

OfficeSpace Software

Okta - SCIM configuration guide

Supported Features

Basic:

Okta/OfficeSpace SCIM integration currently supports the provision of Employees based on:

- **Creation of Users:** New users created in Okta will also be created in OfficeSpace.
- **Update User Attributes:** Updates made to a user's profile through Okta, will be pushed to OfficeSpace. Please refer to the **Configuration Steps** section for details related to mapping Okta and OfficeSpace attributes.
- **Deactivate Users:** Deactivating a user in Okta will deactivate that user in OfficeSpace.
- **ReActivate Users:** User accounts can be reactivated in Okta and this will be properly reflected in OfficeSpace.

Advanced:

- **Import user from OfficeSpace:** Import into Okta Employee records from OfficeSpace.
- **Attribute Level Mastering:** Retrieve customized attributes of Employee records into Okta.

Requirements

This Okta OfficeSpace app requires a valid OfficeSpace license. A user with Admin role in OfficeSpace is required in order to complete the integration. Alternatively, you can contact your OfficeSpace support representative to help you complete the integration.

Configuration Steps (Step-by-Step)

In OfficeSpace Software

1. Log in with an Admin account, then go to Settings->Connectors. On the Directory Synchronization section select Okta.

Directory Synchronization

[Active Directory](#)

Namely Configuration: [Host and Token](#) | [Fields](#)

[Okta](#)

2. Generate API Key

Okta provisioning

Please generate an API key to configure your integration.

Generate API key

3. Configure your mapping fields. The mapping will already show our suggested default configuration but you are welcome to modify it as needed.

Okta provisioning

Okta authorization key

edd1868aebd93d4b546a4a179670d9a8

Re-generate API key

Okta mapping

Username

EmployeeId

Name.givenname

FirstName

Name.familyname

LastName

In Okta

1. Enable the API Integration by adding the API Token generated earlier.

← Back to Applications

 OfficeSpace Software

Active    [View Logs](#)

General Sign On **Provisioning** Import Assignments

SETTINGS

API Integration

 OfficeSpace Software: Configuration Guide

Cancel

☒ Enable API integration

Enter your OfficeSpace Software credentials to enable user import and provisioning features.

API Token

Test API Credentials

Save

Advanced Features

Enabling Attribute Level Mastering (ALM)

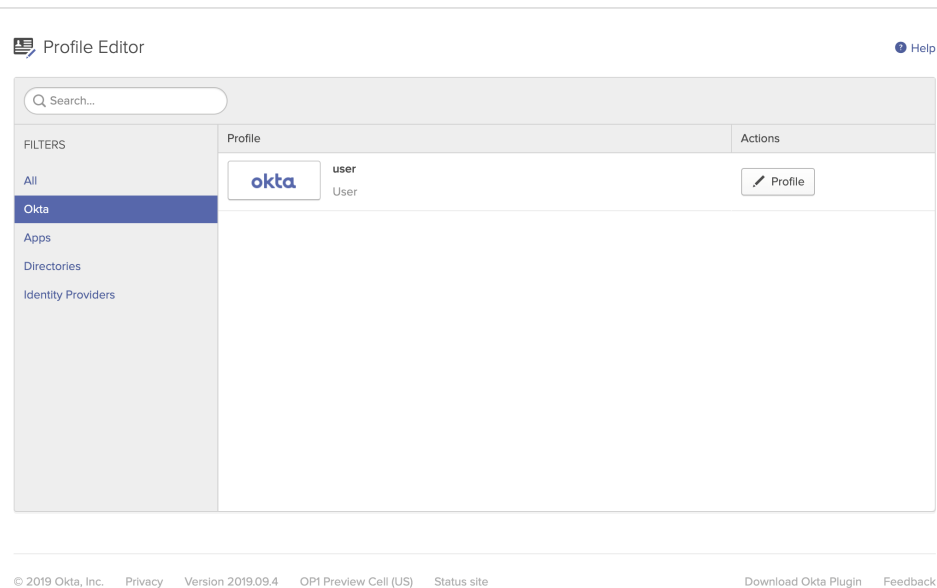
In OfficeSpace:

