



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.

The screenshot displays the ClassLink Admin interface. On the left is a dark sidebar with navigation links: Dashboard, Profiles, Groups & Users, Applications (highlighted with a yellow box and a yellow circle with the number 1), Add & Assign Apps (highlighted with a yellow box and a yellow circle with the number 2), Manage Folders, Delegate Permissions, App Library, and Custom App Config. The main content area is titled 'Add & Assign Applications' and features a table with columns 'ICON' and 'APPLICATION NAME'. The table lists three items: 'Cool App 1', 'Cool App 2', and 'Cool App 3', each with a light blue icon. A yellow box with a yellow circle containing the number 3 highlights the 'Add' button in the top right of this section. To the right of the table is a slide-over form titled 'Add Application'. The form contains fields for 'Application Name', 'Description', and 'Icon' (with a 'Browse Icon' button). Below these is a 'Category' dropdown menu set to 'Please select'. At the bottom of the form is an 'Auto Launch' toggle set to 'No'. A yellow box with the text 'Complete slide-over and click Save' points to the 'Save' button at the bottom right of the slide-over. A 'Close' button is also visible at the bottom left of the slide-over.

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

App Library

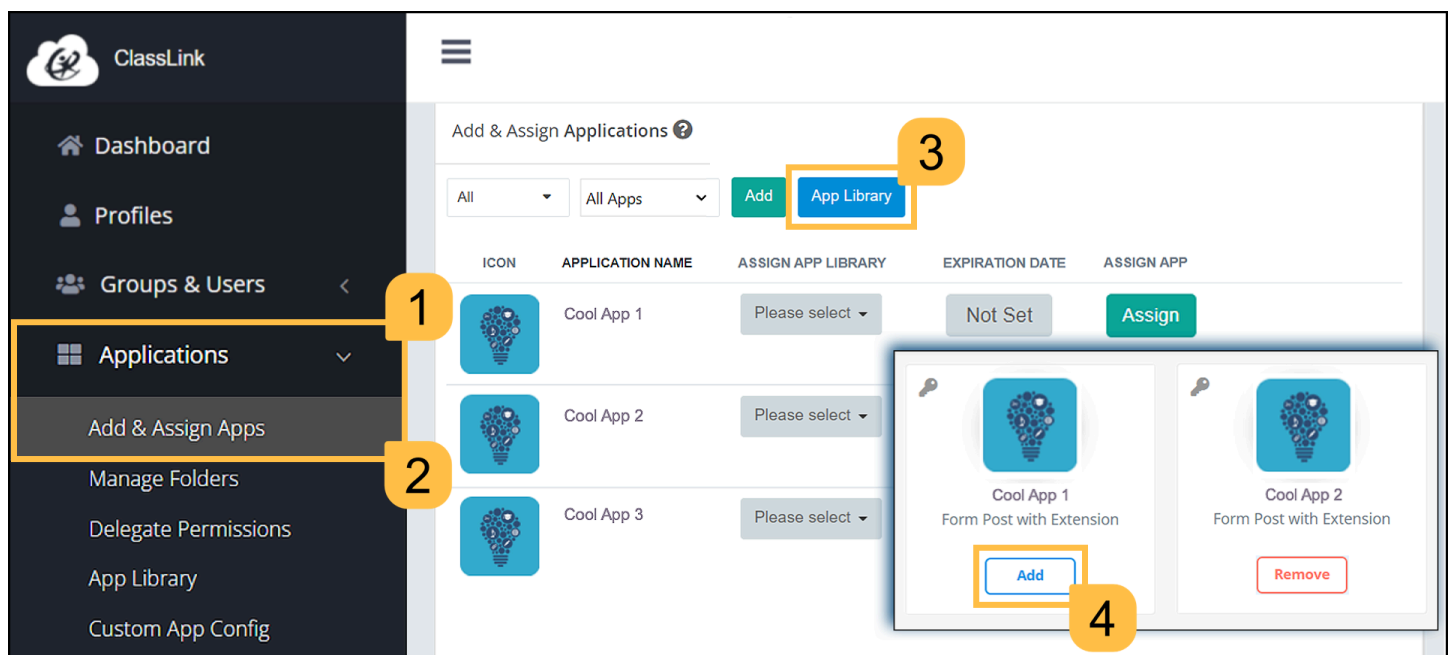
Adding an App from the Library

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.

ClassLink

Dashboard

Profiles

Groups & Users

Applications

Add & Assign Apps

Manage Folders




Delegate Permissions

App Library

Custom App Config

Add & Assign Applications ?

