

SSO implementation in zebrix with Azure AD

Save zebrix metadata in a file

1. Surf on <https://auth.zebrix.net/metadata>
2. Right click and save the file to a file with .xml extension



In the Azure AD admin center, add a new app

Last update: 2021/03/18 en:sso_implementation_azuread https://documentation.zebrix.net/doku.php?id=en:sso_implementation_azuread&rev=1616056471 09:34

The screenshot shows the Azure Active Directory admin center with the 'Enterprise applications' page. A blue box labeled '1' highlights the 'Enterprise applications' link in the left sidebar. A blue box labeled '2' highlights the '+ New application' button in the top right corner of the main content area. The main content area displays a grid of application cards with columns for Name and Homepage URL.

Create a new app using these options and call it zebrix

The screenshot shows the 'Create your own application' dialog box. A blue box labeled '1' highlights the '+ Create your own application' button in the top left of the dialog. A blue box labeled '2' highlights the 'What's the name of your app?' input field, which contains 'zebrix'. A blue box labeled '3' highlights the 'Integrate any other application you don't find in the gallery (Non-gallery)' radio button, which is selected.

zebrix overview

Azure Active Directory admin center

Dashboard > Enterprise applications > **zebrix | Overview** Enterprise Application

Properties

- Overview
- Deployment Plan
- Manage
 - Properties
 - Owners
 - Roles and administrators (Preview)
 - Users and groups
 - Single sign-on
 - Provisioning
 - Application proxy
 - Self-service
- Security

Getting Started

- 1. Assign users and groups** 1
Provide specific users and groups access to the applications
[Assign users and groups](#)
- 2. Set up single sign on** 2
Enable users to sign into their application using their Azure AD credentials
[Get started](#)

Choose which groups/users will be allowed to login

Azure Active Directory admin center

Dashboard > Enterprise applications > **zebrix** Enterprise Application

zebrix | Users and groups

- Overview
- Deployment Plan
- Manage
 - Properties
 - Owners
 - Roles and administrators (Preview)
 - Users and groups**
 - Single sign-on

+ Add user/group

The application will appear on the Access Panel for assigned users. Set 'visible to users?' to no if you do not want users to see this application in the Access Panel.

First 100 shown, to search all users & groups, enter a display name.

Display Name	Object Type
No application assignments found	

Set up single sign-on : choose SAML

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The screenshot shows the Azure Active Directory admin center with the URL https://aad.portal.azure.com/#blade/Microsoft_AAD_B2B/EnterpriseApplications/EnterpriseApplicationListBlade/~/appDetail?p_aadAppId=zebrix. The left sidebar shows 'Enterprise applications' selected. The main content area shows the 'zebrix | Single sign-on' page under 'Enterprise Application'. The 'Single sign-on' section is highlighted. It lists four methods: 'Disabled' (disabled), 'SAML' (selected and highlighted with a blue border), 'Password-based', and 'Linked'. The 'SAML' method is described as 'Rich and secure authentication to applications using the SAML (Security Assertion Markup Language) protocol.'

Upload previously downloaded file to portal

The screenshot shows the 'zebrix | SAML-based Sign-on' page under 'Enterprise Application'. The 'Single sign-on' section is highlighted. A 'Upload metadata file' button is highlighted with a blue box. A file upload dialog is open, showing a file named 'zebrix.xml' in the 'Downloads > metadata' folder. The dialog has 'Open' and 'Cancel' buttons.

Save the basic SAML configuration

The screenshot shows the Azure Active Directory admin center with the following details:

- Left sidebar:** Shows navigation sections like Dashboard, All services, FAVORITES (Azure Active Directory, Users), and Enterprise applications.
- Top navigation bar:** Includes icons for Home, Notifications (6), Settings, Help, and Logout.
- Current location:** Dashboard > Enterprise applications > zebrix > Overview.
- Page title:** zebrix | SAML-based Sign-on
- Section:** Basic SAML Configuration
- Buttons:** Save (highlighted with a blue box).
- Form fields:**
 - Identifier (Entity ID) ***: https://auth.zebrix.net (Default checked)
 - Reply URL (Assertion Consumer Service URL) ***: https://auth.zebrix.net/sso/postResponse (Default checked)
 - Sign on URL**: Enter a sign on URL
 - Relay State**: Enter a relay state
 - Logout Url**: https://auth.zebrix.net/sso/logout
- Help text:** The default identifier will be the audience of the SAML response for IDP-initiated SSO; The default reply URL will be the destination in the SAML response for IDP-initiated SSO.
- Side panel (Basic SAML Configuration):**
 1. Basic SAML Configuration: Identifier (Entity ID), Reply URL (Assertion Consumer Service URL), Sign on URL, Relay State, Logout Url.
 2. User Attributes & Claims: giveName, surName, emailAddress, name, Unique User Identifier.
 3. SAML Signing Certificate: Status, Thumbprint, Expiration, Notification Email, App Federation Metadata Url, Certificate (Base64), Certificate (Raw), Federation Metadata XML.

Skip SSO login test

Test single sign-on with zebrix

To ensure that single sign-on works for your application,
to test now?

Yes

No, I'll test later

Identifier (Entity ID)

No, I'll test later

http|

Edit User attributes and claims

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Azure Active Directory admin center

Dashboard > Enterprise applications > zebrix CMS >

zebrix CMS | SAML-based Sign-on

Enterprise Application

Overview Deployment Plan

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 zebrix CMS.

Basic SAML Configuration

Identifier (Entity ID)	https://auth.zebrix.net
Reply URL (Assertion Consumer Service URL)	https://auth.zebrix.net/sso/postResponse
Sign on URL	https://cms.zebrix.net/cn/customername
Relay State	Optional
Logout Url	https://auth.zebrix.net/sso/logout

User Attributes & Claims

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

1 Edit

2 Edit

Edit user attributes & claims

Properties Owners Roles and administrators (Preview) Users and groups Single sign-on Provisioning Application proxy Self-service Security Conditional Access Permissions Token acquisition

Add a new claim

Azure Active Directory admin center

Dashboard > Enterprise applications > zebrix > SAML-based Sign-on >

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
http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress	user.mail ***
http://schemas.xmlsoap.org/ws/2005/05/identity/claims/givenname	user.givenname ***
http://schemas.xmlsoap.org/ws/2005/05/identity/claims/name	user.userprincipalname ***
http://schemas.xmlsoap.org/ws/2005/05/identity/claims/surname	user.surname ***

The screenshot shows the 'Manage claim' page in the Azure Active Directory admin center. The 'Name' field contains 'displayname' (step 1). In the 'Source attribute' dropdown, 'user.displayname' is selected (step 2). The 'Save' button is highlighted (step 3).

1. Use **displayname** as name
2. In the name space field please copy / paste the following namespace
<http://schemas.xmlsoap.org/ws/2005/05/identity/claims>
3. In the dropdown list, select the value **user.displayname**
4. Press the **Save** button

Copy the "App Federation Metadata URL" and send it to support@zebrix.net

The screenshot shows the 'zebrix | SAML-based Sign-on' page in the Azure Active Directory admin center. The 'App Federation Metadata Url' link is highlighted (step 3).

Our Technical team will implement your settings on zebrix side and activate to SSO on your account

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