

## Mutare Voice™ Configuration for SAML with Microsoft Entra

Mutare Voice can be configured to use SAML2 authentication with various identity providers. This document outlines how to configure Mutare Voice to use SAML2 with Microsoft Entra.

### What You Need to Begin

You will need the following information to begin:

1. Full URL to the Mutare Voice. For the examples below, the URL is **https://a-dev-sam.mutare.com**
2. Admin access to the Microsoft Entra portal
3. Your token signing certificate
4. Your SAML Login URL
5. Your SAML Logout URL

### Mutare Voice Configuration

Configure the following settings in the System Settings in Mutare Voice. Please complete this section and return to your project manager:

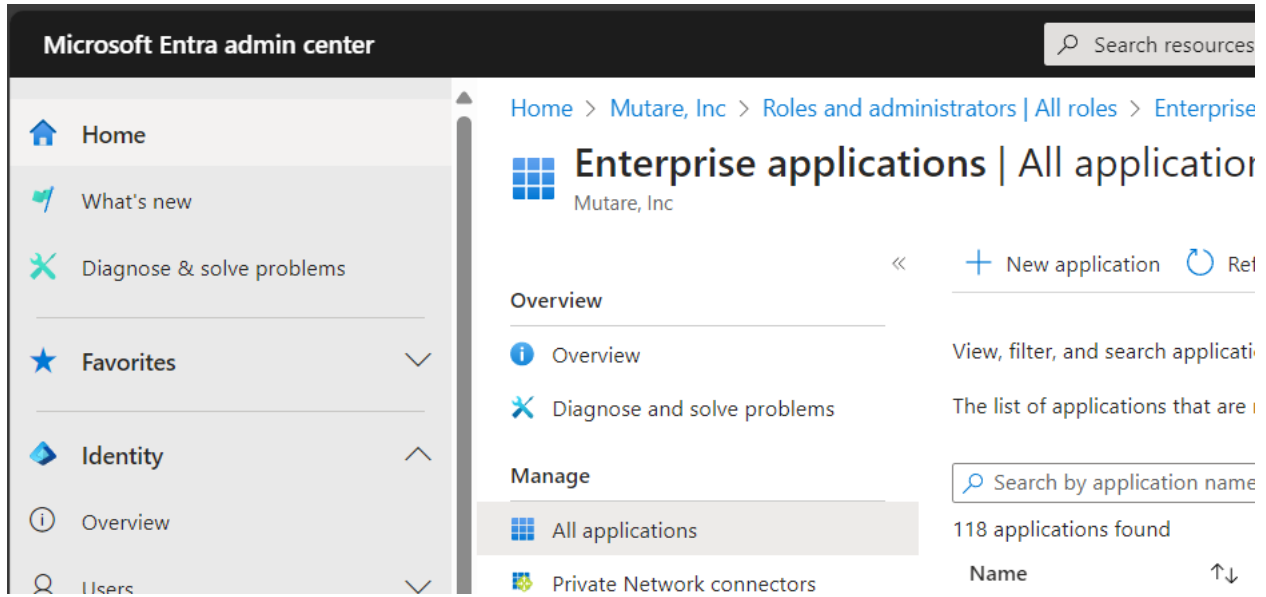
SAML Configuration in Mutare Voice	Customer Information
SAMLLogin – This is the URL to the client’s Entra login shown as <b>Login URL</b> .  <i>e.g. <a href="https://login.microsoftonline.com/b2bbb9f1-5008-4dca-a49a-aed72a7bf3c8/saml2">https://login.microsoftonline.com/b2bbb9f1-5008-4dca-a49a-aed72a7bf3c8/saml2</a></i>	
SAMLLogout - This is the URL to the client’s Entra logout shown as <b>Logout URL</b> .  <i>e.g. <a href="https://login.microsoftonline.com/common/wsfederation?wa=wsignout1.0">https://login.microsoftonline.com/common/wsfederation?wa=wsignout1.0</a></i>	
SAMLTokenSigningCertificateLocation – This is the path to where Mutare will store the client’s Entra Token Signing Certificate  <i>i.e. C:\SAML\Certificates\SSO.cer</i>	
SAMLIdentifier – This is the URL to Mutare Voice.  <i>i e.g. <a href="https://a-dev-sam.mutare.com">https://a-dev-sam.mutare.com</a></i>	
IsSAMLEnabled – This enables/disables SAML in Mutare Voice  <i>i.e. true/false</i>	
SAMLLoginLinkText – This is the text for the backdoor login page to access SAML login.  <i>e.g. “Login with Entra”</i>	

