EDGE FACTOR

Customizing Applications

ClassLink Admin, you have several options for adding and customizing applications. Read on to explore adding apps by creating weblinks, selecting from our global App Library, and even creating your own custom apps!

Adding a Weblink App

To add a weblink or shortcut (non-SSO weblink) for websites not requiring a login:

Click **Applications**, select **Add & Assign Apps**, and click the **Add** button. Complete the relevant fields, select an icon, and enable your selected options in the **Add Application** slide-over, then click the **Save** button when you're finished.

✔️ Selecting the **Education** Category prompts a **Subject** subcategory.

App Library

Adding an App from the Library

Use the CMC's **App Library** to search for and add categorized apps.📚

✔️ Applications added from the global App Library are generic Password Locker apps. Third-party applications listed as OAuth2 are only functional when configured by the vendor using your school system-specific **ClassLink Tenant ID**.

To add an app from the App Library:

> Click **Applications**, select **Add & Assign Apps**, click the **App Library** button, then click the Add button for your selected App Library app.
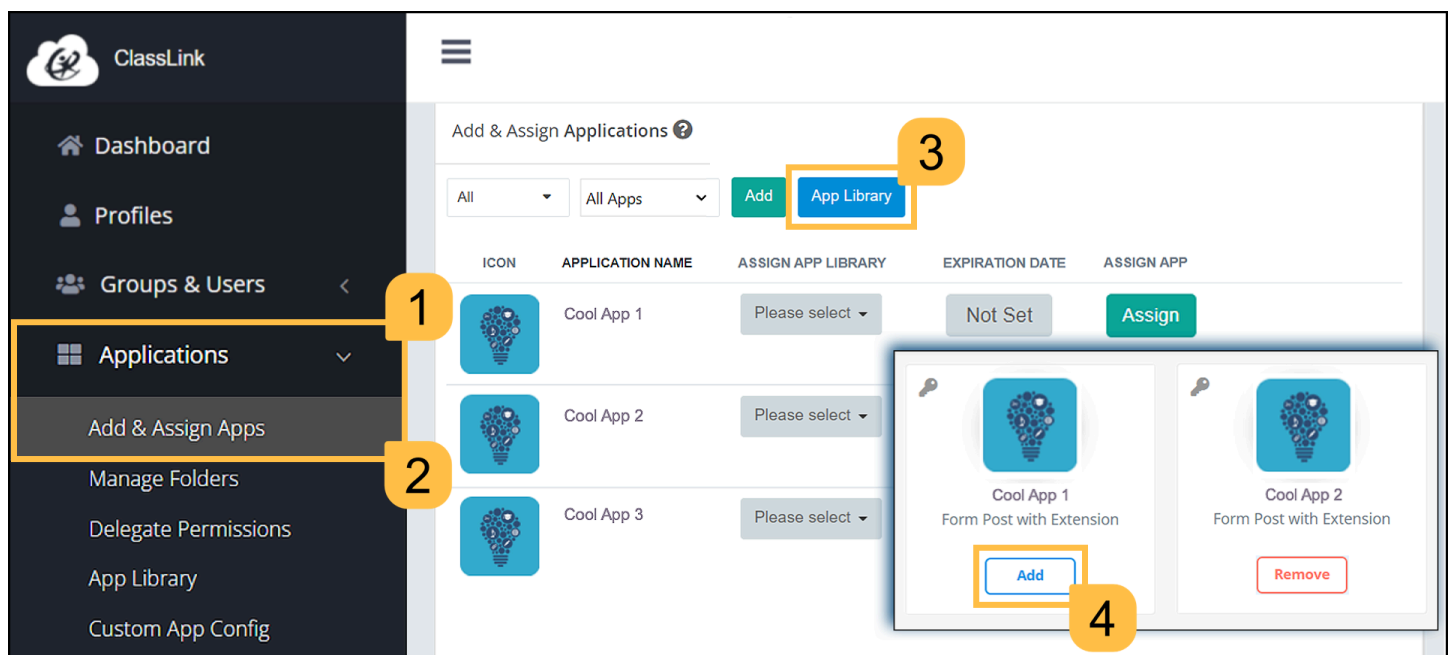
✔️ The **Remove** button means the app has already been added.

Customizing the Library

Create a custom library and assign apps to selected people and groups in your school system.

To create a custom App Library:

> In the CMC, click **Applications**, select **App Library**, then click the **Add** button.

