# **LDAP Integration**

LUCY > 3.2 has a 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  $\rightarrow$  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 with in 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       Campaigns       Recipients       Sessions       Incidents       Settings +       Support +       Status       Tools +       I         Home / LDAP Settings	e: 2019/07/25 12:51	Idap_integration ht	ttps://wiki.lucysecurity.c	om/doku.php?	id=ldap_in	tegration&	rev=154
LDAP Integration   Server Address   192.168.25.228   Server Port   389   • LDAP over SSL   Domain Controller   Login   cn=Administrator,cn=Users   Password   @   Group Object	Lucy Campaigns Re	cipients Sessions	Incidents Settings -	Support 👻	Status	Tools -	1.
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	Home / LDAP Settings						
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	LDAP Settin	ngs					
Server Port 389     Use Global Catalog   LDAP over SSL     Domain Controller   dc=LucyLDAP, dc=com   Login   cn=Administrator, cn=Users   Password   Group Object		☑ LDAP Integration					
Use Global Catalog LDAP over SSL Comain Controller dc=LucyLDAP, dc=com Login cn=Administrator,cn=Users Password Group Object	Server Address	192.168.25.228		±			
LDAP over SSL   Domain Controller   dc=LucyLDAP, dc=com   Login   cn=Administrator,cn=Users   Password   Group Object	Server Port	389		0			
Domain Controller     dc=LucyLDAP, dc=com       Login     cn=Administrator, cn=Users       Password     Image: Composite the second		Use Global Catalog					
Login cn=Administrator,cn=Users		LDAP over SSL					
Password (9) Group Object	Domain Controller	dc=LucyLDAP, dc=com		0			
Group Object	Login	cn=Administrator,cn=Us	sers	0			
	Password			۹			
User Object	Group Object			0			
	User Object			0			
Save		Save					

## 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:



Your Company Name	Campaigns	Recipients	Sessions	Incidents	Settings +	Support +			
Home / Recipients / *** -	Sample / Im	port							
*** - Sample									
Recipients		Import F	rom File	File LDAP Server					
Edit Group Name			Ad	Add recipients to bound campaigns					
Import				Send mails if bound campaign is running					
Scan		Import	File		Brows	e			
			Impo	ort					
Lucy Campaigns Recipients	Sessions Incidents	Settings - Support	• Status Tools •	1.					
Home / Recipients / TEST#1 / Imp	oort								
TEST#1									
Recipients	Import From	LDAP Server	>						
Edit Group Name		Update existing recipi							
Import Scan		Add recipients to bou Send mails if bound c running							
		Add more groups							
	Search	Search by group or us	er name	<b>9</b> Q.	Search C Reset				
	Name	Em		Phone		Location			
	Amy Wong		@planetexpress.com		texpress.com				
	Bender Bendin     Philip J. Fry		der@planetexpress.com gplanetexpress.com		bender@planetexpress.com				
	Hermes Conr		nes@planetexpress.com		mes@planetexpress.com				
	<ul> <li>Turanga Leela</li> </ul>		a@planetexpress.com		ieela@planetexpress.com				
	Hubert J. Fam	sworth prof	lessor@planetexpress.com	n professor@g	planetexpress.com				
	<ul> <li>John A. Zoidbe</li> </ul>	rg zoid	lberg@planetexpress.com	zoidberg@p	lanetexpress.com				
	4 1 x					10 💌			
		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.

### 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:

Your Company Name	e Campaigns	Recipients	Sessions	Incidents	Settings -	Support - Status	Account	Logout	
Home / Users									
Users						+ New User	🛎 Imp	cort Users From LDAP	¥ Delete
User					Role				
123					Administrato	×			
Client					View	×			

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

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