Customer Initials:

## Entra Configuration

Go to <https://entra.microsoft.com> to load the **Microsoft Entra admin center**

On the sidebar, under Manage, select **Enterprise applications**




Click on **New application**.

On the app browser, click **Create your own application**.

Give it a name (e.g. Mutare Voice), and select **Integrate any other application you don't find in the gallery**

### Create your own application

×

 Got feedback?

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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?

✓

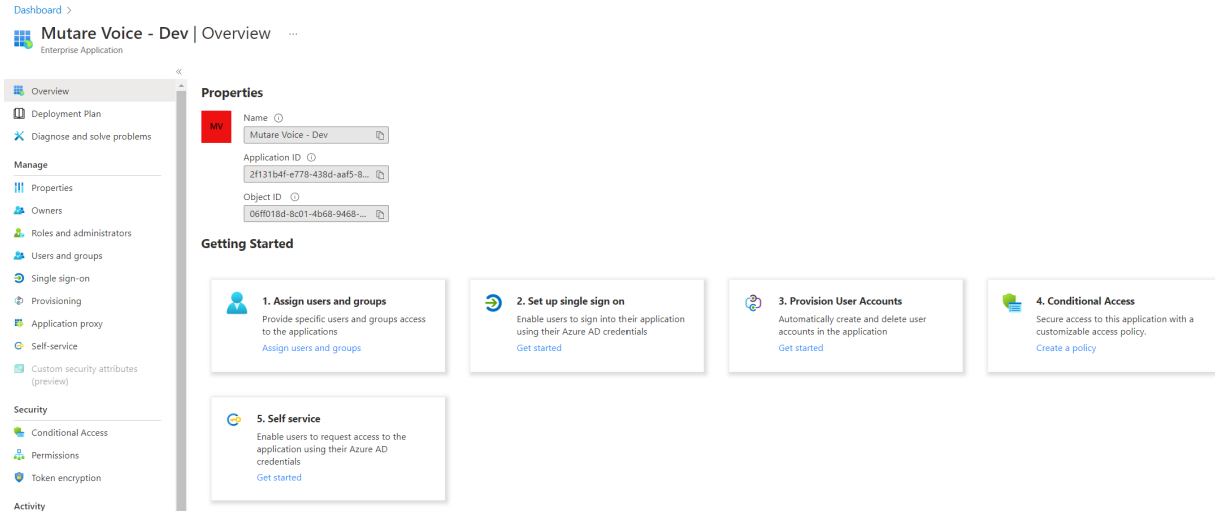
What are you looking to do with your application?

- Configure Application Proxy for secure remote access to an on-premises application
- Register an application to integrate with Azure AD (App you're developing)
- Integrate any other application you don't find in the gallery (Non-gallery)

