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Azure AD B2C SSO OAuth / OpenID Connect Single Sign On into Magento | Azure AD B2C Login

Configure the **Magento OAuth & OpenID Connect Single Sign-On (SSO) plugin** with **Azure B2C** Single Sign-On (SSO). Use Microsoft Azure B2C as an OAuth and OpenID Connect provider to provide safe login into Magento. With Azure B2C Single Sign-On (SSO), your users may log in and access your Magento site by authenticating with their Azure B2C identity provider. You can also use various IDPs, such as Azure AD, Office 365, and other bespoke providers, to configure the plugin. It has powerful Single Sign-On (SSO) features like user profile attribute mapping and role mapping, among others. We'll go over how to set up Single Sign-On (SSO) for user authentication between Magento and Azure B2C in this guide.
To know more about other features we provide in Magento OAuth Single Sign-On (OAuth & OpenID Connect Client) plugin, you can click here.

Pre-requisites : Download And Installation

Installation using Composer:

- Purchase the miniOrange OAuth / OpenID Connect Single Sign On extension from magento marketplace.
- Go to My profile -> My Purchases
- Please ensure you are using correct access keys (My Profile - Access Keys)
- Paste the access keys in your auth.json file inside your project
- Use the below command to add the extension to your project.

```
"composer require {module_name}:{version}"
```

- You can see the module name and list of versions in the selector below the extension module name.
- Run the following commands on command prompt to enable the extension.

```
php bin/magento setup:di:compile
```

```
php bin/magento setup:upgrade
```

Manual Installation:

- Download the miniOrange OAuth OpenID Connect Single Sign-On extension.
- Unzip all contents of the zip inside the MiniOrange/OAuth directory.

```
{Root Directory of Magento} →app →code →MiniOrange →OAuth
```

- Run the following commands on command prompt to enable the extension.

```
php bin/magento setup:di:compile
```

```
php bin/magento setup:upgrade
```

OAuth / OpenID Connect Single Sign On – SSO (OAuth Client)

By miniOrange

★★★★★ (1)

Magento OAuth OpenID Connect SSO extension allows login (Single Sign-On) into Magento with your Azure AD, Azure B2C, AWS Cognito, WSO2, Okta, LinkedIn, Google, Facebook, Slack, Discord or other custom OAuth 2.0 providers [24/7 SUPPORT]

Tested with 2.4.4

Get this plugin

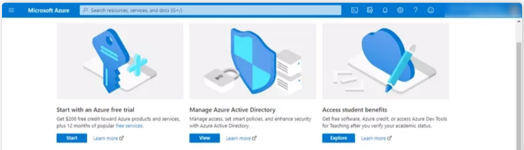
Steps to configure Azure AD B2C OAuth & OpenID Single Sign-On (SSO) Login into Magento

1. Setup Azure Active Directory B2C as OAuth Provider

Follow the steps below to configure Azure AD B2C as OAuth Provider

Configure Azure AD B2C as OAuth Provider

- Sign in to Azure portal.
- From the **Azure services** menu, select **Azure AD B2C**.



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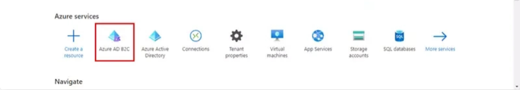
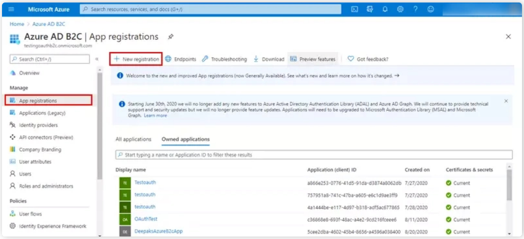
Start with an Azure free trial
Get $200 free credit toward Azure products and services, plus 12 months of popular free services.

Manage Azure Active Directory
Manage access, set smart policies, and enhance security with Azure Active Directory.

Access student benefits
Get free software, Azure credit, or access Azure Dev Tools for Teaching after you verify your academic status.


