

# WordPress – User Sync for Azure AD/B2C/Office 365 using Microsoft Graph APIs

User Sync from **Azure AD Office365** to **WordPress** can be achieved by using our **User Sync for Azure AD Office365** plugin. This plugin uses **Microsoft Graph API** to fetch all the user's profiles from the Active Directory to the WordPress database. Seamless support for advanced sync features like Bi-directional user sync, automatic user creation & deletion, integration with SharePoint, PowerBI, Office365, Microsoft teams, OneDrive, Azure AD Profile Picture Sync and integration. In addition to this we also support 3rd party plugins like woo-commerce, Learndash, BuddyPress, Memberpress, Paid Membership etc.

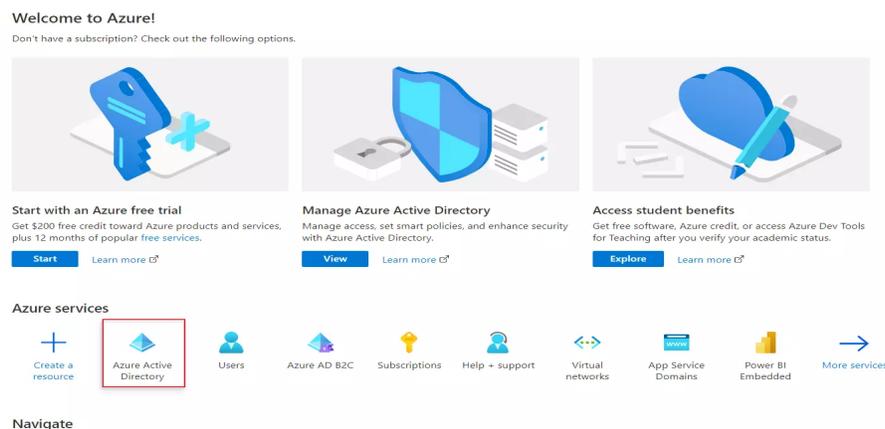
## Steps to configure User Sync for Azure AD Office365 plugin:

If you have already configured Azure AD application then skip step 1 and goto [step 2](#).

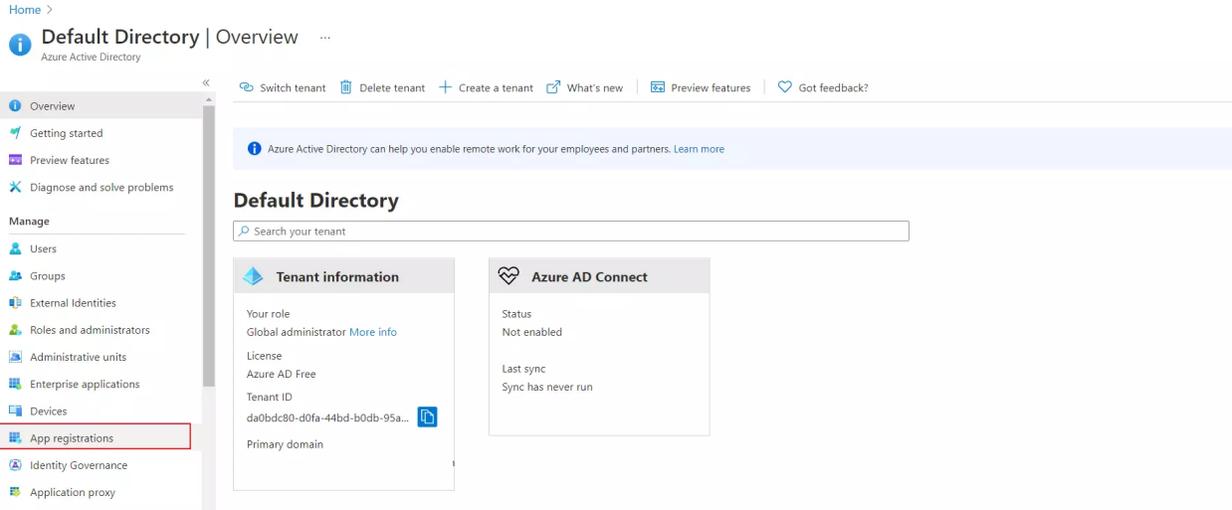
### 1. Configure the Azure AD App registration

