

# Setup LDAP & authentication

Libraesva Archiver fully integrates with Microsoft Exchange and Active Directory using LDAP for authenticating users.

## Configure LDAP authentication

- Navigate to your Libraesva Archiver and select **Settings > Authentication > LDAP Configuration**
- Select the tenant (if not selected) and click the green button with the plus icon

The screenshot shows the 'Settings / Authentication / LDAP Configurations / Add' form. It is divided into two columns of input fields. The left column includes: 'Name' (empty), 'Host' (empty), 'Port' (389), 'Encryption' (No encryption), 'Default role' (Choose a default role), 'Use for authentication?' (checkbox), 'Sync groups?' (checkbox), 'Username' (empty), and 'Password' (empty with a key icon). The right column includes: 'Query' (mail={username}), 'Base DN' (CN=Users,DC=EXAMPLE,DC=LOCAL), 'Username key' (mail), 'Aliases field' (proxyAddresses), and 'Mail field' (mail). At the bottom of the right column is a 'Test authentication' button. At the bottom of the left column are 'Validate connection' and 'Back' buttons. At the bottom right is a 'Save' button.

- Give a name to the connection
- Enter the *hostname* (or IP) of the LDAP server
- Choose appropriate *Query* (Default: `mail={username}`)
- Choose the *LDAP port* (389 for LDAP and 636 for LDAPS)
- Choose the appropriate *encryption* (if needed)
- Choose *USER* as the default role (note: this is the default role assigned to the users authenticating from LDAP)

- Flag the *use for authentication* checkbox (else it would not be used for authenticating users)
- The sync groups flag is not needed, you can leave it un-flagged
- Enter the *username* and *password* of the user used to access LDAP
- **Validate** the connection
- Enter the *Base DN* of the users
- Leave all the other field with the default value
- Optionally click on “Test Authentication” and enter valid credentials of an existing users in order to test the authentication process
- **Save** it

×**Note:** By default, LDAP **Query** operates as:

1. mail={username}

however, to exclude unnecessary Microsoft Exchange service mailbox entries, configure it as follows:

2. (&(mail={username})(objectClass=user)(!(mail=healthmailbox\*))(!(mail=systemmailbox\*))(!(mail=discoverysearchmailbox\*))(!(mail=migration\*))(!(mail=federatedemail\*)))

## Check the users matched by the LDAP configuration

- Navigate to your Libraesva Archiver and select **Settings > Authentication > LDAP Configuration**
- Select the tenant (if not selected)
- Click the gray button with the users icon next to the edit button to check the users loaded by the selected LDAP configuration

## Check the authentication

×**Note:** the configuration you created before allow the users to login using their own primary email address (mario.rossi@domain.com). To make it working you need to add the domain in

the tenant domains configuration (in this case you need to add domain.com to the tenant domain list).

- **Logout** from the admin user (using the button in the top right of the page)
- **Login** using the primary email address of the account you want to try and his password.