

LDAP Set Definition

Libraesva ESG offers LDAP integration for both users and email address verification. Configuration of LDAP is done at the domain level. Each domain can have multiple LDAP sets associated.

To configure an LDAP Set please select menu *System-> Authentication -> LDAP Set Definition* and click option **New**.

Add record

Priority:

Domain:

All Domains

Description:

LDAP Host:

LDAP Alternate Host:

LDAP Alternate Host, leave blank for single ldap server.

LDAP Port:

LDAPS:
☐

Email Address DN:

Base DN for email addresses container. (CN=Users,DC=domain,DC=ad)

User DN:

Base DN for user accounts. (OU=Unit,DC=domain,DC=ad)

Bind User:

Leave blank for Anonymous Bind. (MICROSOFT: username@domain.ad)

Bind Pass:

Type:

MSAD

MSAD for Microsoft, DOMINO for Notes, OTHER for Novell, Zimbra, etc..

Username Field:

LDAP attribute to filter user accounts.
Suggested: **userprincipalname**

Email Alias Field:

LDAP attribute for email aliases.
Suggested: **proxyaddresses**

Authentication Filter:

Filter used to look up an email to authenticate (**mail=%%LOGIN%%**).

Global Filter:

Example: (& (...K1...) (...K2...) (...K3...) (...K4...))

Save

Cancel

Priority

This is a number, to prioritize and sort LDAP Sets evaluation

Domain

Select the domain to bind to the LDAP Set

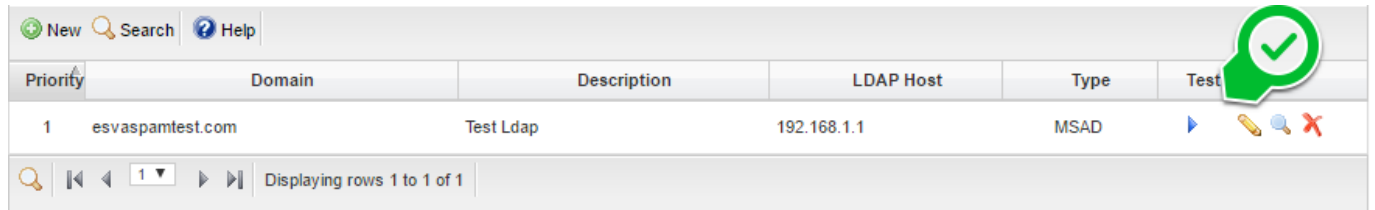
Description

Give it a friendly description


LDAP Host	Specify your LDAP Server Address, either by FQDN or IP Address
LDAP Alternate Host	Optional, a backup LDAP Server Address
LDAP Port	The TCP port your LDAP Server is Listening (usually 389 or 636)
LDAPS	Check if your server supports LDAPS protocol
Email Address DN	The Distinguish Name to search for Email Addresses.
User DN	The Distinguish Name to search for Users
Bind User	Leave it blank for Anonymous bind, or enter a bind user. For Active Directory use the UPN format, no need of any administrator here! For ZIMBRA, try uid=zimbra,cn=admins,cn=zimbra or another user
Bind Pass	If you indicated a bind user, enter the password here
Type	What LDAP Server are you running? MSAD, is for Microsoft Active Directory DOMINO, works with Lotus Domino OTHER, a general LDAP support
Username Field	Username field mapping MSAD: Use <i>userprincipalname</i> or <i>samaccountname</i> (lowecase!) DOMINO: Use <i>cn</i> ZIMBRA: Use <i>uid</i>
Email Alias Field	Email alias field mapping MSAD: If you have exchange set it to <i>proxyaddresses</i> DOMINO: Use <i>uid</i> ZIMBRA: Use <i>mail</i>
Authentication Filter	Authentication field mapping DEFAULT is <i>mail=%%LOGIN%%</i> That means we look for the ldap mail field to match the email entered in the login screen form
Global Filter	Optional filter that will be applied to your LDAP Query

×**TIP:** if you are having problems connecting to your LDAP or you do not know too much about its structure, try this great tool: [Softerra LDAP Browser](#)

Once you added your LDAP set, test it and check it can successfully retrieve your users:



The screenshot shows a web interface for managing LDAP sets. At the top, there are tabs for 'New', 'Search', and 'Help'. Below this is a table with columns: 'Priority', 'Domain', 'Description', 'LDAP Host', 'Type', and 'Test'. A single row is displayed with the following values: Priority '1', Domain 'esvaspamtest.com', Description 'Test Ldap', LDAP Host '192.168.1.1', and Type 'MSAD'. The 'Test' column contains a green checkmark icon, indicating a successful test. Below the table, there is a pagination bar showing 'Displaying rows 1 to 1 of 1'.

Priority	Domain	Description	LDAP Host	Type	Test
1	esvaspamtest.com	Test Ldap	192.168.1.1	MSAD	

LDAP paging:

Some directory servers are configured to limit the maximum number of results that can be returned at one time. Librasva ESG LDAP Paging solves this problem.

Libraesva ESG can now use your LDAP Set for two primary features:

- User Import and Authentication
- Valid Recipients Verification