

LDAP Integration

LUCY > 3.2 has an LDAP API, which allows the administrator to:

- import recipients
- import users (LUCY administrators)

directly from your directory service.

Setup

To configure the LDAP connection please go in LDAP settings (Settings → LDAP Settings) and save your server and authentication details. Within the field "Server Address" you need to enter your LDAP server IP address, within the field "Server Port" you should enter TCP/UDP port for LDAP (default port 389 or port 636 for LDAPS) and if "Use Global Catalog" and "LDAP over SSL" are enabled you should use the ports 3268 and 3269. Within the field "Domain Controller" you need to enter your LDAP Server Root RDN (example: "dc=domain,dc=com") and within the field "Login" you need to enter user RDN (example: "cn=Administrator,cn=Users").

Fields "Group Object" and "User Object" are used to filter search from the LDAP objects. Objects within "Group Object" and "User Object" fields need to be separated with a comma and one space.

You may use regular Active Directory search filters, for example:

```
(!(objectClass=inetOrgPerson)(objectClass=user))
```

Lucy

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LDAP Settings

☒ LDAP Integration ?

Server Address

192.168.25.228

Server Port

389

☐ Use Global Catalog

☐ LDAP over SSL

Domain Controller

dc=LucyLDAP, dc=com

Login

cn=Administrator,cn=Users

Password

Group Object

User Object

Save

Your copyright goes here

LDAP Update Preferences

This menu allows configuring automatic synchronization of LDAP recipients and users that were imported into LUCY. Automatic synchronization happens every 10 minutes.

Note, these settings are global and all of the Autoupdate LDAP preferences per a group of recipients will be ignored with the settings enabled (see [Autoupdate LDAP Recipients](#)).

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LDAP Settings

Users Control List Recipients Control List **LDAP Update Preferences** Import Users From LDAP

☒ LDAP Integration ⓘ

Server Address 192.168.111.128 ⓘ

Server Port 389 ⓘ

☒ Use Global Catalog

☐ LDAP over SSL

Domain Controller dc=local,dc=com ⓘ

Login cn=ldap,cn=users ⓘ

Password ⓘ

Group Object ⓘ

User Object ⓘ

Save

LDAP update preferences contain 2 options for automatic action. It is possible to configure LUCY to add users and recipients automatically or to wait for the Administrator's decision.

LDAP Update Preferences

☒ Autoupdate LDAP recipients

Action for new recipients Waiting for administrator's decision ▼

Action for deleted recipients Waiting for administrator's decision

Automatically Add

In case if you select "Waiting for administrator's decision", an Administrator will have to go to a control list and decide whether it is necessary to delete\add a recipient\user or not.

LDAP Settings

Users Control List **Recipients Control List** LDAP Update Preferences Import Users From LDAP

☒ LDAP Integration ⓘ

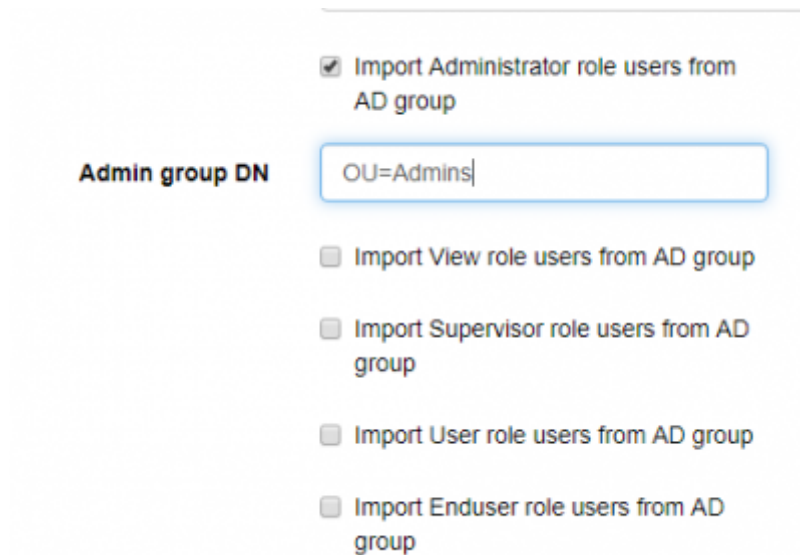
Server Address 192.168.111.128 ⓘ

Server Port 389 ⓘ

☐ Use Global Catalog

☐ LDAP over SSL

It is also possible to customize the pattern of automatic import of users from an Organization Unit. Lucy will scan an Organization Unit and automatically bind a role to an imported user according to the settings that can be seen on the screenshot below.



