

# LDAP Account Manager

- [Introduction](#)
- [Installation on Turnkey Debian](#)
- [Installation on Ubuntu Server 22.04](#)
- [Configuration of the LDAP Account Manager](#)

# Introduction



## What is the LDAP account manager?

LDAP Account Manager (LAM) is a web frontend for managing entries (e.g. users, groups, DHCP settings) stored in an LDAP directory. LAM was designed to make LDAP management as easy as possible for the user. It abstracts from the technical details of LDAP and allows persons without technical background to manage LDAP entries. If needed, power users may still directly edit LDAP entries via the integrated LDAP browser.

[LDAP Account Manager](#)

## Features

The most important account types which are supported by LAM are Samba, [Unix](#), [Zarafa](#) and [PPolicy](#). The user can define profiles for all account types to set default values. Account information can be exported as [PDF](#) files. There is also the possibility to create users via file upload. It also includes the tree view of [PhpLDAPadmin](#) to access the raw LDAP attributes. LAM is translated to 16 languages.

Supported account types:

- Unix
- Samba 3,4
- Kolab
- Address book entries
- Asterisk (incl. voicemail and Asterisk extensions)
- Mail routing
- IMAP mailboxes (non-LDAP, via IMAP protocol)
- Hosts

- FreeRadius
- Authorized services
- SSH keys
- File system quota (in LDAP (systemQuotas) and via external script)
- DHCP entries
- NIS netgroups

# Installation on Turnkey Debian

## Installation

```
apt -y install ldap-account-manager
```

The account manager is available on <http://lamp.simmy.ch/lam>.

## Useful links

<https://www.unixmen.com/setup-samba-domain-controller-with-openldap-backend-in-ubuntu-13-04/>

<https://www.ldap-account-manager.org/lamcms/howto>

<https://computingforgeeks.com/install-and-configure-ldap-account-manager-on-ubuntu/>

<https://www.ldap-account-manager.org/lamcms/documentation>

# Installation on Ubuntu Server 22.04

## Install Apache Webserver and PHP

```
apt -y install apache2 php php-cgi libapache2-mod-php php-mbstring php-common php-pear
```

Then enable php-cgi PHP extension:

```
a2enconf php*-cgi  
systemctl reload apache2
```

## Install LDAP Account Manager

```
apt -y install ldap-account-manager
```

The account manager is available on <http://lam.simmy.ch/lam>.

## Useful links

<https://www.unixmen.com/setup-samba-domain-controller-with-openldap-backend-in-ubuntu-13-04/>

