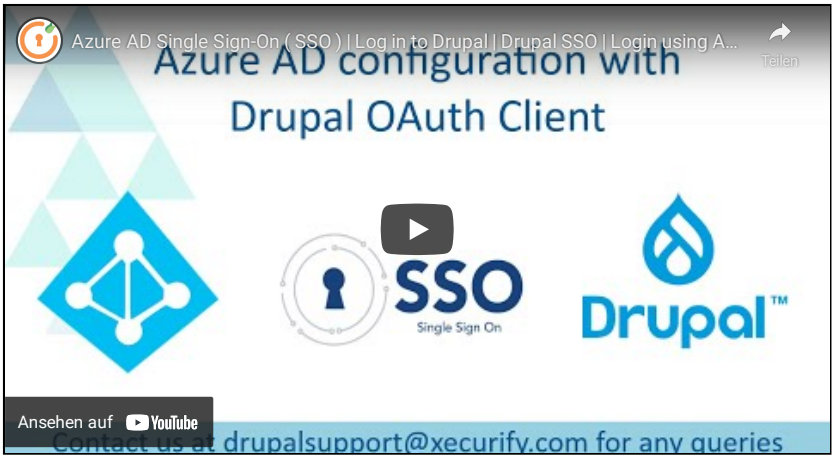
Contents

Azure AD SSO Login with Drupal OAuth Client | Drupal SSO Login

Drupal Azure AD SSO integration will allow you to configure Single Sign-On (SSO) login between your Drupal site and Azure AD using OAuth/OpenID protocol. Drupal OAuth 2.0/OpenID connect module gives the ability to enable login using OAuth 2.0/OIDC Single Sign-On to Drupal Site. We provide the Drupal OAuth/OpenID Client module for Drupal 7, Drupal 8, and Drupal 9.
Here we will go through a guide to configure the SSO login between Drupal and Azure AD. By following these steps, users of Azure AD will be able to log into the Drupal site using their Azure AD credentials.
If you have any queries or if you need any sort of assistance in configuring the module, you can contact us at drupalsupport@xecurify.com.
If you want, we can also schedule an online meeting to help you configure the Drupal OAuth & OpenID Connect Login – OAuth2 Client SSO Login module.

Video Setup Azure AD Single Sign-on Integartion with Drupal OAuth/OpenID Client

You can refer the steps to Configure Azure AD SSO integration with the Drupal OAuth/OIDC Client module from the Video or Documentation given below:



Features and Pricing

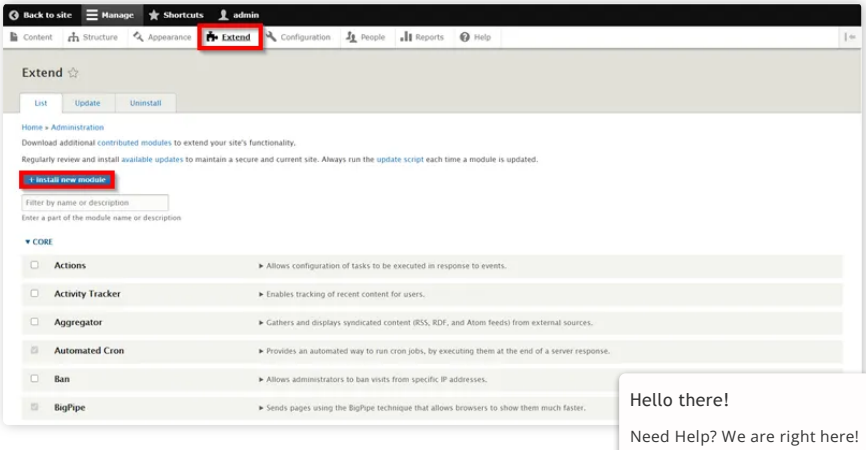
Know more about Drupal OAuth/OpenID Single Sign On from here.