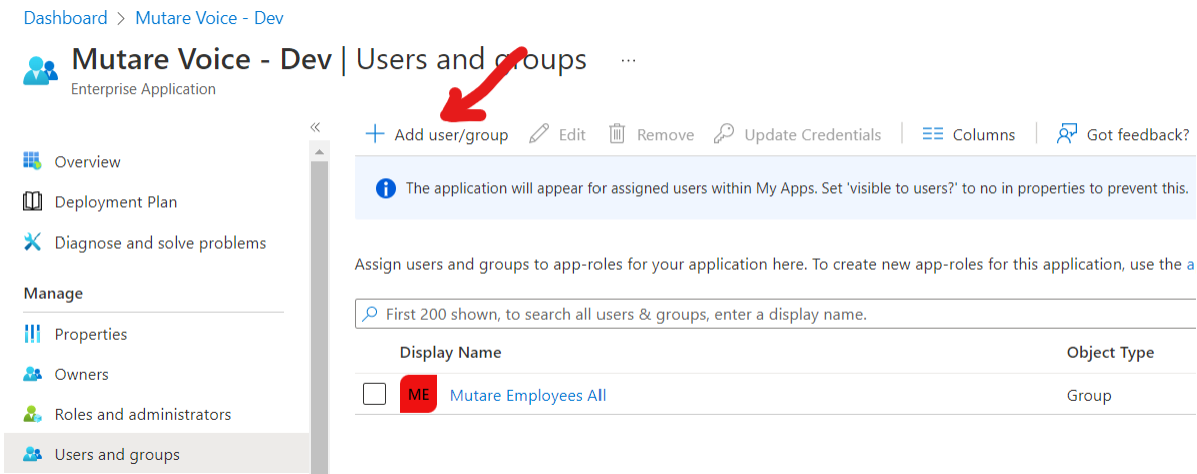
Customer Initials:

Click the **Create** button.

Start at the **Overview** page. Select **1. Assign users and groups**



Click **Add user/group**



Click **None Selected**

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Dashboard > Mutare Voice - Dev | Users and groups >

## Add Assignment

Mutare, Inc

Users and groups

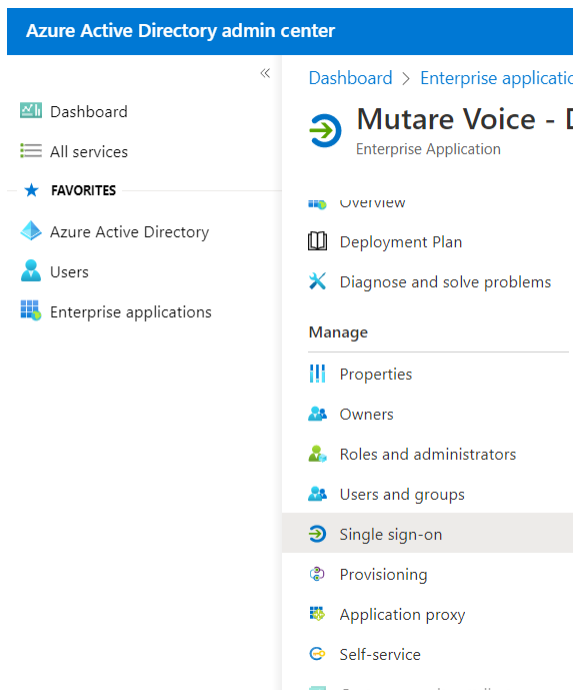
None Selected

Select a role

User

Use the search tool to select the desired AD Group for access to Mutare Voice. Click Select. Then Assign.





Now, we'll set up SAML SSO. On the app sidebar, under Manage, select **Single sign-on**



Select **SAML** as the Sign-on method:

Customer Initials:

Select a single sign-on method [Help me decide](#)

 <p><b>Disabled</b> Single sign-on is not enabled. The user won't be able to launch the app from My Apps.</p>	 <p><b>SAML</b> Rich and secure authentication to applications using the SAML (Security Assertion Markup Language) protocol.</p>	 <p><b>Password-based</b> Password storage and replay using a web browser extension or mobile app.</p>
 <p><b>Linked</b> Link to an application in the Azure Active Directory Access Panel and/or Office 365 application launcher.</p>		

Fill in the Basic SAML Configuration as shown below.

**Identifier** = the Mutare Voice website URL

**Reply URL** = the Mutare Voice website URL plus **/Account/SAMLConsume**

NOTE: This is case sensitive!

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### Basic SAML Configuration ✕

Save | Got feedback?