Follow the steps below to configure Azure AD Sync plugin:

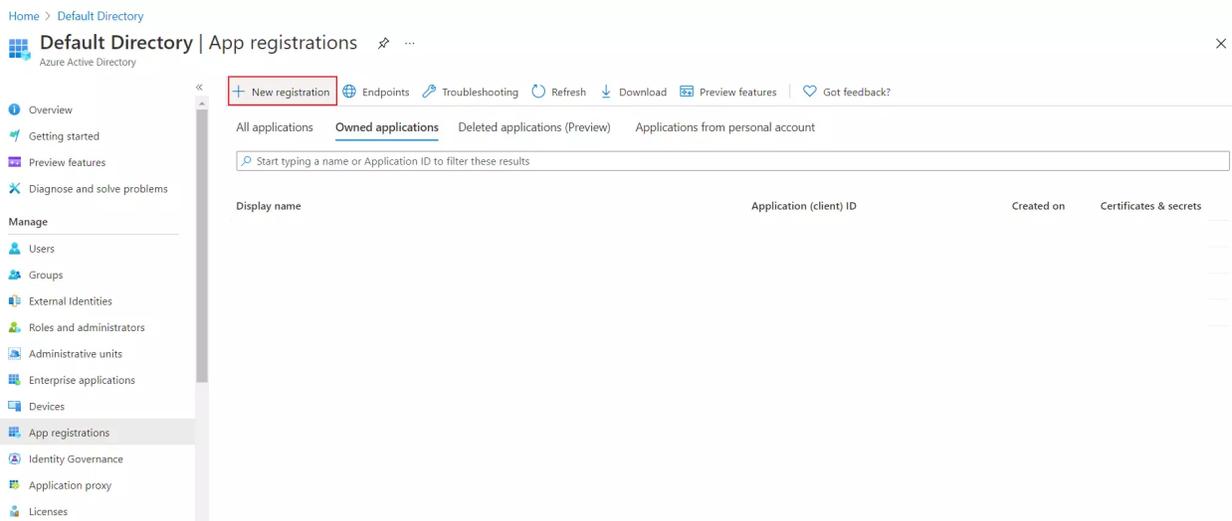
- Log in to Azure AD Portal <https://portal.azure.com/> as an **Administrator**.
- You will be represented with the home screen of Azure Active Directory.
- Under the Azure Services section, select **Azure Active Directory**.



- In the left tab, under the Manage section, select App registrations tab.



- **Click on the New Registration option.**



- **Assign the Display Name in the name field and choose the account type.**
- **In the Redirect URI field, provide the URL of your WordPress site and click on Register button.**

## Register an application

### \* Name

The user-facing 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 (Default Directory only - Single tenant)
- Accounts in any organizational directory (Any Azure AD directory - Multitenant)
- Accounts in any organizational directory (Any Azure AD directory - Multitenant) and personal Microsoft accounts (e.g. Skype, Xbox)
- Personal Microsoft accounts only

[Help me choose...](#)

### Redirect URI (optional)

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.

