

Setup Azure AD Synchronization

Create non-gallery App and set Provisioning Settings

1. Create non-gallery App

Create your own application. Integrate any other application you don't find in the gallery. Create

Home > 6ccdcn > Enterprise applications >
Browse Azure AD Gallery ...

+ Create your own application | Request new gallery app | Got feedback?

The Azure AD App Gallery is a catalog of thousands of apps that make it easy to deploy and configure single sign-on (SSO) and automate templates to connect your users more securely to their apps. Browse or create your own application here.

Search application [] Single Sign-on : All | User Account Management : All | Categories : ...

Cloud platforms

- Amazon Web Services (AWS)
- Google Cloud Platform

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?
XLEDGER-SCIM

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 Azure AD (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.

- xledger

2. Provision Settings

Click Provision User Accounts > Get Started

Fill in your token (from API Access Token screen) and use Tenant

URL <https://www.xledger.net/api/scim/v2>.

Administration Tools

- Entity
- Owner
- Organisation
- Objects
- Setup
- Delivery
- Notification
- Export
- System Access
- Scanning/Import
- Maintenance
- Support
- Balance Tables
- Server Jobs
- Classic Forms

- User Access
- Users
- External Certificates
- IP Whitelists
- Security level
- Web Service Access
- Import Definition Access
- API Access Tokens
- External Users
- User Consent
- Bank Account Login
- Export User Access Info
- Enquiry
- GraphQL
- User Login
- User Login Service
- User Access Options
- Access Request
- Menu Setup
- Access Log
- Quickmenus

My Messages

LAYOUT OPTIONS

NB! If you want to test in different environment beforehand replace with <https://demo.xledger.net/api/scim/v2> or <https://test.xledger.net/api/scim/v2>.

Click test Connection and Save.

Provisioning ...

 Save  Discard

Provisioning Mode

Automatic 

Use Azure AD to manage the creation and synchronization of user accounts in xscim-5 based on user and group assignment.

^ Admin Credentials

Admin Credentials

Azure AD needs the following information to connect to xscim-5's API and synchronize user data.

Tenant URL * 

<https://www.xledger.net/api/scim/v2> 

Secret Token

.....

Test Connection


If successful, Mappings and Settings tab should appear.

[Home](#) > [6ccdc](#) > [Enterprise applications](#) > [XLEDGER-SCIM](#) >


Provisioning ...


 Save  Discard

Provisioning Mode

Automatic 

Use Azure AD to manage the creation and synchronization of user accounts in XLEDGER-SCIM based on user and group assignment.

 Admin Credentials

 Mappings


Mappings

Mappings allow you to define how data should flow between Azure Active Directory and customappsso.

Name	Enabled
Provision Azure Active Directory Groups	Yes
Provision Azure Active Directory Users	Yes

Restore default mappings

 Settings

Provisioning Status 

On Off

Current SCIM-Xledger Mapping

SCIM User Attribute	(Xledger) > Users
displayName	Description
userName	Email
emails[type="work"].value	Email 2
phoneNumbers[type="work"].value	Mobile
active (true, false)	Locked (false, true) (and Date To = Today when Locked)
urn:ietf:params:scim:schemas:extension:xledger:2.0:User:accessFromDate	Date From (Also on Access roles)
urn:ietf:params:scim:schemas:extension:xledger:2.0:User:accessToDate	Date To (Also on Access roles)

SCIM Group Attribute	> User Group
displayName	User Group

SCIM Group Attribute	> User Group Members
members	(User ID/User Group, User Group Parent) tuple

Nb! Data Owner is determined from Owner of token in API Access Token

Under Mappings some of the default Users and Groups mapping needs to be changed or deleted. This is the mapping we recommend.

User

Target Object Actions

- Create
- Update
- Delete

Attribute Mappings

Attribute mappings define how attributes are synchronized between Azure Active Directory and customappsso

Azure Active Directory Attribute	customappsso Attribute	Matching precedence	Remove
userPrincipalName	userName	1	Delete
Switch([isSoftDeleted], "False", "True", "True", "False")	active		Delete
displayName	displayName		Delete
otherMails	emails[type eq "work"].value		Delete
telephoneNumber	phoneNumbers[type eq "work"].value		Delete

[Add New Mapping](#)

Show advanced options

We also support some extended attributes outside standard SCIM.

These can be added in customappsso attribute list:

urn:ietf:params:scim:schemas:extension:xledger:2.0:User:accessFromDate

urn:ietf:params:scim:schemas:extension:xledger:2.0:User:accessToDate

Map against e.g. on premise AD attributes:

otherMails	emails[type eq "work"].value	Delete
extensionAttribute1	urn:ietf:params:scim:schemas:extension:xledger:2.0:User:accessFromDate	Delete
extensionAttribute2	urn:ietf:params:scim:schemas:extension:xledger:2.0:User:accessToDate	Delete

[Add New Mapping](#)

Show advanced options

Supported Attributes

View and edit the list of attributes that appear in the source and target attribute lists for this application.

