



Symas OpenLDAP

Server Quick Setup Guide

Symas OpenLDAP is a highly customizable product suitable for small business needs to enterprise-class implementations. To quickly begin taking advantage of the benefits provided by Symas OpenLDAP, please follow the instructions below (**first-time installation only**).

Symas support team members are available to help with any additional configurations necessary to take advantage of the many available features. More support information can be found by browsing <https://symas.com/services/support-programs>.

Download Symas OpenLDAP: www.symas.com/Downloads

Install Symas OpenLDAP

Debian/Ubuntu: `sudo dpkg --install symas-openldap-<edition...>.deb`

RedHat/CentOS: `sudo rpm -i symas-openldap-<edition...>.rpm`

Windows: Double-click symas-openldap-<edition...>.exe

First-time installation Only: Launch the ExampleDB shell script

Note: This will overwrite existing configuration files

Linux: `sudo /opt/symas/etc/openldap/exampledb.sh`

Windows: `C:\Program Files\OpenLDAP\etc\openldap\exampledb.bat`

Note: All Windows commands require elevated command prompt

Type YES to run the script and start the slapd service

Download and Install Apache Directory Studio

Linux: <https://directory.apache.org/studio/download/download-linux.html>

Windows: <https://directory.apache.org/studio/download/download-windows.html>

Note: For Windows OS users it is necessary to use 32-bit Java and 32-bit Apache Directory Studio

Browse the Database

Launch Apache Directory Studio

Minimize Welcome Page

Create a new connection

Hostname = name of Symas OpenLDAP Server

Port=389 (be default)

No Encryption Method

Click Next

Bind DN or User = dc=example,dc=com

Bind Password = secret

Click Finish

Open Connection to see the DIT in the LDAP Browser pane

Import your own data

Extract data from your database to an LDIF file

Note: Some schema modifications may be required to successfully import data into Symas OpenLDAP. Contact Symas support for assistance (support@symas.com).

Stop the slapd service

Linux: `/opt/symas/etc/solserver stop`

Windows: `net stop OpenLDAP-slapd`

Delete the Example database files

Linux: `rm -rf /var/symas/openldap-data/example/*.mdb`

Windows: `del /F /Q C:\Program Files\OpenLDAP\var\openldap-data\example*.mdb`

Modify slapd.conf to use your database rootDN, rootpw and suffix

Linux: `/opt/symas/etc/openldap/slapd.conf`

Windows: `C:\Program Files\OpenLDAP\etc\openldap\slapd.conf`

Create your database by importing the content of your LDIF file

Linux: `/opt/symas/bin/slapadd -l /<path to LDIF file>/<file>.ldif -q`

Windows: `C:\Program Files\OpenLDAP\slapadd.bat -f .\etc\openldap\slapd.conf -l \<path to LDIF file>\<file>.ldif`

Start the slapd service

Linux: `/opt/symas/etc/solserver start`

Windows: `net start OpenLDAP-slapd`

View and modify your database with Apache Directory Studio

Adjust the connection in Apache Directory Studio to use the rootDN and rootPW for your database

Reconnect to see the newly imported DIT and database content

Find additional set-up and Symas OpenLDAP update information in our Getting Started Guide:

<http://pkg.symas.net/GettingStarted.pdf>