1. Contact customer service to update the SCIM mapping supporting ALM.
Eg. Site, Floor, Seat

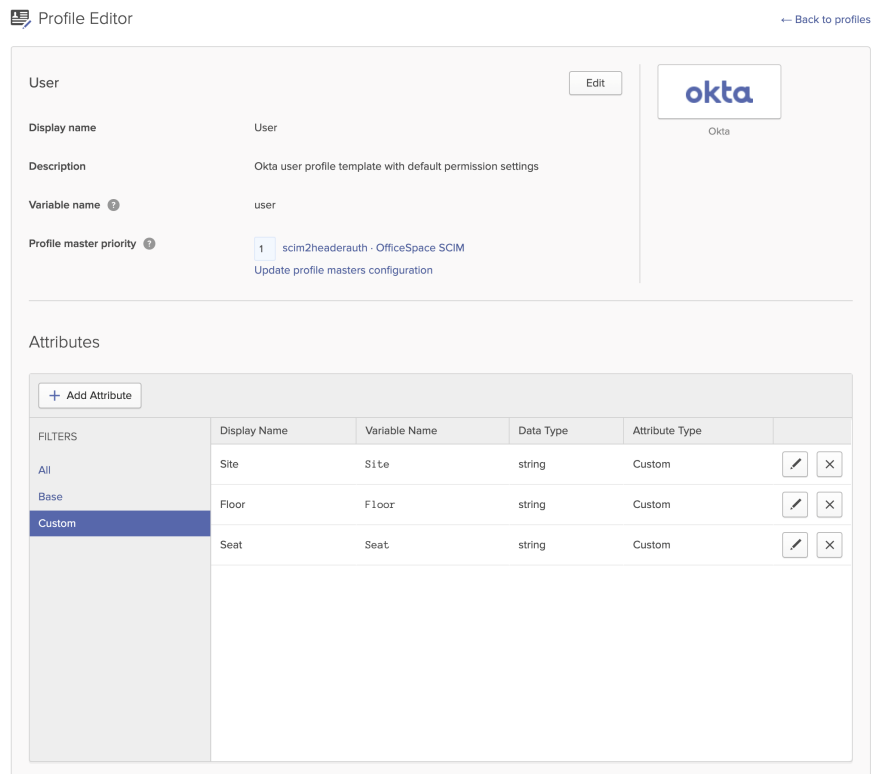
In Okta:

1. Enable Profile Master features in your app.
 - a. Contact Okta support
2. Create custom attributes on your Okta profile

On Profile Editor select Okta profile



Add the required attributes:



3. Update Okta Profile in order to set the attributes that are owned by Okta, and the ones that are going to be owned by OfficeSpace.

Sample of an attribute managed by Okta:

Postal Address	postalAddress	string	Base	 
Preferred language	preferredLanguage	string	Base	 
Manager Data type string Display name ? Manager Variable name ? user.manager Description Enum ☐ Define enumerated list of values Attribute required ☐ Yes User permission Read Only Master priority ? Inherit from Okta Save Attribute Cancel				
Seat	Seat	string	Custom	 

Sample of an attribute managed by OfficeSpace:

The screenshot displays the Okta Profile Editor interface for configuring a custom attribute named 'Site'. The attribute is managed by OfficeSpace. The configuration details are as follows:

Field	Value
Country code	countryCode
Postal Address	postalAddress
Data type	string
Display name	Site
Variable name	user.Site
Description	Site
Enum	☐ Define enumerated list of values
Attribute Length	Between min and max
Attribute required	☐ Yes
User permission	Read Only
Master priority	Inherit from profile master

At the bottom of the configuration panel, there is a list of profile masters. The first entry is 'scim2headerauth - OfficeSpace SCIM' with a priority of 1. A link 'Update profile masters configuration' is provided below the list.

Buttons at the bottom right: Save Attribute, Cancel

4. Map custom attributes in your Okta app. (App, Provisioning, To Okta)
Go to: Applications, select OfficeSpace App, Provisioning tab, To Okta, Profile Editor, and click on Mappings. Update the new attributes on "OfficeSpace SCIM to Okta".