Pre-requisites: Download

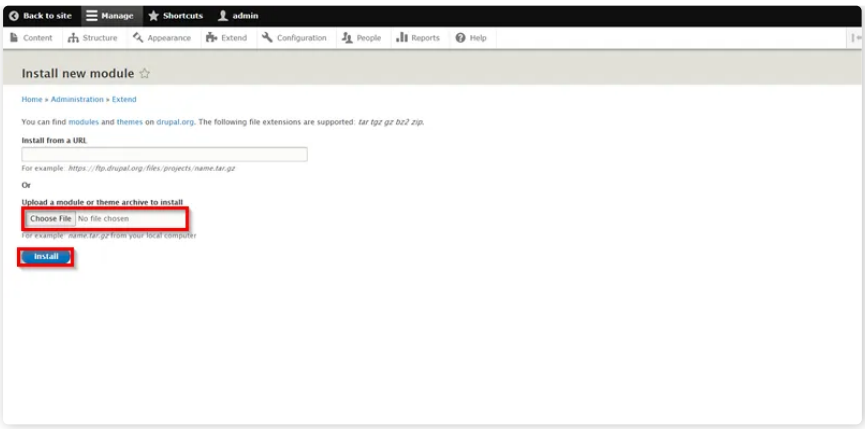
You can download the Drupal OAuth/OpenID Single Sign On module from here.

1. Setup Drupal as OAuth Client

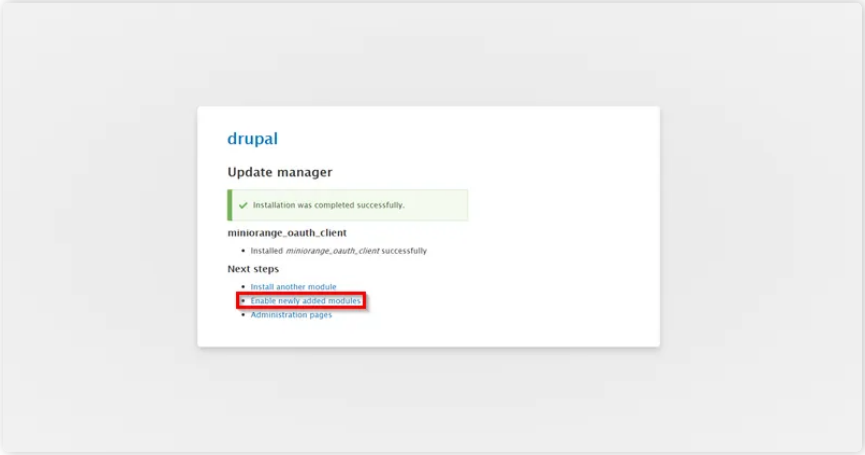
- Login in your Drupal site's admin console and click on **Extend** from the top navigation bar.
- Select the **Install new module** option to install a new module on your Drupal site.



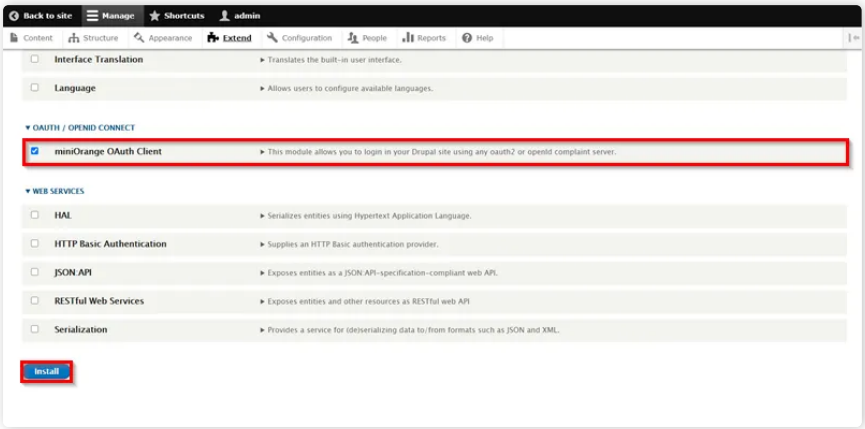
- Upload the downloaded **zip** file of the Module and click on the **Install** button to continue.



