Practical Exercise: Configure LDAP as Secondary User Store

Training Objective

Learn how to add a secondary user store to the platform so that developers can use their existing credentials to log in and use WSO2 API Manager.

Business Scenario

PizzaShack wants to accelerate its digital transformation by providing an API Management platform to its developers.

High-Level Steps

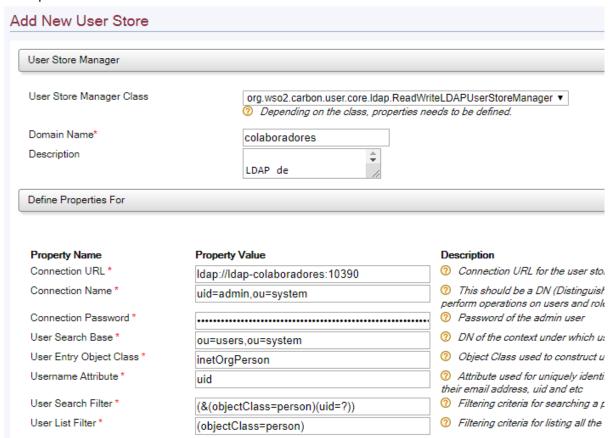- Configuring Apache Directory Studio as a Secondary User Store.

Detailed Instructions

Follow the steps below to add an application creation workflow.

1. Log in to the management console and click **Add** under the **User Stores** submenu in the Main menu.
2. The Add New User Store page opens.
3. In the User Store Manager Class list, select the type of user store you are creating.
   a. Choose Use **ReadWriteLDAPUserStoreManager** for LDAP user stores to do both read and write operations.
4. Enter a unique domain name with no underscore (_) characters, and optionally enter a description for this user store:
   a. Type: ldap-colaboradores
5. Enter values for the properties, using the descriptions in the Descriptions column for guidance. (An example is given below. Replace them with values connected to your LDAP)
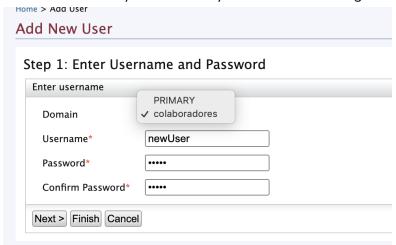
Property	Value
Connection URL	ldap://localhost:10390
Connection Name	uid=admin,ou=system
Connection Password	admin
User Search Base	ou=users,ou=system
User Entry Object Class	inetOrgPerson

6. Example

Add New User Store

User Store Manager

User Store Manager Class	org.wso2.carbon.user.core.ldap.ReadWriteLDAPUserStoreManager ▼
	⑦ *Depending on the class, properties needs to be defined.*
Domain Name*	colaboradores
Description	LDAP de

Define Properties For

Property Name	Property Value	Description
Connection URL *	ldap://ldap-colaboradores:10390	⑦ *Connection URL for the user sto...*
Connection Name *	uid=admin,ou=system	⑦ *This should be a DN (Distinguis... perform operations on users and rol...*
Connection Password *	••••••••••••••••••••••••••••••••••••••	⑦ *Password of the admin user*
User Search Base *	ou=users,ou=system	⑦ *DN of the context under which us...*
User Entry Object Class *	inetOrgPerson	⑦ *Object Class used to construct u...*
Username Attribute *	uid	⑦ *Attribute used for uniquely identi... their email address, uid and etc*
User Search Filter *	(&(objectClass=person)(uid=?))	⑦ *Filtering criteria for searching a ρ...*
User List Filter *	(objectClass=person)	⑦ *Filtering criteria for listing all the...*

7. Validate your configuration by listing users. Click List under **User and Roles** and then select **Users**. You should see a list of employees pre-defined by WSO2 Instructors.

8. Add a new user in your secondary user store and assign all Internal roles to it.

Home > Add User

Add New User

Step 1: Enter Username and Password

Enter username

	PRIMARY
Domain	✓ colaboradores
Username*	newUser
Password*	•••••
Confirm Password*	•••••

Next >   Finish   Cancel

9. Log in to both Publisher and DevPortal using the newly created user

Expected Outcome

By the end of this exercise, you should be able to add users to a Secondary User Store configured and log in to WSO2 API Manager using one of the LDAP credentials.