. Set up your OAuth consent screen by clicking the **Configure Consent Screen** button.

1. Click the **Configure Consent Screen** button.

2. Select a **User Type**.

   - External lets any user with a Google account sign up; Internal restricts to users within your Google Cloud Organization. You must make a selection here before you can complete configuration. External does require additional verification, not covered by this guide.

3. On the OAuth consent screen, in the **App information** section, at minimum, these fields are required:

   - **App name**: This is displayed in the "Sign in to continue to [app name]" portion of the Google login process and in the "To continue, Google will share....with [app name]." In our screenshot, we've used "KnowledgeOwl" and you can see where it displays:
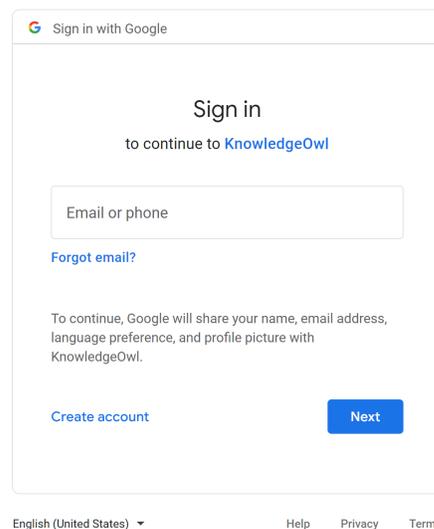
   - **User support email**: In the Google login process, if you click on the hyperlinked App name, this is the email address that is displayed in the Developer info box that appears. Here, we've used our support email address:
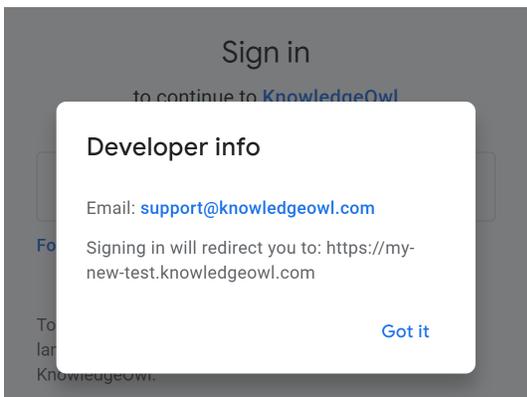
4. On the OAuth consent screen, in the **Developer contact information,** add an email address. This is not displayed anywhere--Google uses it to notify you of changes.

5. Add other fields in various sections as appropriate for your configuration.

6. Click **Save and Continue.**

7. Set the **Scopes** for your consent screen. See Google's documentation for guidance here.

8. Click **Save and Continue.**

9. *Optional:* **If you're doing an External User Type, you'll be prompted to add any Test users. (We do recommend using these if you're testing an External User Type.)**

10. Once you're done, Google generally displays a Summary page.

Step 3: Set up the OAuth client credentials (Google + KO)

In this step, you'll copy redirect URLs from KnowledgeOwl into your Google Cloud Platform project.

1. In Google Cloud Platform, go to **Credentials. (This is generally always present in a menu on the left, at the time this documentation was written.)**

2. At the top, click the **+ Create Credentials button.**

3. Select the option to create an **OAuth client ID.**

4. For **Application type**, select "Web application."

5. Enter "KnowledgeOwl" as the name.

6. In the **Authorized redirect URIs**, you'll paste in some information from KnowledgeOwl:

   a. In KnowledgeOwl, go to **Settings > Security**.

   b. Go to the **Reader Sign Ins Using Google** section at the bottom of the page.

Reader Sign Ins Using Google

ⓘ Allow readers to sign up and log in using their personal Google account. To restrict access via a G Suite account, use SAML instead.

Google API Client ID	Google API Client ID
Google API Secret	Google API Secret
Google Login Redirect URL	https://my-new-test.knowledgeowl.com/docs/google-auth
Google Signup Redirect URL	https://my-new-test.knowledgeowl.com/docs/google-signup

The above URLs will need to be added as "Authorized redirect URIs" in the Google credentials settings

Save

c. Copy the **Google Login Redirect URL** and the **Google Signup Redirect URL.**

d. Add these as **Authorized redirect URIs** in Google Cloud Platform.

Authorized redirect URIs ❓

For use with requests from a web server

URIs *

https://my-new-test.knowledgeowl.com/docs/google-auth

https://my-new-test.knowledgeowl.com/docs/google-signup

+ ADD URI

CREATE   CANCEL

7. Once you've added both authorized redirect URIs in Google Cloud Platform, select the **Create** option there to finish creating your credentials.