All All Apps Add App Library

ICON	APPLICATION NAME	ASSIGN APP LIBRARY	EXPIRATION DATE	ASSIGN APP
	Cool App 1	Please select	Not Set	Assign
	Cool App 2	Please select		
	Cool App 3	Please select		

Cool App 1 Form Post with Extension Add

Cool App 2 Form Post with Extension Remove

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

ClassLink

Dashboard

Profiles

Groups & Users

Applications

Add & Assign Apps

Manage Folders

Delegate Permissions

App Library

Custom App Config

ASSIGN APP LIBRARY EXPIRATION DATE ASSIGN APP OTHER ACTIONS

Please select

Select All

Paulo's Library

ClassLink Academy

Literacy

Please select

Not Set Assign

Not Set Assign

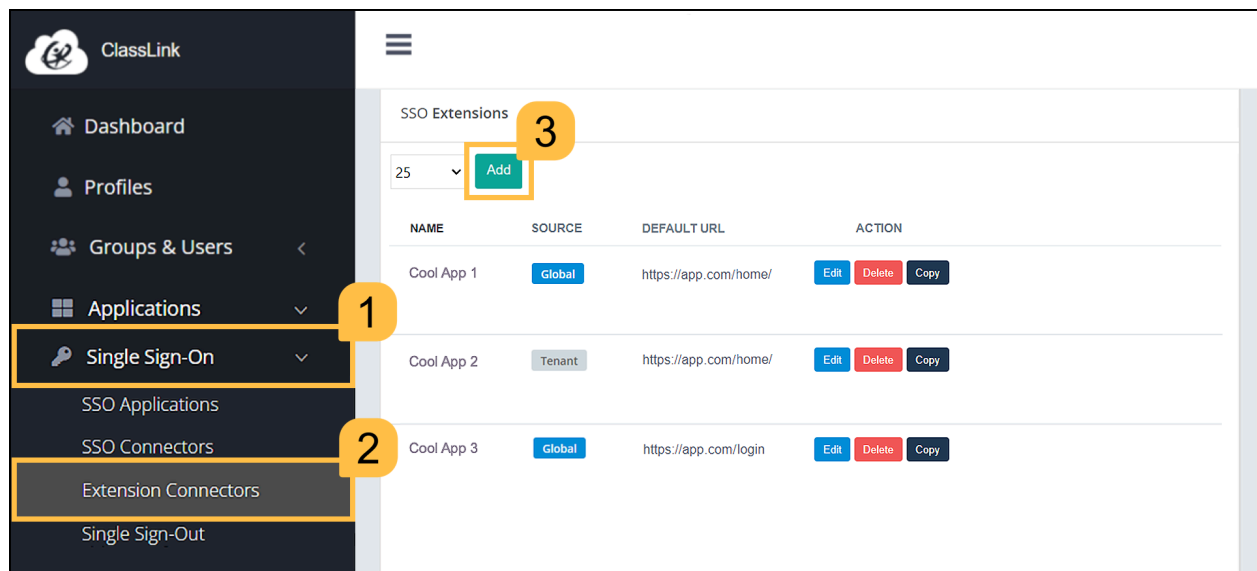
Not Set Assign

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.

The screenshot shows the 'Add Extension' form. It has a table with five columns: LABEL, SELECTOR, TYPE, VALUE, and ACTION. There are three rows of data. The 'SELECTOR' column is highlighted with an orange box. Below the table is a text area labeled 'Pre-auth scripts'.

LABEL	SELECTOR	TYPE	VALUE	ACTION
Username	Please enter Selector	text	Please enter Value	
Password	Please enter Selector	password	Please enter Value	
Please enter Label	Please enter Selector	submit	Please enter Value	

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.

The screenshot shows the ClassLink Management Console interface. On the left is a dark sidebar with navigation links: Dashboard, Profiles, Groups & Users, Applications, Add & Assign Apps, Manage Folders, Delegate Permissions, App Library, and Custom App Config. The main content area is titled 'Add & Assign Applications' and contains a table of applications. The table has columns for Icon, Application Name, Assign App Library, Expiration Date, Assign App, and Other Actions. Three applications are listed: 'Cool App 1', 'Cool App 2', and 'Cool App 3'. Each application has a three-dot menu in the 'Other Actions' column. The 'Copy Application' option in the menu for 'Cool App 1' is highlighted with an orange box.

ICON	APPLICATION NAME	ASSIGN APP LIBRARY	EXPIRATION DATE	ASSIGN APP	OTHER ACTIONS
	Cool App 1	Please select	Not Set	Assign	<ul style="list-style-type: none">Copy ApplicationDownload SFTP TemplateDisable ApplicationDelete Application
	Cool App 2	Please select	Not Set	Assign	
	Cool App 3	Please select	Not Set	Assign	

✓ 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.

ClassLink

SSO Extensions ?