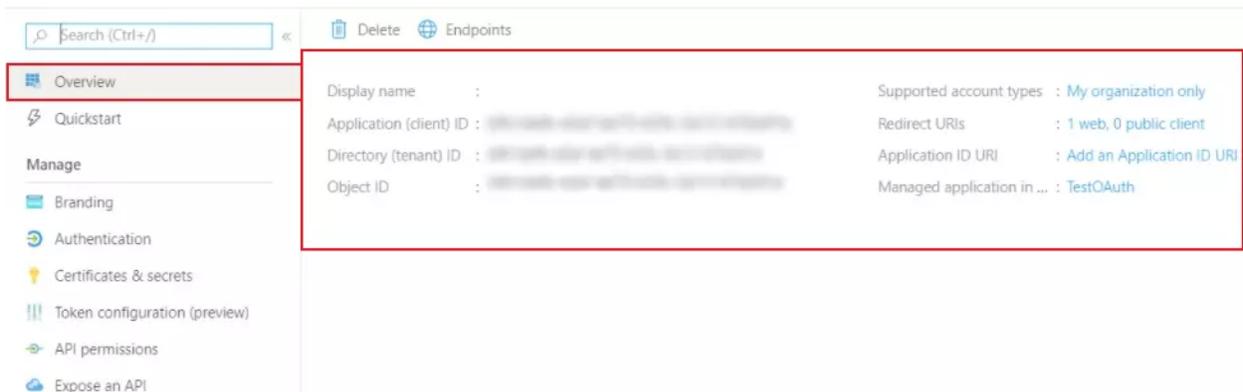
Web

Register an app you're working on here. Integrate gallery apps and other apps from outside your organization by adding from [Enterprise applications](#).

By proceeding, you agree to the [Microsoft Platform Policies](#)

[Register](#)

- **After the registration of an application, Azure AD assigns an unique application ID to your application.**
- **Navigte to the Overview tab, in the left pane.**
- **Copy the Application ID and the Directory ID, this will be your Client ID and Tenant ID.**



Search (Ctrl+/) Delete Endpoints

Overview

Quickstart

Manage

- Branding
- Authentication
- Certificates & secrets
- Token configuration (preview)
- API permissions
- Expose an API

Display name : Supported account types : [My organization only](#)

Application (client) ID : [XXXXXXXXXXXXXXXXXXXXXXXXXXXX](#) Redirect URIs : [1 web, 0 public client](#)

Directory (tenant) ID : [XXXXXXXXXXXXXXXXXXXXXXXXXXXX](#) Application ID URI : [Add an Application ID URI](#)

Object ID : [XXXXXXXXXXXXXXXXXXXXXXXXXXXX](#) Managed application in ... : [TestOAuth](#)

- **From the left navigation pane, navigate to the Certificates & secrets tab.**
- **Click on New client secret. Enter the description and expiration time and click on the ADD option.**



Microsoft Azure

Search resources, services, and docs (G+)

Home > Xecurify > wp\_addon

wp\_addon | API permissions

Search (Ctrl+/) Refresh Got feedback?

Overview

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Integration assistant

Manage

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Certificates & secrets

Token configuration

**API permissions**

Expose an API

App roles

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Manifest

Support + Troubleshooting

The "Admin consent required" column shows the default value for an organization. However, user consent can be customized per permission, user, or app. This column may not reflect the value in your organization, or in organizations where this app will be used. [Learn more](#)

Configured permissions

Applications are authorized to call APIs when they are granted permissions by users/admins as part of the consent process. The list of configured permissions should include all the permissions the application needs. [Learn more about permissions and consent](#)

+ Add a permission ✓ Grant admin consent for Xecurify

API / Permissions name	Type	Description	Admin consent requ...	Status

To view and manage permissions and user consent, try [Enterprise applications](#).

<https://go.microsoft.com/fwlink/?linkid=2152292>

- **Select Microsoft Graph under the Microsoft APIs tab.**
- **select Application Permissions and search for the User.**

## Request API permissions



[← All APIs](#)

Select permissions

[expand all](#)

Permission	Admin consent required
> IdentityRiskyUser	
> IdentityUserFlow	
> TeamsAppInstallation	
> TeamsTab	
> UserAuthenticationMethod	
> UserNotification	
> UserShiftPreferences	
> User	

Add permissions

Discard

- **Under User select User.Read.All permission and click on the Add Permissions button.**

