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Setup Drupal Azure Synchronization

1. Setup Drupal

In the **Configuration** tab, click on the **Azure AD Sync** link.

Click on the **Let's configure the module** button.

Let's Get Started!

Hello admin, thank you for installing **User Sync For Azure AD/B2C** module!

This module offers bidirectional user synchronization between your Azure AD/B2C and your Drupal site using Microsoft Graph APIs. Make sure to check out the list of supported features and integrations to increase the functionality of your Drupal site.

Feel free to contact us at drupal@support@securify.com for further queries or questions.

Setup Guide
Let's configure the module >

Watch on YouTube

In STEP 1, You can select how you would like to perform the Sync. For Drupal to Azure Sync, click on the first (left) GIF.

STEP 1/3 Setup Guide Video Guide

Please select how would you like to perform the sync with Azure AD

Drupal to Azure AD Synchronization

Drupal Site Azure Portal

Azure AD to Drupal Synchronization

Drupal Site Azure Portal

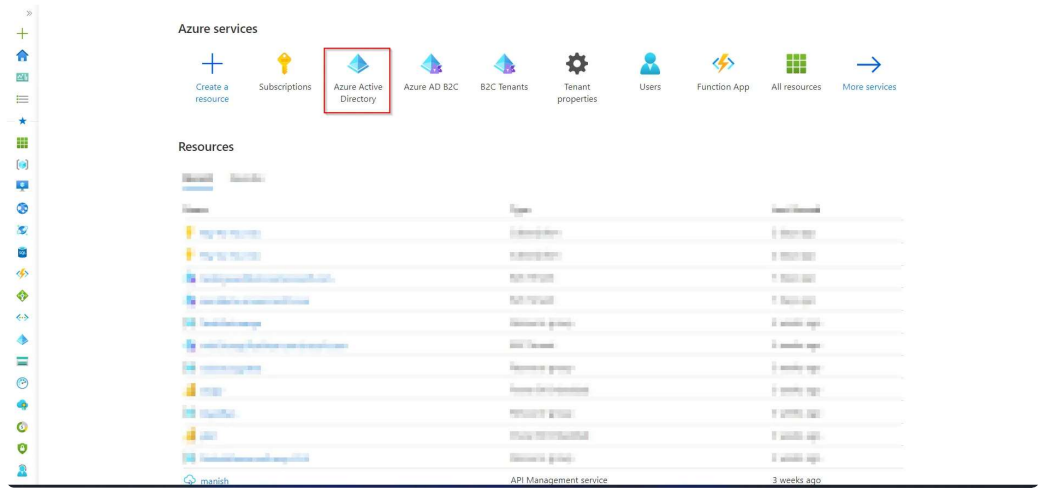
2. Setup Azure AD

Sign in to the Azure portal.

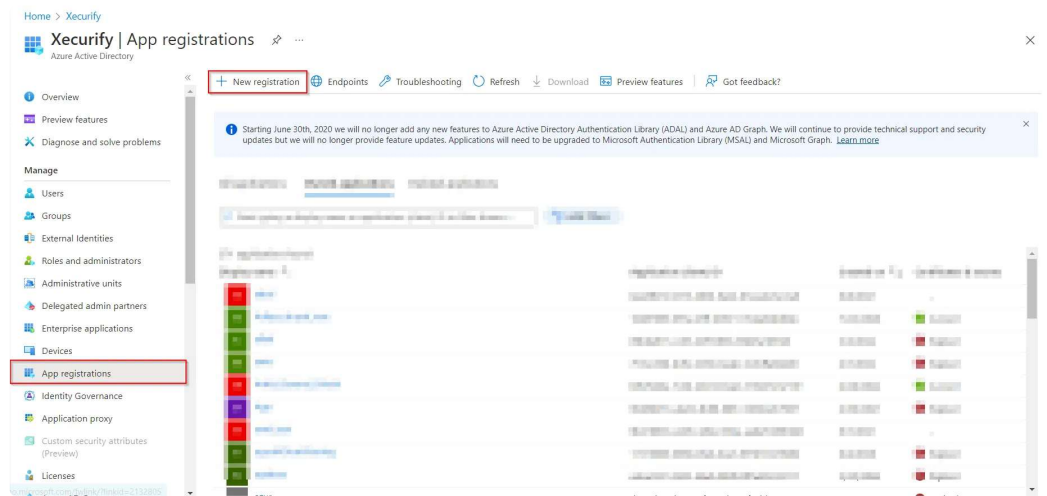
Click on the **Azure Active Directory** from the **Azure services**.