The attribute list for Azure Active Directory is up to date with all supported attributes. Request additional attributes you would like to see supported here.

[Edit attribute list for customappsso](#)

Group

Target Object Actions

- Create
- Update
- Delete

Attribute Mappings

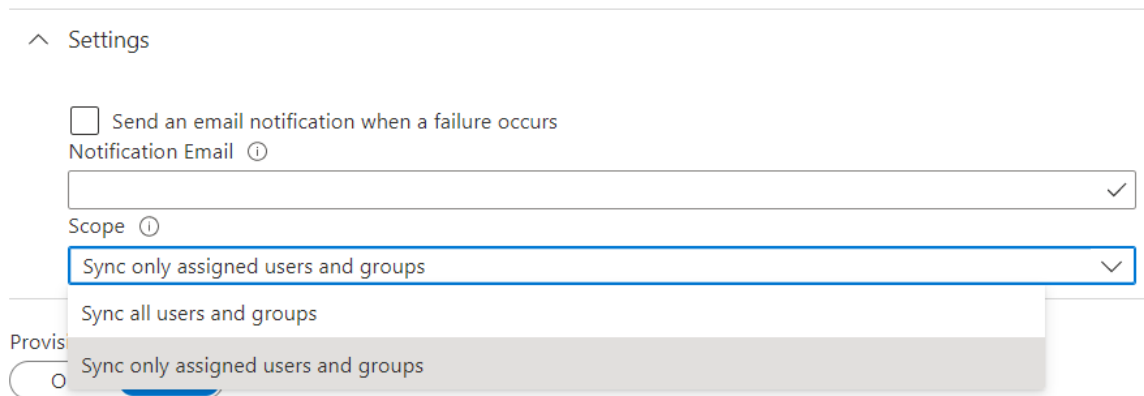
Attribute mappings define how attributes are synchronized between Azure Active Directory and customappsso

Azure Active Directory Attribute	customappsso Attribute	Matching precedence	Remove
displayName	displayName	1	Delete
members	members		Delete

[Add New Mapping](#)

Show advanced options

under Settings, carefully choose Scope. Syncing all option will likely sync some unwanted groups and maybe users. But only users in group with Group Menu Access setup will be fully onboarded into Xledger.



You can either sync all Users/Groups or use assignment based sync, which means that only Groups and Users you "cherry pick" will be synced.

It is also possible to further filter the scope. For that please read [Scoping Filters](#) for more advanced features. Other details like [Monitoring Provisioning](#) and many more can be found from Microsoft online.

You are now ready to start synchronization!

Start your first sync (Assignment based example)

Create assignments

Only assigned Users/Groups will be synced

Home > 6ccdcn > Enterprise applications > XLEDGER-SCIM

XLEDGER-SCIM | Users and groups ...

Enterprise Application

« + Add user/group Edit Remove Update Credentials Columns Got feedback?

i The application will appear for assigned users within My Apps. Set 'visible to users?' to no in properties to prevent this. →

First 200 shown, to search all users & groups, enter a display name.

Display Name	Object Type
No application assignments found	

Add Assignment

6ccdcms

Users and groups








None Selected

Select a role

User

Users and groups

Search

-  JoniS@6ccdcms.onmicrosoft.com
-  Lee Gu
LeeG@6ccdcms.onmicrosoft.com
-  Lidia Holloway
LidiaH@6ccdcms.onmicrosoft.com
-  Lynne Robbins
LynneR@6ccdcms.onmicrosoft.com
-  Managers-RND
-  Managers-Sales
-  Megan Bowen
MeganB@6ccdcms.onmicrosoft.com

Selected items

No items selected

Start- and monitor Provisioning

After the initial cycle is run it will look something like this

<< [Start provisioning](#) [Stop provisioning](#) [Restart provisioning](#) [Edit provisioning](#) [Provision on demand](#) | [Refresh](#)

Overview

- Deployment Plan
- Manage
 - Properties
 - Owners
 - Roles and administrators (Preview)
 - Users and groups
 - Single sign-on
 - Provisioning**
 - Application proxy
 - Self-service
 - Custom security attributes (preview)

Current cycle status

Initial cycle completed.

100% complete

Groups

2

[View provisioning logs](#)

Manage provisioning

- [Update credentials](#)
- [Edit attribute mappings](#)
- [Add scoping filters](#)
- [Provision on demand](#)

Statistics to date

- [View provisioning details](#)
- [View technical information](#)