

Okta–Archer SCIM Integration Guide

Overview

This guide explains how to configure SCIM (System for Cross-domain Identity Management) between Okta and Archer to automate user provisioning and de-provisioning.

With SCIM integration, administrators can manage users in Okta and automatically synchronize them with Archer.

Prerequisites

Before configuring the integration, ensure the following:

1. **Okta Access**
 - An active Okta subscription
 - Administrator permissions (Application Administrator role)
2. **Archer Access**
 - Access to the Archer instance
 - Permissions to view Manage Users
3. **SCIM Credentials**

Archer provides the following information after SCIM is enabled:

 - SCIM Base URL (Tenant URL)
 - SCIM API Key (Secret Token)

1. Create SCIM Application in Okta

1. Log in to the **Okta Admin Console**.
2. Navigate to **Applications → Create App Integration**.
3. Create a new application using one of the following authentication options:
 - SAML
 - SWA
 - Any other supported SSO method.
4. From the **General** tab, enable **SCIM provisioning**.

Note

SCIM provisioning operates independently of your SSO configuration. You can configure SCIM regardless of whether you use SAML, SWA, or another authentication method.

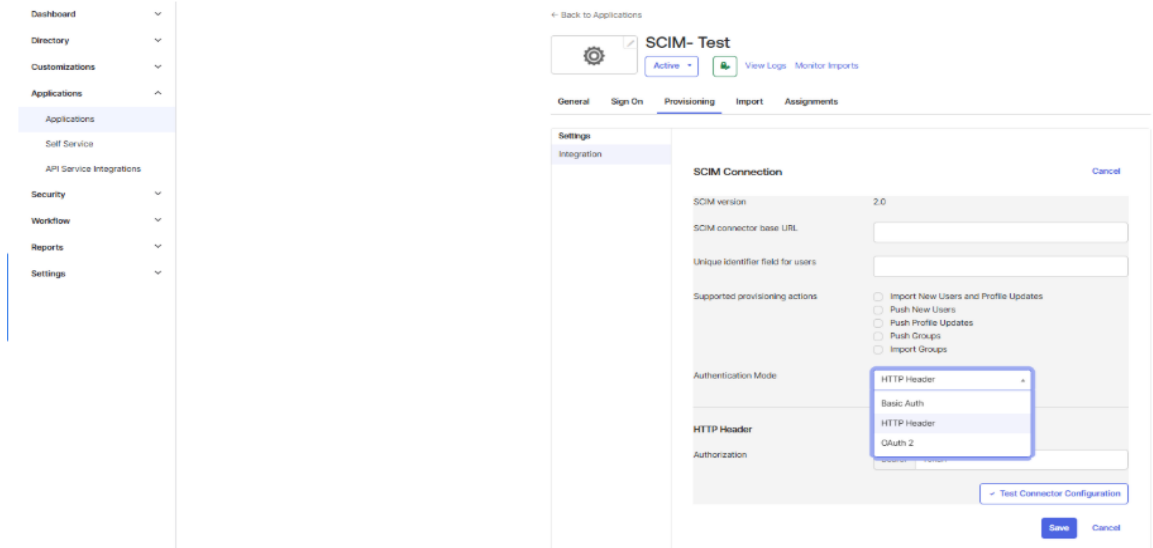
2. Configure SCIM Provisioning

After the application is created:

1. Open the Provisioning tab.
2. Configure the following settings.

Setting	Value
SCIM Base URL	Provided by Archer
Authentication Mode	Header Authentication
API Token	SCIM API Key provided by Archer
Unique Identifier	userName

The Unique Identifier should align with the identifier used in your SSO configuration.



3. Enable the provisioning actions required for your environment. Recommended initial configuration:

- Push New Users
- Push Profile Updates

Provisioning Options Table:

Option	Description	Direction	Use Case
Push New Users	Sends new users from Okta to Archer	Okta → Archer	Automatic User Provisioning
Push Profile Updates	Sends profile changes from Okta to Archer	Okta → Archer	Maintain user data consistent
Push Groups	Sends group assignments to Archer	Okta → Archer	Manage access through groups
Import Groups	Imports Archer groups to Okta	Archer → Okta	(Optional visibility of Archer groups)
Import Users	Not Supported	Archer → Okta	-

Attribute Mapping

Okta automatically includes attributes from the SCIM Core and Enterprise schemas. Unsupported attributes should be removed from the Attribute Mapping section.