OfficeSpace SCIM to Okta	Okta to OfficeSpace SCIM
Choose an attribute or enter an expression...	preferredLanguage language code
Choose an attribute or enter an expression...	locale locale
Choose an attribute or enter an expression...	timezone timezone
Choose an attribute or enter an expression...	userType string
Choose an attribute or enter an expression...	employeeNumber string
appuser.costCenter	costCenter string
appuser.organization	organization string
appuser.division	division string
appuser.department	department string
appuser.managerValue	managerId string
appuser.managerDisplayName	manager string
appuser.officespaceSite	Site string
appuser.officespaceFloor	Floor string
appuser.officespaceSeat	Seat string

Disabling Attribute Level Mastering (ALM)

In OfficeSpace, please contact customer service to update the SCIM mapping.

In Okta, disable Profile Master features. (OfficeSpaceApp, Provisioning, to Okta)

Profile & Lifecycle Mastering

☐ Allow SCIM 2.0 Test App (Header Auth) to master Okta users

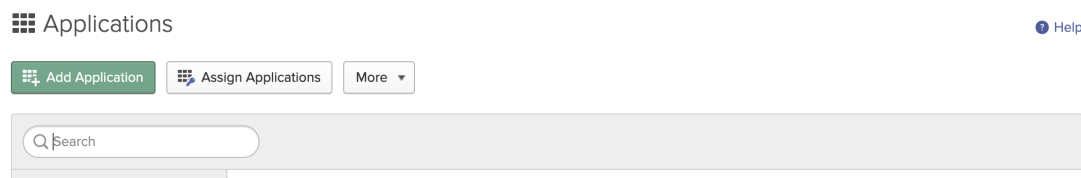
Migrating to an Updated Version of OfficeSpace

OfficeSpace has recently been updated to provide a better overall experience to Okta customers. Here is a summary of the changes:

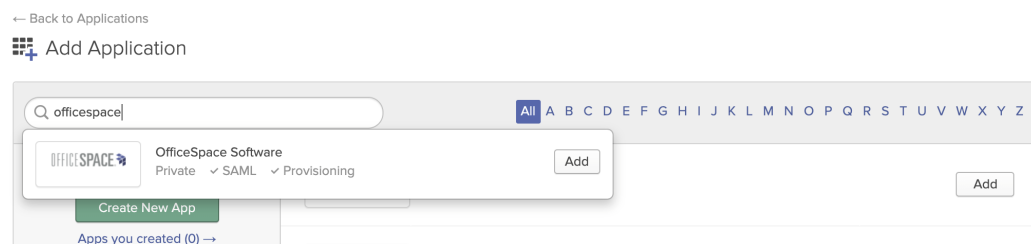
- Support Attribute Level Mastering (ALM)
 - New Fields: Seat, Floor, and Site

To take advantage of these updates, you have to add a new instance of OfficeSpace app in your Okta org. If you already have an existing instance of OfficeSpace, follow the steps below to migrate from that old instance to a newly updated instance of OfficeSpace:

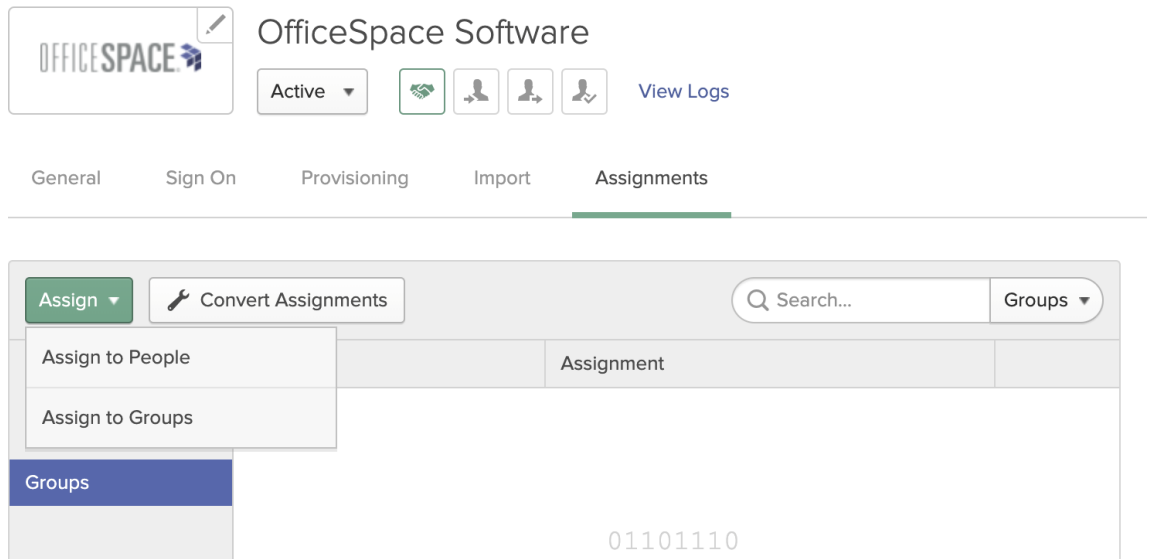
1. Login to your Okta org as an Admin
2. Open the Admin UI
3. Click on **Add Application**



