

Configure an LDAP resource

Version Warning



The content below is for Apache Syncope <= 1.2 - for later versions the [Reference Guide](#) is available.

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Introduction

This wiki page shows all the steps needed to configure an external LDAP resource identified by the following connection parameters:

```
Server host: localhost
Server port: 1389
Principal: cn=Directory Manager
Credentials: password
Root suffix: o=isp
```

In order to link an external LDAP resource there are pre-requisites and configuration steps to be satisfied.

Pre-Requisites

1. [Install ConnId LDAP connector bundle](#)

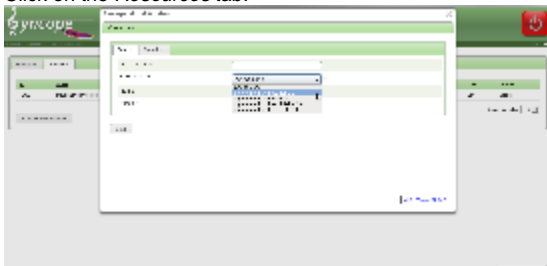
Configuration steps

1. [Configure LDAP connector instance](#)
2. [Configure LDAP resource](#)

Configure LDAP connector instance

Please, take a look at all configurable parameters at [LDAP Connector Configuration](#) and use this page as reference to provide your configuration.

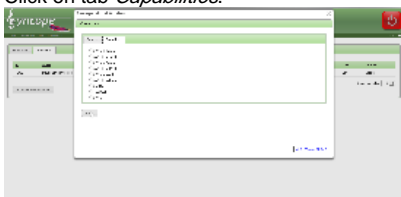
1. Open your browser and access to the Syncope administration console (<http://host:port/syncope-console>).
2. Log into the interface by providing the following credentials:
 - a. Login:;
 - b. Password: password.
3. Click on the *Resources* tab.



4. Click on the *Connectors* sub-tab.
5. Click on *Create new Connector* button (configuration modal page appears).
6. Click on tab *General*.
 - a. Provide *Display name* (e.g. 'Ldap demo connector') and the correct *Bundle name* (`org.connid.bundles.Ldap.${version}.admin!Ldap_2.png!thumbnail!`).
7. Click on tab *Configurations* and provide connector instance configuration.
Principal: **cn=Directory Manager**
Password: **password**
Host: **localhost**
TCP Port: **1389**
Account Object Classes: **top person organizationalPerson inetOrgPerson**
Password Attribute: **userPassword**
LDAP Filter for Retrieving Accounts: **uid=***
Change Number Attribute: **changeNumber**

Uid Attribute: **uid**
Base Contexts: **o=isp**
Account User Name Attributes : **uid**
Change Log Block Size: **100**
Password Hash Algorithm : **SSHA**

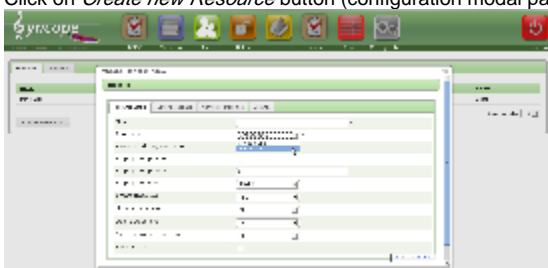
8. Click on tab *Capabilities*.



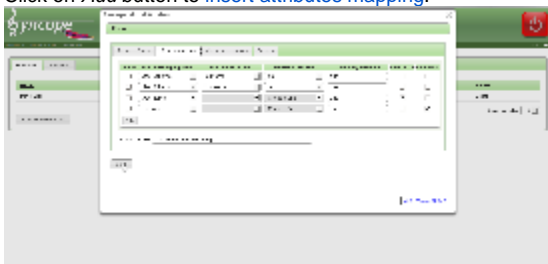
9. Check needed capabilities as shown at [Connector instance configuration](#).
10. Click on *Save* button.

Configure LDAP resource

1. Click on the *Resources* tab.
2. Click on the *Resources* sub-tab.
3. Click on *Create new Resource* button (configuration modal page appears).



4. Click on *Resource Details* tab.
5. Choose from the list the correct *Connector* instance name.
6. Provide the following information
Name: Ldap demo
Connector: Ldap demo connector
7. Click on *Schema Mappings* tab.
8. Click on *Add* button to [insert attributes mapping](#).



9. Provide Account Link: '**uid=** + username + '**,o=isp**'
10. Click on *Save* button.



Schema mapping

Internal mapping types	Internal mapping	External Attributes	Mandatory condition	Account Id	Password
Username			true	X	
Password			true		X
UserSchema	surname	sn	true		
UserSchema	firstname	cn	true		