Configuring Okta to Manage LaunchDarkly Federal Users with SCIM

Features

Push New Users

Users created in Okta are also created in LaunchDarkly Federal.

Push Profile Updates

Updates made to the user's profile through Okta will be pushed to LaunchDarkly Federal.

Push User Deactivation

Deactivating the user or disabling the user's access to the application through Okta will deactivate the user in LaunchDarkly Federal.

Push Groups

Okta groups and their members can be pushed as new LaunchDarkly Federal teams.

Group Linking

Okta groups and their members can be linked to existing teams in LaunchDarkly Federal.

Requirements

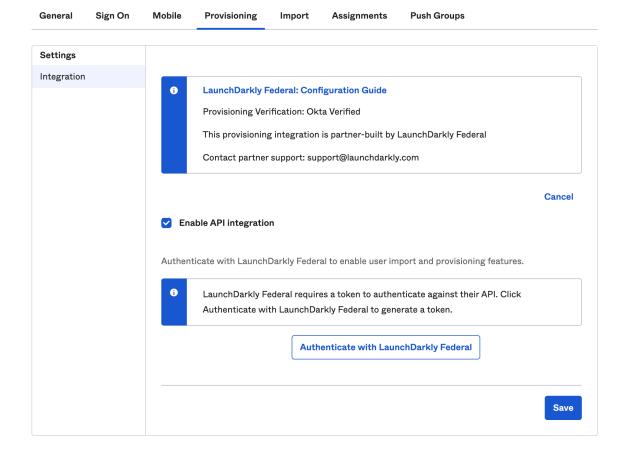
In order to complete this procedure, you must have the following prerequisites:

- You must be a LaunchDarkly Owner / Admin
- You must have added the LaunchDarkly Federal app to Okta and have SSO enabled. To learn more about LaunchDarkly's SSO features, read <u>Single Sign-On</u> in LaunchDarkly's documentation.

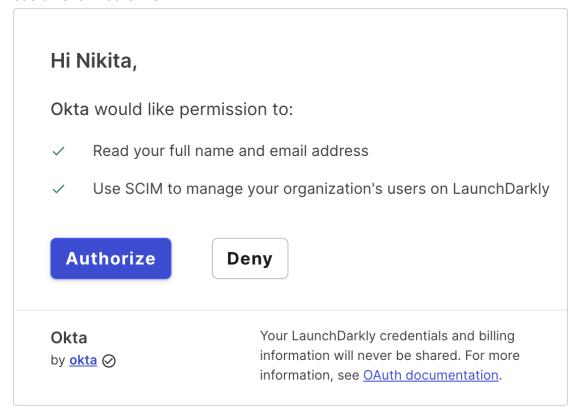
Step-by-Step Configuration Instructions

Configure your **Provisioning** settings for LaunchDarkly as follows:

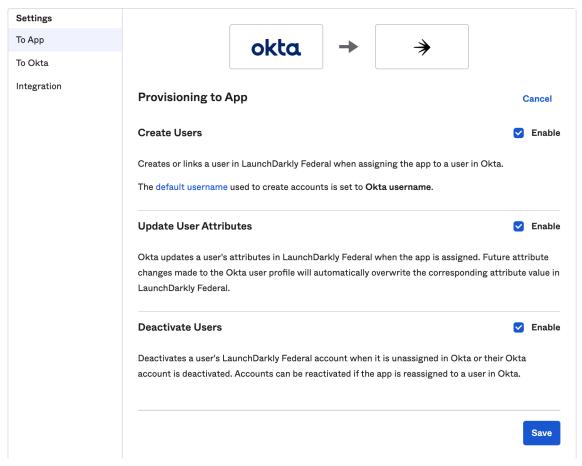
- 1. Click the **Configure API Integration** button.
- 2. Check the Enable API Integration box.
- 3. Click the **Authenticate with LaunchDarkly Federal** button. A new browser window opens.



