

RAPPORT D'implémentation COUPLAGE **FTP-LDAP**

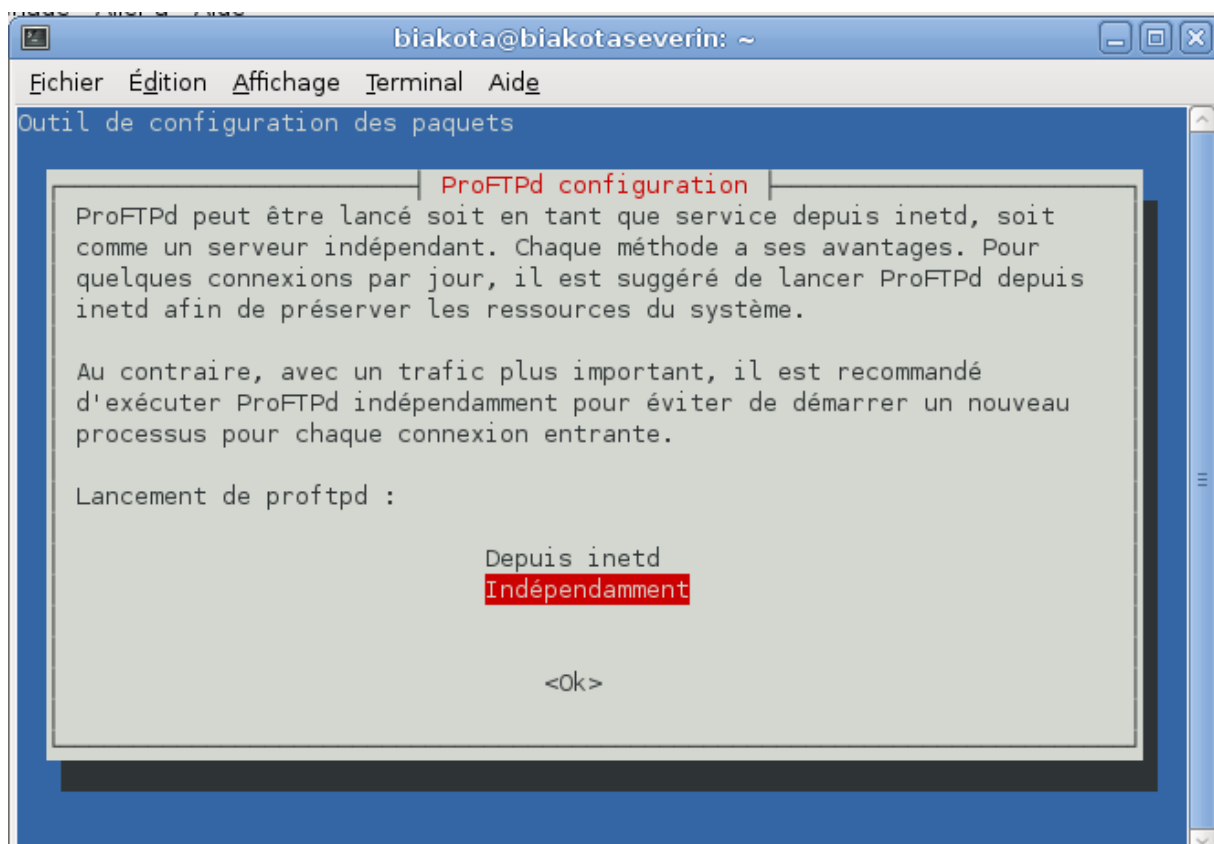
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Couplage FTP-LDAP

Tout d'abord nous allons installer le paquet proftpd-ldap

```
root@biakotaseverin:/# apt-get install proftpd-ldap
```



Copiant le fichier slap.conf dans le répertoire « /etc/ldap

```
root@biakotaseverin:/# cp /usr/share/doc/slapd/examples/slapd.conf /etc/ldap/
```

Editer le fichier slapd.conf

```
root@biakotaseverin:/etc/ldap# gedit slapd.conf
```