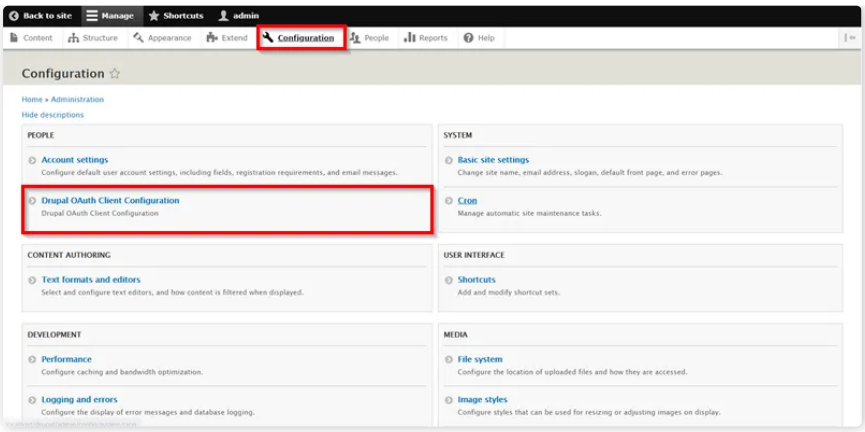
- Select **Enable newly added modules**.



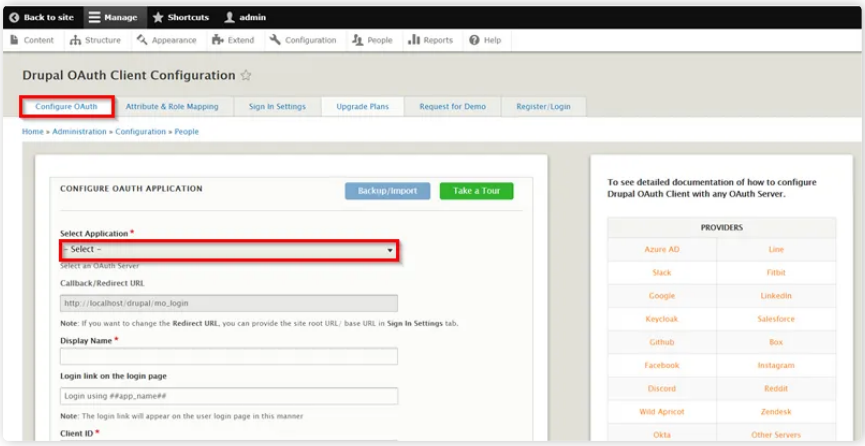
- Scroll down till you find **miniOrange OAuth Client**. Click on the checkbox next to it and click on the **Install** button to enable the module.



- Click on **Configuration** from the top navigation bar and Select **Drupal OAuth Client Configuration**.

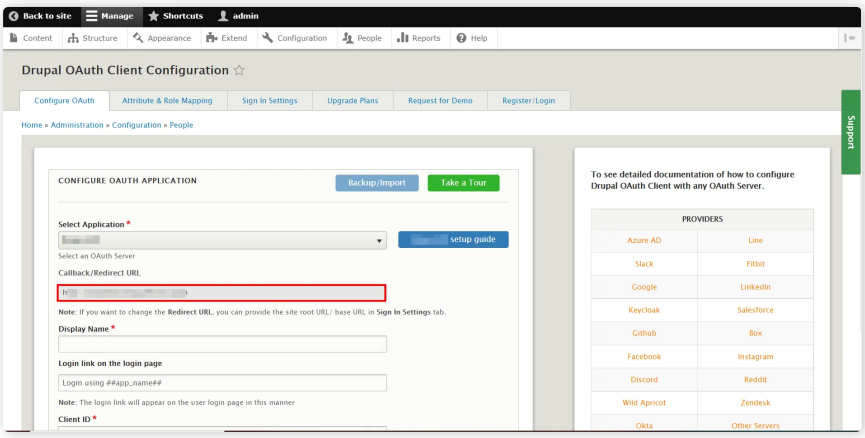


- In the **Configure OAuth** tab, select **OAuth Provider** from the Select Application dropdown.



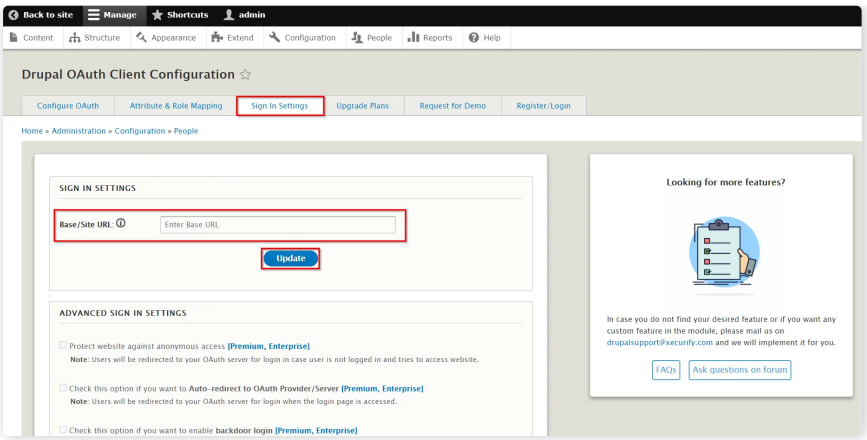
Note: In case you do not find your OAuth Provider listed in the dropdown, please select Custom OAuth Provider and continue.

