

# Azure Active Directory SSO Integration

## Configure Azure Active Directory as SAML Identity Provider:

### Add an enterprise application

To add an enterprise application to your tenant:

1. Sign in to your Azure Account through the [Azure portal](#).
2. Select **Azure Active Directory**.
3. Select **Enterprise applications**.
4. Select **New application**.
5. Select **Create your own application**.
6. Name the application, and Create.

The screenshot shows the Microsoft Azure portal interface. At the top, there's a navigation bar with the Microsoft Azure logo and a search bar. Below the navigation bar, there's a 'Welcome to Azure!' section with three cards: 'Start with an Azure free trial', 'Manage Azure Active Directory', and 'Access student benefits'. Below these cards, there's a section for 'Azure services' with various icons. The 'Enterprise applications' icon is highlighted with a red box. Below the 'Azure services' section, there's a 'Navigate' section with icons for 'Subscriptions', 'Resource groups', 'All resources', and 'Dashboard'. Below the 'Navigate' section, there's a 'Tools' section. The main content area shows the 'Enterprise applications' page. The page has a header with 'Enterprise applications | All applications' and a sub-header 'App4Legal - Azure Active Directory'. Below the header, there's a '+ New application' button, which is highlighted with a red box. Below the '+ New application' button, there's a search bar and a table of applications. The table has columns for 'Name', 'Object ID', 'Application ID', 'Homepage URL', and 'Created on'. The table lists 16 applications, including 'SAML', 'App4Legal Enterprise', 'Staging Testing - Used', 'test-3', 'App4Legal SAML', 'SAP Analytics Cloud', 'azurephp.com', 'HubSpot Sales', and 'Azure AD New Enterprise App'.

Microsoft Azure

Welcome to Azure!

Don't have a subscription? Check out the following options.

Start with an Azure free trial  
Get \$200 free credit toward Azure products and services, plus 12 months of popular free services.  
[Start](#) [Learn more >](#)

Manage Azure Active Directory  
Manage access, set smart policies, and enhance security with Azure Active Directory.  
[View](#) [Learn more >](#)

Access student benefits  
Get free software, Azure credit, or access Azure Dev Tools for Teaching after you verify your academic status.  
[Explore](#) [Learn more >](#)

Azure services

Create a resource

Enterprise applications

App registrations

Users

Groups

Azure Active Directory

Azure AD Conditional...

Management groups

App Services

All services

Navigate

Subscriptions

Resource groups

All resources

Dashboard

Tools

Home > Enterprise applications

Enterprise applications | All applications

App4Legal - Azure Active Directory

+ New application

Refresh

Download (Preview)

Preview info

Columns

Preview features

Got feedback?

Want to switch back to the legacy Enterprise Apps search experience? Click to leave the preview. →

View, filter, and search applications in your organization that are set up to use your Azure AD tenant as their Identity Provider.

Search by application name or object ID

Application type == Enterprise Applications

Applications status == Any

Application visibility == Any

Add filters

16 applications found

Name	Object ID	Application ID	Homepage URL	Created on
SAML	016e295a-df92-4326-a3fe-ca2d6b63a77b	b52b2098-4651-4428-8dd6-428956a7d8e4		9/16/2019
App4Legal Enterprise	0c30156f-4602-41e1-bf2c-7b5ac31f46a6	bb8d9e02-cfd5-4d02-be16-f7f1875ea0cd	https://account.activedirectory.windowsazur...	3/14/2022
Staging Testing - Used	225bf539-5817-4252-a80d-37d07d0e01b3	33883c1d-70e9-404a-a016-3f7c153e759a		1/7/2021
test-3	3d320255-919b-47aa-b905-a90f8e872467	e23e3d4a-69c9-477c-9c7f-64230a7cebec		11/21/2019
App4Legal SAML	4165d0a6-035b-4ba8-87f7-97b3287d501e	9feef3df-5f00-45d7-a864-99e1e5dd00b6		10/10/2019
SAP Analytics Cloud	45fd9a4b-4041-45f8-b0e8-5a47a467c83f	e3fdaadc-74b7-41a4-a229-19253b5ac7e6	https://authn.hana.ondemand.com/saml2/sp...	3/14/2022
azurephp.com	4e87b041-bb31-4497-a1cf-72729b39f91d	396fd7c7-18c0-4370-9f61-cd67adb428d1		10/7/2019
HubSpot Sales	58f2f520-a516-4b42-9e29-d51092c12182	450987b3-a09a-4f14-9b2c-4f901d1e15f5		4/28/2021
Azure AD New Enterprise App	6f52a50c-4e57-4643-ac4b-df09663db46d	91bce3a3-cadd-4f78-a711-a12598e845c6	https://account.activedirectory.windowsazur...	3/14/2022

Microsoft Azure

Home > 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 automated user provisioning. When deploying an app from the gallery, you can create your own application here.