**i** Want to leave this preview of the SAML Configuration experience? Click here to leave the preview. →

your Azure Active Directory tenant. The default identifier will be the audience of the SAML response for IDP-initiated SSO.

	Default	
https://a-dev-sam.mutare.com <span style="float: right;">✓</span>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>

[Add identifier](#)

**Reply URL (Assertion Consumer Service URL) \*** ⓘ

*The reply URL is where the application expects to receive the authentication token. This is also referred to as the "Assertion Consumer Service" (ACS) in SAML.*

	Index	Default	
https://a-dev-sam.mutare.com/Account/SAMLConsume <span style="float: right;">✓</span>	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>

[Add reply URL](#)

**Sign on URL (Optional)**

*Sign on URL is used if you would like to perform service provider-initiated single sign-on. This value is the sign-in page URL for your application. This field is unnecessary if you want to perform identity provider-initiated single sign-on.*

Enter a sign on URL ✓

**Relay State (Optional)** ⓘ

*The Relay State instructs the application where to redirect users after authentication is completed, and the value is typically a URL or URL path that takes users to a specific location within the application.*

Enter a relay state

**Logout Url (Optional)**

*This URL is used to send the SAML logout response back to the application.*

Enter a logout url ✓

When complete, click **Save**.

Customer Initials:

Next, configure the Attributes & Claims. Click **Edit**.

Dashboard > Mutare Voice - Dev >

## Mutare Voice - Dev | SAML-based Sign-on

Enterprise Application

- Overview
- Deployment Plan
- Diagnose and solve problems

### 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 acquisition

Upload metadata file | Change single sign-on mode | Test this application | Got feedback?

