

Using the Puzzel Entra ID (Azure AD) Gallery application

This article describes how to configure single sign-on (SSO) to Puzzel by installing the Puzzel app from the Entra Gallery. If you prefer a manual setup of SSO, please refer to **this guide**.

Step 1 - Find and add Puzzel application from Entra Gallery

Note

For this step you need access to your company's Microsoft Entra ID (Azure Active Directory) in the Azure portal including access to give administrative consent for the Azure tenant. If you are not an IT administrator for your company you would typically need help from one in order to complete this step.
See [What is application management? - Microsoft Entra ID](#) for more details on managing Entra ID apps.

To configure the integration of Puzzel into Entra ID for Single Sign-On, you need to add Puzzel from the gallery to your list of managed SaaS apps.

Log on to Entra ID portal and in the left side menu, select "Enterprise applications".

The screenshot shows the Microsoft Azure portal interface for the 'Development Puzzel' application in the Microsoft Entra ID section. The left sidebar contains a navigation menu with 'Enterprise applications' highlighted. The main content area displays the application's overview, including basic information, alerts, and a my feed.

Basic information			
Name	Development Puzzel	Users	250
Tenant ID	xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx	Groups	17
Primary domain	devpuzzel.com	Applications	60
License	Microsoft Entra ID Free	Devices	3

Alerts

- Microsoft Entra Connect v1 Retirement**
All version 1.x builds of Microsoft Entra Connect (formerly AAD Connect) will soon stop working between October 2023 – March 2024. You must move to Cloud Sync or Microsoft Entra Connect v2.x.
[Learn more](#)
- Azure AD is now Microsoft Entra ID**
Microsoft Entra ID is the new name for Azure Active Directory. No action is required from you.
[Learn more](#)

My feed

- Try Microsoft Entra admin center**
Secure your identity environment with Microsoft Entra ID, permissions management and more.
[Go to Microsoft Entra](#)
- c2bb72d3-307c-4d4c-a652-2331df3aa6ed**
Global Administrator
[View role information](#)

On the next screen, click "New application":

Microsoft Azure Search resources, services, and docs

Home > Development Puzzel | Enterprise applications > Enterprise applications

Enterprise applications | All applications

Development Puzzel - Microsoft Entra ID

+ New application
Refresh
Download (Export)
Preview info
Columns
Preview features
Got

Overview

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

Diagnose and solve problems The list of applications that are maintained by your organization are in [application registrations](#).

Manage

Application type == Enterprise Applications
Application ID starts with

64 applications found

Name	Object ID	Application ID
FO FoMe	000111677-1e5c-42b1-8260-31572d36925f	415558701-2051-4100-b201-9f207165005b
PO Puzzel Office 365 Connector	00000000-0000-1000-1000-1077f1e27f00	700011207-4510-1500-b010-00074011f000
AA Azure AD B2C App	10000001-5b50-47e0-b200-0001e2d1f0d1	000174170-700b-4100-b000-2d01072017e5
MT Microsoft Teams	100000770-f0a7-1000-0000-f01000010011	00100000f-4000-1700-b001-100000000010

In the search bar, search for “Puzzel” and you should find this app from Puzzel AS:

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

Home > Development Puzzel | Enterprise applications > Enterprise applications | All applications >

Browse Microsoft Entra Gallery

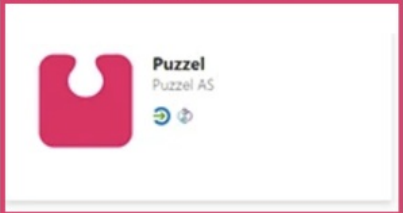
+ Create your own application
Got feedback?

The Microsoft Entra 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 other organizations to discover and use, you can file a request using the process described in [this article](#).

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

Federated SSO
Provisioning

Showing 1 of 1 results



Puzzel
Puzzel AS

Federated SSO Provisioning

Click on the search result and you should see a screen on the right where you can choose to “Sign up for Puzzel”:

Browse Microsoft Entra Gallery

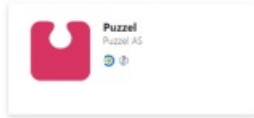
+ Create your own application | [Got feedback?](#)

The Microsoft Entra 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 de securely to their apps. Browse or create your own application here. If you are wanting to publish an application you have developed into the Microsoft Entra Gallery for other article.

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

[Federated SSO](#) [Provisioning](#)

Showing 1 of 1 results



A card for the 'Puzzle AS' application. It features the red puzzle logo on the left and the text 'Puzzle AS' on the right.



A modal window titled 'Puzzle' showing details for the application. It includes a 'Got feedback?' link, a search bar with 'Puzzle' entered, and a list of attributes: Publisher (Puzzle AS), Provisioning (Automatic provisioning supported), Single Sign-On Mode, URL (https://www.puzzle.com/), and Linked Sign-on (OpenID Connect-based Sign-on). A description at the bottom states: 'This application is an identity provider created for Puzzle customers, to allow them to synchronise users through Microsoft Entra ID and seamlessly manage them in the Puzzle platform and/or apps.' A red box highlights the 'Sign up for Puzzle' button at the bottom.

Step 2 - Onboarding SSO identity

Note

For the next step you need a Puzzel ID user with admin role to be able to complete the onboarding process.

When clicking "Sign up for Puzzel", you are taken to the screen shown below. Click "Start Onboarding" to start the process.

Onboard Single Sign-On (SSO) identity

Onboarding instructions

Onboarding Single Sign-On (SSO) identity provider is the process of an administrator granting consent to the Azure AD application in its tenant.

First, you need to sign-in to Puzzel Id with an administrator account. That will redirect you to the next phase of the process where you confirm the customer to be onboarded. The final step is to sign-in and grant consent with an [Azure AD administrator account](#) from the Azure tenant you want to onboard. Once the tenant administrator signs in and consents to the app's requested permissions, this application's service principle is provisioned into the tenant.

Click the button below to initiate the process.

Start Onboarding

Next, verify that the customer name is correct (this is shown) right above the "Onboard SSO" button, click this button to continue the process.

Onboard Single Sign-On (SSO) identity

Onboarding

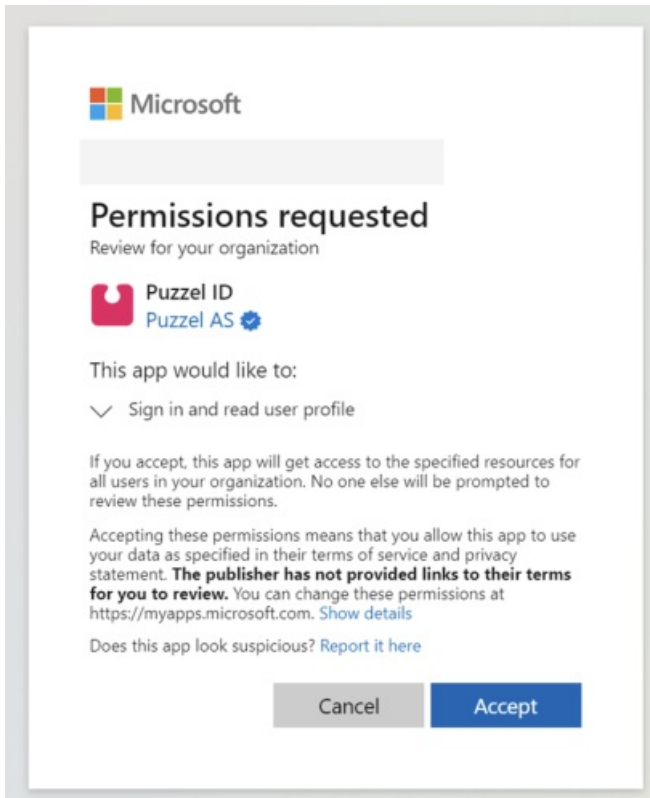
In this step confirm the customer to be onboarded. Afterwards, you will be asked to sign-in and grant consent with an [Azure AD administrator account](#) from the Azure tenant you want to onboard. Once the tenant administrator signs in and consents to the app's requested permissions, this application's service principle is provisioned into the tenant.

Click the button below to continue the process.

Puzzel AS

Onboard SSO

Next you will be asked to sign-in and grant consent with an Entra ID (Azure AD) administrator account from the Azure tenant you want to onboard.



Once accepted, the applications' service principle is now provisioned into the tenant and you should see the "onboarding completed" page:

Onboard Single Sign-On (SSO) identity

Onboarding Completed

The Single Sign-On (SSO) identity provider has been successfully onboarded with Puzzel Id.

You can close this window now.

Step 3 - Managing an onboarded identity provider

After initial configuration, a connection can be disabled / enabled in the Organisation Settings portal. Choose the "Configure" option in the Single Sign-On option.

Search and view access log

[View](#)


Configure customer settings

[Configure](#)

Manage rules for auto provisioning users

[Configure](#)

Event Log



Search and view event log

[View](#)

Security


Single Sign-On



Configure Single Sign-on for your organisation

[Configure](#)

Visitor SSO




Configure Single Sign-on for consumer

[Configure](#)

Next you should find the configured connection looking similar to the below screenshot, from this view, choose the “edit” icon.


Organisation Settings



[Home](#) [↔](#) Current customer: Puzzel AS

Single Sign-on

[+ Add](#)

Enabled	Display name	Type	Tenant
<input type="radio"/> No	Microsoft Entra ID	OIDC	

From the next screen it is possible to disable / enable the SSO connection. It is also possible to change which external id claim to use (e.g., change to use "udp").

The screenshot shows a configuration panel for an external ID claim. It includes the following elements:

- External id claim:** An empty text input field.
- Response type:** A dropdown menu currently set to "code".
- Scopes:** A container with three buttons labeled "email x", "profile x", and "openid x".
- Authorized Azure Tenant Id's:** An empty text input field.
- Checkboxes:** Two checked checkboxes: "Get claims from Userinfo endpoint" and "Use PKCE".
- Toggle:** A toggle switch currently set to "Disabled".
- Buttons:** "Cancel" and "Save" buttons.

Step 4 - Configure externalid for your users that are to use the SSO configuration

By default, the provider configuration behind the Puzzel Entra ID application uses the `oid` claim as external id claim to map the user to Puzzel ID.

This means that each user that is to use the configured SSO connection will need their respective Entra ID `objectid` added to their externalid field. Or if you changed External id claim to e.g. `upn` then you need to add `UserPrincipalName` from Azure (typically email address).

See the chapter ["Validate users using external id"](#) for more information.