Modifiant les lignes suivantes

```
moduleload      back_hdb
```

```

backend            hdb

database           hdb

suffix             "dc=sica,dc=cf"

access to *
    by dn="cn=admin,dc=sica,dc=cf" write
    by * read

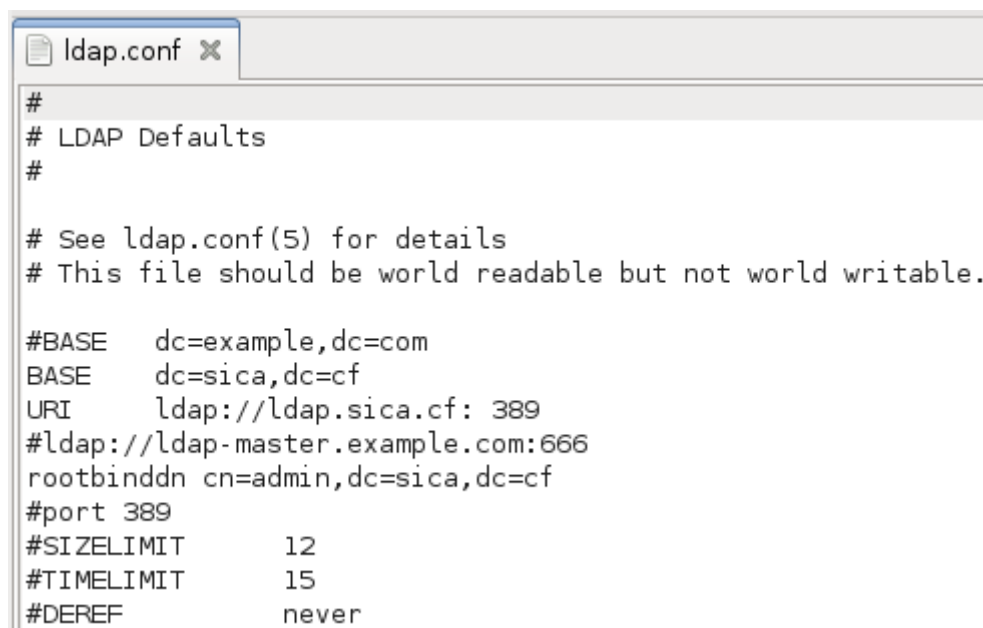
access to attrs=userPassword,shadowLastChange
    by dn="cn=admin,dc=sica,dc=cf" write
    by anonymous auth
    by self write
    by * none
rootdn             "cn=admin,dc=sica,dc=cf"
rootpw             {SSHA}Bwt46RCjk0fAAirsqt4gF2Wkr+J5Gw/C

access to *
    by dn="cn=admin,dc=sica,dc=cf" write
    by * read

```

Créons le fichier `ldap.conf` et Ajoutant au fichier la lignes suivantes

```
root@biakotaseverin:/etc/ldap# gedit ldap.conf |
```



```

#
# LDAP Defaults
#
# See ldap.conf(5) for details
# This file should be world readable but not world writable.

#BASE    dc=example,dc=com
BASE     dc=sica,dc=cf
URI      ldap://ldap.sica.cf: 389
#ldap://ldap-master.example.com:666
rootbinddn cn=admin,dc=sica,dc=cf
#port 389
#SIZELIMIT      12
#TIMELIMIT      15
#DEREF          never

```

Creons le fichier suivantes

```
user.ldif ✕
dn: uid= severin,ou=groupe,dc=sica,dc=cf
ObjectClass: Account
ObjectClass: PosixAccount
ObjectClass: shadowAccount
uid: severin
userPassword: {SSHA}4pKk68/oC00iAqYcxSMuHAmg+ZjzBUqF
uidNumber: 1010
gidNumber: 1010
Cn: slt frangin
homeDirectory: /home/severin
loginShell: /bin/bash

dn: uid=biakota,ou=groupe,dc=sica,dc=cf
Objectclass: Account
Objectclass: PosixAccount
Objectclass: shadowAccount
uid: biakota
userPassword: {SSHA}4pKk68/oC00iAqYcxSMuHAmg+ZjzBUqF
uidNumber: 1010
gidNumber: 1010
Cn: slt frangin
homeDirectory: /home/biakota
loginShell: /bin/bash
```

```
ou.ldif ✕
dn: ou= groupe, dc= sica, dc=cf
Objectclass: organizationalUnit
ou: groupe
```

```
racine.ldif ✕
dn: dc= sica, dc=cf
Objectclass: dcObject
Objectclass: organization
o: sica.cf
```

