

User Guide

CONFIGURING A SAML PROVIDER APPLICATION IN AZURE

VERSION 1.0

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1.0 OVERVIEW

This article describes how to create a Fortanix Application in Azure Active Directory for SAML authentication.

2.0 PREREQUISITES

Configuring Single Sign-On (SSO) to use Microsoft Azure Active Directory (AD) as a Security Assertion Markup Language Identity Provider (SAML IdP) requires Active Directory Premium. You must sign in to Fortanix Data Security Manager (DSM) as an Administrator and to the Azure portal using your Azure Active Directory administrator account. This process requires you to create a non-gallery application in Azure.

For a more detailed explanation on configuring SAML in Azure AD, see the Microsoft documentation:

[Configure single sign-on to applications that are not in the Azure Active Directory application gallery](#)

3.0 CREATING A FORTANIX APPLICATION IN AZURE AD

Sign in to Fortanix UI as an administrator, and in a separate window, sign into Azure Active Directory as an administrator. To create a Fortanix application, follow the steps below:

1. Navigate to **Azure Active Directory > Enterprise applications**.

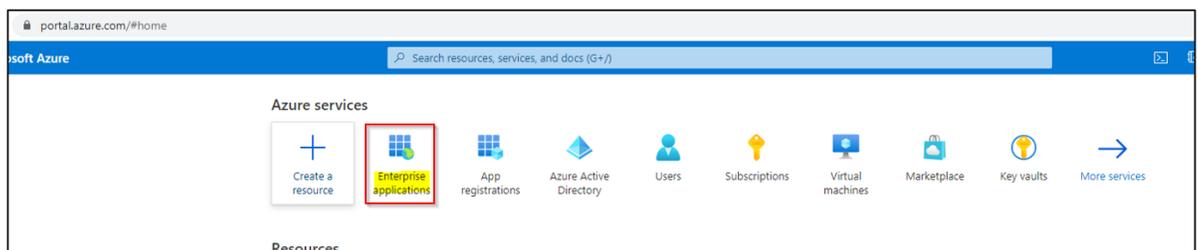


FIGURE 1: NAVIGATE TO ENTERPRISE APPLICATIONS

2. Click **New application**.

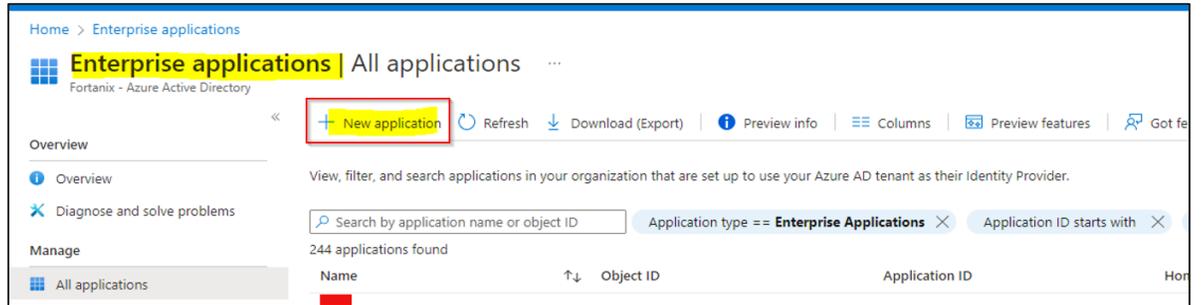


FIGURE 2: CLICK NEW APPLICATION

3. Click **Create your own application**.

This opens the **Create your own application** pane.

