

Configure SSO with Google Workspace

Step 1: Add the custom SAML app in Google Admin

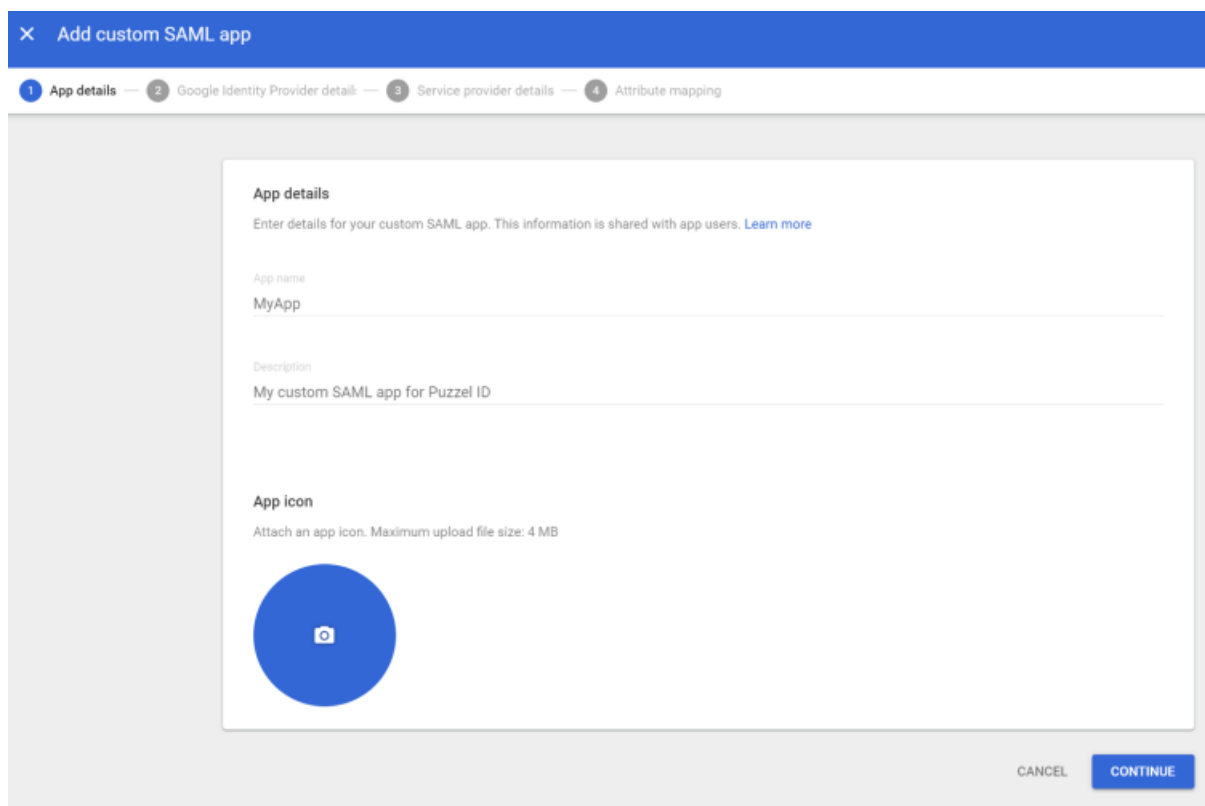
1.1 Sign in to your **Google Admin console**.

Sign in using an account with super administrator privileges.

