

# Mappings between Ldap attributes and OpenLM User attributes

This table describes the matching between Ldap attributes and OpenLm server user's properties. It is relevant for next directories: Active Directory, ApacheDs, Edirectory, AzureAD

AD attribute	Edirectory attribute	ApacheDs attribute	AzureAD	OpenLM user's property
cn, sAMAccountName, userPrincipalName	cn	cn	userPrincipalName	Username
mail				Email
givenname				FirstName
sn, surname				LastName
displayname				DisplayName
telephonenumber				Phone
title, jobtitle				Title
department	ou	department	department	Department
description				Description
physicaldeliveryofficename				Office

mobile, mobilephone	MobilePhone
co, country, c	Country

## Defining custom attribute mapping (only relevant for v21 and above)

Starting from version 21.9.27 there is a possibility to make a mapping of a custom LDAP attribute into an attribute known for OpenLm Server. The known attributes are presented in the table above.

In order to map custom attribute in a known attribute for OpenLM:

1. Find configuration file in main DSA folder: ***customAttributesMappings.json***

- **For Active Directory:** OpenLM Directory Synchronization Agent\syncSettings\msDirectorySyncSettings
- **For Azure AD:** OpenLM Directory Synchronization Agent\syncSettings\azureAdSyncSettings
- **For Google Cds:** OpenLM Directory Synchronization Agent\syncSettings\googleDSSyncSettings
- **For Novell eDirectory:** OpenLM Directory Synchronization Agent\syncSettings\novellDirectorySyncSettings

2. Specify custom attribute in first value, and OpenLM attribute in second, for example:

```
{
  "myDepartment": "department",
  "myCustomOfficeAttribute": "physicaldeliveryofficename"
}
```

The example above means that your custom ldap attribute “myDepartment” will be synced always in the user’s Department field of OpenLM server.

3. Be aware, that ldap “department” attribute itself will not be synchronized anymore. If you don’t need anymore “myDepartment” mapping, and you want to synchronize standardized “department” ldap attribute, just remove this mapping (row) from this configuration file.

4. File changes can be done without restarting the DSA. The important thing is that it should be done before sync starts.