

OpenID Connect Directory Manager Plugin

- Introduction
- Configurations Steps
- OpenID Plugin Configuration
 - OpenID Provider Details
 - Configure OpenID Connect Login Button
 - Sample Configurations
- Download Plugin
- Change Logs

Introduction

OpenID Directory Manager plugin enables the use of OpenID Connect to authenticate users to sign in to Joget.

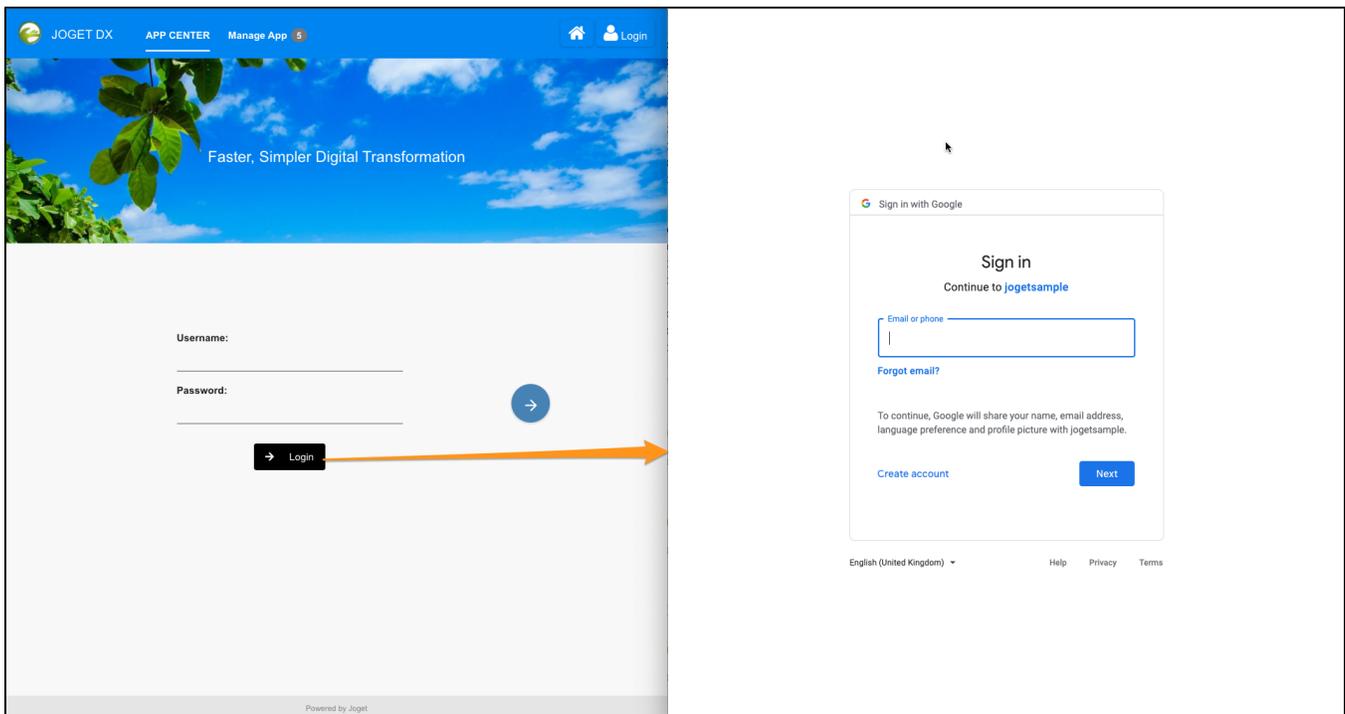
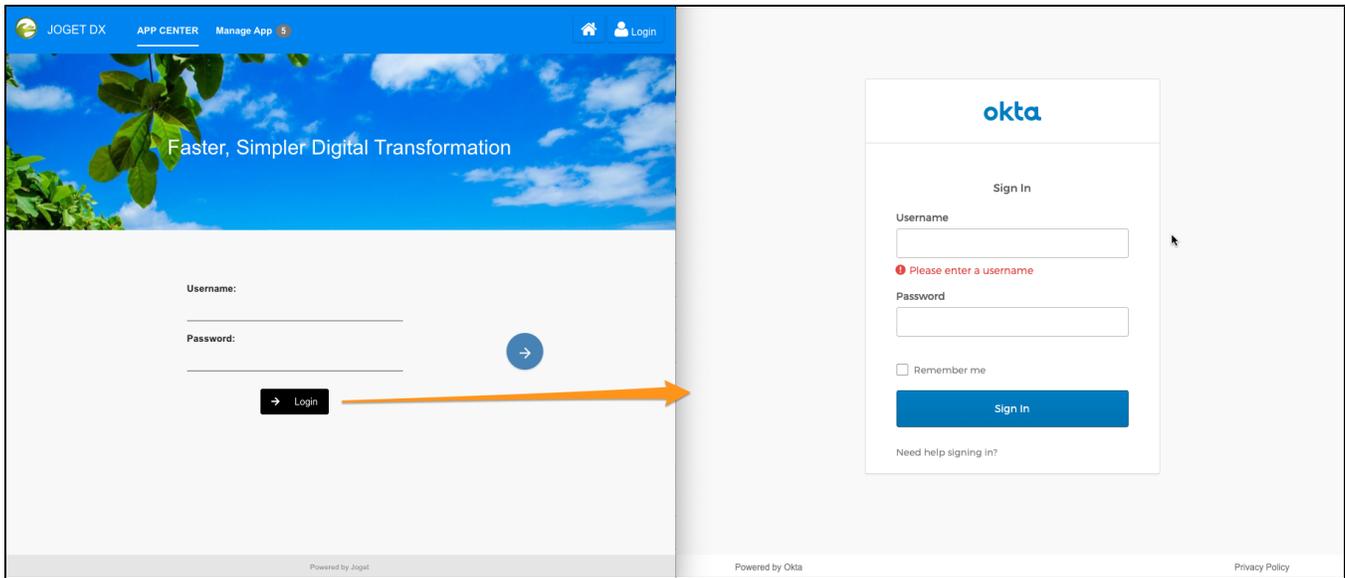


