

1 Configure LDAP for SoGo

1.1 OpenLDAP configuration

1.1.1 Backend configuration

Add additionnal schemas :

```
sudo ldapadd -Y EXTERNAL -H ldapi:/// -f /etc/ldap/schema/cosine.ldif
sudo ldapadd -Y EXTERNAL -H ldapi:/// -f /etc/ldap/schema/nis.ldif
sudo ldapadd -Y EXTERNAL -H ldapi:/// -f /etc/ldap/schema/inetorgperson.ldif
```

Create a directory to put your configuration scripts for Slapd :

```
user@sogo:/etc$ sudo mkdir /etc/ldap/scripts
```

In the script directory, edit a new file (you can name it with your domain name : backend.ketzaldev.org.ldif)
Here is the configuration for MY SERVER, adapt the configuration for yours:

```
# Load dynamic backend modules
dn: cn=module,cn=config
objectClass: olcModuleList
cn: module
olcModulepath: /usr/lib/ldap
olcModuleload: back_hdb

# Database settings
dn: olcDatabase=hdb,cn=config
objectClass: olcDatabaseConfig
objectClass: olcHdbConfig
olcDatabase: {1}hdb
olcSuffix: dc=ketzaldev,dc=org
olcDbDirectory: /var/lib/ldap
olcRootDN: cn=admin,dc=ketzaldev,dc=org
olcRootPW: ldapPass
olcDbConfig: set_cachesize 0 2097152 0
olcDbConfig: set_lk_max_objects 1500
olcDbConfig: set_lk_max_locks 1500
olcDbConfig: set_lk_max_lockers 1500
olcDbIndex: objectClass eq
olcLastMod: TRUE
olcDbCheckpoint: 512 30
olcAccess: to attrs=userPassword by dn="cn=admin,dc=ketzaldev,dc=org" write by
anonymous auth by self write by * none
olcAccess: to attrs=shadowLastChange by self write by * read
olcAccess: to dn.base="" by * read
olcAccess: to * by dn="cn=admin,dc=ketzaldev,dc=org" write by * read
```

then, execute this file with the ldapadd command:

```
sudo ldapadd -Y EXTERNAL -H ldapi:/// -f ketzaldev.org.ldif
```

After this, you should be able to connect to the LDAP server via the phpldapadmin interface. Open it in your Web Browser, and click on login. Then, use the following credentials:

```
Login DN: cn=admin,dc=ketzaldev,dc=org
Password: ldapPass
```

You should be able to connect to the LDAP server.

1.1.2 Frontend configuration

In the script directory, edit a new file (you can name it with your domain name: frontend.ketzaldev.org.ldif)
Here is the configuration for MY SERVER, adapt the configuration for yours:

```
# Create top-level object in domain
dn: dc=ketzaldev,dc=org
objectClass: top
objectClass: dcObject
objectclass: organization
o: Ketzaldev Organization
dc: ketzaldev
description: Ketzaldev LDAP Server

# Admin user.
dn: cn=admin,dc=ketzaldev,dc=org
objectClass: simpleSecurityObject
objectClass: organizationalRole
cn: admin
description: LDAP administrator
userPassword: ldapPass
```

Then, add the entries to the LDAP Directory:

```
sudo ldapadd -x -D cn=admin,dc=ketzaldev,dc=org -W -f frontend.ketzaldev.org.ldif
```

Don't forget to modify the following file with you domain to be able to use correctly the PHPLdapadmin interface. Replace all the "domain/com" by your all domain (in my case: ketzaldev/org)

```
/etc/phpldapadmin/config.php
```

1.2 SOGo Configuration

Login into sogo user.

Then use the following command to configure your Server with LDAP for authenticating:

```
defaults write sogo SOGoUserSources '{
CNFieldName = cn;
IDFieldName = uid;
UIDFieldName = uid;
IMAPHostFieldName = mailHost;
baseDN = "ou=accounts,dc=ketzaldev,dc=org";
bindDN = "uid=sogadmin,ou=accounts,dc=ketzaldev,dc=org";
bindPassword = qwerty;
canAuthenticate = YES;
displayName = "Shared Addresses";
hostname = "localhost";
id = public;
isAddressBook = YES;
port=389})'
```