Azure services
Create a resource
Azure AD B2C
Azure Active Directory
Connections
Tenant properties
Virtual machines
App Services
Storage accounts
SQL databases
More services
Navigate

- Click the **App registrations** service in the left-hand navigation panel, then click **New registration**.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Azure AD B2C | App registrations
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Overview
Manage
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API connectors (Preview)
Company Branding
User attributes
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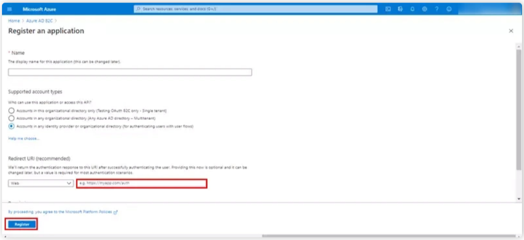
Roles and administrators
Policies
User flows
Identity Experience Framework
New registration
Endpoints
Troubleshooting
Download
Preview features
Got feedback?
All applications
Owned applications
Start typing a name or Application ID to filter these results

Welcome to the new and improved App registrations (now Generally Available). See what's new and learn more on how it's changed. →

Starting June 30th, 2020 we will no longer add any new features to Azure Active Directory Authentication Library (ADAL) and Azure AD Graph. We will continue to provide technical support and security updates but we will no longer provide feature updates. Applications will need to be upgraded to Microsoft Authentication Library (MSAL) and Microsoft Graph. Learn more

Display name	Application (client) ID	Created on	Certificates & secrets
Testoauth	a866e253-0776-41d5-91da-d3874a8062db	7/27/2020	Current
testoauth	757951a8-741c-47ba-a605-e6c1d9ae3ff9	7/27/2020	Current
testoauth	4a1444be-e117-4d97-b318-adf5ac677865	7/28/2020	Current
OAuthTest	c36868e8-693f-48ac-a4e2-9cd216fceee6	8/11/2020	Current
DeepaksAzureB2cApp	5cee2dba-4602-45b4-8656-a4596a038400	8/20/2020	Current

- Enter the **Name of the Application**. Select **Web** from the dropdown menu and enter the **Redirect URL**. (You will get the redirect URL from the OAuth settings tab of the plugin). **Register** your application.


Microsoft Azure
Search resources, services, and docs (G+/)
Home > Azure AD B2C >
Register an application
Register

* Name

The display name for this application (this can be changed later).

Supported account types

Who can use this application or access this API?

○ Accounts in this organizational directory only (Testing OAuth B2C only - Single tenant)

○ Accounts in any organizational directory (Any Azure AD directory – Multitenant)

● Accounts in any identity provider or organizational directory (for authenticating users with user flows)

Help me choose...

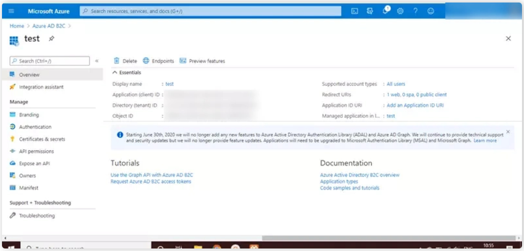
Redirect URI (recommended)

We'll return the authentication response to this URI after successfully authenticating the user. Providing this now is optional and it can be changed later, but a value is required for most authentication scenarios.

Web | e.g. https://myapp.com/auth

By proceeding, you agree to the Microsoft Platform Policies

- Your application is given a unique Application ID by Azure AD B2C. Copy **Application ID** and the **Directory ID**, this will be your **Client ID** and **Tenant ID** respectively.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Home > Azure AD B2C >
test
Search (Ctrl+/)
Overview
Integration assistant
Manage
Branding
Authentication
Certificates & secrets
API permissions
Expose an API
Owners
Manifest
Support + Troubleshooting
Troubleshooting
Delete
Endpoints
Preview features
Essentials
Tutorials
Use the Graph API with Azure AD B2C
Request Azure AD B2C access tokens
Documentation
Azure Active Directory B2C overview
Application types
Code samples and tutorials
10:55

Display name : test

Application (client) ID : [redacted]

Directory (tenant) ID : [redacted]

Object ID : [redacted]

Supported account types : All users

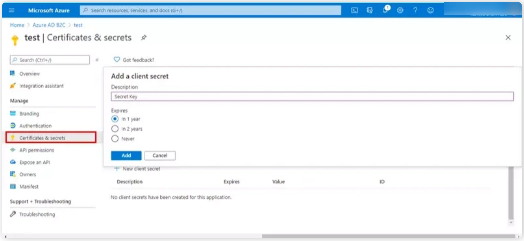
Redirect URIs : 1 web, 0 spa, 0 public client