Required Attributes

The following attributes are required for successful user provisioning:

- userName
- name.givenName
- name.familyName

Full list of Archer SCIM supported attributes from Core and Enterprise schemas:

Internal Use

Attribute	Attribute Type	Value	Apply on		
Username userName	Personal	Configured in Sign On settings			
Given name givenName	Personal	user.firstName	Create and update		
Family name familyName	Personal	user.lastName	Create and update		
Middle name middleName	Personal	user.middleName	Create and update		
Email email	Personal	user.email	Create and update		
Primary email type emailType	Personal	(user.email != null && user.email != "") ? 'Business' : ""	Create and update		
Title title	Personal	user.title	Create and update		
Primary phone primaryPhone	Personal	user.primaryPhone	Create and update		
Primary phone type primaryPhoneType	Personal	(user.primaryPhone != null && user.primaryPhone != "") ? 'Business' : ""	Create and update		
Locale Name locale	Group	"ko-KR"	Create and update		
Time zone timezone	Group	"Central Standard Time"	Create and update		
Organization organization	Group	user.organization	Create and update		
Show Unmapped Attributes					

Attribute Configuration Notes

1. [Email and Phone Attributes](#): Expressions for Primary Email Type and Primary Phone Type should be updated to use - Business
2. [Preferred Language](#): The preferredLanguage attribute should not be mapped. Okta uses this attribute internally as an Accept-Language header. Using Archer language IDs in this field can result in provisioning errors.
3. [Locale](#): The Locale attribute should be mapped similar to Time Zone.
4. [Time Zone Configuration](#): Archer and Okta use different time zone formats. Administrators must configure the mapping appropriately.

Scenario 1: Single Time Zone

If all users share the same time zone:

- Use **"Same value for all users"** in Okta attribute mapping.
- Assign the Archer-supported time zone value.

Attribute value Same value for al... Mountain Standard Time

"Mountain Standard Time"

Apply on Create Create and update

Preview Isa Zara Save Cancel

Scenario 2: Multiple Time Zones

If users exist in multiple time zones:

- Use **Okta expressions** to map Okta time zones to Archer-supported time zones.
- Review time zones currently stored in Okta user profiles.
- Create mapping expressions accordingly.

Example expression:

```
(user.timezone == 'Australia/ACT') ? 'AUS Eastern Standard Time' :
(user.timezone == 'America/Boise') ? 'Mountain Standard Time' :
(user.timezone == 'America/New_York') ? 'Eastern Standard Time' :
(user.timezone == 'Europe/Berlin') ? 'Central Europe Standard Time' :
'Central Standard Time'
```

Use the **Preview** option in Okta to validate the expression results.

Attribute value Expression

'Europe/Berlin' ? 'Central Europe Standard Time';
'Central Standard Time'

"Mountain Standard Time"

[Expression Language Reference](#)

Apply on Create Create and update

Preview Isa Zara Save Cancel

Archer Specific Attributes:

To configure Archer-specific attributes:

1. Navigate to **Directory** → **Profile Editor** in Okta.
2. Add custom attributes aligned with the Archer SCIM schema.
3. Configure the following values:
 - Data type
 - Variable name
 - External name
 - Namespace

Archer SCIM Namespace:

urn:ietf:params:scim:schemas:extension:Archer:2.0:User

Supported Archer Custom Attributes

Archer Attribute	SCIM Attributes	Data type
Security parameter	securityId	Integer
Advanced Workflow Actions By Email	enableApproveContentByEmail	Boolean
Force Password Change	forcePasswordChange	Boolean
Additional Notes	additionalNote	String
Default Home Page	defaultHomeWorkspaceId and defaultHomeDashboardId	Integer

Add Attribute

*Local app attributes are only stored on Okta and not created in SCIM- Test. Use local attributes if you plan to add the attribute to SCIM- Test or only want to store the mapped value in Okta.

Data type:

Display name:

Variable name:

External name:

External namespace:

Description:

Enum: Define enumerated list of values

Attribute Range:

and

Attribute required: Yes

Attribute type: Personal
 Group
Most attributes are personal. Only select Group if you want to set the value of this attribute at a group level.

After creating the custom attribute, return to the Provisioning tab of the SCIM application and map the new attribute.

SCIM- Test - SecurityParameter

Attribute value: Same value for al... 1

1

Apply on: Create Create and update

Preview: Medona Lena

Save Cancel

Step 4: Enable Provisioning Settings

Navigate to Provisioning → To App, enable:

- Create Users
- Update User Attributes
- Deactivate Users

SCIM- Test

Active

General Sign On Provisioning Import Assignments Push Groups

Settings

To App

To Okta

Integration

okta →

Provisioning to App

Create Users Enable

Creates or links a user in SCIM- Test 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 SCIM- Test when the app is assigned. Future attribute changes made to the Okta user profile will automatically overwrite the corresponding attribute value in SCIM- Test.

Deactivate Users Enable

Deactivates a user's SCIM- Test 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 SCIM- Test password for each assigned user and pushes it to SCIM- Test.

Save

5 Assign Users

Navigate to the Assignments tab in the application and assign users for provisioning. Once assigned, Okta will begin provisioning users to Archer through SCIM.

6 Monitor Logs

Administrators can monitor provisioning activity using Okta logs.

Locations

- **Okta** → **Log**
View SCIM provisioning activity and errors.
- **Okta** → **Dashboard** → **Tasks**
Retry failed provisioning operations.

Once the configuration steps are completed, Okta will automatically manage Archer users through SCIM provisioning.

For additional information on supported attributes and schema details, refer to Archer SCIM Help Guide.