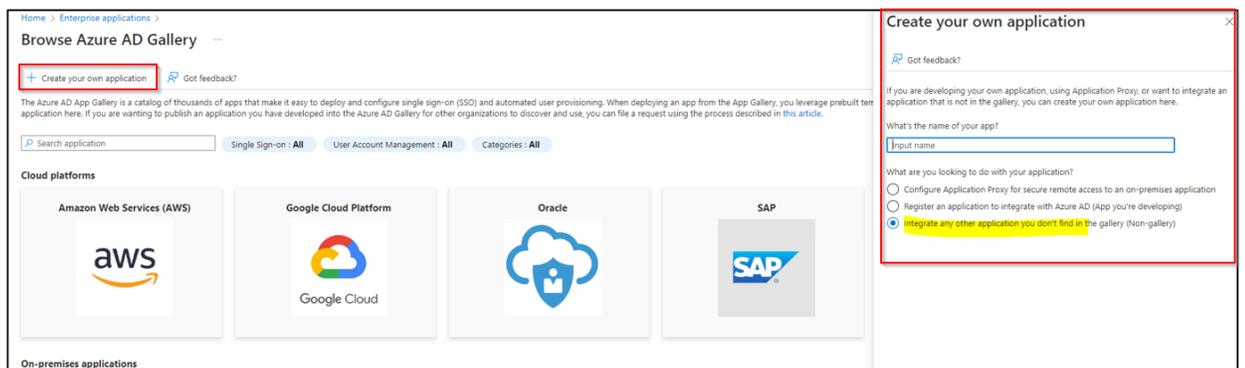


FIGURE 3: CLICK CREATE YOUR OWN APPLICATION

4. Enter a name for your new app.
Ensure **Integrate any other application you don't find in the gallery** is selected.
5. Click **Create**.
When the application's **Overview** page displays, the application is created.

- Click **Users and groups**.

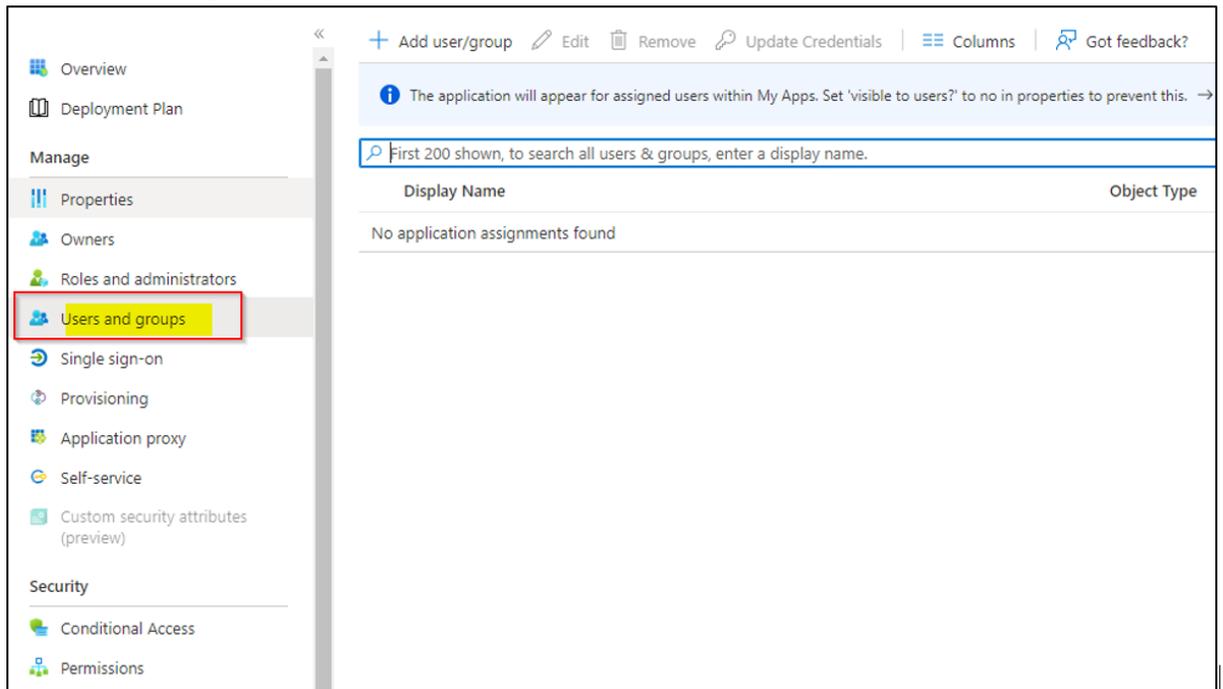


FIGURE 4: CLICK USERS AND GROUPS

- Click **+Add user/group**. Highlight your choice in the search bar, click **Select**, and then click **Assign**.
Repeat as necessary to add users/groups.
- Click **Single sign-on**.