- Copy the **Callback URL** from the **Callback / Redirect URL** text field and keep it handy.



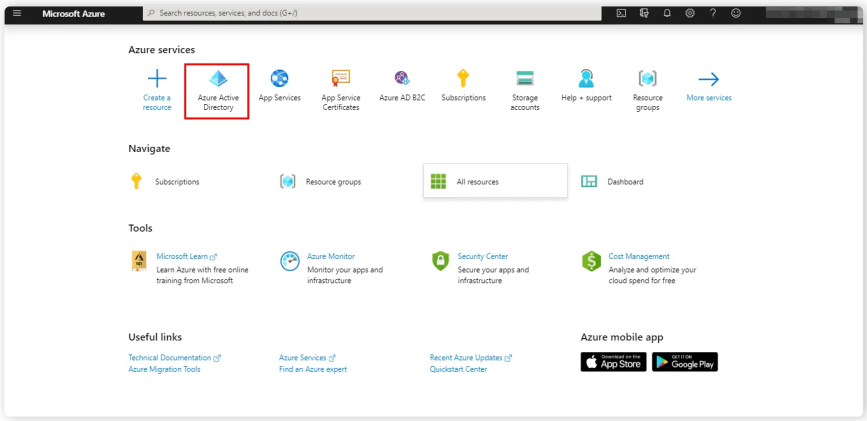
Please note: A few of the popular service providers like Azure AD, Azure B2C, Facebook etc. support only HTTPS Callback URL (However, HTTP URL will work in the case of localhost). So, currently, if your site is HTTP, you can change it to HTTPS by following the steps listed down below :

- Go to the **Sign In Settings** tab.
- In the Base /Site URL text field, enter your Drupal site's base/root URL with HTTPS (For eg. if your site is http://abc.com, you will need to save this value: https://abc.com).
- Click on the **Update** button.

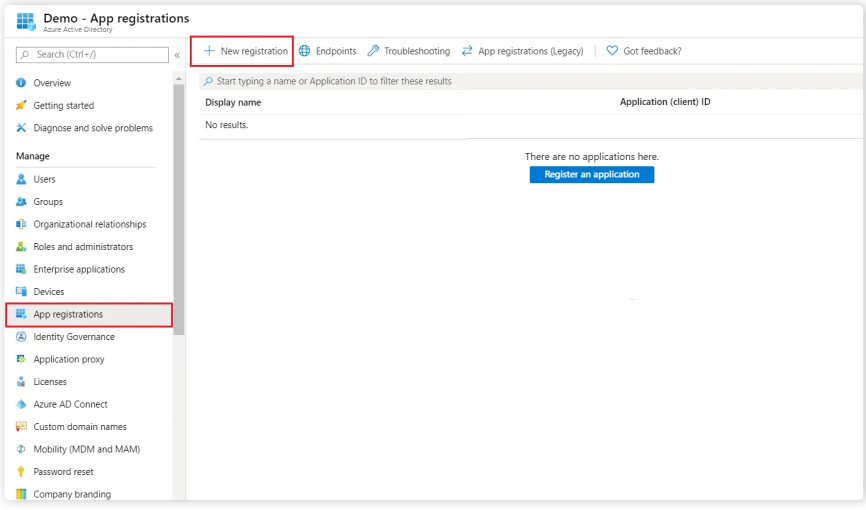


2. Setup Azure AD as an OAuth Provider

- Sign in to Azure portal.
- Click on **Azure Active Directory** from **Azure services**.