Ajouter ces utilisateurs dans l'annuaire ldap

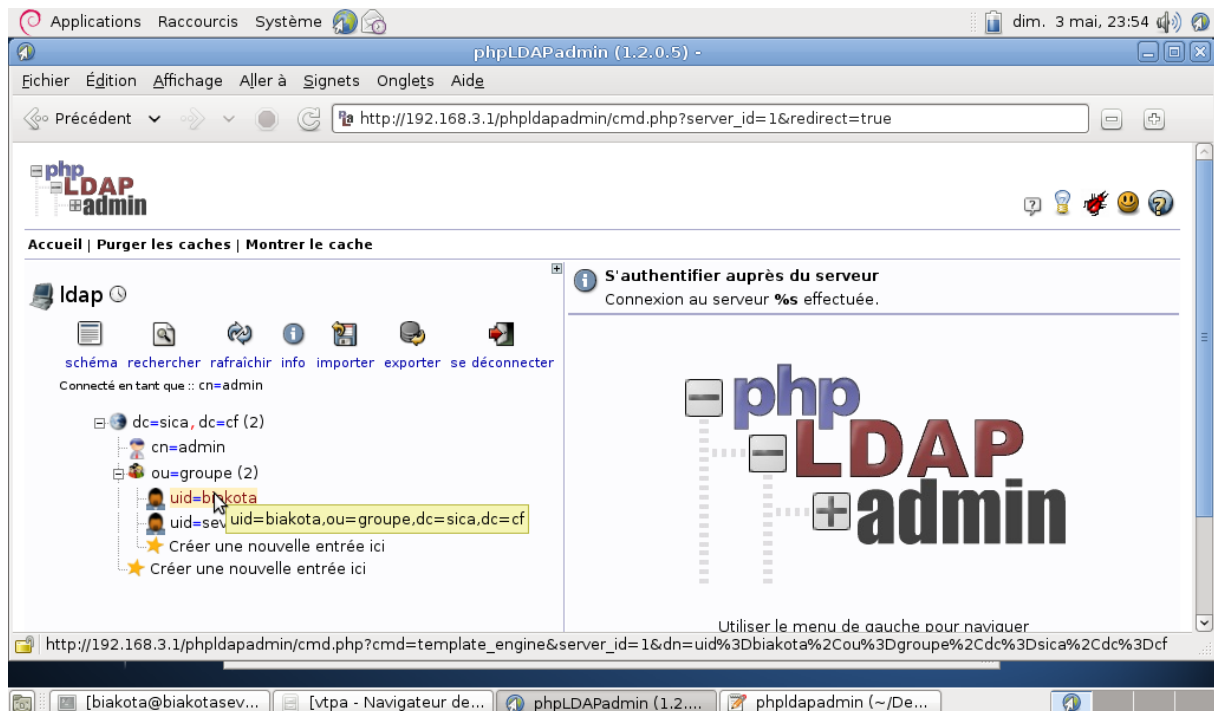
```
root@biakotaseverin:/etc/ldap# ldapadd -x -D "cn=admin,dc=sica, dc=cf" -W -f user.ldif █
```

```
root@biakotaseverin:/etc/ldap# ldapadd -x -D "cn=admin,dc=sica, dc=cf" -W -f ou.ldif █
```

```
root@biakotaseverin:/etc/ldap# ldapadd -x -D "cn=admin,dc=sica, dc=cf" -W -f racine.ldif █
```

Vérifiant l'ajout de ces utilisateurs

Allons sur le navigateur et entre l'adresse suivante
<http://192.168.3.1/phpldapadmin>



Nous venons de finir avec Ldap

Maintenant allons sur proftpd

Editons le fichier proftpd.conf

Modifions les lignes suivantes

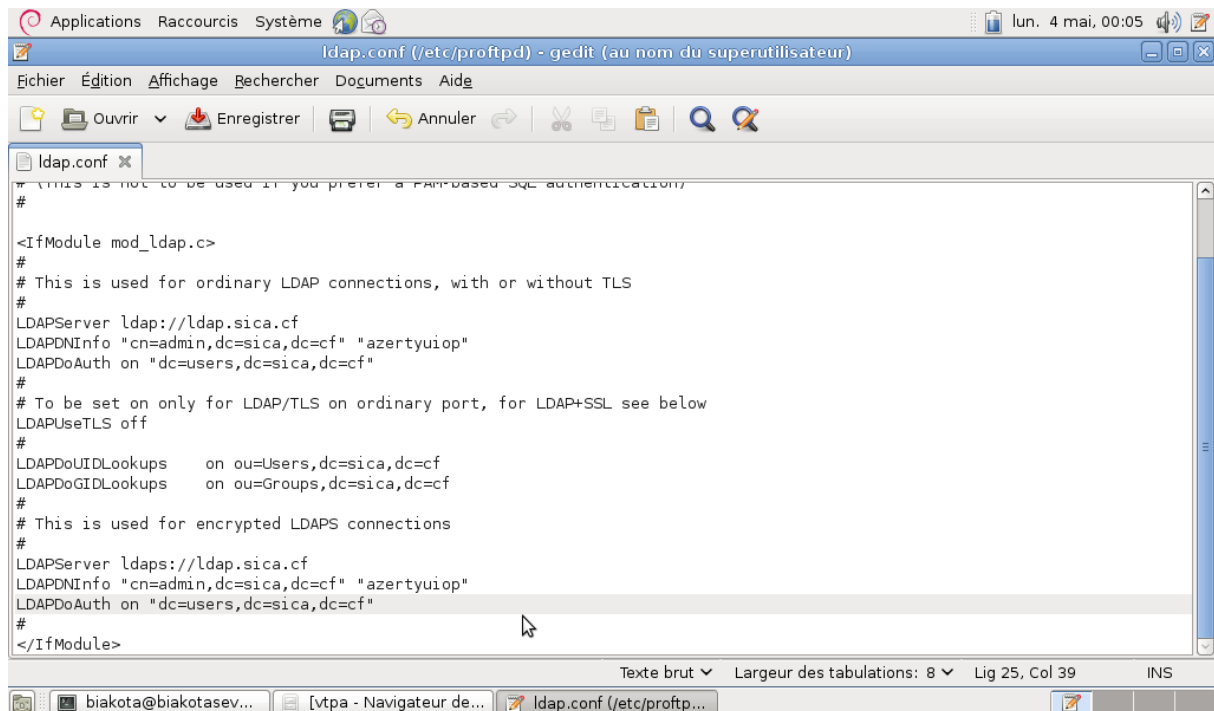
```
root@biakotaseverin:/etc/proftpd# gedit proftpd.conf
```

```
UseIPv6                                off
```

```
Include /etc/proftpd/ldap.conf
```