Hello there!

Need Help? We are right here!



From the left navigation panel, click on the **App registrations** service, and then click on the **New registration** button.



On the **Register an application** page, please enter the information based on the instructions mentioned below :

Name: Display name of the application.

Supported account types: Select one of the listed options as per your choice. You can also refer to Help me choose an option if needed.

Click on the **Register** button.

Hello there!

Need Help? We are right here!

Home > Xecurify | App registrations >

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 (Xecurify 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.

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

3. Add API Permissions to your Azure AD Application

Go to **API Permissions** from the left navigation panel and click on the **Add a permission** button.

The screenshot shows the 'API permissions' page in the Azure AD portal. The left-hand navigation pane is visible, with 'API permissions' selected and highlighted in red. The main content area shows the 'Configured permissions' section for the application 'Drupal-Azure-Sync'. A red box highlights the '+ Add a permission' button. Below this, there is a table with columns for 'API / Permissions name', 'Type', 'Description', 'Admin consent requ...', and 'Status'. The table currently shows 'No permissions added'. At the bottom of the page, there is a 'Support + Troubleshooting' section with links for 'Troubleshooting' and 'New support request'.

Select **Microsoft Graph** under the Microsoft APIs tab and select **Application Permissions**.

In the **Select Permission search bar**, search for the **user**.

Hello there!

Need Help? We are right here!

Request API permissions



< All APIs

Microsoft Graph
<https://graph.microsoft.com/> Docs

What type of permissions does your application require?

Delegated permissions
Your application needs to access the API as the signed-in user.

Application permissions
Your application runs as a background service or daemon without a signed-in user.

Select permissions

expand all

User

Permission	Admin consent required
> CrossTenantUserProfileSharing	
> IdentityRiskyUser	
> IdentityUserFlow	
> TeamsAppInstallation	
> TeamsTab	

Add permissions Discard

Under User, select **User.ReadWrite.All** permission, click on the **Add permissions** button.

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 type="checkbox"/>	User.Read.All Read all users' full profiles	Yes
<input type="checkbox"/>	User.ReadBasic.All Read all users' basic profiles	Yes
<input checked="" 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 the **Yes** button to grant admin consent confirmation.

Hello there!

Need Help? We are right here!

Refresh | Got feedback?

Grant admin consent confirmation.

Do you want to grant consent for the requested permissions for all accounts in Xecurify? This will update any existing admin consent records this application already has to match what is listed below.

+ Add a permission Grant admin consent for Xecurify

API / Permissions name	Type	Description	Admin consent requ...	Status
Microsoft Graph (1)				
User.ReadWrite.All	Application	Read and write all users' full profiles	Yes	⚠ Not granted for Xecurify

To view and manage consented permissions for individual apps, as well as your tenant's consent settings, try [Enterprise applications](#).

4. Integrating Drupal with Azure AD

In STEP 2, you will have to configure the below-mentioned values from the Azure AD into Drupal.

Tenant ID:

From the **Overview** section of the Azure AD Application, copy the **Directory (Tenant) ID** value.

Home > Drupal-Azure-Sync

Search

Overview

Essentials

Display name: [Drupal-Azure-Sync](#)

Application (client) ID: [\[redacted\]](#)

Object ID: [\[redacted\]](#)

Directory (tenant) ID: [\[redacted\]](#)

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

Client credentials: [Add a certificate or secret](#)

Redirect URIs: [Add a Redirect URI](#)

Application ID URI: [Add an Application ID URI](#)

Managed application in local directory: [Drupal-Azure-Sync](#)

Now, paste the copied Tenant ID into Drupal's **Tenant ID** text field.

Application (Client) ID:

From the **Overview** section of the Azure AD Application, copy the **Application (client) ID** value.

Home > Drupal-Azure-Sync

Search

Overview

Essentials

Display name: [Drupal-Azure-Sync](#)

Application (client) ID: [\[redacted\]](#)

Object ID: [\[redacted\]](#)

Directory (tenant) ID: [\[redacted\]](#)

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

Client credentials: [Add a certificate or secret](#)

Redirect URIs: [Add a Redirect URI](#)

Application ID URI: [Add an Application ID URI](#)

Managed application in local directory: [Drupal-Azure-Sync](#)

Paste the copied Client ID in the Drupal's **Application (Client) ID** text field.