25 Add

NAME	SOURCE	DEFAULT URL	ACTION
Cool App 1	Global	https://app.com/home/	Edit Delete Copy
Cool App 2	Tenant	https://app.com/home/	Edit Delete Copy
Cool App 3	Global	https://app.com/login	Edit Delete Copy

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

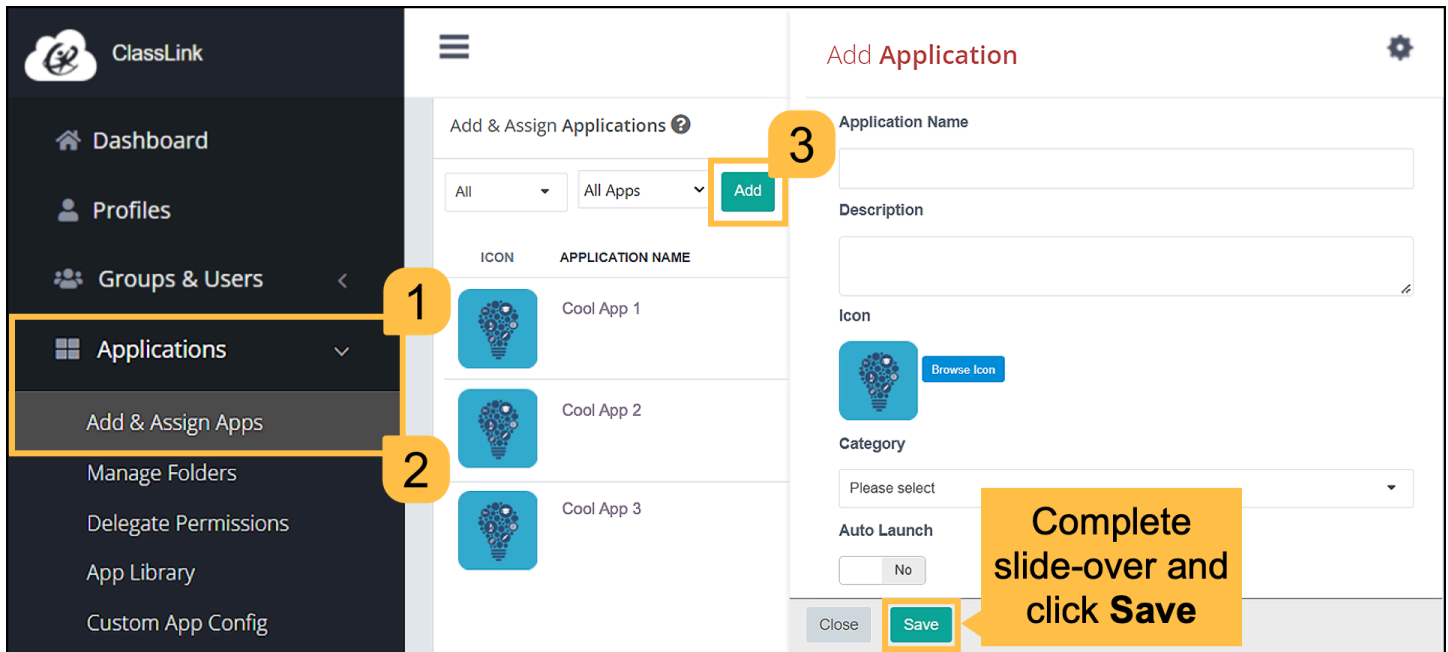
Supported Variables

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.

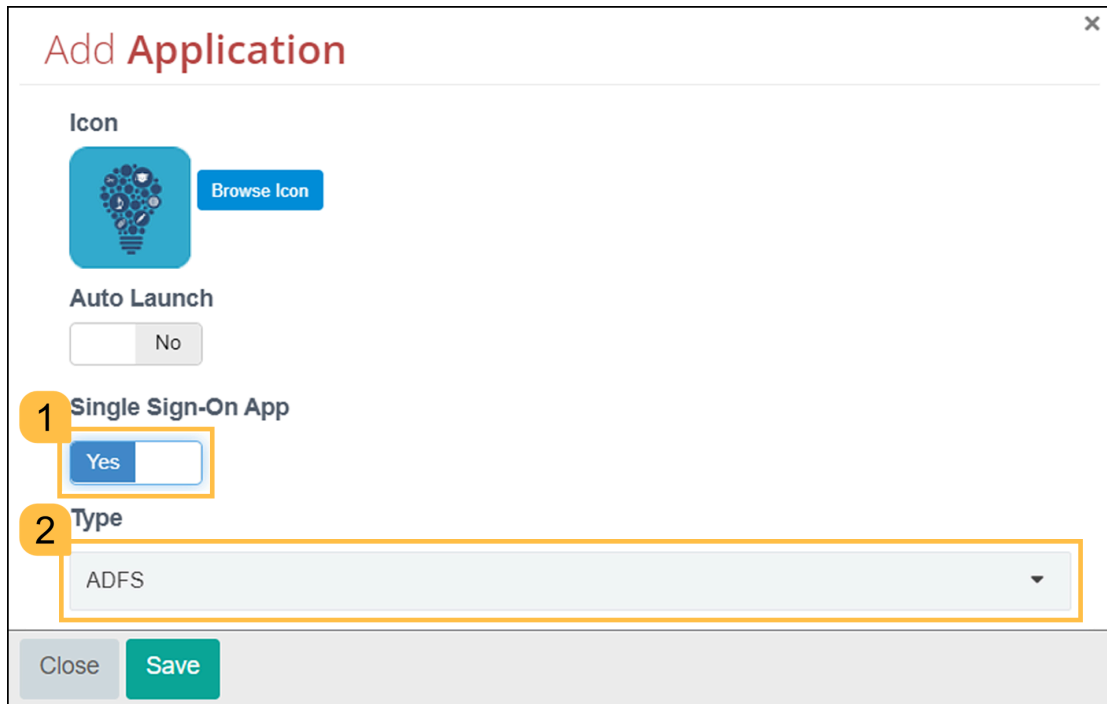
✓ Before you create a SAML SSO app, be sure your SAML connector has been set up in the SAML Console. To verify, navigate to the CMC, click **Single Sign-On**, and select **SAML Console**.

