

Configure an LDAP resource

Version Warning

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

1. Introduction
2. Pre-Requisites
3. Configuration steps
4. Configure LDAP connector instance
5. Configure LDAP resource

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

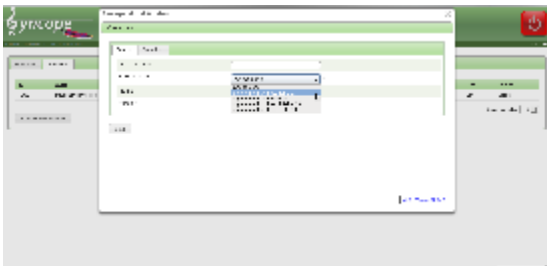
Configuration steps

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:
 1. Login:;
 2. 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*.
 1. Provide *Display name* (e.g. 'Ldap demo connector') and the correct *Bundle name* (org.connid.bundles.Ldap.\${version}).
admin!Ldap_2.png|thumbnail!

- 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**

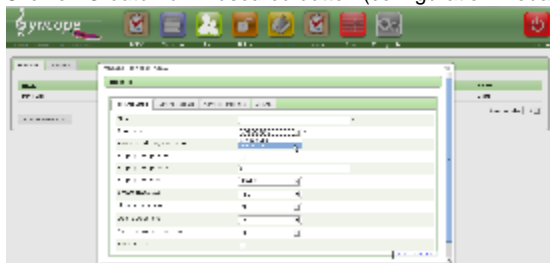
- Click on tab *Capabilities*.



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

Configure LDAP resource

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



- Click on *Resource Details* tab.
- Choose from the list the correct *Connector* instance name.
- Provide the following information
Name: **Ldap demo**
Connector: **Ldap demo connector**
- Click on *Schema Mappings* tab.
- Click on *Add* button to insert attributes mapping.



- 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		