Search application

Single Sign-on: All | User Account Management: All | Categories: All

Cloud platforms

Amazon Web Services (AWS) | Google Cloud Platform | Oracle

On-premises applications

Add an on-premises application | Learn about Application Proxy | Manage Application Proxy

Federated SSO | Provisioning

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?

App4Legal

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-owners: developers)

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.

PEGA

Create

## Assign users and groups

Only the assigned users/groups will be able to sign in to this application.

Microsoft Azure

Home > Enterprise applications > Browse Azure AD Gallery > App4Legal | Overview

Overview

Deployment Plan

Manage

Properties

Owners

Roles and administrators

Users and groups

Single sign-on

Provisioning

Application proxy

Self-service

Custom security attributes (preview)

Security

Conditional Access

Permissions

Token encryption

Activity

Sign-in logs

Usage & Insights

Properties

Name: App4Legal

Application ID: 277b2728-df8f-4668-8c8a-d...

Object ID: 7d7bc653-0427-433a-a7df-8...

Getting Started

1. Assign users and groups

Provide specific users and groups access to the applications

Assign users and groups

2. Set up single sign on

Enable users to sign into their application using their Azure AD credentials

Get started

3. Provision User Accounts

Automatically create and delete user accounts in the application

Get started

4. Conditional Access

Secure access to this application with a customizable access policy.

Create a policy

5. Self service

Enable users to request access to the application using their Azure AD credentials

Get started

Home > Enterprise applications > App4Legal Enterprise

App4Legal | Users and groups

Overview | Deployment Plan | Manage | Properties | Owners | Roles and administrators | Users and groups | Single sign-on | Provisioning | Application proxy | Self-service | Custom security attributes (preview) | Security | Conditional Access | Permissions | Token encryption

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

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	Role assigned
<input type="checkbox"/>	MM Mike M...@m...@m...	User	User
<input type="checkbox"/>	OS Omar Saadiyeh	User	Default Access
<input type="checkbox"/>	OS Omar Saadiyeh	User	User
<input type="checkbox"/>	YA Youssef A. Saadiyeh	User	User

## Setup Single sign-on

Microsoft Azure | Search resources, services, and docs (G+I)

Home > Enterprise applications > Browse Azure AD Gallery >

App4Legal | Overview

Overview | Deployment Plan | Manage | Properties | Owners | Roles and administrators | Users and groups | Single sign-on | Provisioning | Application proxy | Self-service | Custom security attributes (preview) | Security | Conditional Access | Permissions

**Properties**

Name App4Legal [Copy to clipboard](#)

Application ID 277b2728-df8f-4668-8c8a-d...

Object ID 7d7bc693-0427-433a-a7df-8...

**Getting Started**

- 1. Assign users and groups**  
Provide specific users and groups access to the applications  
[Assign users and groups](#)
- 2. Set up single sign on**  
Enable users to sign into their application using their Azure AD credentials  
[Get started](#)
- 3. Provision User Accounts**  
Automatically create and delete user accounts in the application  
[Get started](#)
- 4. Conditional Access**
- 5. Self service**  
Enable users to request access to the

Microsoft Azure

Home > Enterprise applications > Browse Azure AD Gallery > App4Legal

App4Legal | Single sign-on

Overview

Deployment Plan

Manage

Properties

Owners

Roles and administrators

Users and groups

Single sign-on

Provisioning

Application proxy

Self-service

Custom security attributes (preview)

Security

Conditional Access

Permissions

Token encryption

Activity

Sign-in logs

Usage & insights

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.