Application ID URI : Add an Application ID URI

Managed application in l... : test

Starting June 30th, 2020 we will no longer add any new features to Azure Active Directory Authentication Library (ADAL) and Azure AD Graph. We will continue to provide technical support and security updates but we will no longer provide feature updates. Applications will need to be upgraded to Microsoft Authentication Library (MSAL) and Microsoft Graph. Learn more

- From the left navigation column, select **Certificates and Secrets** and then New **Client Secret**. Click the **ADD** button after entering a description and an expiration time.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Home > Azure AD B2C > test
test | Certificates & secrets
Search (Ctrl+/)
Overview
Integration assistant
Manage
Branding
Authentication
Certificates & secrets
API permissions
Expose an API
Owners
Manifest
Support + Troubleshooting
Troubleshooting
Got feedback?
Add
Cancel
New client secret

Add a client secret

Description: Secret Key

Expires

● In 1 year

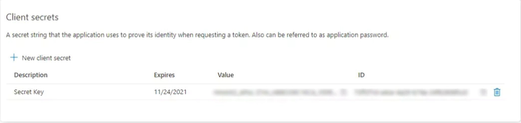
○ In 2 years

○ Never

Description	Expires	Value	ID

No client secrets have been created for this application.

- Copy the obtained value of the generated client secret. This will be your **Secret key**.



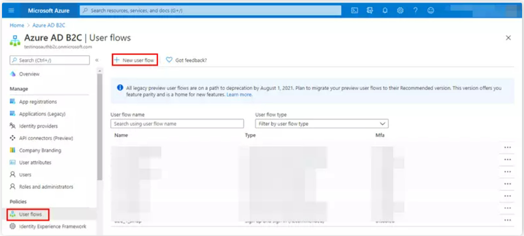
Client secrets

A secret string that the application uses to prove its identity when requesting a token. Also can be referred to as application password.

New client secret

Description	Expires	Value	ID
Secret Key	11/24/2021	[redacted]	[redacted]

- Navigate to **Azure AD B2C**. Choose **User** flows. and select **New user flow** from the drop-down menu.



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Azure AD B2C | User flows
testingoauthb2c.onmicrosoft.com
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New user flow
Got feedback?
Overview
Manage
App registrations
Applications (Legacy)
Identity providers
API connectors (Preview)
Company Branding
User attributes
Users
Roles and administrators
Policies
User flows
Identity Experience Framework

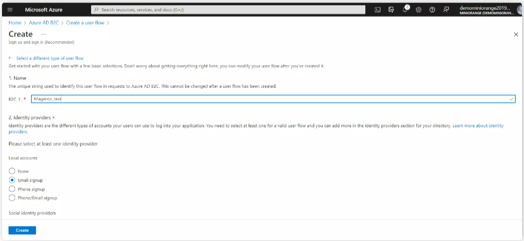
All legacy preview user flows are on a path to deprecation by August 1, 2021. Plan to migrate your preview user flows to their Recommended version. This version offers you feature parity and is a home for new features. Learn more.

User flow name: Search using user flow name

User flow type: Filter by user flow type

Name	Type	Mfa
[redacted]	[redacted]	[redacted]

- Name the user flow. Choose **Email Signup** and click the **Create** button.



Microsoft Azure
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demominiorange2019...
MINIORANGE (DEMOMINIORAN...
Home > Azure AD B2C > Create a user flow >
Create
Sign up and sign in (Recommended)
Select a different type of user flow

Get started with your user flow with a few basic selections. Don't worry about getting everything right here, you can modify your user flow after you've created it.

1. Name

The unique string used to identify this user flow in requests to Azure AD B2C. This cannot be changed after a user flow has been created.

B2C_1_ * Magento_test

2. Identity providers *

Identity providers are the different types of accounts your users can use to log into your application. You need to select at least one for a valid user flow and you can add more in the Identity providers section for your directory. Learn more about identity providers.