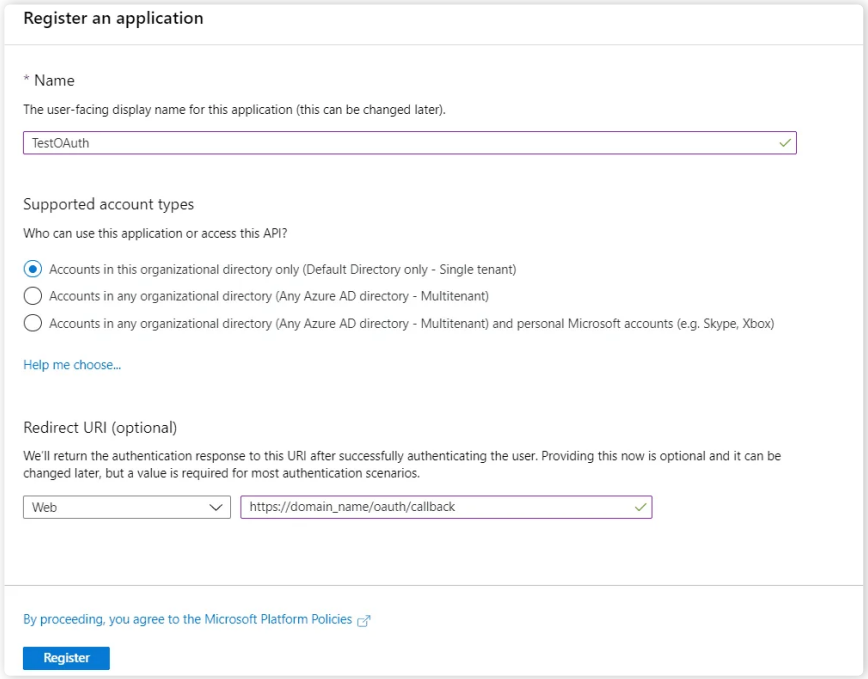
- In the left-hand navigation pane, click the **App registrations** service, and click **New registration**.



- When the Create page appears, enter your application's registration information:

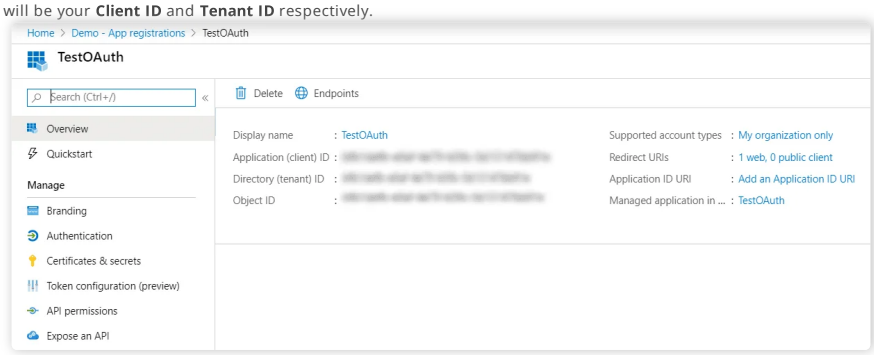
Name :	Name of your application.
Application type :	• Select *"Native"* for client applications that are installed locally on a device. This setting is used for OAuth p ublic native clients • Select *"Web app / API"* for client applications and resource/API applications that are installed on a secure s erver. This setting is used for OAuth confidential web clients and The s e application can also expose both a client and resource/API.
Sign-on	• For "Web app / API" applications, provide the base URL of your app. **eg, https://<domain-name>/mo_logi**

URL :	**n** might be the URL for a web app running on your local machine. Users would use this URL to sign in to a web client application. • For *"Native"* applications, provide the URI used by Azure AD to return token responses. Enter a value specific to your application. eg, https://localhost/drupal