## Basic SAML Configuration

1. Select **Edit**.
2. Setup the below and Save.

Identifier (Entity ID)	<a href="https://site.app4legal.com/xxxx/">https://site.app4legal.com/xxxx/</a>
Reply URL (Assertion Consumer Service URL)	<a href="https://site.app4legal.com/xxxx/saml/www/module.php/saml/sp/saml2-acis.php/app4legal-azure_ad">https://site.app4legal.com/xxxx/saml/www/module.php/saml/sp/saml2-acis.php/app4legal-azure_ad</a>
Sign on URL	<a href="https://site.app4legal.com/xxxx/users/login_idps/azure_ad/">https://site.app4legal.com/xxxx/users/login_idps/azure_ad/</a>

Microsoft Azure

Home > Enterprise applications > Browse Azure AD Gallery > App4Legal

App4Legal | SAML-based Sign-on

Overview

Deployment Plan

Manage

Properties

Owners

Roles and administrators

Users and groups

Single sign-on

Provisioning

Application proxy

Self-service

Custom security attributes (preview)

Security

Conditional Access

Permissions

Token encryption

Activity

Sign-in logs

Usage & insights

Audit logs

Provisioning logs

Access reviews

Set up Single Sign-On with SAML

An SSO Implementation based on federation protocols improves security, reliability, and end user experiences and is easier to implement. Choose SAML single sign-on whenever possible for existing applications that do not use OpenID Connect or OAuth. [Learn more](#)

Read the [configuration guide](#) for help integrating App4Legal.

1 [Edit](#)

**Basic SAML Configuration**

Identifier (Entity ID)

Reply URL (Assertion Consumer Service URL)

Sign on URL (Optional)

Relay State (Optional)

Logout URL (Optional)

**Attributes & Claims**

Fill out required fields in Step 1

givenname	user.givenname
surname	user.surname
emailaddress	user.mail
name	user.userprincipalname
Unique User Identifier	user.userprincipalname

**SAML Signing Certificate**

Fill out required fields in Step 1

Status	Active
Thumbprint	8D2D57A33960E3FF9DAF6F18D824D6D95CC7
Expiration	1/31/2027, 1:06:14 AM
Notification Email	omar.saadiyeh@app4legaldev.onmicrosoft.com
App Federation Metadata URL	<a href="https://login.microsoftonline.com/62843e41-5c41...">https://login.microsoftonline.com/62843e41-5c41...</a>
Certificate (Base64)	<a href="#">Download</a>
Certificate (Raw)	<a href="#">Download</a>
Federation Metadata XML	<a href="#">Download</a>

## Obtain Federation Metadata XML

1. Go to **SAML Signing Certificate**.
2. Download **Federation Metadata XML** (to be imported as Metadata File at App4Legal).



- ### 3. Add the Following Permission.

 Refresh |  Got feedback?

**i** Successfully granted admin consent for the requested permissions.

### Configured permissions

Applications are authorized to call APIs when they are granted permissions by users/admins as part of the consent process. The list of configured permissions should include all the permissions the application needs. [Learn more about permissions and consent](#)

+ Add a permission ✓ Grant admin consent for App4Legal

API / Permissions name	Type	Description	Admin consent requ...	Status	
Microsoft Graph (5)					**
Directory.Read.All	Application	Read directory data	Yes	✔ Granted for App4Legal	**
User.Read	Delegated	Sign in and read user profile	No	✔ Granted for App4Legal	**
User.Read.All	Delegated	Read all users' full profiles	Yes	✔ Granted for App4Legal	**
User.Read.All	Application	Read all users' full profiles	Yes	✔ Granted for App4Legal	**
User.ReadBasic.All	Delegated	Read all users' basic profiles	No	✔ Granted for App4Legal	**

- 4. Don't forget to grant admin consent for these permissions.**

## Configure App4Legal as SAML Service Provider

## Enable SSO in App4Legal

1. Sign in to your App4Legal instance [App4legal](#).
2. Go to the **Settings Single Sign On Setup**.
3. Select **Azure Active Directory**
4. Paste **Client ID & Client Secret** (copied before from Azure AD).
5. Upload **Metadata File** (downloaded before from Azure AD).
6. Click Save

App4Legal

Dashboard ▾ Companies Contacts Matters ▾ Tasks Contracts ▾ Money Docs ▾ Add ▾

Universal Search 🔍

61 7

Settings / Single Sign On Configuration

☐ None

☒ Azure Active Directory ⓘ

☐ 1 Oneligin ⓘ

Configuration

Client ID\*

Client secret\*

Metadata File

Choose File No file chosen

Save



## Import Users from Azure AD to App4Legal

1. Go to the **Settings Users & Permissions Import Users from Azure Active Directory**.
2. Look up the users and choose the appropriate User Group.

### Import Users from Azure Active Directory

Users to import \*

Crane Search (crane@app4legaldev.onmicrosoft.com)

Start typing to select from possible matches.

User Group\*

None

None

Accountant

Accountant-read-only

Administrator

Checkers

Head Of Legal

Lawyers

Makers

new accountant

Secretary

System Administrator