## Request API permissions



< All APIs

> UserAuthenticationMethod

> UserNotification

> UserShiftPreferences

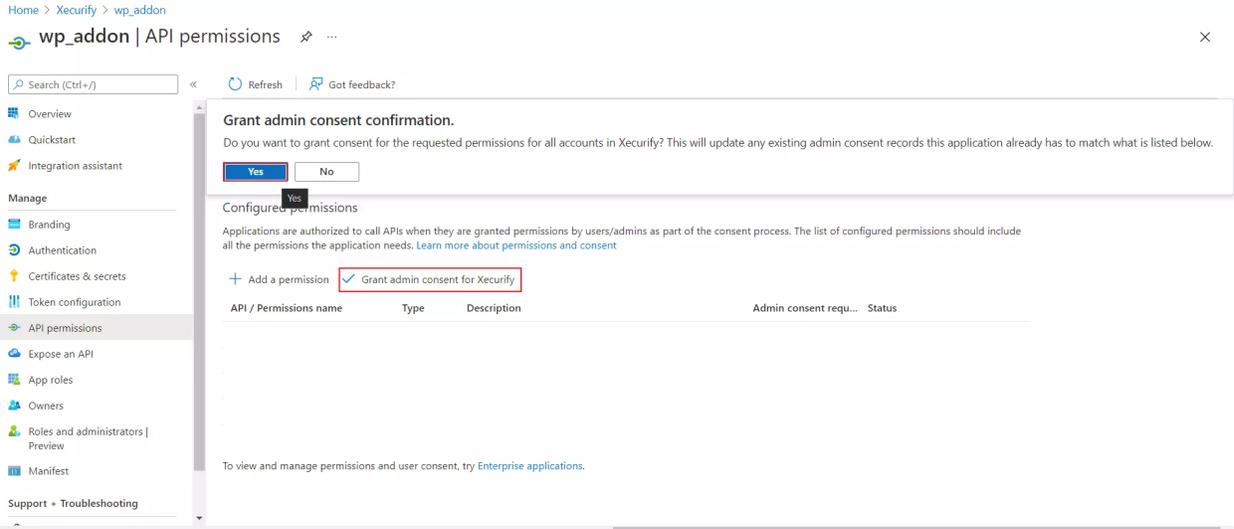
✓ User (1)

<input type="checkbox"/>	User.Export.All ⓘ Export user's data	Yes
<input type="checkbox"/>	User.Invite.All ⓘ Invite guest users to the organization	Yes
<input type="checkbox"/>	User.ManageIdentities.All ⓘ Manage all users' identities	Yes
<input checked="" type="checkbox"/>	User.Read.All ⓘ Read all users' full profiles	Yes
<input type="checkbox"/>	User.ReadWrite.All ⓘ Read and write all users' full profiles	Yes

Add permissions

Discard

- Click on Grant admin consent for Default Directory and click on Yes on grant admin consent confirmation.



You have successfully configured Azure AD app to achieve User Sync into your WordPress Site.

## 2. Configure User Sync for Azure AD Office365 plugin

- Navigate to the User Sync for Azure AD/Office365 plugin.
- Under the **Manage Application** tab, paste the information from the Azure AD App.

Application ID	Paste the <b>Application ID</b> from Azure AD App.
Client Secrets	Paste the <b>Client Secret</b> from the Azure AD App.
Redirect URI	Enter the <b>URL of your WordPress site</b> .
Tenant ID	Paste the <b>Directory ID</b> from Azure AD App.



### Configure Microsoft Graph Application

#### 1. Basic App Configuration

Configure following settings to register your Azure AD / Azure B2C Application here. You can check your settings correctly configured or not using **Test Configuration**. Please note that to test the configuration of your application you will need `UserPrincipalName`/ID of User.

Please find the button to the **step by step guide** for setting up the following configurations: [Click here to open Guide](#)

How do you want to sync users?