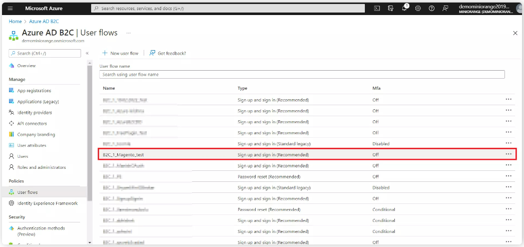
Please select at least one identity provider

Local accounts

○ None
● Email signup
○ Phone signup
○ Phone/Email signup

Social identity providers

- Click on your created user flow



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Overview
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API connectors
Company branding
User attributes
Users
Roles and administrators
Policies
User flows
Identity Experience Framework
Security
Authentication methods (Preview)

User flow name: Search using user flow name

Name	Type	Mfa
[redacted]	Sign up and sign in (Recommended)	Off
[redacted]	Sign up and sign in (Recommended)	Off
[redacted]	Sign up and sign in (Recommended)	Off
[redacted]	Sign up and sign in (Recommended)	Off
[redacted]	Sign up and sign in (Standard legacy)	Disabled
B2C_1_Magento_test	Sign up and sign in (Recommended)	Off
[redacted]	Sign up and sign in (Recommended)	Off
[redacted]	Password reset (Recommended)	Off
[redacted]	Sign up and sign in (Standard legacy)	Disabled
[redacted]	Sign up and sign in (Recommended)	Off
[redacted]	Password reset (Recommended)	Conditional
[redacted]	Sign up and sign in (Recommended)	Conditional
[redacted]	Sign up and sign in (Recommended)	Conditional
[redacted]	Sign up and sign in (Recommended)	Off

- Replace the **policy name** you just created in the appropriate endpoints.

You've successfully configured Azure AD (Active Directory) B2C as an OAuth Provider for Magento user integration using Azure AD Single Sign-On (SSO).

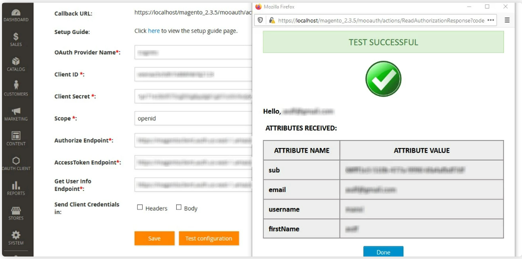
2. Configuring Magento 2 as OAuth Client

- After successfully configuring OAuth Provider, go to OAuth Provider tab and configure **OAuth Provider Name**, **Client ID**, **Client Secret**, **Scope** and provided endpoints. (You can copy these values in STEP 2 from the application dashboard.)

  Please refer below Endpoints to configure the OAuth client

Scope:	openid
Authorize Endpoint:	https://{tenant-name}.b2clogin.com/{tenant-name}.onmicrosoft.com/{policy-name}/oauth2/v2.0/authorize
Access Token Endpoint:	https://{tenant-name}.b2clogin.com/{tenant-name}.onmicrosoft.com/{policy-name}/oauth2/v2.0/token
Get User Info Endpoint:	https://graph.microsoft.com/v1.0/me

- Click on the **Save** button to save the settings.
- Click on the **Test Configuration** button.


DASHBOARD
SALES
CATALOG
CUSTOMERS
MARKETING
CONTENT
OAUTH CLIENT
REPORTS
STORES
SYSTEM
Mozilla Firefox
https://localhost/magento_2.3.5/mooauth/actions/ReadAuthorizationResponse?code
Save
Test configuration
Done

Callback URL: https://localhost/magento_2.3.5/mooauth/ac

Setup Guide: Click here to view the setup guide page.

OAuth Provider Name*: [redacted]

Client ID *: [redacted]

Client Secret *: [redacted]

Scope *: openid

Authorize Endpoint*: [redacted]

AccessToken Endpoint*: [redacted]

Get User Info Endpoint*: [redacted]

Send Client Credentials in: ☐ Headers ☐ Body

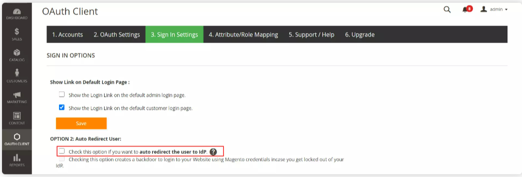
TEST SUCCESSFUL

Hello, [redacted]

ATTRIBUTES RECEIVED:

ATTRIBUTE NAME	ATTRIBUTE VALUE
sub	[redacted]
email	[redacted]
username	[redacted]
firstName	[redacted]

- You will see all the values returned by your OAuth Provider to Magento in a table. If you don't see value for First Name, Last Name, Email or Username, make the required settings in your OAuth Provider to return this information.
- The miniOrange Premium Plugin also provides you the the feature to **auto redirect your user to the IdP Login Page**.