Client Secret:

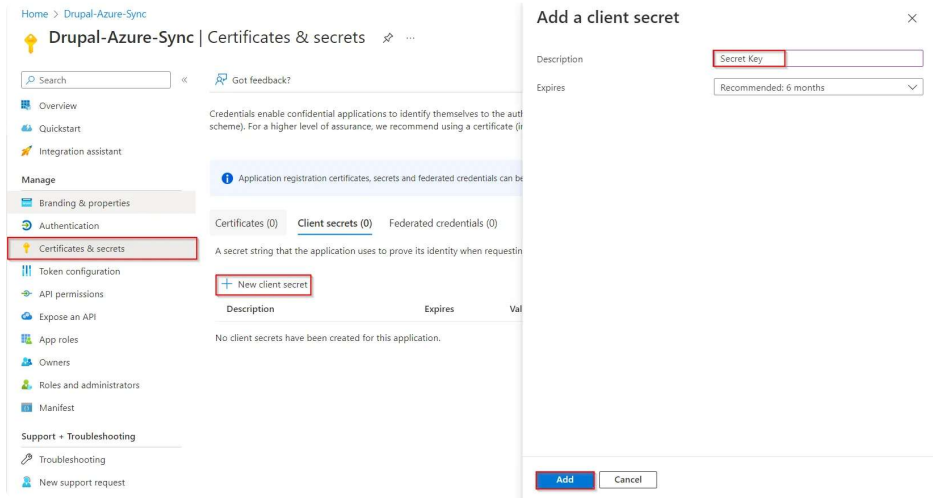
From the left navigation panel, click on the **Certificates & secrets** menu and click on the **New client secret** button.

Add a description for the secret and select the expiry of the secret.

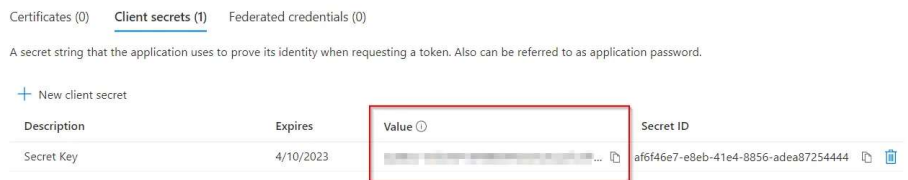
Click on the **Add** button.

Hello there!

Need Help? We are right here!



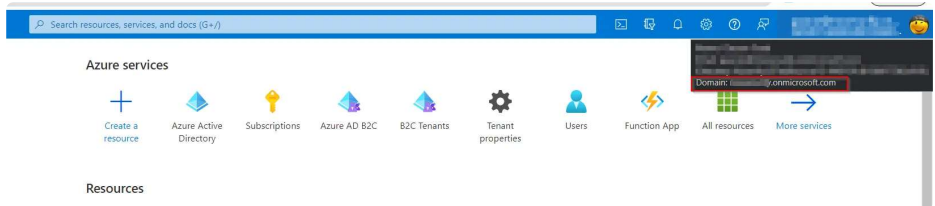
Copy the Secret Value.



Paste the copied Secret value in Drupal's **Client Secret** text field

Tenant Name/Primary Domain:

In the same window, hover on your profile (top right corner) and note down the Domain mentioned in the pop-up box.



Paste the noted Domain value in Drupal's **Tenant Name/Primary Domain** text field.

Test UPN/ID:

Navigate to the Azure AD and select the **Users** menu from the left navigation panel.

Copy your user's **User Principal Name** to test out the integration of Drupal and Azure AD.

Paste the copied User Principal Name in Drupal's **Test UPN/ID** text field.

Hello there!

Need Help? We are right here!

STEP 2/3 Setup Guide Video Guide

Azure App Configuration

Configure the following settings to register your Azure AD/B2C application in Drupal.

Tenant ID:	<input type="text"/>
Application (Client) ID:	<input type="text"/>
Client Secret:	<input type="text"/>
Tenant Name/Primary Domain:	<input type="text"/>
Redirect URI: (Optional)	https://localhost/drupal
Test UPN/ID:	<input type="text"/>

[< Back](#) [Save and Test Configuration](#) [Next >](#)

Test Configuration Result

Once done with all the Configurations, click on the **Save and Test Configuration** button.