1.2 In the Admin console, go to Menu and then **Apps > Web and mobile apps**.

1.3 Click **"Add App"** and then **"Add custom SAML app"**.

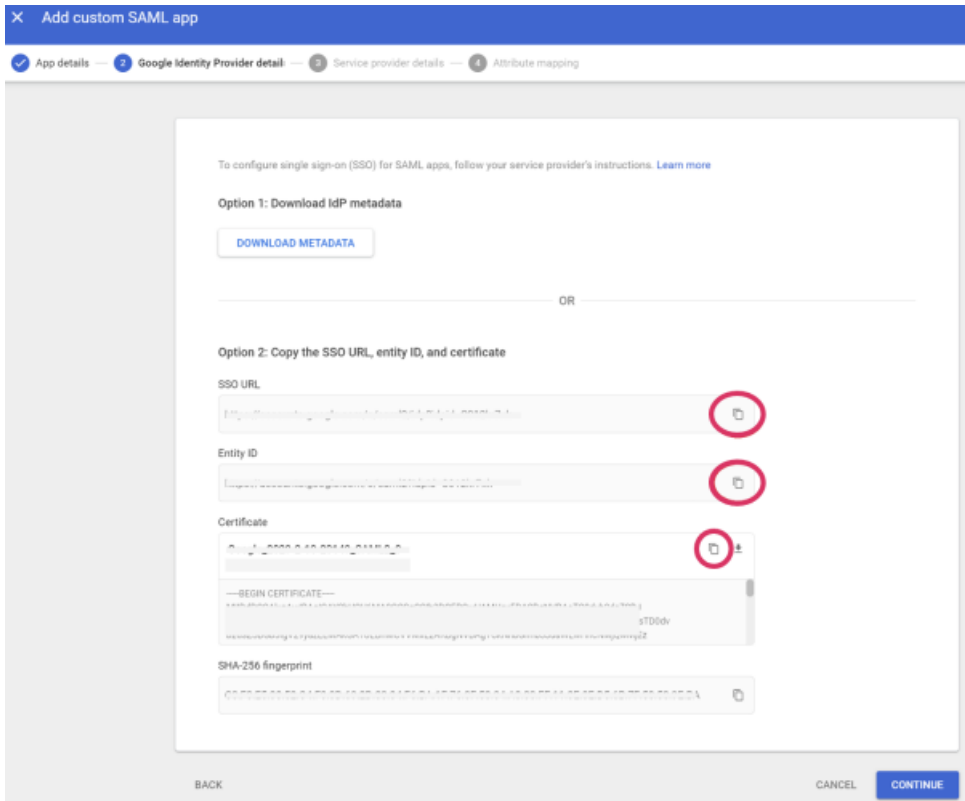
Enter the app name and, optionally, upload an icon for your app. The app icon appears on the Web and mobile apps list, on the app settings page, and in the app launcher. If you don't upload an icon, an icon is created using the first two letters of the app name.



The screenshot shows the 'Add custom SAML app' dialog in the Google Admin console. The dialog has a blue header with a close button and the title 'Add custom SAML app'. Below the header is a progress bar with four steps: 1. App details (active), 2. Google Identity Provider details, 3. Service provider details, and 4. Attribute mapping. The main content area is titled 'App details' and contains the following fields: 'App name' with the value 'MyApp', 'Description' with the value 'My custom SAML app for Puzzel ID', and 'App icon' with a blue circular icon placeholder. At the bottom right of the dialog are 'CANCEL' and 'CONTINUE' buttons.

1.4 Click **Continue**.

1.5 On the **Google Identity Provider details** page, copy the **SSO URL**, **Entity ID** and **the Certificate**



Step 2: Add SSO Configuration in Puzzel ID

2.1 Open Puzzel Organisation settings in a new browser window / tab. From the Organisation Settings home page, click on the **“Single Sign-On”** icon.

2.2 Depending on whether you have added SSO configurations previously or not you should either see a list of current configurations or just an empty list, either way you should also have the **“Add”** button displayed on the top right.

2.3 Click on the **“Add”** button and choose **“SAML”** from the dropdown menu.

2.4 In the field **“Entity id”** paste the **“Entity ID”** value from the Google SAML app (step 1.5 above).

2.5 In the field **“Single Sign-On endpoint”** paste the **“SSO URL”** value from the Google SAML app (step 1.5 above).

2.6 In the field **“Single Logout endpoint”** add the value **“<https://accounts.google.com/Logout>”** (note that Google does not support SAML SLO as an identity or service provider)

2.7 In the field **“External id claim”** add the value **“<http://schemas.xmlsoap.org/ws/2005/05/identity/claims/nameidentifier>”** this means email address will be need to set as **“External id”** in Puzzel ID for each user that is to use this SSO connection. If you want to use other fields for externalid claims update this field accordingly.

