

Sync LDAP User Directory Manager

Definition

The **Sync LDAP User Directory Manager** is a hybrid solution that allows you to make use of the user objects from your organization's LDAP server and maintaining organization structure (organization / department / group) locally inside Joget Workflow.

This plugin allows you to import user objects from LDAP server on demand into Joget Workflow's built in user directory manager to reduce its dependency on the LDAP server for improved performance.

New Feature

This is a new feature in Joget Workflow v6.



Important Information

The built in user directory manager is still the primary handler when this plugin is activated. Once you have synchronized the users to the local directory manager, you can assign the users to your organization /department/group/grade which created locally.



Sync Users

With the use of this plugin, we will be able to reduce the conventional load and dependency on the LDAP server and to only use it for authentication purpose.

The administrator of Joget Workflow will hit on the **Sync Users** button when required to perform synchronization with the LDAP server.

Configure Sync LDAP User Directory Manager

Advanced

Result Size Per Paged Search * 100

Debug Mode

Sync Users Submit

Configure Sync LDAP User Directory Manager

URL *
eg. ldap://ldapServer:port

Admin Username (Principal) *

Admin Password (Credential) *

User Base DN *

User Import Search Filter *
(objectClass=person)

Name	Description / Sample Value
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URL	ldap://IP_ADDRESS:389
Admin Username (Principal)	cn=admin,dc=joget,dc=org
Admin Password (Credential)	admin
User Base DN	<p>User Base DN</p> <div data-bbox="310 373 1484 1050" style="border: 1px solid #ccc; padding: 10px;"> <p>ⓘ Tips</p> <p>If you set the "User Base DN" to your LDAP Root DN, it means that the search will start from the Root DN until it finds all the results that matched the search filter.</p> <p>So, setting the "User Base DN" precisely is very important as it will decide where the search is starting from. It will save all the unnecessary search between the Root DN to your "User Base DN".</p> <div data-bbox="381 558 1463 695" style="border: 1px solid #ccc; padding: 5px;"> <p>Root DN</p> <p>DC=joget,DC=org</p> </div> <div data-bbox="381 716 1463 932" style="border: 1px solid #ccc; padding: 5px;"> <p>Under the Root DN, you have the following DN:</p> <p>DC=HR,DC=joget,DC=org DC=Product Department,DC=joget,DC=org DC=Operation,DC=joget,DC=org DC=Users,DC=joget,DC=org</p> </div> <p>If your users are all under "DC=Users,DC=joget,DC=org", you should set this to "User Base DN".</p> <p>By doing this, it will not go through all the other entries and it's child entries before reaching "DC=Users,DC=joget,DC=org".</p> </div>
User Import Search Filter	<p>(objectClass=person)</p> <div data-bbox="310 1136 1484 1528" style="border: 1px solid #ccc; padding: 10px;"> <p>ⓘ Tips</p> <div data-bbox="381 1203 1463 1339" style="border: 1px solid #ccc; padding: 5px;"> <p>Value</p> <p>(& (objectClass=person) ((cn=admin) (cn=cat) (cn=jack) (cn=john) (cn=jackie))))</p> </div> <p>This mean all the LDAP entries which have "objectClass" attribute equals to "person" and "cn" attribute equals to either "admin", "cat", "jack", "john" or "jackie" are Joget users.</p> <p>So, when a login is performed by "admin", the search filter will add additional filter and become "(& (&(objectClass=person)((cn=admin)(cn=cat)(cn=jack)(cn=john)(cn=jackie))) (cn=admin)".</p> <p>You will notice an extra (cn=admin) is added to the search filter to make sure it return only the "admin" user.</p> </div> <div data-bbox="310 1549 1484 1686" style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;"> <p>ⓘ User License</p> <p>User license determines on how many eventual users (sorted alphabetically) from your LDAP/AD can log in into the system. You can make use of this attribute to control amount of users returned from your LDAP.</p> </div>

User

Attribute Mapping - Username *	<input type="text" value="sAMAccountName"/>
Attribute Mapping - First Name	<input type="text" value="givenName"/>
Attribute Mapping - Last Name	<input type="text" value="sn"/>
Attribute Mapping - Email	<input type="text" value="userPrincipalName"/>
Attribute Mapping - Status	<input type="text"/>
Attribute Mapping - Time Zone	<input type="text"/>
Attribute Mapping - Locale	<input type="text"/>
Attribute Mapping - Employee Code	<input type="text"/>
Attribute Mapping - Job Title	<input type="text"/>

Admin Role

Admin Role Base DN	<input type="text"/>
Admin Role Import Search Filter	<input type="text"/>
Attribute Mapping - Users	<input type="text"/>
Map To LDAP User Entry Primary Attribute	<input type="text" value="distinguishedName"/>

Name	Description / Sample Value
Attribute Mapping - Username	cn
Attribute Mapping - First Name	givenName
Attribute Mapping - Last Name	sn
Attribute Mapping - Email	mail
Attribute Mapping - Status	status
Attribute Mapping - Time Zone	&
Attribute Mapping - Locale	en_US
Attribute Mapping - Employee Code	employeeCode
Attribute Mapping - Job Title	jobTitle

Advanced

Result Size Per Paged Search *	<input type="text" value="100"/>
Debug Mode	<input type="checkbox"/>

Name	Description / Sample Value
Result Size Per Paged Search	100
Debug Mode	Checked <div data-bbox="285 310 1484 474" style="border: 1px solid #ccc; padding: 10px;"><p> Tips</p><p>The Debug Mode is highly recommended to be turned on when configuring the LDAP plugin for the first time.</p><p>When debug mode is on, you can find all the search queries performed by the directory manager. They will all be logged into the log file. From there, you can observe the search filter string and improve the accuracy and performance of the lookup.</p></div>