Figure 1: Login screen with an additional sign-in button using OpenID Directory Manager plugin

Upon clicking on the login button, users will be redirected to the configured OpenID Connect site where they will log in. When a user is authenticated, it will then redirect back to Joget using the "Callback URL" configured in the plugin.

This plugin requires the use of Joget Professional edition and above.

This plugin source code is available in a new open source repository at <https://github.com/jogetoss/>. JogetOSS is a community-led team for open source software related to the Joget no-code/low-code application platform. Projects under JogetOSS are community-driven and community-supported, and you are welcome to contribute to the projects.

Configurations Steps

1. Install the OpenID Connect Directory Manager Plugin from the Joget Marketplace.
2. In the Joget **System Settings > General Settings**, set **API Domain Whitelist** to * (IMPORTANT NOTE: If this is not set, you will get a 400 Forbidden error when performing the SSO)
3. In the Joget **System Settings > Directory Manager**, select the Open ID Connect Plugin.
4. Provide the callback URL to your OID provider and obtain the settings to configure in Joget.
5. In the OpenID Connect Directory Manager Plugin, configure it according to the settings provided by your OID provider.

OpenID Plugin Configuration

OpenID Provider Details

Attribute	Description
Callback URL	URL to which Auth0 redirects users after they authenticate. Ensure to provide this Callback URL to your OpenID Connect service.
Issuer	<ul style="list-style-type: none"> • Issuer URL • Custom
Issuer URL	URL which is used to validate the discovery URL (Issuer URL + <code>/.well-known/openid-configuration</code>) URL where Auth0 can find the OpenID Provider Configuration Document, which should be available in the <code>/.well-known/openid-configuration</code> endpoint.
Authorization Token Endpoint	<p>Authorization server's authorization endpoint, which you can retrieve using the server's Metadata URI (Issuer URL + <code>/.well-known/openid-configuration</code>).</p> <div style="background-color: #f0f0f0; padding: 5px; margin-bottom: 5px;">Sample Format</div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> <code>https://\${Issuer URL}/oauth2/\${authServerId}/v1/authorize</code> </div> <p>Available when Issuer is set to "Custom".</p>
Token Endpoint	<p>The endpoint on the Authorization Server is used to programmatically request tokens, which you can retrieve using the server's Metadata URI (Issuer URL + <code>/.well-known/openid-configuration</code>).</p> <div style="background-color: #f0f0f0; padding: 5px; margin-bottom: 5px;">Sample Format</div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> <code>https://\${Issuer URL}/oauth2/\${authServerId}/v1/token</code> </div> <p>Available when Issuer is set to "Custom".</p>
User Info Endpoint	<p>User Profile Information, which you can retrieve using the server's Metadata URI (Issuer URL + <code>/.well-known/openid-configuration</code>).</p> <div style="background-color: #f0f0f0; padding: 5px; margin-bottom: 5px;">Sample Format</div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> <code>https://\${Issuer URL}/oauth2/\${authServerId}/v1/userinfo</code> </div> <p>Available when Issuer is set to "Custom".</p>