<https://www.ldap-account-manager.org/lamcms/howto>

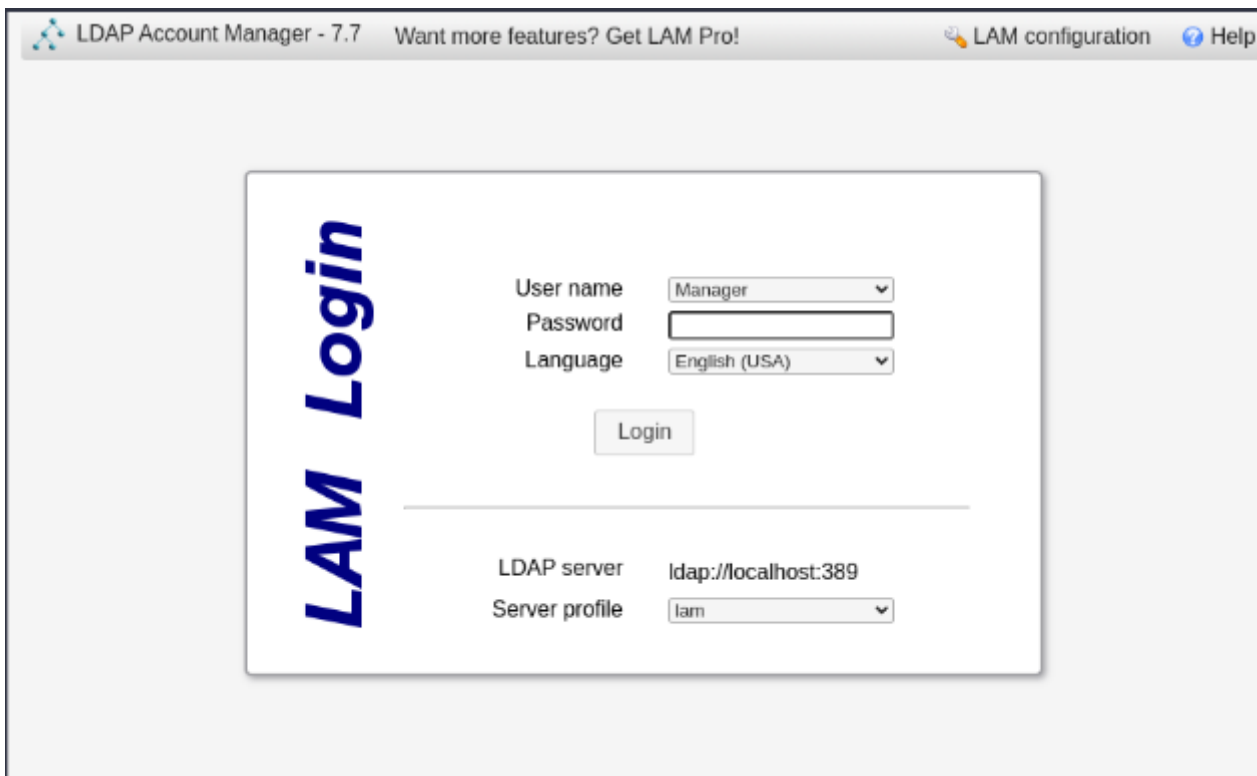
<https://computingforgeeks.com/install-and-configure-ldap-account-manager-on-ubuntu/>

<https://www.ldap-account-manager.org/lamcms/documentation>



# Configuration of the LDAP Account Manager

## Change master password



The screenshot shows the LDAP Account Manager (LAM) login window. The title bar reads "LDAP Account Manager - 7.7" and includes a link to "Want more features? Get LAM Pro!". In the top right corner, there are links for "LAM configuration" and "Help". The main content area features a large blue "LAM Login" logo on the left. To the right of the logo is a login form with the following fields: "User name" (a dropdown menu showing "Manager"), "Password" (a text input field), and "Language" (a dropdown menu showing "English (USA)"). Below these fields is a "Login" button. A horizontal line separates the login fields from the configuration section below. The configuration section includes "LDAP server" (a text field containing "ldap://localhost:389") and "Server profile" (a dropdown menu showing "lam").

Click on LAM configuration on the upper right corner.



"Edit general settings"

Please enter the master password to change the general preferences:

Master password  ?

Ok

The Master password is "lam".

Scroll down to "Change master password" and enter your desired password two times.

The password will be saved in cleartext in a configuration file of LAM

## Add certificates



## General settings

### Configuration storage

Database type
Local file system

### Security settings

Session timeout
30

Hide LDAP details on failed login
☐

Allowed hosts

SSL certificates
use custom CA certificates

Browse... No file selected.
Upload
Import from server

Common name	Valid to	Serial number	Delete
ca	2032-03-06	6623906670202548793	×
OpenLDAP	2025-02-20	1020037069710758418	×

The communication with the the OpenLDAP server over SSL didn't work. So finally I added two certificates. The CA, which I simply uploaded (Choose file --> "Upload") and the certificate of the Domain Controller (enter `ldaps://openldap.simmy.ch` --> "Import from server").

Scroll down and click "Ok". Restart the apache server:

```
systemctl restart apache2
```

# Create a profile for OpenLDAP

Click on LAM configuration on the upper right corner.

Click on "Edit server profiles".

Click on "Manage server profiles".

