



Okta: How to Configure SCIM 2.0 for Klue

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If your organization uses Okta to manage your employees' access to tools and services, you can use Okta's "Provisioning" feature to automatically add, modify, and remove them from Klue.

The integration between Okta and Klue that enables automated provisioning is built on the industry-standard protocol known as SCIM (System for Cross-domain Identity Management) 2.0.

Most Okta Klue customers will also set up SAML SSO at the same time. [See this document](#) for how to configure SAML 2.0 for Klue in Okta.

Continue reading to learn how you can configure Klue and Okta to automate user provisioning and de-provisioning for your organization.

For more information, visit the [Okta Glossary](#).

Supported Features

The Okta Klue SCIM integration currently supports the following features:

- **Push User Deactivation:** Deactivating users in Okta will deactivate the user's account in Klue.
- **Import New Users:** New users created in the third party application can be downloaded into Okta.
- **Import Profile Updates:** Updates made to a user's profile in the third party application will be downloaded and applies to the profile fields stored locally in Okta.
- **Profile Mastering:** AppUser profile for Klue will overwrite the Okta user profile for Users if this is turned on for the Klue app within Okta.



- **Push New Users:** New users created in Okta and assigned to the Okta Klue app will be pushed to Klue.
- **Push New Users Without Password:** Users created in Okta will be pushed to Klue without a generated password.
- **Push Profile Updates:** Changes made to a user's profile in Okta will be pushed to Klue.
- **Reactivate Users:** User accounts can be reactivated in Klue.

Pre-Requisites

To set up the integration, you will need:

- Okta Admin access to install and modify the Klue Okta app
- Klue Admin access to create an API key

Configuration Steps

1. Add Klue's Okta app to your Okta App Directory. If you've already installed the Klue Okta app, click on it.
2. Go to the "Provisioning" tab and click "Configure API Integration".
3. Check the checkbox "Enable API Integration".
4. Go to the [Klue Integrations page](#) and click on "Manage API Keys".
5. Click the "Create New API Key" button on the API Keys dialog that pops up:



6. Choose a how long you want the key to be valid (via the API Key Expiration dropdown), give your API Key a Description to be able to easily reference what it was

created for, then click the “Save” button in the bottom-right:

 API Keys 

API Key Expiration

1 Year 

Description

Dev API Key

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7. Your API key will be created; click the “Copy” button for use in Okta:

 API Keys 

New API Key created

Make sure to copy it now as you will not be able to see this again.

ezskegA2eFU8_NsWY3A-AHJoqGUYNZkkHSMNERL_FfA 

Expiration Date: May 10, 2024

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8. Go to the Klue Okta app and paste in the API token under “Provisioning”.
Make sure that the ‘Import Groups’ option is **NOT** checked.
9. Click “Save”



Integration

[Cancel](#)

☒ Enable API integration

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

API Token

.....

Import Groups

☐

[Test API Credentials](#)

[Save](#)

10. Next, within the same "Provisioning" tab, click on "To App" -> "Edit"
11. Check each box for Klue's supported provisioning actions that you would like to use:
 - a. Create Users (Leave unchecked if you'd like to use SAML SSO provisioning for creating users instead)
 - b. Update User Attributes
 - c. Deactivate UsersRemember to click "Save".

Settings

- To App
- To Okta
- Integration

Provisioning to App Cancel

Create Users ✓ Enable

Creates or links a user in Klue when assigning the app to a user in Okta.

The **default username** used to create accounts is set to **Okta username**.

Set password when creating new users ✓ Enable

Update User Attributes ✓ Enable

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

Deactivate Users ✓ Enable

Deactivates a user's Klue 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.

Save

- Proceed to the "Sign On" tab and click "Edit"
- Under "Credentials Details", ensure that "Application username format" is set to Email. Click "Save".

Credentials Details

Application username format Email ▼

Update application username on Create and update ▼

Password reveal ☐ Allow users to securely see their password (Recommended)

i Password reveal is disabled, since this app is using SAML with no password.

Save

- Now that SCIM 2.0 is set up, let's assign users to the Klue Okta app. To do this, click the "Assignments" tab > "Assign" > "Assign to Groups" (or select "Assign to People").

Click "Assign" next to any group(s) or individual user(s), and then click "Done"

15. Schedule a regular import of users from Klue in Okta via "Provisioning" -> "To Okta" -> Schedule Import:

Settings

- To App
- To Okta**
- Integration

 → 

General Cancel

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

Schedule import Every 3 hours ▼
Select never if you prefer to import manually

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

Update application username on Create only

Save
Cancel

Migration for customers of previous versions of Klue's Okta app:

1. Follow steps 1-13 of the configuration steps above.
2. Go to the "Import" tab and click "Import Now". This step ensures that any users in your Klue instance are matched to Okta users.
3. Review any new assignments, check the checkbox for any users that can be assigned to the Klue app, and then click 'Confirm Assignments'.
4. Schedule a regular import of users from Klue in Okta via "Provisioning" -> "To Okta" -> Schedule Import.

For any imported users that should NOT be assigned to the Klue app, you can either:

- A. Login to Klue as an admin user, go to [Manage Users](#) and deactivate them.
- B. First confirm the user assignment within Okta so that they are assigned to the Klue app, and then remove their assignment to the Klue app: this deactivates them from



Klue until they are re-activated either via re-assignment within Okta, or by a Klue admin within Klue.

Notes

- In Klue, deletion is treated the same as deactivation. To deactivate a user, set the Klue SCIM 2.0 attribute "active" to false.
- Creating users through SCIM is not necessary, since Klue supports [JIT provisioning during SAML login](#).
- When creating new users through SCIM, emails.work, name.givenName, name.familyName are **required**.
- You can set or modify the following standard SCIM attributes on users: emails.work, name.givenName, name.familyName, userName, active.
- The following extended attributes in the Enterprise Extension namespace **urn:ietf:params:scim:schemas:extension:enterprise:2.0:User** can be modified: employeeld, visibilityGroup, klueRole.
 - klueRole can be set to one of admin, curator or consumer. If not set, consumer is assumed.
 - visibilityGroup must be set to a valid Visibility Group that exists in the Klue instance, and must only be set for users with the klueRole of consumer. If not set, Consumer Users will be created with the Default Visibility Group configured for the Klue instance, which defaults to Full Access.
 - employeeld can be set to any value, or remain unset.

Known Issues/Troubleshooting

Klue does not support the /Groups endpoint with SCIM 2.0.

If you have any questions about this integration or Klue, please contact our support team at support@klue.com.