Import Administrator role users from AD group ☒

Admin group DN

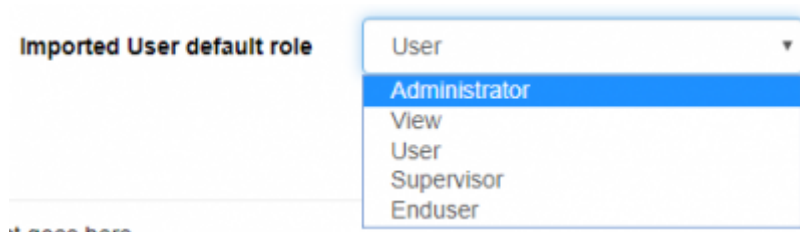
Import View role users from AD group ☐

Import Supervisor role users from AD group ☐

Import User role users from AD group ☐

Import Enduser role users from AD group ☐

User default role defines a role that will be assigned to users with manual import users from LDAP.



Imported User default role

User

Administrator

View

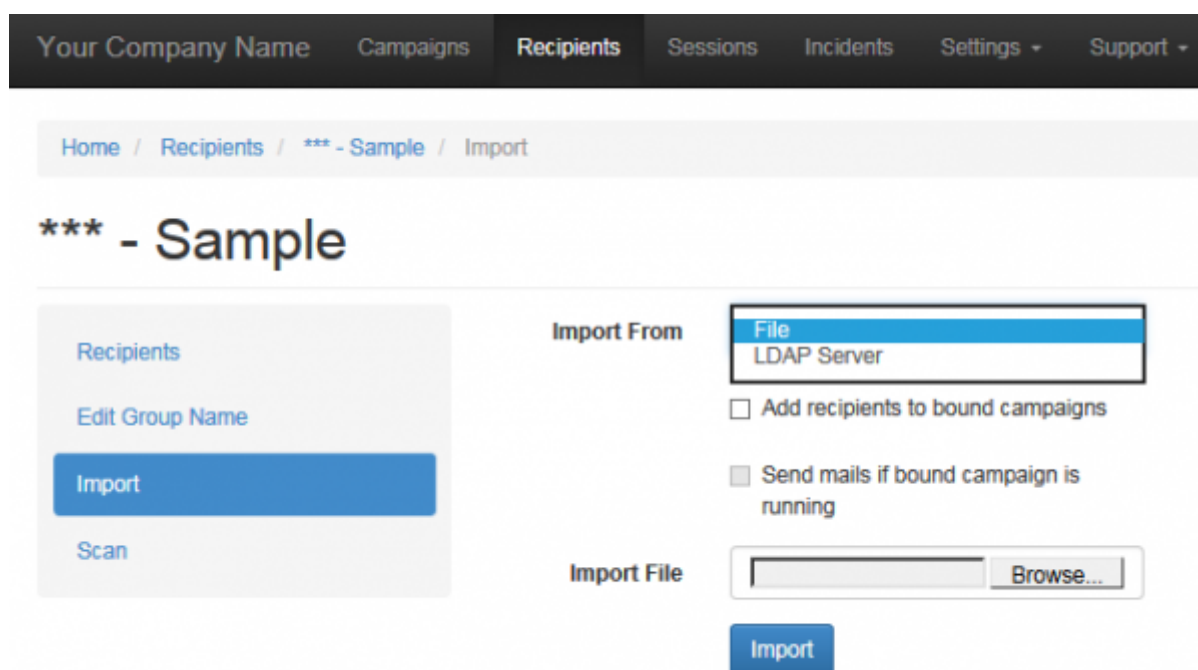
User

Supervisor

Enduser

Importing recipients in a group for a campaign

When you create a new recipient group you will be able to use the previously configured LDAP connection to query and import all the users/groups:



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*** - Sample

Recipients

Edit Group Name

Import

Scan

Import From

File

LDAP Server

☐ Add recipients to bound campaigns

☐ Send mails if bound campaign is running

Import File

Browse...