If the Test Configuration is successful, you will receive a success message like:

Status message
Test Configuration successful. You can check the complete list of attributes received from Azure AD by clicking on the link [HERE](#). Now, click on the **Step 3/3** button.

STEP 2/3 Setup Guide Video Guide

Azure App Configuration

Configure the following settings to register your Azure AD/B2C application in Drupal.

If you want, you can click on the link in the success message to check the attributes received from Azure AD.

Alternatively, if there is an error in the integration of Azure AD with Drupal, then you can check the cause of the error by following the link in the error message or scrolling down to the **Test Configuration Result** section.

Error message
An error occurred while performing test configuration. Please refer to [Test Configuration Result](#) for more information.

STEP 2/3 Setup Guide Video Guide

Azure App Configuration

Configure the following settings to register your Azure AD/B2C application in Drupal.

Once successful integration, click on the **Next** button.

5. Provisioning / Synchronization

In STEP 3, you can choose the method to provision the user.

Manual/On-demand Provisioning:

Hello there!

Need Help? We are right here!

This method allows you to automatically create a new user in Azure AD.

Click on the **Configure** button of the **Manual/On-Demand Provisioning** section.

STEP 3/3 Setup Guide Video Guide

Types of Provisioning

Manual/On-Demand Provisioning

This will allow you to manually create any Drupal user in Azure AD.

[Configure](#)

Automatic Provisioning

This will allow you to automatically create any Drupal user in Azure AD if user registers in your Drupal site.

[Configure](#)

Scheduler based Provisioning

This will allow you to create any Drupal user in Azure AD on the CRON.

[Configure](#)

[Back](#)

Under the **Manual Provisioning Configuration** section, check the checkbox of **Create User** and click on the **Save** button.

Choose Operations in Manual Provisioning

Read user **Create user** Update user (PREMIUM) Deactivate user (PREMIUM) Delete user (PREMIUM) [Save](#)

Once saved, you can find the **Sync Users** section.

In the search field, you can enter the username of Drupal's user and then click on the **Sync** button.

Sync Users

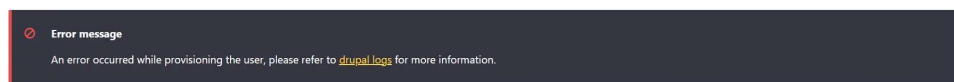
Note: Search the username of user to sync (create) it to the Active Directory.

[Sync](#) [Sync All Users](#)

If the provisioning is successful, you will receive the following status message:



Alternatively, if there is an error in provisioning the user account to Azure AD, you can check the cause of the error by following the link in the error message.



Automatic Provisioning:

This method allows you to automatically create a new user in Azure AD once the account is created in Drupal.

Click on the **Configure** button of the **Automatic Provisioning** section.

Hello there!

Need Help? We are right here!

STEP 3/3 [Setup Guide](#) [Video Guide](#)

Types of Provisioning

Manual/On-Demand Provisioning

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This will allow you to automatically create any Drupal user in Azure AD if user registers in your Drupal site.


[Configure](#)

Scheduler based Provisioning

This will allow you to create any Drupal user in Azure AD on the CRON.

[Configure](#)

[< Back](#)



Under the **Automatic Provisioning Configuration** section, check the checkbox of **Create User** and click on the **Save** button.

Choose Operations in Automatic Provisioning

Read user
 Create user
 Update user (PREMIUM)
 Deactivate user (PREMIUM)
 Delete user (PREMIUM)
 [**Save**](#)

Now, you can try to create a new user on the Drupal site and check the logs by navigating to **Reports** -> **Recent log messages** and using the **user_provisioning** filter.

6. Support / Contact US

If you have any questions or queries related to the Drupal Azure Sync module, you can reach out to us by clicking on the support icon present in the bottom right corner.

Hello there!

Need Help? We are right here!

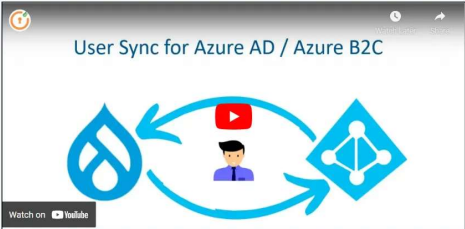
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Feel free to contact us at drupal@securify.com for further queries or questions.

[Setup Guide](#) [Let's configure the module >](#)




Contact miniOrange Support ✕

Email *

What are you looking for

How can we help you? *

[Submit](#)



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Product