## Profile management

### Add profile

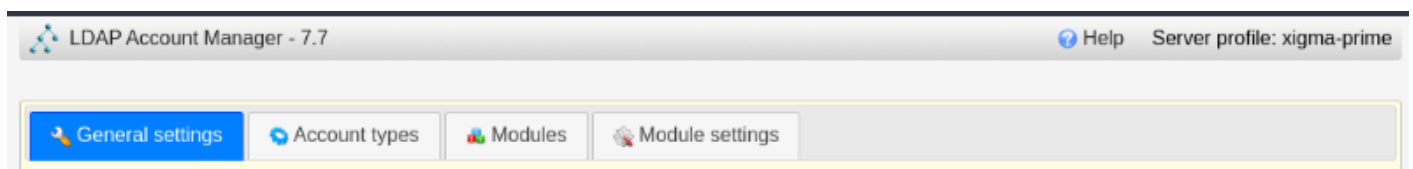
Profile name	<input type="text" value="OpenLDAP"/>	?
Profile password	<input type="password" value="....."/>	
Reenter password	<input type="password" value="....."/>	
Template	<input type="text" value="windows_samba4"/>	?

Enter these options:

1. Profile name --> *OpenLDAP*
2. Profile password --> *your password here*
3. Reenter password --> *your password here*
4. Template --> choose Template "*unix*" for OpenLDAP
5. Add

The password will be saved in cleartext in a configuration file of LAM

# Configuration of the profile for OpenLDAP



## General settings

### Server settings

## Server settings

Server address *	<input type="text" value="ldaps://openldap.simmy.ch:636"/>	?
Activate TLS	<input type="text" value="no"/>	?
LDAP search limit	<input type="text" value="-"/>	?
DN part to hide	<input type="text"/>	?

Advanced options



Server address --> <ldaps://openldap.simmy.ch:389>

## Tool settings

### Tool settings

#### Hidden tools

WebAuthn devices	<input type="checkbox"/>	Schema browser	<input type="checkbox"/>	Multi edit	<input type="checkbox"/>
Server information	<input type="checkbox"/>	LDAP import/export	<input type="checkbox"/>	OU editor	<input type="checkbox"/>
Tests	<input type="checkbox"/>	Tree view	<input type="checkbox"/>	Profile editor	<input type="checkbox"/>
File upload	<input type="checkbox"/>	PDF editor	<input type="checkbox"/>		

#### Tree view

Tree suffix



Tree suffix: DC=simmy,DC=ch

## Security settings

### Security settings

Login method	<input type="text" value="Fixed list"/>	?
List of valid users *	<input type="text" value="CN=Administrator,CN=Users,DC=simmy,DC=ch&lt;br/&gt;CN=neo,CN=Users,DC=simmy,DC=ch"/>	?

Login method: Fixed list










List of valid users:

```
cn=admin,dc=simmy,dc=ch
cn=binduser,ou=Users,dc=simmy,dc=ch
cn=Holger Schindler,ou=Users,dc=simmy,dc=ch
```










## Account types

Create the OU groups before doing this:

## Active account types

 Users	User accounts (e.g. Unix, Samba and Kolab)  
LDAP suffix 	<input type="text" value="ou=Users,dc=simmy,dc=ch"/> 
List attributes	<input type="text" value="#uid;#givenName;#sn;#uidNumber;#gidNumber"/> 
Custom label	<input type="text"/> 
Additional LDAP filter	<input type="text"/> 
Hidden	<input type="checkbox"/> 

 Groups	Group accounts (e.g. Unix and Samba)  
LDAP suffix 	<input type="text" value="ou=Groups,dc=simmy,dc=ch"/> 
List attributes	<input type="text" value="#cn;#gidNumber;#memberUID;#description"/> 
Custom label	<input type="text"/> 
Additional LDAP filter	<input type="text"/> 
Hidden	<input type="checkbox"/> 

These two LDAP suffixes have to be set:

- *CN=Users,DC=simmy,DC=ch*
- *OU=Groups,DC=simmy,DC=ch*

## Modules

Nothing to change here.

## Module settings

Nothing to change here.

## Final

"Save" and login to your profile "OpenLDAP. You will have to enter the password of the Administrator.

## Useful links

<https://www.unixmen.com/setup-samba-domain-controller-with-openldap-backend-in-ubuntu-13-04/>

<https://www.ldap-account-manager.org/lamcms/howto>

<https://computingforgeeks.com/install-and-configure-ldap-account-manager-on-ubuntu/>

<https://www.ldap-account-manager.org/lamcms/documentation>

<https://www.ldap-account-manager.org/static/doc/manual.pdf>