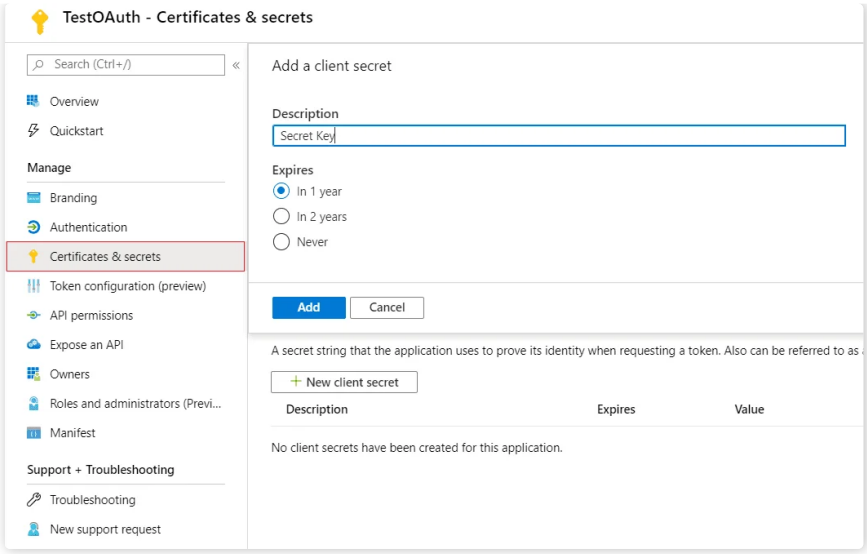


3. Integrating Drupal with Azure AD

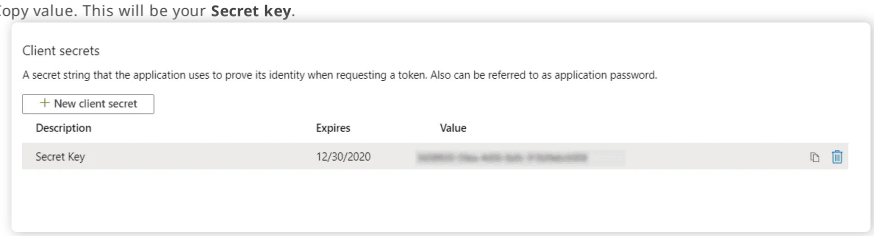
- When finished, click **Register**. Azure AD assigns a unique Application ID to your application. Copy **Application ID** and the **Directory ID**, this will be your **Client ID** and **Tenant ID** respectively.



- Go to **Certificates and Secrets** from the left navigaton pane and click on **New Client Secret**. Enter description and expiration time and click on **ADD** option.



- Copy value. This will be your **Secret key**.

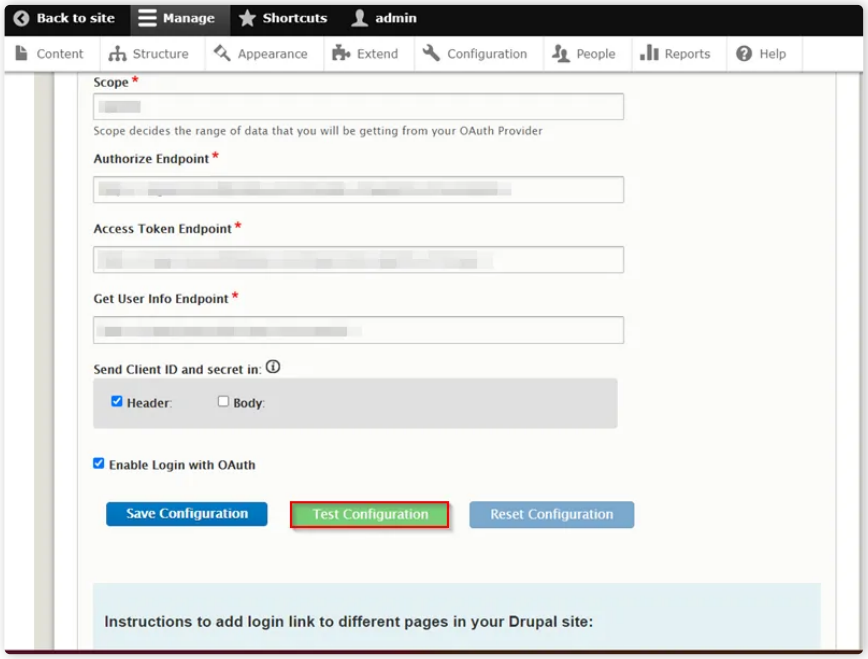


- Azure AD Endpoints and scope:

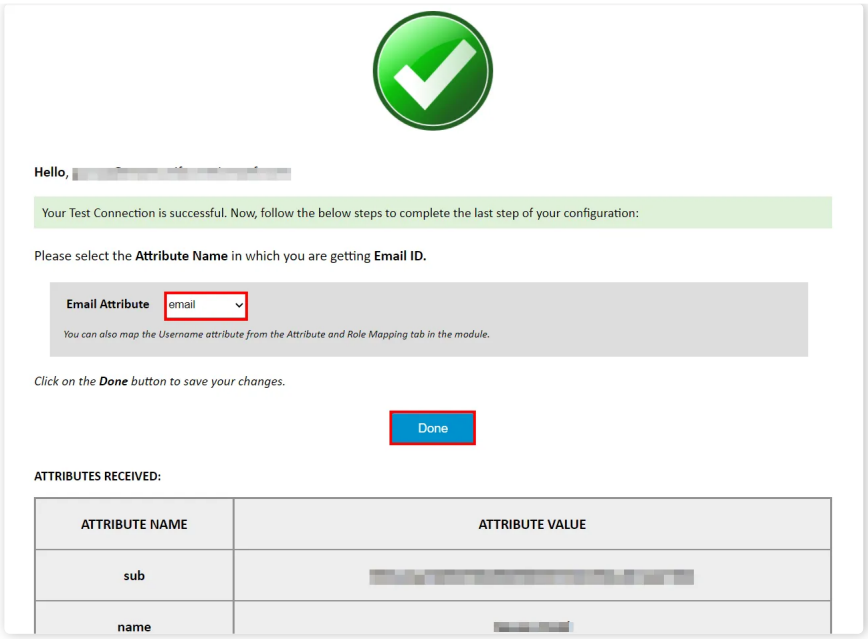
Scope:	openid email profile
Authorize Endpoint:	https://login.microsoftonline.com/[tenant-id]/oauth2/v2.0/authorize
Access Token Endpoint:	https://login.microsoftonline.com/[tenant-id]/oauth2/v2.0/token
Get User Info Endpoint:	https://graph.microsoft.com/beta/me

4. Test Configuration of Drupal with Azure AD

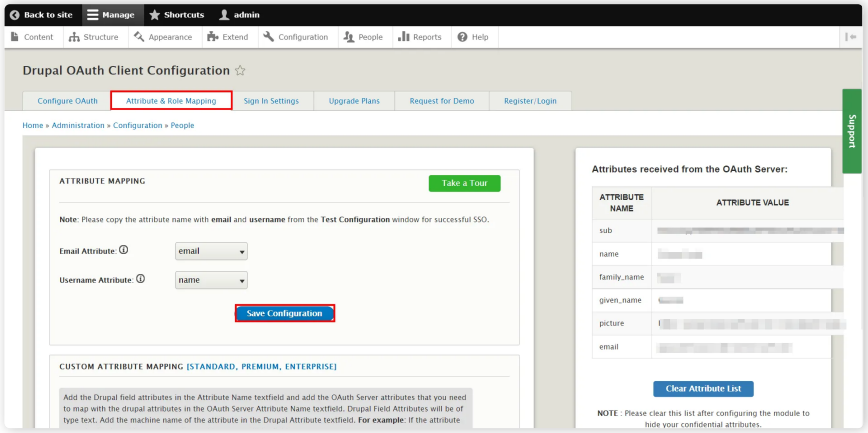
- After successfully saving the configurations, please click on the **Test Configuration** button to test the connection between Drupal and Azure AD.



- This **Test Configuration window** will provide you with a list of the attributes that are c
- Select the Email Attribute from the dropdown menu in which the user's email ID is obta



- Now, in the **Attribute & Role Mapping** tab, you can also choose the Username Attribute from the dropdown and click on the **Save Configuration** button.



Please note: Mapping the Email Attribute is mandatory for your login to work.

- Now log out and go to your Drupal site's login page. You will automatically find a Login with Azure AD link there. If you want to add the SSO link to other pages as well, please follow the steps given in the image below :

24*7 Active Support

If you face any issues or if you have any questions, please feel free to reach out to us at drupalsupport@xecurify.com. In case you want some additional features to be included in the module, please get in touch with us, and we can get that custom-made for you. Also, If you want, we can also schedule an online meeting to help you configure the Drupal OAuth/OpenID Single Sign On module.

Additional Resources

- What is OAuth 2.0?
- What is OpenID Connect?

- Frequently Asked Questions (FAQs)

Our Other modules

SAML SP | SAML IDP | 2FA | OAuth/OIDC Client | LDAP/AD Login | OAuth Server | OTP Verification | Website Security | Rest API Authentication | SCIM User Provisioning