

# 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	<a href="#">ldap://IP_ADDRESS:389</a>
Admin Username (Principal)	cn=admin,dc=joget,dc=org
Admin Password (Credential)	admin
User Base DN	<div>User Base DN</div> <div><div><div> <b>Tips</b></div><div><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></div><div><div>Root DN</div><div>DC=joget,DC=org</div></div><div><div>Under the Root DN, you have the following DN:</div><div>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</div></div><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></div>
User Import Search Filter	<div>(objectClass=person)</div> <div><div><div> <b>Tips</b></div><div><div>Value</div><div>( &amp; ( objectClass=person ) (   ( cn=admin ) ( cn=cat ) ( cn=jack ) ( cn=john ) ( cn=jackie ) ) )</div></div></div><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 "(&amp;(&amp;(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> <div><div> <b>User License</b></div><div><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></div>

User

Attribute Mapping - Username \*

sAMAccountName

Attribute Mapping - First Name

givenName

Attribute Mapping - Last Name

sn

Attribute Mapping - Email

userPrincipalName

Attribute Mapping - Status

Attribute Mapping - Time Zone

Attribute Mapping - Locale

Attribute Mapping - Employee Code

Attribute Mapping - Job Title

Admin Role

Admin Role Base DN

Admin Role Import Search Filter

Attribute Mapping - Users

Map To LDAP User Entry Primary Attribute

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	8
Attribute Mapping - Locale	en_US
Attribute Mapping - Employee Code	employeeCode
Attribute Mapping - Job Title	jobTitle


Advanced

Result Size Per Paged Search \*

100

Debug Mode

☐

Name	Description / Sample Value
Result Size Per Paged Search	100
Debug Mode	<div>Checked</div> <div><div> <b>Tips</b></div><div>The Debug Mode is highly recommended to be turned on when configuring the LDAP plugin for the first time. When debug mode is on, you can find all the <b>search queries</b> 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.</div></div>