

## Konfigurere SSO med SAML for KS læring

Logg på <https://portal.azure.com> med en bruker med tilstrekkelig rettigheter til å opprette Enterprise applikasjoner.

### Azure services



Create a resource



Azure Active Directory

### Azure Active Directory

- Overview
- Getting started
- Preview features
- Diagnose and solve problems
- Manage
  - Users
  - Groups
  - External Identities
  - Roles and administrators
  - Administrative units
  - Enterprise applications
  - Devices
  - App registrations
  - Identity Governance



## Enterprise applications | All applications

Østre Toten Kommune - Azure Active Directory

### Overview

- Overview
- Diagnose and solve problems

### Manage

- All applications
- Application proxy

+ New application

Columns

Preview features

Got feedback

Try out the new Enterprise Apps search preview! Click to enable the preview. →

Application type

Enterprise Applications

Applications status

Any

Applications

Any


First 50 shown, to search all of your applications, enter a display name or the application ID

Name

## Browse Azure AD Gallery ...

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

**i** You're in the new and improved app gallery experience. Click here to switch back to the legacy app gallery experience. →

 Search application

Single Sign-on : **All**

User Account Management : **All**

Categories : **All**

### Cloud platforms

## Create your own application




What's the name of your app?

KS Læring SSO

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)

 KS Læring SSO | Single sign-on ...

«  
Enterprise Application  
Overview  
Deployment Plan  
Manage  
Properties  
Owners  
Roles and administrators (Preview)  
Users and groups  
Single sign-on  
Provisioning  
Application proxy  
Self-service  
Security  
Conditional Access  
Permissions  
Token encryption  
Activity

Select a single sign-on method [Help me decide](#)



**Disabled**  
Single sign-on is not enabled. The user won't be able to launch the app from My Apps.



**SAML**  
Rich and secure authentication to applications using the SAML (Security Assertion Markup Language) protocol.



**Password-based**  
Password storage and replay using a web browser extension or mobile app.



**Linked**  
Link to an application in My Apps and/or Office 365 application launcher.

## KS Læring SSO | SAML-based Sign-on

Enterprise Application

Overview

Deployment Plan

Manage

Properties

Owners

Roles and administrators (Preview)

Users and groups

Single sign-on

Provisioning

Upload metadata file

Change single sign-on mode

Test this application

Got feedback?

### Set up Single Sign-On with SAML

Read the [configuration guide](#) for help integrating KS Læring SSO.

1

Basic SAML Configuration

Identifier (Entity ID)	Required
Reply URL (Assertion Consumer Service URL)	Required
Sign on URL	Optional
Relay State	Optional
Logout Url	Optional

Edit

## Basic SAML Configuration

Save

Identifier (Entity ID) \*

The default identifier will be the audience of the SAML response for IDP-initiated SSO

Default

<https://www.kslaring.no/auth/saml2/sp/metadata.php>

Reply URL (Assertion Consumer Service URL) \*

The default reply URL will be the destination in the SAML response for IDP-initiated SSO

Default

<https://www.kslaring.no/auth/saml2/sp/saml2-acps.php/www.kslaring.no>

Sign on URL

Enter a sign on URL

Relay State

Enter a relay state

Logout Url

<https://www.kslaring.no/auth/saml2/sp/saml2-logout.php/www.kslaring.no>

Identifier (Entity ID): <https://www.kslaring.no/auth/saml2/sp/metadata.php>

Reply URL (Assertion Consumer Service URL): <https://www.kslaring.no/auth/saml2/sp/saml2-acps.php/www.kslaring.no>

Logout Url: <https://www.kslaring.no/auth/saml2/sp/saml2-logout.php/www.kslaring.no>

Om du synker brukere fra on-prem AD, så må Azure AD Connect konfigureres slik at employeeNumber attributet blir synket til Azure AD før neste steg kan gjennomføres.

Dette er beskrevet i denne artikkelen:

<https://docs.microsoft.com/en-us/answers/questions/87509/how-do-i-sync-employee-number-attribute-from-onpre.html>

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### Set up Single Sign-On with SAML

Read the [configuration guide](#) for help integrating KS Læring SSO.

1

**Basic SAML Configuration**  
Identifier (Entity ID) `https://www.kslaring.no/auth/saml2/sp/metadata.php`  
Reply URL (Assertion Consumer Service URL) `https://www.kslaring.no/auth/saml2/sp/saml2-acss.php/www.kslaring.no`  
Sign on URL `Optional`  
Relay State `Optional`  
Logout URL `https://www.kslaring.no/auth/saml2/sp/saml2-logout.php/www.kslaring.no`

Edit

2

**User Attributes & Claims**  
givenname `user.givenname`  
surname `user.surname`  
emailaddress `user.mail`  
name `user.userprincipalname`  
Fødselsnummer `user.employeeNumber (extension_7e67ba912a3d_employeeNumber)`  
Unique User Identifier `user.userprincipalname`

Edit

## User Attributes & Claims

+ Add new claim + Add a group claim Columns

Required claim

Claim name	Value
Unique User Identifier (Name ID)	user.userprincipalname [nameid-for...]

Additional claims

Claim name	Value
<code>http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress</code>	user.mail
<code>http://schemas.xmlsoap.org/ws/2005/05/identity/claims/givenname</code>	user.givenname
<code>http://schemas.xmlsoap.org/ws/2005/05/identity/claims/name</code>	user.userprincipalname
<code>http://schemas.xmlsoap.org/ws/2005/05/identity/claims/surname</code>	user.surname

Save Discard changes

Name \*

Namespace

Source \* ☒ Attribute ☐ Transformation

Source attribute \*

App Federation Metadata Url må sendes over til KS.

Single sign-on

Provisioning

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Token encryption

3

SAML Signing Certificate

Edit

Status	Active
Thumbprint	[REDACTED]
Expiration	6/22/2024, 9:24:15 AM
Notification Email	[REDACTED]
App Federation Metadata Url	<a href="https://login.microsoftonline.com/5a237459-94b8...">https://login.microsoftonline.com/5a237459-94b8...</a>
Certificate (Base64)	<a href="#">Download</a>
Certificate (Raw)	<a href="#">Download</a>
Federation Metadata XML	<a href="#">Download</a>

## Legg til rettigheter til de som skal benytte SSO mot KS læring

Home > KS Læring SSO

### KS Læring SSO | Users and groups

Enterprise Application

« + Add user/group Edit Remove Update

**Overview**

Deployment Plan

**Manage**

Properties

Owners

Roles and administrators (Preview)

Users and groups

**Information**

The application will not appear for assigned users within

First 200 shown. To search all users & groups, enter a d

Display Name

No application assignments found