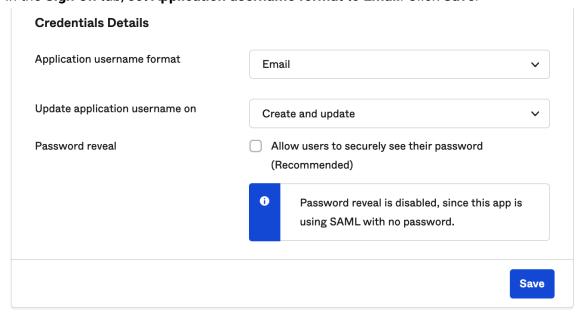
4. The browser message describes what permissions Okta requires in LaunchDarkly Federal. Click **Authorize.**



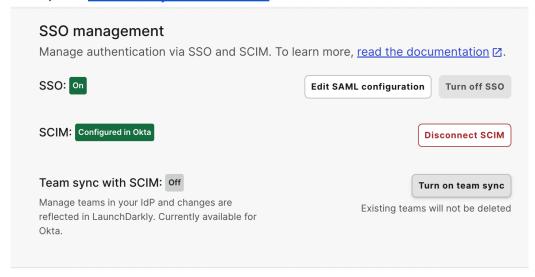
- 5. Return to Okta's **Provisioning** settings screen.
- 6. Click Save.
- 7. On the **To App** tab in **Provisioning**, click **Edit** and choose the **Provisioning Features** you want to enable.
- 8. Click **Save** to complete the configuration.



9. In the Sign On tab, set Application username format to Email. Click Save.



10. To enable Push Groups and Group Linking, go to LaunchDarkly's Account Settings, click Security, then click Turn on team sync. To learn syncing Okta Groups with LaunchDarkly Teams, read LaunchDarkly's documentation.



Schema Discovery

LaunchDarkly Federal supports several custom attributes in addition to the standard SCIM username, given name, and family name.

Here is a table explaining LaunchDarkly Federal's custom attributes:

| Attribute | Okta attribute | Attribute type | Notes |
|--------------|-----------------------------------|------------------------|--|
| Role | role | string | role is one of no_access, reader, writer, or admin which correspond to the built-in user roles in LaunchDarkly. |
| Custom Roles | customRole customRoleAr ray | String String array | customRole is a string containing comma-separated custom role keys, which grant custom permissions to users and user groups. |

To connect LaunchDarkly Federal's custom attributes to Okta user attributes:

- 1. In Okta's Admin Console, go to **Directory > Profile Editor**.
- 2. In the search field, enter "LaunchDarkly Federal". The LaunchDarkly Federal User profile appears.
- 3. Click the **LaunchDarkly Federal User** profile to open the application's profile.
- 4. Click Mappings.
- 5. Select the Okta User to LaunchDarkly Federal tab.
- 6. Choose an attribute or expression for the custom attributes you want to add.

7. Click Save Mappings.

Troubleshooting and Tips

- LaunchDarkly Federal uses email addresses as SCIM usernames. It stores emails in lowercase. Emails with uppercase letters won't work as expected.
- LaunchDarkly Federal does not store separate username and primary email fields.
 Changing the username updates the email and changing the email updates the username.
- Only one email address may be associated with a LaunchDarkly Federal account at a time. If you attempt to provision the same email address into multiple accounts, it will fail.
- LaunchDarkly Federal currently only allows one SCIM connection at a time. If you receive
 an error that you cannot add an additional SCIM connection, go to LaunchDarkly's
 Account Settings, click the Security, and then click Disconnect SCIM. After you do this,
 you will be able to make a new SCIM connection.
- If you see ConstraintViolationException errors when using Push Groups, go to the Provisioning tab, click Integration, and make sure that the Import Groups checkbox is checked. This is a known issue with Push Groups.
- After you sync a LaunchDarkly Federal team with an Okta group, you cannot unsync it. The only way to remove the team is to unlink the pushed group in Okta.
- To learn more about using LaunchDarkly's features, read <u>LaunchDarkly's documentation</u>.