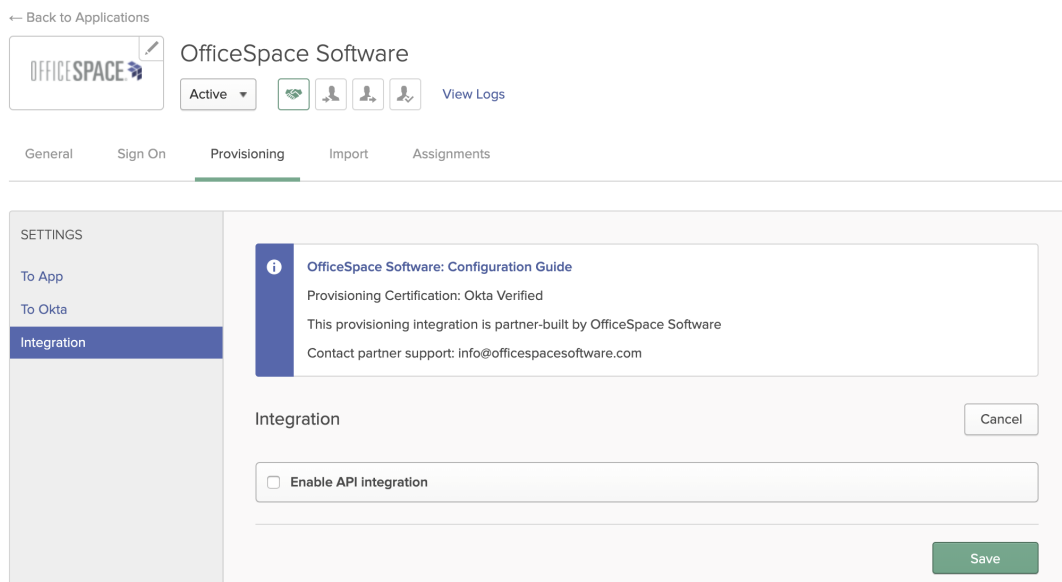
4. Add a new instance of OfficeSpace



5. Enable SCIM provisioning if your old OfficeSpace application instance was using it.
Note: Any customization on the OfficeSpace old application should be manually added and applied in this new installation. Eg. Mapping custom attributes.
6. Follow the steps to use Advanced features provided on this guide to enable ALM.
7. After SCIM Provisioning has been enabled, go to the Assignments tab of the new OfficeSpace app instance. Click **Assign**, and start assigning the same groups/users that are assigned to your old OfficeSpace instance. **Note!** Make sure you assign all the users to your new instance to avoid any accidental de-provisioning/loss of access for your users.



8. Go back to your Admin Dashboard.
9. Open your old OfficeSpace app instance. **Note!** This is the previews OfficeSpace app you added before adding a new one in step 4.
10. Go to the **Provisioning** tab.
11. On the **SETTINGS** section, click on API
12. Click on **Edit** and uncheck **Enable API Integration**. Click **Save**.
13. You can now deactivate or delete your old OfficeSpace application instance and continue using the new OfficeSpace app you added.



NOTE!

- If you were using SAML as the sign-on mode for your old OfficeSpace app instance, you will need to set up SAML on your new OfficeSpace app instance in Okta (recommended) or maintain the old OfficeSpace app instance to ensure that the SAML functionality continues to work.
- If you were using your old OfficeSpace app as a profile master for certain Okta attributes, you would need to set your OfficeSpace app as the profile master for the same attributes.

Known Issues/troubleshooting

- If you have a pre-existing OfficeSpace application that is fully populated, please contact support@officespacesoftware.com who will prepare your system for this new integration.