AD → WP

AD ← WP

Application ID \*

abfbdcc2-5017-44a7-bf95-720be8ec0481

Note: You can find the **Application ID** in your Active Directory application's Overview tab.

Client Secret \*

.....

Note: You can find the **Client Secret** value in your Active Directory application's Certificates & Secrets tab.

Redirect URI \*

https://localhost/wordpress/

Note: This is your WordPress site URL

Tenant ID \*

b69720f2-cf8a-47f9-93ba-3be0f24c1e6b

Note: You can find the **Tenant ID** in your Active Directory application's Overview tab.

Test UPN/ID

Enter UserPrincipalName/Object ID of User To Test (optional)

Note: You can find the **User Principle Name / Object ID** in the user profile in Users tab in your active directory. You can click on **Test Configuration** to see all the attributes of this user.

Save

Test Configuration

- Click on **Save** button to save the configurations.

### 3. Test Connection

- Enter **UserPrincipalName / ID** of any user of your Azure AD Application and click on the **Save** button.
- Click on the **Test Configuration** to check if correct user attributes are getting for the entered **UserPrincipalName** value.



[+ Manage Application](#)

[Profile Mapping](#)

[Synchronization](#)

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Enter Your Application (Client) ID

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Client Secret \*

Enter Your Client Secret

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Redirect URI \*

https://localhost/wordpress

Note: This is your WordPress site URL

Tenant ID \*

Enter Your Directory (Tenant) ID

Note: You can find the **Tenant ID** in your Active Directory application's Overview tab.

Test UPN/ID

Enter UserPrincipalName/Object ID of User To Test (optional)

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[Save](#)

[Test Configuration](#)

- On successful configuration you will be able to view the attributes received from Azure AD.

Success

### Test Attributes:



@odata.context	https://graph.microsoft.com/beta/\$metadata#users/\$entity
id	5b6027d5-77fa-427d-b22c-99ea795e38ec
accountEnabled	1
createdDateTime	2021-11-22T08:09:35Z
companyName	miniOrange
department	IAM
displayName	
givenName	

## 4. Sync User to WordPress Database

- Navigate to the **WordPress User Sync** tab.

### Sync an individual user

- Enter **UserPrincipalName / ID** of any user of your Azure AD application.
- Click on the **Sync** button to sync your Azure AD user to your WordPress site Database.

+ Manage ApplicationProfile MappingSynchronizationMail

## Users Sync From Azure To WordPress Settings

This feature is useful to sync the users from your Active Directory to WordPress Database using manual provisioning or automatic provisioning.

### 1. Manual provisioning

It provides the feature to sync an individual user and to sync all the users at once.

Sync an individual user

Sync

**Note:** You can find the **User Principle Name / Object ID** of user in the user profile in Users tab in your active directory.

Sync All Users

**Note:** This will sync all users from your active directory to WordPress.

Sync All Users

### 2. Automatic provisioning [Available in Premium Plugin]

Azure AD / B2C to WordPress user sync can be scheduled at a specific time interval. This will create / update the users automatically after the time specified in the Enable Automatic User Creation field. Number of users synced per request can be configured here in Limit Provisioning Rate input field.

## Sync all users

- Click on the **Sync All Users** button to sync your all Azure AD users to your WordPress site Database.

[+ Manage Application](#)[Profile Mapping](#)[Synchronization](#)[Mail](#)

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- The user will be created in the WordPress. If the user already exists then it will get updated.
- Now to view the user attributes which you have sync from Azure AD to WordPress. Navigate to the Users tab in the plugins section.

The screenshot shows the WordPress 'Users' management page. The search results for 'testuser@moxecurify.onmicrosoft.com' are displayed. The user profile is highlighted with a red box. The user's details are as follows:

Username	Name	Email	Role	Posts
<input type="checkbox"/>	10600b75-dabe-40db-952b-ba1f622dfd16	testuser@moxecurify.onmicrosoft.com	Subscriber	0

You have successfully configured User Sync for Azure AD Office365.