9. Select the **SAML** tile.

This opens the **Set up Single Sign-On with SAML** page.

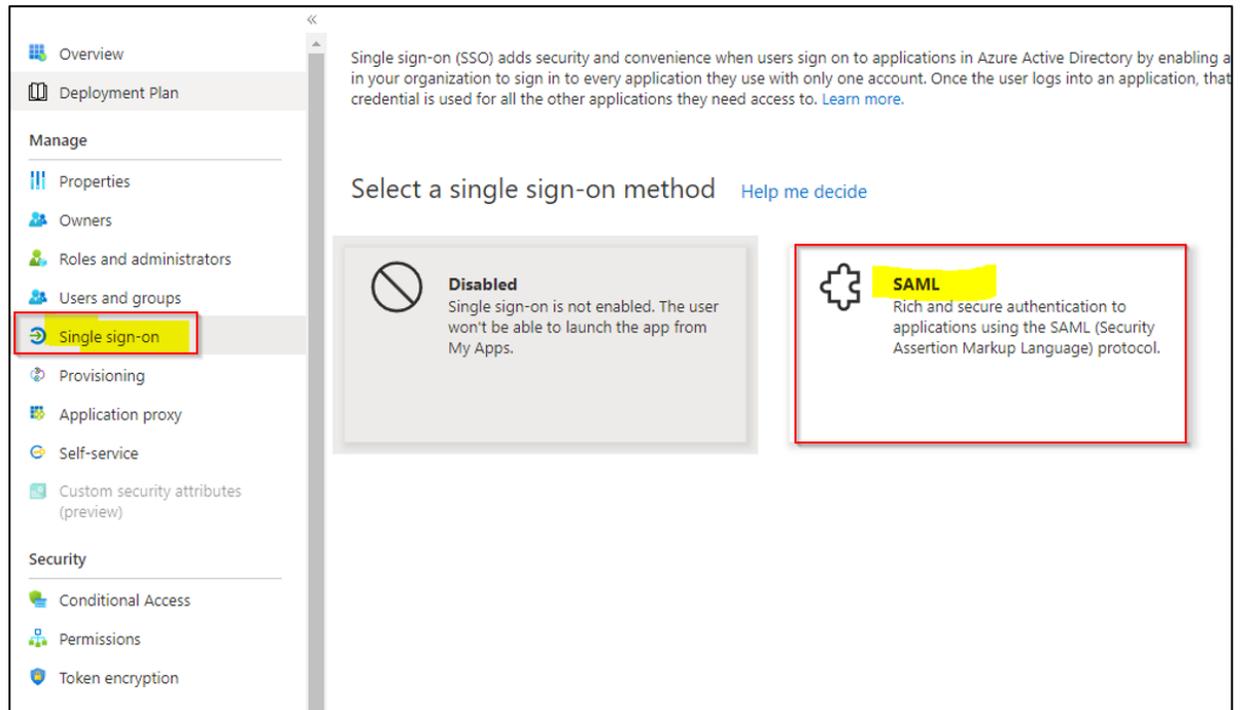


FIGURE 5: SELECT THE SAML TILE

10. In Section 1, provide the two values listed below. You can copy both values from the Lacework Console authentication settings.
 - Identifier (Entity ID): `https://<fortanix_dsm_url>/saml/metadata.xml`
Copy from **Service Provider Entity ID**
 - Reply URL (Assertion Consumer Service URL): `https://<fortanix_dsm_url>/saml`
Copy from **Assertion Consumer Service URL**
11. In Section 2, ensure that you have the correct Unique User Identifier specified under **Attributes and Claims**. The default user identifier is preconfigured as `user.userprincipalname`. However, depending on your organization, you can also use the email address as the Unique User Identifier by specifying `user.mail`.