DASHBOARD
SALES
CATALOG
CUSTOMERS
MARKETING
CONTENT
OAUTH CLIENT
REPORTS
OAuth Client
8
admin
1. Accounts
2. OAuth Settings
3. Sign In Settings
4. Attribute/Role Mapping
5. Support / Help
6. Upgrade
Save

SIGN IN OPTIONS

Show Link on Default Login Page :

☐ Show the Login Link on the default admin login page.

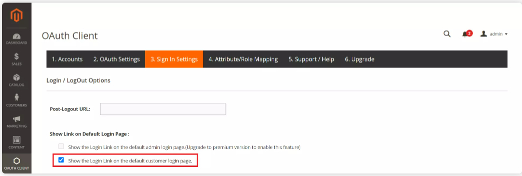
☑ Show the Login Link on the default customer login page.

OPTION 2: Auto Redirect User:

☐ Check this option if you want to **auto redirect the user to IdP**.

Checking this option creates a backdoor to login to your Website using Magento credentials incase you get locked out of your IdP.

- Go to the Sign In Settings tab and check options to enable SSO on your Magento site.


DASHBOARD
SALES
CATALOG
CUSTOMERS
MARKETING
CONTENT
OAUTH CLIENT
OAuth Client
2
admin
1. Accounts
2. OAuth Settings
3. Sign In Settings
4. Attribute/Role Mapping
5. Support / Help
6. Upgrade

Login / LogOut Options

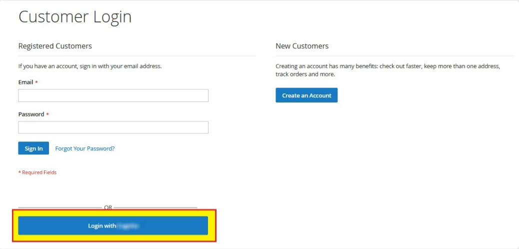
Post-Logout URL:

Show Link on Default Login Page :

☐ Show the Login Link on the default admin login page.(Upgrade to premium version to enable this feature)

☑ Show the Login Link on the default customer login page.

- You have successfully configured your Magento 2 as an OAuth Client. You will see the SSO button on your frontend. Click on the button and test the SSO.


Sign In
Forgot Your Password?
Create an Account
OR
Login with

Customer Login

Registered Customers

If you have an account, sign in with your email address.

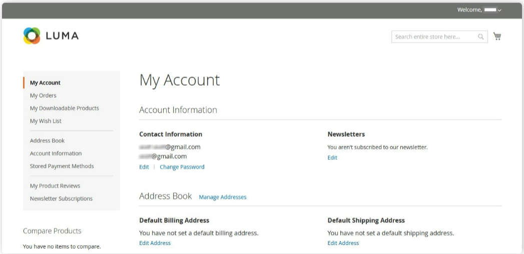
Email *

Password *

* Required Fields

New Customers

Creating an account has many benefits: check out faster, keep more than one address, track orders and more.


Welcome,
LUMA
Search entire store here...
My Account
My Orders
My Downloadable Products
My Wish List
Address Book
Account Information
Stored Payment Methods
My Product Reviews
Newsletter Subscriptions
Edit
Change Password
Manage Addresses
Edit Address

My Account

Account Information

Contact Information

[redacted]@gmail.com
[redacted]@gmail.com

Newsletters

You aren't subscribed to our newsletter.

Address Book

Default Billing Address

You have not set a default billing address.

Default Shipping Address

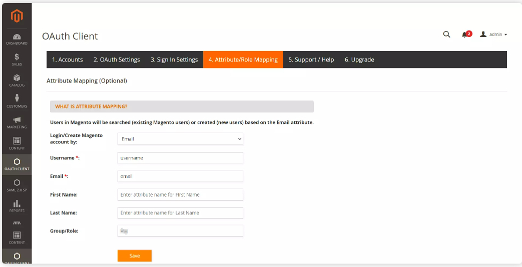
You have not set a default shipping address.

Compare Products

You have no items to compare.

3: Attribute / Custom Mapping (Optional). *This is Premium feature.