Organisation Settings **puzzel.**

Home

Display name: Google Cloud Puzzel Type: SAML

Scheme

Identifier (Entity ID)

Reply URL

Logout URL

Tenant

Entity id

External id claim

Single Sign-On endpoint

Single Logout endpoint

Signing certificates

-----BEGIN CERTIFICATE-----

Disabled Enabled

Cancel Save

2.8 Copy the values from "Reply URL" and Identifier (**Entity ID**)

Organisation Settings **puzzel.**

Home

Display name: Google Cloud Puzzel Type: SAML

Scheme

Identifier (Entity ID)

Reply URL

Logout URL

Step 3: Add further configuration to SAML app in Google Admin

3.1 Return to the **Google Admin** console and navigate to the **Service Provider Details** window.

3.2 In the field "**ACS URL**" add the value from "Reply URL" as copied in step 2.8 above.

3.3 In the field "**Entity ID**" - add the value from "Identifier (Entity ID)" as copied in the 2.8 above

The screenshot shows the 'Service provider details' configuration page. At the top, there is a blue header with a close button and the text 'Add custom SAML app'. Below the header is a progress bar with four steps: 'App details', 'Google Identity Provider details', 'Service provider details' (the current step), and 'Attribute mapping'. The main content area is a white form with the following sections:

- Service provider details**: A heading followed by a sub-heading 'To configure single sign on, add service provider details such as ACS URL and entity ID. [Learn more](#)'.
- ACS URL**: A text input field containing a long GUID-based URL, highlighted with a red box.
- Entity ID**: A text input field containing a GUID-based URL, also highlighted with a red box.
- Start URL (optional)**: A text input field.
- Signed response**: A checkbox that is currently unchecked.
- Name ID**: A heading followed by a sub-heading 'Defines the naming format supported by the identity provider. [Learn more](#)'.
- Name ID format**: A dropdown menu currently set to 'UNSPECIFIED'.
- Name ID**: A dropdown menu currently set to 'Basic Information > Primary email'.

At the bottom of the form, there are three buttons: 'BACK', 'CANCEL', and 'CONTINUE'.

3.4 Leave all other fields with default settings and click Continue.

Step 4: Change scheme name (optional)

This is an optional step to improve readability when referring to a SSO configuration. It can be skipped if you just want to use the default GUID based scheme value or don't want to use the "idp=" query parameter at all.

You can use the "Scheme" value for a SSO configuration as the "idp" parameter for the agent. This is described in the section "**Accessing external providers directly**" in [this](#) article.

If you do not change the Scheme name it will use the default GUID for the scheme, as an example: `https://devapp.puzzel.com/agent/?idp=42bd9bd8-1486-4f05-ba7a-xxxxxxxxxxxxxxxx`.

To change the "Scheme" from the generated id to a readable name, you can edit the "Scheme" field as shown below and click "Save":

Organisation Settings **puzzel.**

The screenshot shows the 'Organisation Settings' page in the Puzzel interface. At the top, there is a navigation bar with a 'Home' button and a refresh icon. Below this, the settings are organized into several sections. The 'Display name' field contains 'Google Cloud Puzzel'. The 'Type' dropdown is set to 'SAML'. The 'Scheme' field is highlighted with a red border and is currently empty. Below it are fields for 'Identifier (Entity ID)', 'Reply URL', and 'Logout URL', all of which are also empty. Each of these fields has a copy icon to its right.

Step 5 - Make sure externalid field is populated for users

To test the configuration, the field “externalid” must be filled out for the users to login with during testing. If you have followed the guide above, and not changed anything in “External id claim”, then it is the users email that needs to be present in the representative external id field.

Example:

The screenshot shows a user profile form titled 'Basic information'. It contains several input fields: 'First Name' (Test), 'Middle Name' (empty), 'Last Name' (Tester), 'Mobile' (masked with asterisks), 'Email' (test@puzzel.com), 'Puzzel ID' (masked with asterisks), 'Time zone' (W. Europe Standard Time (UTC+01:00)), and 'Preferred language' (English). The 'External id' field is highlighted with a red border and contains the email address 'test@puzzel.com'. At the bottom of the form, there are 'Cancel' and 'Save' buttons.

See more information on this in the section “Validate users using external id” in [this](#) article.