

## How to set up SCIM

Ester Andersson - 2024-09-06 - API, SAML, integrationer och allmänna inställningar

To follow the instructions below, ensure you've received the secret token from Learnifier.

1. Go to Azure and open Microsoft Entra ID.
2. Locate "Enterprise applications".

The screenshot shows the Microsoft Azure portal interface. At the top, there is a blue header with a hamburger menu icon and the text "Microsoft Azure". Below the header, the breadcrumb "Home >" is visible. The main heading is "Default Directory | C" with an information icon to its left. A navigation menu is displayed on the left side, containing the following items: "Overview" (highlighted), "Preview features", "Diagnose and solve problems", "Manage" (with a dropdown arrow), "Users", "Groups", "External Identities", "Roles and administrators", "Administrative units", "Delegated admin partners", and "Enterprise applications" (highlighted with a star icon).

1. Select "New application".

Home > Default Directory | Enterprise applications > Enterprise applications

**Enterprise applications** | All applications ...

Default Directory

◊ ◀ + New application ↻ Refresh ⬇ Download (Export) ⓘ Preview info ☰ Columns 📄 Preview features 🗨 Got feedback?

1. Create your own application, name the app, and select "Integrate any other application you don't find in the gallery (non-gallery)".

**Create your own application** ×

Got feedback?

If you are developing your own application, using Application Proxy, or want to integrate an application that is not in the gallery, you can create your own application here.

What's the name of your app?

✓

What are you looking to do with your application?

Configure Application Proxy for secure remote access to an on-premises application

Register an application to integrate with Microsoft Entra ID (App you're developing)

Integrate any other application you don't find in the gallery (Non-gallery)

**We found the following applications that may match your entry**  
We recommend using gallery applications when possible.

#### Manage → Provisioning:

1. Provisioning mode: "Automatic"
2. Admin credentials:
3. Tenant URL: "https://kund.learnifier.com/api/scim"
4. Secret token: "API key"
5. Test the connection.

Save Discard

Overview

Provision on demand

Manage

Provisioning

Users and groups

Expression builder

Monitor

Troubleshoot

Provisioning Mode

Automatic

Use Microsoft Entra to manage the creation and synchronization of user accounts in JK SCIM based on user and group assignment.

Admin Credentials

Admin Credentials

Microsoft Entra needs the following information to connect to JK SCIM's API and synchronize user data.

Tenant URL \*

This field is required.

Incorrect format

Secret Token

Test Connection

Mappings

Mappings

Mappings allow you to define how data should flow between Microsoft Entra ID and customappsso.

**Note:** If there is an error during synchronization, you can set up notifications for who should receive messages.

### Next step after saving:

1. Go to "Mappings".
2. Set up groups and users that you want to transfer.

Home > Enterprise applications | All applications > JK SCIM | Provisioning >

Attribute Mapping

Save Discard

Name

Provision Microsoft Entra ID Groups

Enabled

Yes No

Source Object

Group

Source Object Scope

All records

Target Object

urn:ietf:params:scim:schemas:core:2.0:Group

Target Object Actions

Create

Update

Delete

Attribute Mappings

Attribute mappings define how attributes are synchronized between Microsoft Entra ID and customappsso

customappsso Attribute	Microsoft Entra ID Attribute	Matching precedence	Edit	Remove
displayName	displayName	1	Edit	Delete
externalId	objectid		Edit	Delete
members	members		Edit	Delete

Add New Mapping

Show advanced options

## Attribute Mapping



Save Discard

### Name

Provision Microsoft Entra ID Users

### Enabled

Yes No

### Source Object

User

### Source Object Scope

All records

### Target Object

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

### Target Object Actions

Create

Update

Delete

### Attribute Mappings

Attribute mappings define how attributes are synchronized between Microsoft Entra ID and customappsso

customappsso Attribute	Microsoft Entra ID Attribute	Matching precedence	Edit	Remove
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## Attribute Mapping



Save Discard

### Attribute Mappings

Attribute mappings define how attributes are synchronized between Microsoft Entra ID and customappsso

customappsso Attribute	Microsoft Entra ID Attribute	Matching precedence	Edit	Remove
userName	userPrincipalName	1	Edit	Delete
active	Switch(\$isSoftDeleted), "False", "True", "false"		Edit	Delete
displayName	displayName		Edit	Delete
title	jobTitle		Edit	Delete
emails[type eq "work"].value	mail		Edit	Delete
preferredLanguage	preferredLanguage		Edit	Delete
name.givenName	givenName		Edit	Delete
name.familyName	surname		Edit	Delete
name.formatted	Join(" ", [givenName], [surname])		Edit	Delete
addresses[type eq "work"].formatted	physicalDeliveryOfficeName		Edit	Delete
addresses[type eq "work"].streetAddress	streetAddress		Edit	Delete
addresses[type eq "work"].locality	city		Edit	Delete
addresses[type eq "work"].region	state		Edit	Delete
addresses[type eq "work"].postalCode	postalCode		Edit	Delete
addresses[type eq "work"].country	country		Edit	Delete
phoneNumbers[type eq "work"].value	telephoneNumber		Edit	Delete
phoneNumbers[type eq "mobile"].value	mobile		Edit	Delete
phoneNumbers[type eq "fax"].value	facsimileTelephoneNumber		Edit	Delete
externalid	mailNickname		Edit	Delete
urn:ietf:params:scim:schemas:extension:enterprise:2.0:User.employeeNumber	employeeid		Edit	Delete
urn:ietf:params:scim:schemas:extension:enterprise:2.0:User.department	department		Edit	Delete
urn:ietf:params:scim:schemas:extension:enterprise:2.0:User.manager	manager		Edit	Delete

**Note: If you wish to set up more fields on a user, we first need to do it on our site.**

1. Activate (change from "Off" to "On").

- Overview
- Provision on demand
- Manage
  - Provisioning
  - Users and groups
  - Expression builder
- Monitor
  - Provisioning logs
  - Audit logs
  - Insights
- Troubleshoot

Provisioning Mode  
Automatic

Use Microsoft Entra to manage the creation and synchronization of user accounts in JK SCIM based on user and group assignment.

Admin Credentials

Mappings

Mappings allow you to define how data should flow between Microsoft Entra ID and custom apps.

Name	Enabled
Provision Microsoft Entra ID Groups	Yes
Provision Microsoft Entra ID Users	Yes

Restore default mappings

Settings

Send an email notification when a failure occurs

Prevent accidental deletion

Scope  
Sync only assigned users and groups

Provisioning Status  
On Off