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.



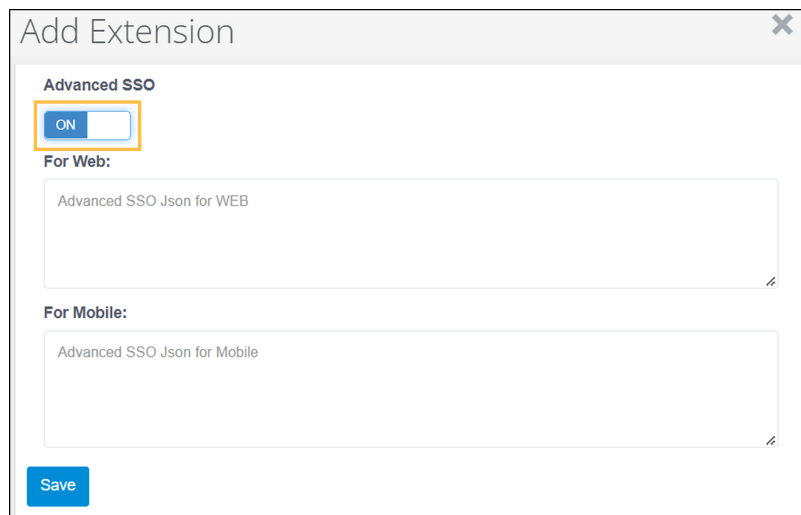
The 'Add Application' dialog box contains the following elements:

- Icon:** A blue square icon with a lightbulb and gears, and a 'Browse Icon' button.
- Auto Launch:** A toggle switch currently set to 'No'.
- 1 Single Sign-On App:** A toggle switch set to 'Yes', highlighted with an orange box.
- 2 Type:** A dropdown menu showing 'ADFS', highlighted with an orange box.
- Buttons:** 'Close' and 'Save' buttons at the bottom.

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.



The 'Add Extension' dialog box contains the following elements:

- Advanced SSO:** A toggle switch set to 'ON', highlighted with an orange box.
- For Web:** A text area labeled 'Advanced SSO Json for WEB'.
- For Mobile:** A text area labeled 'Advanced SSO Json for Mobile'.
- Buttons:** A 'Save' button at the bottom.

✓ 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.

The screenshot shows the ClassLink interface. On the left is a dark sidebar with the ClassLink logo and navigation links: Dashboard, Profiles, Groups & Users, Applications (highlighted with a yellow box and a '1' callout), Add & Assign Apps (highlighted with a yellow box and a '2' callout), Manage Folders, Delegate Permissions, App Library, and Custom App Config. The main content area is titled 'Add & Assign Applications' and contains a table with columns: ICON, APPLICATION NAME, ASSIGN APP LIBRARY, EXPIRATION DATE, ASSIGN APP, and OTHER ACTIONS. The table lists three applications: 'Cool App 1', 'Cool App 2', and 'Cool App 3'. The 'OTHER ACTIONS' column for each application has a three-dot menu icon (highlighted with a yellow box and a '3' callout). The dropdown menu for 'Cool App 1' is open, showing options: 'Copy Application', 'Download SFTP Template', 'Disable Application', 'Delete Application', and 'Multi-factor: ON' (highlighted with a yellow box and a '4' callout).

ICON	APPLICATION NAME	ASSIGN APP LIBRARY	EXPIRATION DATE	ASSIGN APP	OTHER ACTIONS
	Cool App 1	Please select ▼	Not Set	Assign	⋮
	Cool App 2	Please select ▼	Not Set	Assign	
	Cool App 3	Please select ▼	Not Set	Assign	

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