8. This will display the Oauth Client ID and Secret you need in the next step!

Sample OAuth client created pop-up in Google Cloud Platform, showing the Client ID and Client Secret
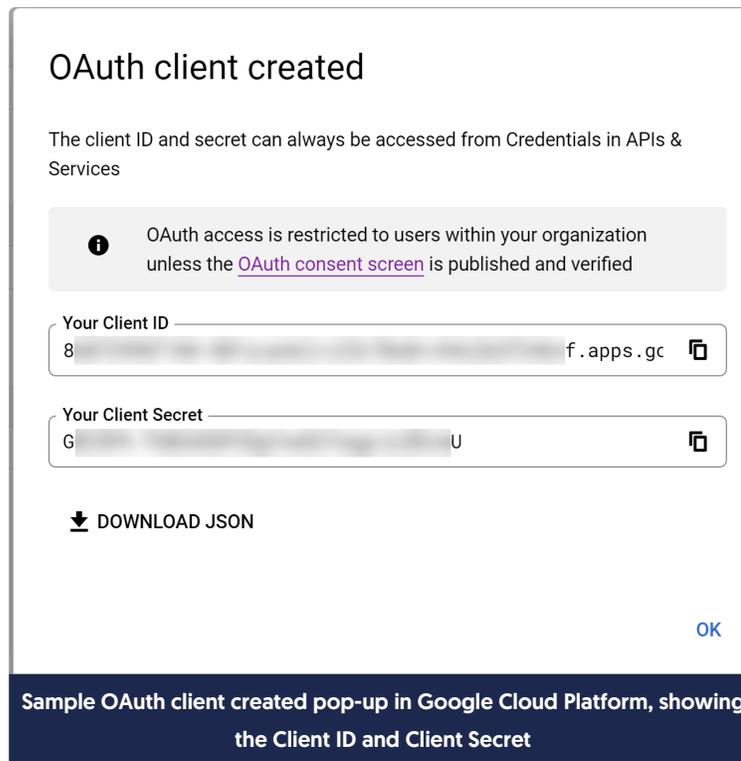
Step 4: Add your Google Cloud Platform Client ID and Secret (KO + Google)

In this step, you'll copy the Oauth Client ID and Oauth Secret generated above into KnowledgeOwl.

1. In KnowledgeOwl, go to **Settings > Security**.

2. Go to the **Reader Sign Ins Using Google** section at the bottom of the page.

3. Paste your **Client ID** and **Client Secret** from Google Cloud Platform into the corresponding fields in KnowledgeOwl.


4. **Save** your KnowledgeOwl Security Settings.

Step 5: Turn on Google login for readers (KO)

With all of the configuration done, you can now enable Google login for readers in KnowledgeOwl! To do so:

1. Go to **Your Account > Readers**.

2. Open the **Settings** tab.

3. In the **Self-Administered Reader Options** section, look for **Alow Google Sign In**.

4. Check the box next to "Allow readers to log in using their Google account".
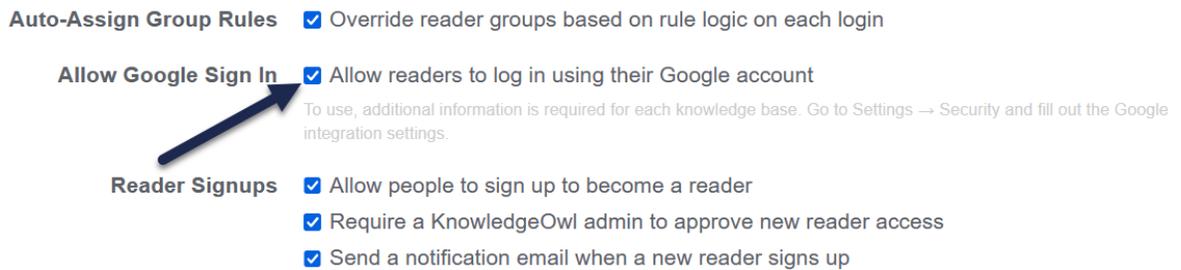
|	
Auto-Assign Group Rules	☑ Override reader groups based on rule logic on each login
Allow Google Sign In	☑ Allow readers to log in using their Google account
	To use, additional information is required for each knowledge base. Go to Settings → Security and fill out the Google integration settings.
Reader Signups	☑ Allow people to sign up to become a reader
	☑ Require a KnowledgeOwl admin to approve new reader access
	☑ Send a notification email when a new reader signs up

5. *Optional:* to allow readers to sign up for access to your knowledge base, you'll need to check the box next "Allow people to sign up to become a reader." See **Using reader signups** for more details on reader signup options.
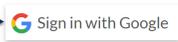
6. **Save** your changes.

Your Reader Login page will now display a Sign in with Google button. If you've enabled reader sign-ups, the reader sign-up link will display below the login section:
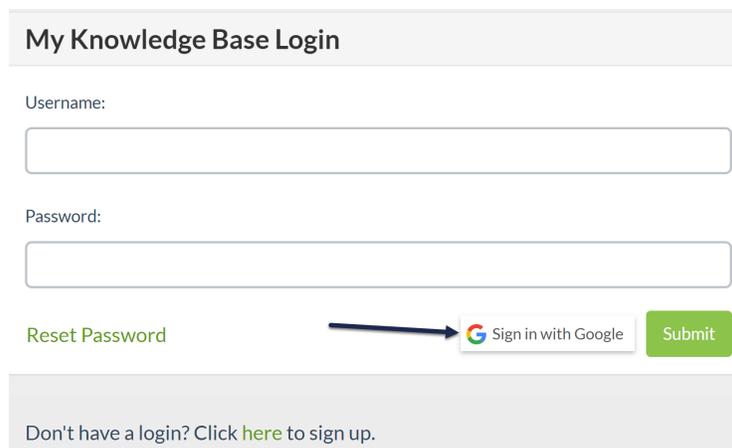
My Knowledge Base Login

Username:

Password:

Reset Password   G Sign in with Google   Submit

Don't have a login? Click here to sign up.