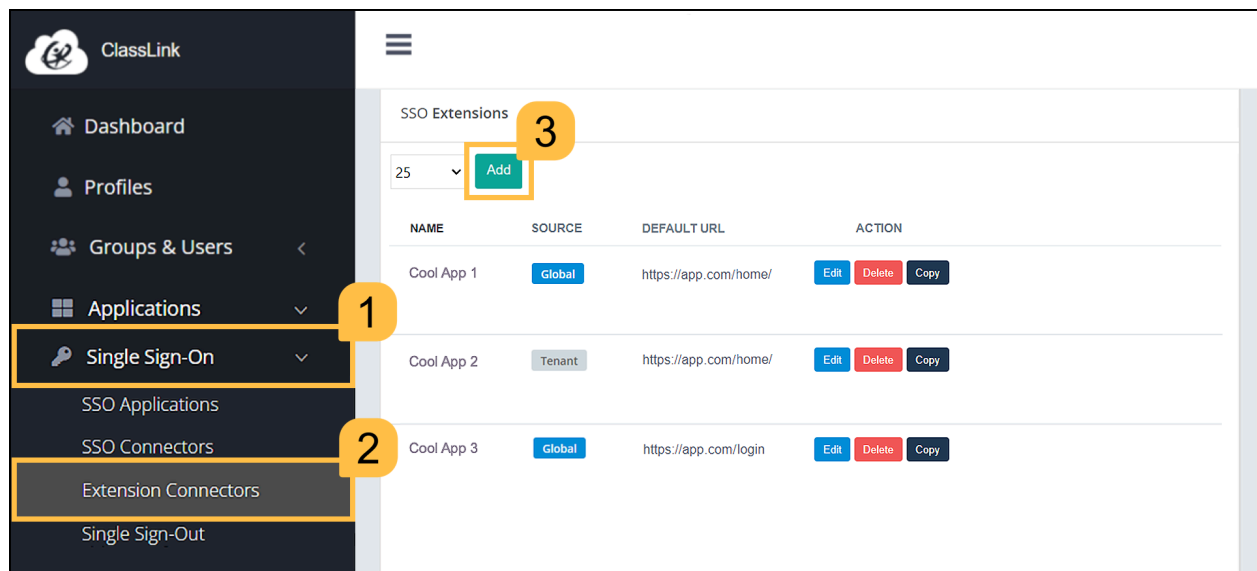Click the **drop-down**, then click the **checkbox(es)** for the profile(s) you want to assign the library to.

Single Sign-On (SSO) Apps

Creating an SSO App

You can create the SSO connector first or create it while creating the app. Here's how:

Click **Single Sign-On**, select **Extension Connectors**, then click the **Add** button.

✔️ For **ID=**, use **#**, followed by the ID value (e.g., **#login_email**).

💡 To inspect a website, right-click the **Login**, **Password**, and **Submit** boxes.

Navigate to **Extension Connector**. Add the id fields to the **Selector** field, name the label accordingly, scroll down, and click the **Save** button.

Select **Form Post with Extension** for **Type** and click the **Select** button. Search for the **Extension Connector** you just made, click **Select**, then click **Save**.

Customizing an SSO App

You can add a custom Active Directory (AD) pass-through or any other supported SSO variables.

▶ **Single Sign-On in the ClassLink Management Console**

Before you can customize a single sign-on (SSO) app, you'll need to make a copy of the app.

To copy and customize an existing single sign-on (SSO) app:

Click the **OTHER ACTIONS (three-dot)** menu for the app you want to customize, then select **Copy Application** to make a copy of both the app and the connector.

✔️ Since the app is a **Form Post With Extension** app, the connector is an **Extension Connector**, located under **Single Sign-On**.

Search for the copy application and click the Edit button, then complete all relevant fields in the editor.

💡 Edit the app's name, description, and icon to make it your own.

Supported Variables

Refer to the handy table below for the supported SSO value variables.

FIELD	VALUE
Active Directory Username	%adusername&
Password	%password%
First Name	%firstname%
Last Name	%lastname%
Email	%email%

To create an SSO app:

