

OpenID Authorization

OpenID is a popular single sign-on technology that allows access to all company web-resources with the same credentials. In iSpring Learn, OpenID Connect protocol works with the Okta identity provider - an authorization server that authenticates users and transmits info about a successful authorization to LMS.



Authorization with OpenID and Okta works in the mobile application.

- [Okta Authorization Server Configuration](#)
- [Adding Users to iSpring Learn](#)
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Okta Authorization Server Configuration

1. Log in to your Okta account and open the **Applications** section in the top menu.

[blocked URL](#)

2. Then, start editing the application.

[blocked URL](#)

In case you haven't created an application yet, add it now.

1. In the **Applications** section, click the **Add Application** button.

[blocked URL](#)

2. At the second step, select **Web** and click **Next**.

[blocked URL](#)

3. After that, start configuring the application. Add **Base URIs** and **Login redirect URIs** — these can be taken from your iSpring Learn account. Also, in the **Grant type allowed** section, check **Refresh Token** and **Implicit (Hybrid)**. Finally, click **Done**.

[blocked URL](#)

3. Then, scroll down to the bottom of the page — here you can copy **Client Id** and **Client secret**.

[blocked URL](#)

4. Add **Return Url** — the web-page address where a non-authenticated user will be redirected.

[blocked URL](#)



To make the authorization in the mobile application work, add a modified Return Url to the authorization server. Swap the **https** scheme with **islearn**: for example, change <https://auth.dev.mycompany.com/sso/login/oidc> to <islearn://auth.dev.mycompany.com/sso/login/oidc>

Configuring iSpring Learn

1. Log in to your iSpring Learn account. Then go to the **SSO Settings** and click **OpenID**.

The screenshot shows the 'Single Sign-On Integration' page in the iSpring Learn interface. The 'SSO Settings' tab is active, and the 'OpenID' sub-tab is selected. The 'Enable' button is visible. The 'Connection Settings' section contains the following fields:

Field	Value
Response Type:	code id_token
Return URL:	https://courses.ispringlearn.com/sso/login/oidc
Issuer:	
Client Id:	
Client Secret:	

2. Fill out the fields of the form.

The screenshot shows the same 'Single Sign-On Integration' page, but with the form fields filled out. The 'Enable' button is still visible. The 'Connection Settings' section contains the following fields:

Field	Value
Response Type:	code id_token
Return URL:	https://courses.ispringlearn.com/sso/login/oidc
Issuer:	https://developer.oktapreview.com
Client Id:	0obfpglicz6Dhn4ug0h8
Client Secret:	63buZ7sp0hViBs9fSIG_EVfzdLpXYevvcrczqRg

Automatically add new users via OpenID	Check this option to enable non-registered users to get added to iSpring Learn when attempting to login.
Response Type	The response type which is issued by the authorization server.
Return Url	The web-address of the page where non-authenticated users are redirected to.
Issuer	The security token issuer. This value can be retrieved on the authorization server — it is the URL of your Okta account.
Client Id	The client identifier which can be copied on the authorization server.
Client Secret	This parameter is used to authenticate the application when it is asking to get access to a user's account. It's created on the authorization server.

3. If needed, [match fields](#) in iSpring Learn and your SSO service.

Mapping iSpring Learn fields and SSO attributes

The mapped attributes sync automatically when a user logs in.

Login	sub	
First Name	given_name	🗑️
Last Name	family_name	🗑️
Email	email	🗑️

+ Add a field

4. Click **Enable**.

The screenshot shows the 'Single Sign-On Integration' page in the iSpring Learn admin interface. The 'SSO Settings' tab is active, and the 'OpenID' provider is selected. The 'Enable' button is highlighted with a mouse cursor. Below the provider selection, the 'Connection Settings' section contains several fields: 'Response Type' (code_id_token), 'Return URL' (https://courses.ispringlearn.com/sso/login/oidc), 'Issuer' (https://developer.oktapreview.com), 'Client Id' (0obfpglicz6Dhn4ug0h8), and 'Client Secret' (63buZ7spOhVIBs9fSIG_EVfzdLpXYevvcqrczqRg).

ispring learn

Single Sign-On Integration

SSO Settings Quick Links (2)

SAML JWT OpenID What's this?

Enable

Connection Settings

Response Type: code_id_token

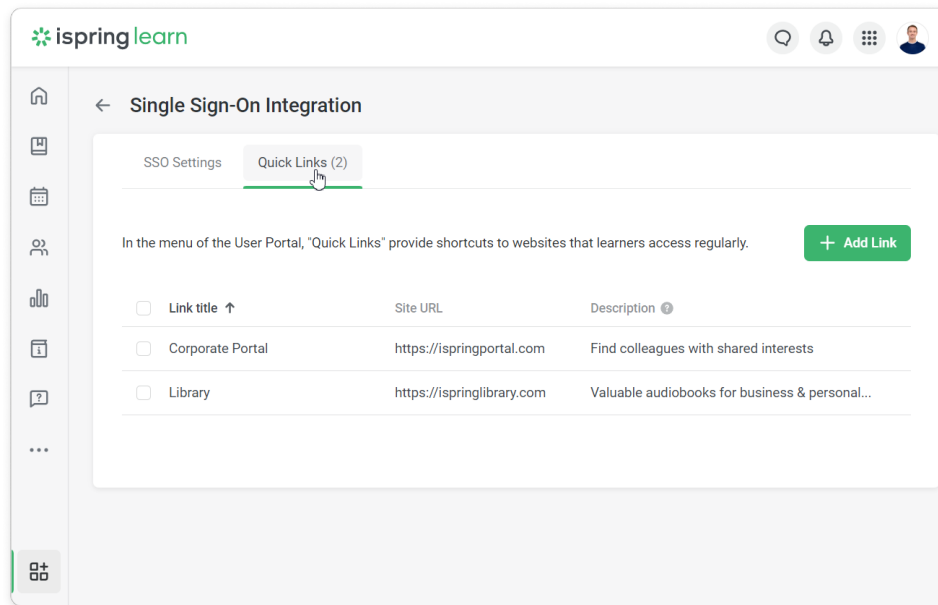
Return URL: https://courses.ispringlearn.com/sso/login/oidc

Issuer: https://developer.oktapreview.com

Client Id: 0obfpglicz6Dhn4ug0h8

Client Secret: 63buZ7spOhVIBs9fSIG_EVfzdLpXYevvcqrczqRg

5. Then, [add link](#) to the corporate site in the **Quick Links** section.



Adding Users to iSpring Learn

Even if users are not present in the iSpring Learn database yet, they will be automatically added to the users list. The only thing that can prevent a new user from adding can be your subscription plan limitation.

To create users when signing in with OpenID, we use the following parameters received from the authorization server:

Claim	Profile Field in iSpring Learn
preferred_username	Login
email	Email
family_name	Last Name
given_name	First Name

Authorization without OpenID

If you have enabled OpenID in your iSpring Learn account and for some reasons can't login using single sign-on, type the following web address: https://yourcompany.ispringlearn.com/login?no_sso.

Now you will sign in with the account as usual, using your login and password.