### 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 Mutare Voice - Dev.

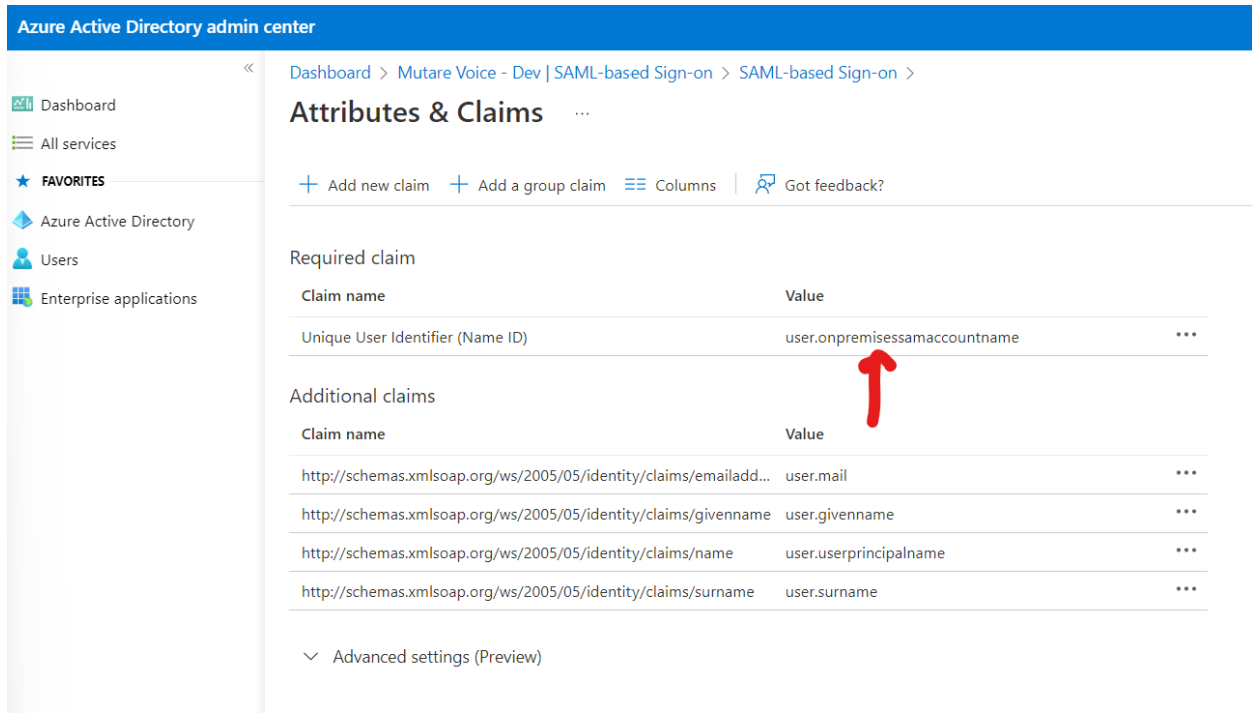
- #### Basic SAML Configuration

Identifier (Entity ID)	https://a-dev-sam.mutare.com	<a href="#">Edit</a>
Reply URL (Assertion Consumer Service URL)	https://a-dev-sam.mutare.com/Account/SAMLConsume	
Sign on URL	Optional	
Relay State (Optional)	Optional	
Logout Url (Optional)	Optional	
- #### Attributes & Claims

givenname	user.givenname	<a href="#">Edit</a>
surname	user.surname	
emailaddress	user.mail	
name	user.userprincipalname	
Unique User Identifier	user.onpremissesamaccountname	

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Click on the Value of the Claim Name to edit the value:



Azure Active Directory admin center

Dashboard > Mutare Voice - Dev | SAML-based Sign-on > SAML-based Sign-on >

### Attributes & Claims

+ Add new claim + Add a group claim Columns Got feedback?

**Required claim**

Claim name	Value
Unique User Identifier (Name ID)	user.onpremisesamaccountname

**Additional claims**

Claim name	Value
http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailadd...	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

Advanced settings (Preview)

Depending on how your Usernames are configured in Mutare Voice, you will want to configure the Claim Name to match.

If your Usernames are configured in Mutare Voice as [username@domainname.com](#), you might use **user.mail** as the value for the Claim Name.

If your Usernames are configured in Mutare voice as username, we suggest using **user.onpremisesamaccountname** as the value for the Claim Name.

Customer Initials:



**Azure Active Directory admin center**

Dashboard > Mutare Voice - Dev | SAML-based Sign-on > SAML-based Sign-on > Attributes & Claims >

### Manage claim

Save | Discard changes | Got feedback?

Name: nameidentifier

Namespace: http://schemas.xmlsoap.org/ws/2005/05/identity/claims

Choose name identifier format

Source \*  Attribute  Transformation

Source attribute \* user.onpremisesamaccountname

Claim conditions

When finished, click **Save**.

Next, please click the Download link next to the **Certificate (Raw)** in box 3. Provide that file to Mutare.

**3** SAML Certificates

**Token signing certificate** Edit

Status	Active
Thumbprint	A340BE7D4DCDFD20770F20482998E0210B223B45
Expiration	10/25/2025, 11:27:50 AM
Notification Email	bmcDonald@mutare.com
App Federation Metadata Url	<input type="text" value="https://login.microsoftonline.com/fa1cdeaf-1e91-..."/>
Certificate (Base64)	<a href="#">Download</a>
Certificate (Raw)	<a href="#">Download</a>
Federation Metadata XML	<a href="#">Download</a>

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**Verification certificates (optional) (Preview)** Edit

Required	No
Active	0
Expired	0

**4** Set up Mutare Voice - Dev

You'll need to configure the application to link with Azure AD.

Login URL	<input type="text" value="https://login.microsoftonline.com/fa1cdeaf-1e91-..."/>
Azure AD Identifier	<input type="text" value="https://sts.windows.net/fa1cdeaf-1e91-43fd-b388-..."/>
Logout URL	<input type="text" value="https://login.microsoftonline.com/fa1cdeaf-1e91-..."/>

Lastly, copy the **Login URL** and **Logout URL** from box 4 and copy in the respective sections on page 1 of this document and return to Mutare.

Customer Initials: