



HR Learn Okta Integration Guide

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Overview

This guide is targeted at LMS and IT administrators who would like their LMS users to authenticate via OAuth to their company's Okta directory service.

This guide will walk you through the process of setting up OAuth SSO integration with your company's Okta directory service. Parts of this process are technical in nature and will require you to consult with your IT administrator or person responsible for administering your company's Okta.

Integration Setup

If you are setting the Okta OAuth integration up on a portal that currently has users who are logging in via the built-in LMS sign-in, or via an existing SAML integration, please be sure to review the "Additional Information" section of this guide before setting up the integration as there may be some nuances related to existing users.

- To begin, you will need to set up your OAuth client in Okta. For guidance on this, go to the System > Configuration > Login Setup screen and click the "Add OAuth Provider" button under "OAuth SSO." Then, select "Okta" under the "Providers" drop-down and click the "Product Developer Guide" button.

OAUTH SSO



Add OAuth Provider

(Add OAuth Provider button)

PROVIDERS

[Provider Developer Guide](#)

(Product Developer Guide link for Okta)

- The link will take you to the developer guide for setting up an OAuth client in Okta. You will need to work with your company's IT administrator or person responsible for administering your company's Okta to set up the OAuth client.
- Once the OAuth client has been set up and you have your OAuth Client ID, Client Secret, and Okta Domain, you will need to go back to the LMS System > Configuration > Login Setup screen and click "Add OAuth Provider" again to complete the setup.

(New OAuth Provider modal screen)

- On the “New OAuth Provider” screen, select Okta and enter the Client ID, Client Secret, and Okta Domain from your OAuth client setup.
- Then, select any user field mappings you wish to create from Okta to LMS user profile by clicking the (+) button and selecting the field mapping from the drop-downs. By default, the OAuth client will synchronize the following Okta fields to LMS user profile fields. These are required for the integration to function properly and are unchangeable.
 - firstName -> First Name
 - lastname -> Last Name
 - login -> Username

(Field mapping drop-downs)

- Once you have entered all OAuth client information and created your field mappings, click “Save Changes” to finish setting up your Okta OAuth client.
- After the set up is finished, users will now see an option to “Sign in with Okta” on the LMS sign-in form.

(Sign in with Okta button on login form)

Connecting to 
Sign in with your okta-dev-36549261 account to access HR
Learn Demo

okta

Sign In

Username

Password

☐ Keep me signed in

[Forgot password?](#)

(Okta account login form)

Additional Information

- If you have an existing directory service integration to the LMS using SAML and wish to replace it with the new OAuth workflow using Okta, be sure that the current SAML integration's user identifier key is the same as the Okta [login] field. The initial synchronization of a user keys on the value in the LMS username field against the [login] field in Okta. If these values do not match, a new user will be created.
 - You can work with LMS support to ensure these fields are in agreement prior to moving away from your SAML integration.
- If you have existing users in the LMS that you wish to have authenticated via Okta, you must ensure their usernames agree with the [login] field values in your Okta, similarly to SAML integration described above.
- You may allow for a "hybrid" set up that allows users to both authenticate to the LMS using the standard LMS login form and any combination of OAuth options including Okta. However, if a user's username field agrees with the synchronization key of an OAuth SSO integration (in the Okta case, [login]) the user will be signed in with that LMS user account.
- You can force users to login using only the Okta OAuth integration (or any other OAuth integration) by turning on the "Require users to sign in using only the SSO options configured below." option from the System > Configuration > Login Setup page.
- If you have additional questions or would like consultation about the various identity management/SSO/sign-in options available in the LMS, please contact support.