

Configure SCIM with Okta

This guide provides the steps required to configure Okta user provisioning for eFront.

eFront is a flexible LMS platform for enterprises that need advanced security measures and extensive customization to train masses of employees, partners and customers. Okta's integration allows eFront users to log in with their Okta account and organizations to automate user management as users can be automatically created, deactivated or have the attributes updated.

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Features

The following provisioning features are supported:

- **Create Users.** Users that are assigned to the eFront application in Okta are automatically added in eFront.
- **Update User Attributes.** Updates made to the user's profile in Okta will be pushed to eFront.
- **Deactivate Users.** Deactivating a user or disabling a user's access to the Okta application will deactivate the user in eFront.
- **Sync password.** Changing a user's password in Okta will update the password of the corresponding eFront user.
- **Import Users.** Users created in eFront can be imported into Okta and either matched against existing Okta users or created as new Okta users.

Requirements

SCIM-based user provisioning is available to eFront v5.3.1 or higher.

Step-by-step configuration instructions

Login to your eFront portal as administrator and complete the following steps:

- 1. Go to **Home** → **System Settings** → **Single Sign On** → **SAML tab** and click “Enable SCIM 2.0 support” and “Save”.

☐ Bypass the default sign in screen and send users directly to the IDP's SAML signin page

☒ Authenticate user through SAML if possible; otherwise show default login page.

☐ Enable SCIM 2.0 support

SAVE

- 2. You will need the token for the next steps.

☒ Enable SCIM 2.0 support

SCIM 2.0 base URL

http://efront.test/scim/v2

SCIM 2.0 token

65750e5200f8b7584ed5

Log in to your Okta admin portal and complete the following steps:

1. Under the Applications tab, navigate to the eFront application.
2. Click on the “Provisioning” tab in the application. Under the “Settings” panel on the left side, click the “Integration” link. Then click the “Configure API Integration” button.

General Sign On Mobile **Provisioning** Import Assignments

Settings
Integration

eFront: Configuration Guide
Provisioning Certification: Okta Verified
This provisioning integration is partner-built by Epignosis
Contact partner support: support@efrontlearning.com

Provisioning is not enabled
Enable provisioning to automate eFront user account creation, deactivation, and updates.

[Configure API Integration](#)

3. Check “Enable API integration” option and fill in the token that you obtained from the previous steps.

General Sign On Mobile **Provisioning** Import Assignments

Settings
To App
To Okta
Integration

eFront: Configuration Guide
Provisioning Certification: Okta Verified
This provisioning integration is partner-built by Epignosis
Contact partner support: support@efrontlearning.com

Integration [Cancel](#)

☒ **Enable API integration**

Enter your eFront credentials to enable user import and provisioning features.

API Token

[Test API Credentials](#)

[Save](#)

4. Click “Test API Credentials” to verify that the connection is working correctly and “Save”.
5. Under the “Settings” panel on the left side, click “To App” and then “Edit”.

General Sign On Mobile **Provisioning** Import Assignments

Settings
To App
To Okta
Integration

 → 

Provisioning to App Edit

Create Users ☐ Enable

Creates or links a user in eFront when assigning the app to a user in Okta.
The [default username](#) used to create accounts is set to **Okta username**.

Update User Attributes ☐ Enable

Okta updates a user's attributes in eFront when the app is assigned. Future attribute changes made to the Okta user profile will automatically overwrite the corresponding attribute value in eFront.

Deactivate Users ☐ Enable

Deactivates a user's eFront account when it is unassigned in Okta or their Okta account is deactivated. Accounts can be reactivated if the app is reassigned to a user in Okta.

Sync Password ☐ Enable

Creates a eFront password for each assigned user and pushes it to eFront.

6. Enable as many of the features you want to use:
 - Create Users
 - Update User Attributes
 - Deactivate Users
 - Sync Password

7. Go to “Sign On” tab, click “Edit”. Fill in the Audience URI with your eFront domain without an HTTP:// or HTTPS:// prefix. Also, select “Email” as the default username format under the “Credentials Details” section.

Advanced Sign-on Settings

These fields may be required for a eFront proprietary sign-on option or general setting.

Audience URI

scim-demo.dev.efrontlearning.com

Enter your Audience URI. Refer to the Setup Instructions above to obtain this value.

Credentials Details

Application username format

Email

Password reveal

☐ Allow users to securely see their password
(Recommended)



Password reveal is disabled, since this app is configured in the provisioning settings to sync Okta passwords.

Save

8. (Optional) To import users from eFront to Okta, go to “Import” tab, and click “Import Now” to show the eFront users in the list. Select those you want and click “Confirm Assignments”.

[General](#) [Sign On](#) [Mobile](#) [Provisioning](#) [Import](#) [Assignments](#)

Import Results

 **Import Now**

 Clear Unconfirmed Users

0 imported users need review • 0 imported users confirmed

[ALL](#) [NO](#) [EXACT](#) [PARTIAL](#) [IGNORED](#)

[Confirm Assignments 0](#)

Show 10 ▾

[First](#) [Previous](#) [Next](#) [Last](#)

 Imported User	 Okta User Assignment	☒
No records found		

Show 10 ▾

[First](#) [Previous](#) [Next](#) [Last](#)

[Confirm Assignments 0](#)

Or to schedule an import, go to “Provisioning” tab, click “To Okta” and enable the option “Schedule

General Sign On Mobile Provisioning Import Assignments

Settings
To App
To Okta
Integration

 → 

General [Edit](#)

Import users from eFront to create new Okta users. If the Okta user already exists, the two accounts will automatically be linked. Imported users are assigned eFront access when they are confirmed on the Import tab.

Schedule import **Never**
Select never if you prefer to import manually

Okta username format **Email Address**
Select the username users should enter to log into Okta.

import”.

9. (Optional) To use custom values, you have to create the corresponding extended profile fields, and add their names separated in **Home** → **System Settings** → **Single Sign On** → **SAML tab** → **Custom fields**.

Single Sign On

Integrations
Debugging

Remote Sign-out URL e.g. <https://openidp.feide.no/simplesaml/saml2/idp/SingleLogout>

TargetedID Username

First name FirstName

Last name LastName

Email Email

Branch Branch name attribute

Custom fields title,country

☐ Sign SAML requests

☐ Validate SAML requests

Then, you have to map the values in Okta. Click on the “Provisioning” tab in the application. Under the “Settings” panel on the left side, click the “To App” link and/or “To Okta” link. At the bottom of the page, you can click “Show Unmapped Attributes” and create your mappings.

Okta Attribute Mappings

Select a(n) Okta attribute to set its value based on values stored in eFront.

[✎ Go to Profile Editor](#)

[⌂ Force Sync](#)

Okta Attribute	Value	Apply on		
Username login	Configured in Sign On settings			
First name firstName	appuser.givenName	Create	✎	✕
Last name lastName	appuser.familyName	Create	✎	✕
Middle name middleName	appuser.my_ext_field	Create	✎	✕
Primary email email	appuser.email	Create	✎	✕
Show Unmapped Attributes				