Integrating Bitwarden SSO / SCIM with Microsoft Entra ID using SAML 2.0

With Trusted Devices Encryption and Domain Verification

SSO Identifier: `bw-saml`
Enterprise App: `bw-saml-az`

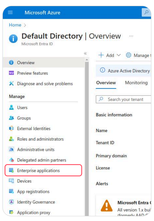
Links:

https://bitwarden.com/help/about-sso/
https://bitwarden.com/help/about-scim/
https://bitwarden.com/help/domain-verification/
https://bitwarden.com/help/about-trusted-devices/
https://bitwarden.com/help/saml-microsoft-entra-id/

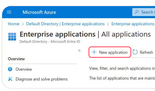
1 Create Enterprise Application

Azure Portal: go to Microsoft Entra ID

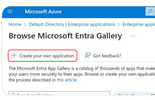
1.1 Select **Enterprise applications**:



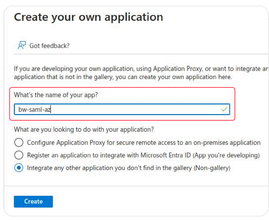
1.2 Select the **New application** button:



1.3 Click **Create your own application**:



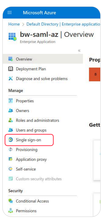
1.4 Give this application a unique name:



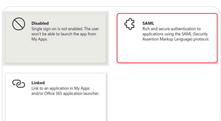
2 Enable Sign-On

Prepare your AZ app to

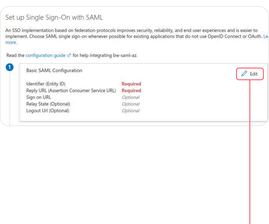
2.1 Click **Single sign-on**:



2.2 On the Single Sign-On screen, select SAML:

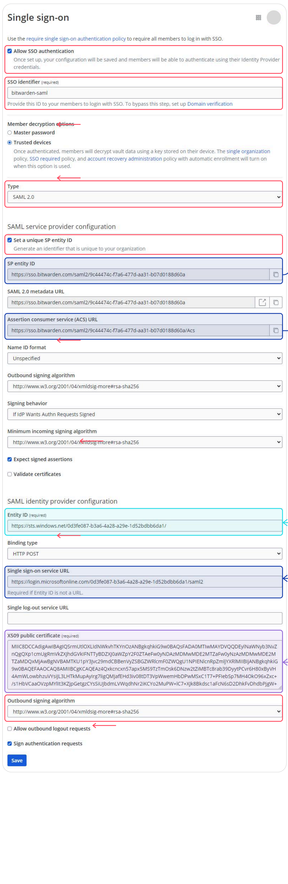


2.3 Click on Edit to edit Basic SAML Configuration:

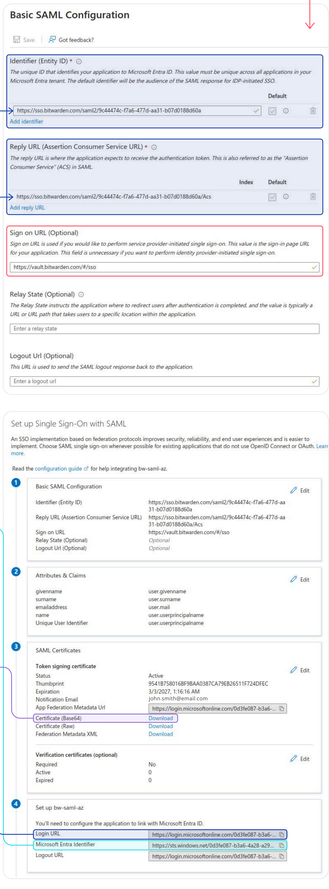


3 Configure Bitwarden Settings and Azure SAML Configuration

In your Bitwarden instance, navigate to your organization's Settings → Single sign-on screen.

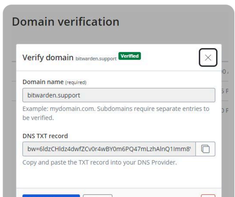


On Azure → Edit Basic SAML Configuration.



4 Verify Domain

Once domain's ownership is verified, @bitwarden.support accounts will be able to bypass SSO ID step during login.



5 SCIM Provisioning

Accept requests from your identity provider (IdP) for user and group provisioning and de-provisioning.