12. In Section 3, download and save the **Federation Metadata XML** file.

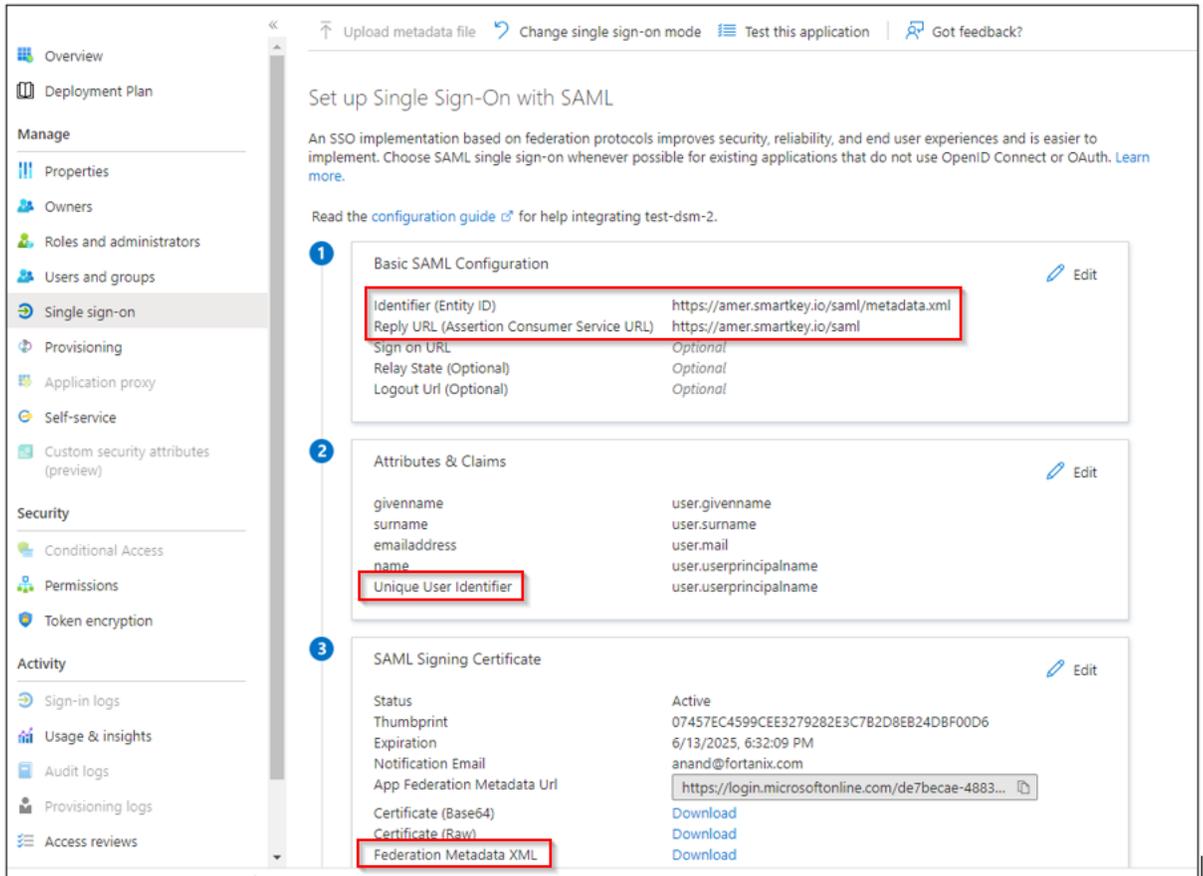


FIGURE 6: PROVIDE THE REQUIRED DETAILS AND DOWNLOAD AND SAVE THE FEDERATION METADATA XML FILE

4.0 DOCUMENT INFORMATION

4.1 DOCUMENT LOCATION

The latest published version of this document is located at the URL:

<https://support.fortanix.com/hc/en-us/articles/6995000535828-User-s-Guide-Configuring-a-SAML-Provider-Application-in-Azure>

4.2 DOCUMENT UPDATES

This document will typically be updated on a periodic review and update cycle.

For any urgent document updates, please send an email to: support@fortanix.com

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