- You can map attributes in the Attribute Mapping tab. Only username and email are allowed to be mapped in free version of the plugin. However, in the premium version of the plugin, you can map various attributes coming from your OAuth Provider to the attributes present in your Magento site.


DASHBOARD
SALES
CATALOG
CUSTOMERS
MARKETING
CONTENT
OAUTH CLIENT
SAML 2.0 SP
REPORTS
CONTENT
admin
1. Accounts
2. OAuth Settings
3. Sign In Settings
4. Attribute/Role Mapping
5. Support / Help
6. Upgrade
Save

OAuth Client

Attribute Mapping (Optional)

WHAT IS ATTRIBUTE MAPPING?

Users in Magento will be searched (existing Magento users) or created (new users) based on the Email attribute.

Login/Create Magento account by: Email

Username *: username

Email *: email

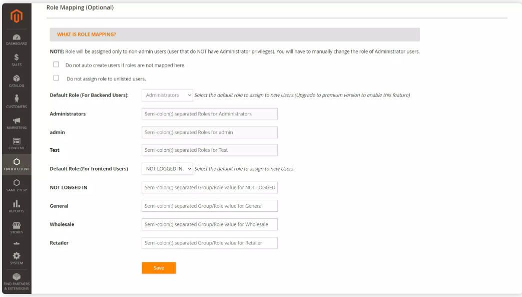
First Name: Enter attribute name for First Name

Last Name: Enter attribute name for Last Name

Group/Role:

4: Role Mapping (Optional). *This is Premium feature.

- You can specify a default role in the free plugin that will be allocated to all non-admin users when they conduct SSO.
- Go to Attribute/Role mapping tab and navigate to Role Mapping section.
- Select the Default Role and click on the Save button.


DASHBOARD
SALES
CATALOG
CUSTOMERS
MARKETING
CONTENT
OAUTH CLIENT
SAML 2.0 SP
REPORTS
STORES
SYSTEM
FIND PARTNERS & EXTENSIONS
Save

Role Mapping (Optional)

WHAT IS ROLE MAPPING?

NOTE: Role will be assigned only to non-admin users (user that do NOT have Administrator privileges). You will have to manually change the role of Administrator users.

☐ Do not auto create users if roles are not mapped here.

☐ Do not assign role to unlisted users.

Default Role (For Backend Users): Administrators *Select the default role to assign to new Users.(Upgrade to premium version to enable this feature)*

Administrators: Semi-colon(;) separated Roles for Administrators

admin: Semi-colon(;) separated Roles for admin

Test: Semi-colon(;) separated Roles for Test

Default Role:(For frontend Users): NOT LOGGED IN *Select the default role to assign to new Users.*

NOT LOGGED IN: Semi-colon(;) separated Group/Role value for NOT LOGGED

General: Semi-colon(;) separated Group/Role value for General

Wholesale: Semi-colon(;) separated Group/Role value for Wholesale

Retailer: Semi-colon(;) separated Group/Role value for Retailer

By configuring **Azure AD B2C** as an **OAuth Provider** and **Magento** as an **OAuth Client** using our Magento OAuth Client plugin, you have successfully installed Magento Azure AD (Active Directory) B2C Single Sign-On (SSO). Within minutes, you'll be able to provide safe access to your Magento site utilising Azure AD B2C login credentials thanks to this solution.p>

Additional Resources

- What is Single Sign-On (SSO) Login?
- Azure AD SSO | Azure Single Sign-On (SSO) Login
- Azure AD - Overview
- Configure Azure AD as Identity Provider (IdP) for SSO Login
- Azure AD - What is Azure Active Directory?
- Magento OAuth Single Sign On (SSO) Plugin.
- Magento SAML Single Sign On (SSO) Plugin.

If you are looking for anything which you cannot find, please drop us an email on **magentosupport@xecurify.com**

miniOrange
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+91 97178 45846 (India)
info@xecurify.com
STAY CONNECTED
SIGN UP FREE

Product
Single Sign On
Identity Brokering
OAuth / OpenID Connect Server
Multi Factor Authentication
Adaptive Authentication
User Provisioning
Directory Services

Solutions
SAML Solutions
OAuth Solutions
2FA Solutions
Mobile Solutions
Directory Integrations
Federation Integrations
Windows Solutions
SSO Connectors
Secure Browser SSO
View All

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FAQs
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Contact Us

Hello there!
Need Help? We are right here!

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