Import

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Home

Recipients

TEST#1

Import

TEST#1

Recipients

Edit Group Name

Import

Scan

Import From

LDAP Server

☒ Update existing recipients

☐ Add recipients to bound campaigns

☐ Send mails if bound campaigns are running

☐ Add more groups

Search

Search by group or user name

Search

Reset

	Name	Email	Phone	Location
<input type="checkbox"/>	Amy Wong	amy@planetexpress.com	amy@planetexpress.com	
<input type="checkbox"/>	Bender Bending Rodriguez	bender@planetexpress.com	bender@planetexpress.com	
<input checked="" type="checkbox"/>	Philip J. Fry	fry@planetexpress.com	fry@planetexpress.com	
<input checked="" type="checkbox"/>	Hermes Conrad	hermes@planetexpress.com	hermes@planetexpress.com	
<input type="checkbox"/>	Turanga Leela	leela@planetexpress.com	leela@planetexpress.com	
<input type="checkbox"/>	Hubert J. Farnsworth	professor@planetexpress.com	professor@planetexpress.com	
<input type="checkbox"/>	John A. Zoidberg	zoidberg@planetexpress.com	zoidberg@planetexpress.com	

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Import

LUCY will automatically match the user's attributes in the LDAP directory with the available recipient attributes in LUCY.

If "Update existing recipients" option is enabled, recipient attributes will update during LDAP import if these recipients have been imported before.

Autoupdate LDAP Recipients

It is possible to configure LUCY autoupdate recipient list of from an LDAP Server. Note, this configuration will not be active if there are global settings for recipients import enabled.

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Recipients

Test Group of Recipients

LDAP Import Settings

Test Group of Recipients

Recipients

Edit Group Name

Import

Scan

LDAP Import Settings

☒ Autoupdate LDAP Recipients

LDAP Search Filter

Base DN

Filter

Comment

Base DN

Filter

Comment

Base DN

Filter

Comment

+Add

Save

You may use regular Active Directory search filters, for example:

```
(|(objectClass=inetOrgPerson)(objectClass=user)).
```

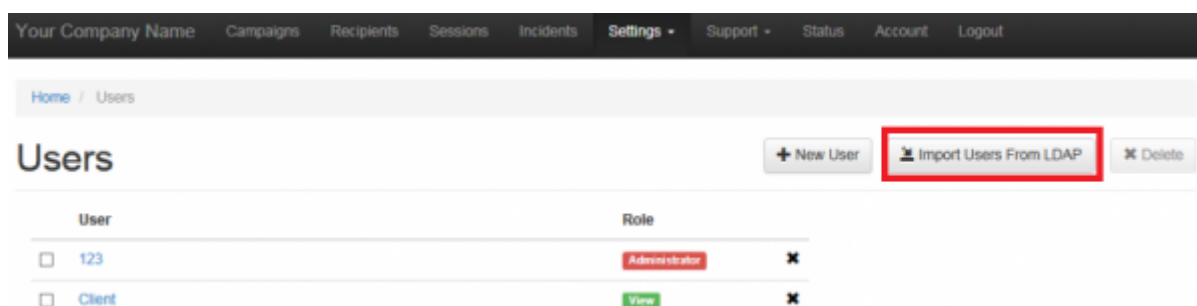
See [Microsoft Documentation](#) for more info.

The Base DN of the query must be specified in the following format:

```
dc=MyDomain,dc=com.
```

Importing users via LDAP

If you want to import users who can access LUCY using their AD account, you can go into the user settings menu (Settings > Users) and click the according button:



By default, the User role will be assigned for all imported users.

Which LDAP fields can be used?

LUCY will automatically match the user's attributes in the LDAP directory with the available recipient attributes in LUCY. Those are:

- 1.Email - Recipient's e-mail address
- 2.Name - Recipient's name
- 3.Location - Recipient's location
- 4.Phone - recipient phone number

From:
<https://wiki.lucysecurity.com/> - LUCY

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Last update: 2019/07/25 12:50