Click **Applications**, select **Add & Assign Apps**, then click the **Add** button. Complete the information in the slide-over and toggle on **Single Sign-On App**, then click the **Save** button.
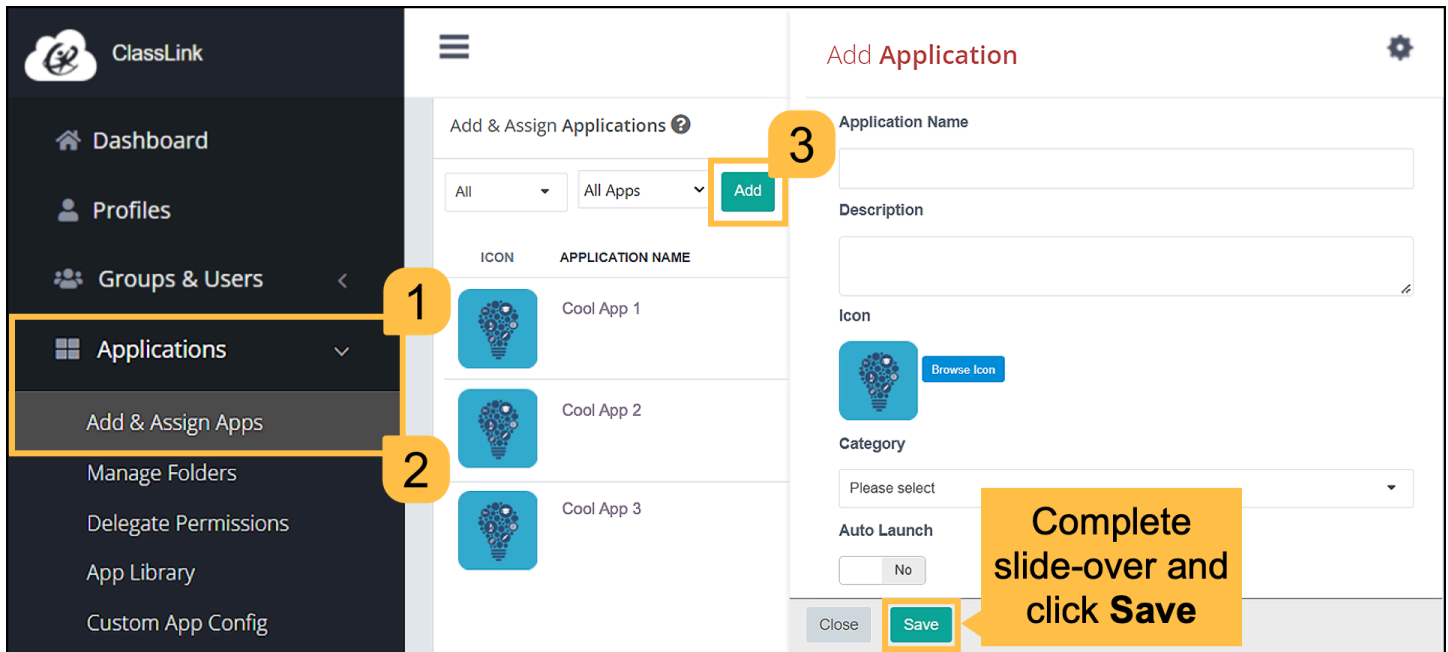
💡 Can't find an icon for your SSO app in the Icon Library? No problem! Click the **Browse Icon** button, select **Request Custom Icon**, complete the form, and let us take care of the rest!

SAML SSO

To add a SAML SSO app, you'll need to either use the **IDP Initiate Login URL** from the SAML console or custom URLs that initiate the single sign-on process from a vendor. The process to create a SAML app is similar to creating a Weblink app.