Json Web Key Set	<p>Issued by the authorization server and signed using the RS256 signing algorithm</p> <div style="border: 1px solid black; padding: 5px;"> <p>Sample Format</p> <pre>https://\${Issuer URL}/oauth2/\${authServerid}/v1/keys</pre> </div> <p>Available when Issuer is set to "Custom".</p>
Response Types Supported	By default, code
Client ID	The Client ID provisioned by the OpenID provider when the client was registered
Client Secret	The Client Secret (password) provisioned by the OpenID provider when the client was registered
Scope	<p>A list of Auth0 scopes to request when connecting to the Identify Provider.</p> <p>By default, openid profile email</p>
User Provisioning Enabled	If enabled, ensures the user account is created in Joget's User Directory

Configure OpenID Connect Login Button

Attribute	Description
Login Button Text	<p>Login button styling text</p> <div style="border: 1px solid black; padding: 5px;"> <p>Sample Value</p> <p>Login</p> </div>
Login Button Icon	<p>Login button styling icon class</p> <div style="border: 1px solid black; padding: 5px;"> <p>Sample Value</p> <p>fas fa-arrow-right</p> </div>
Button Text Color	<p>Login button styling button text color</p> <div style="border: 1px solid black; padding: 5px;"> <p>Sample Value</p> <p>white</p> </div>
Button Background Color	<p>Login button styling button background-color</p> <div style="border: 1px solid black; padding: 5px;"> <p>Sample Value</p> <p>black</p> </div>

Sample Configurations

Attribute / Provider	OKTA	OKTA	Google	Microsoft Azure AD	Auth0
Issuer	Issuer URL	Custom	Issuer URL	Custom	Issuer URL
Issuer URL	https://dev-sample123.okta.com	https://dev-sample123.okta.com	https://accounts.google.com	https://login.microsoftonline.com/tenantIDSampleValue/v2.0	https://dev-sample123.auth0.com

Authorization Token Endpoint		https://dev-sample123.okta.com/oauth2/v1/authorize		https://login.microsoftonline.com/tenantIDSampleValue/oauth2/v2.0/authorize	
Token Endpoint		https://dev-sample123.okta.com/oauth2/v1/token		https://login.microsoftonline.com/tenantIDSampleValue/oauth2/v2.0/token	
User Info Endpoint		https://dev-sample123.okta.com/oauth2/v1/userinfo		https://graph.microsoft.com/oidc/userinfo	
Json Web Key Set		https://dev-sample123.okta.com/oauth2/v1/keys		https://login.microsoftonline.com/tenantIDSampleValue /discovery/v2.0/keys	
Responses Types Supported	code	code	code	code	code
Client ID	clientIDSampleValue	clientIDSampleValue	clientIDSampleValue	clientIDSampleValue	clientIDSampleValue
Client Secret	clientSecretSampleValue	clientSecretSampleValue	clientSecretSampleValue	clientSecretSampleValue	clientSecretSampleValue
Scope	openid profile email	openid profile email	openid email	openid profile email	openid profile email
Documentation Link	https://developer.okta.com/docs/reference/api/oidc/	https://developer.okta.com/docs/reference/api/oidc/	https://developers.google.com/identity/protocols/oauth2/openid-connect	https://docs.microsoft.com/en-us/azure/active-directory/develop/v2-protocols-oidc https://docs.microsoft.com/en-us/azure/active-directory/develop/quickstart-register-app To obtain all the URL paths, from your Azure App, go to Overview > Endpoints, look for "OpenID Connect metadata document" and open the URL to obtain all the paths.	Connect to OpenID Connect Identity Provider (auth0.com)

Download Plugin

- For Joget DX Enterprise & Professional editions: [Joget Marketplace > View App Details & Download](#)

Change Logs

7.0.3

- [MODIFIED] : Redirect back to referrer after login.
- [FIXED] : Fix nonce issue.

7.0.2

- [FIXED] : Fix Forgot password not displaying on login when enabled.

7.0.1

- [FIXED] : 404 error on first login by local user after enabling the plugin.
- [FIXED] : Incorrect SSO URL.
- [MODIFIED] : Added default values to login button.

7.0.0

- [ADDED] : Initial Release.