[Follow the steps to add a new app.](#) Then, enter the **Custom URL** from the vendor in the **Web Address** field.
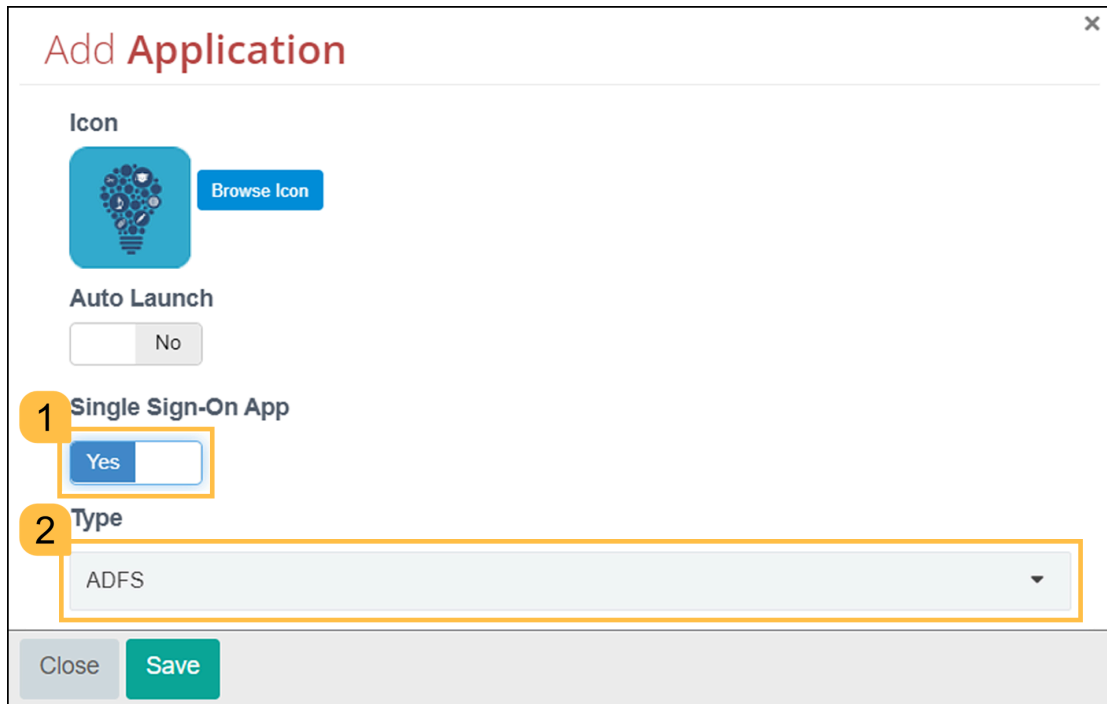
✔️ Before you create a SAML SSO app, be sure your SAML connector has been set up in the SAML Console. To verify, navigate to the CMC, click **Single Sign-On**, and select **SAML Console**.

AD FS SSO

To add an **Active Directory Federation Services (AD FS)** SSO app, locate the **AD FS SP Initiated URL** in the AD FS console, or contact your vendor for assistance.

✔️ Before you can create an AD FS-type SSO app, your school system should have established an AD FS trust with ClassLink and the vendor product. For the app to work, students and staff will need to log in to ClassLink with AD FS.

> [Follow the steps to add a new app.](#) Then, in the **Add Application** slide-over, toggle on **Single Sign-On App** and select AD FS from the drop-down.
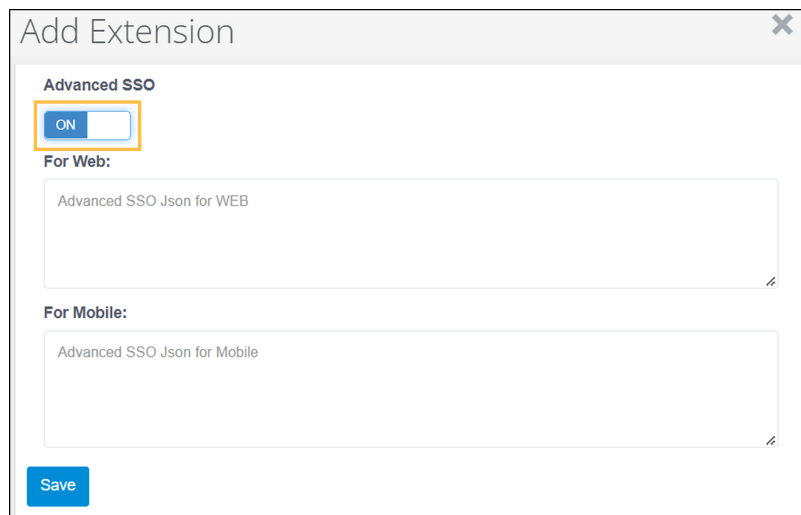
Paste the AD FS SP Initiated URL in the web address field and click the **Save** button. Now you're ready to assign the app!

Advanced SSO

In your **Extension Connectors** menu, you'll notice a toggle called **Advanced SSO**. When enabled, you can input JSON, a lightweight, understandable setup for structuring data.

✔️ By default, **Advanced SSO** is toggled off. Visit the Advanced SSO Extension Connector PDF to learn more about how JSON works in the connector.

Enabling Multi-Factor Authentication

🛡️ Want additional security for your applications? Individual apps can be configured to require Multi-Factor Authentication (MFA).

✔️ MFA can only be set for non-global apps.

To enable MFA for an app:

> Click Applications, select Add & Assign Apps, click the OTHER ACTIONS (three-dot) menu for the app you want to configure, then toggle on Multi-factor.

📚 Want to learn more? Take the [Add & Assign Apps](#) micro-course in ClassLink Academy. (Be sure you're logged in to view the course.)