Modifiant le fichier ldap.conf

```
root@biakotaseverin:/etc/proftpd# gedit ldap.conf
```



Modifions le fichier TLS.conf

```

"
TLRSACertificateFile          /etc/ssl/certs/proftpd.crt
TLRSACertificateKeyFile       /etc/ssl/private/proftpd.key
#

```

```

|TLSOptions          AllowPerUser

```

```

|TLSRequired          on

```

Creons le repertoire ssl et le certificat

```

root@biakotaseverin:/etc/proftpd# mkdir /etc/proftpd/ssl

root@biakotaseverin:/etc/proftpd# openssl genrsa -out proftpd.key 1024
Generating RSA private key, 1024 bit long modulus
.....++++++
.....++++++
e is 65537 (0x10001)
root@biakotaseverin:/etc/proftpd# █

```

```

root@biakotaseverin:/etc/proftpd# openssl req -new -x509 -days 3650 -key proftp.
key -out proftp.crt
You are about to be asked to enter information that will be incorporated
into your certificate request.
What you are about to enter is what is called a Distinguished Name or a DN.
There are quite a few fields but you can leave some blank
For some fields there will be a default value,
If you enter '.', the field will be left blank.
-----
Country Name (2 letter code) [AL]:

```

```

root@biakotaseverin:/etc/proftpd# openssl req -new -x509 -days 3650 -key proftp.
key -out proftp.crt
You are about to be asked to enter information that will be incorporated
into your certificate request.
What you are about to enter is what is called a Distinguished Name or a DN.
There are quite a few fields but you can leave some blank
For some fields there will be a default value,
If you enter '.', the field will be left blank.
-----
Country Name (2 letter code) [AL]:CE
State or Province Name (full name) [nedroma]:Central African Republic
Locality Name (eg, city) []:Central African Republic Bangui
Organization Name (eg, company) [ing]:ist
Organizational Unit Name (eg, section) []:
Common Name (eg, YOUR name) []:POUMBOU
Email Address []:severin@sica.cf
root@biakotaseverin:/etc/proftpd#

```

```

root@biakotaseverin:/# service proftpd restart
Stopping ftp server: proftpd.
Starting ftp server: proftpd.
root@biakotaseverin:/#

```

Teste si l'utilisateur Ldap peut se connecter sur FTP

```

root@biakotaseverin:/# ftp 192.168.3.1
Connected to 192.168.3.1.
220 ProFTPD 1.3.3a Server (Debian) [192.168.3.1]
Name (192.168.3.1:biakota): biakota
331 Password required for biakota
Password:
230 User biakota logged in
Remote system type is UNIX.
Using binary mode to transfer files.
ftp>

```

```

ftp> ls
200 PORT command successful
150 Opening ASCII mode data connection for file list
-rw-r--r-- 1 biakota biakota 850055 May 1 16:09 2005-Stage-Geli-Wifi.pdf
-rw-r--r-- 1 biakota biakota 3015 Apr 18 09:50 Capture.png
drwxr-xr-x 16 biakota biakota 4096 May 3 22:31 Desktop
drwxr-xr-x 12 biakota biakota 4096 May 1 16:22 Downloads
-rw-r--r-- 1 biakota biakota 381823 May 1 16:26 FileZilla-2.pdf
-rw-r--r-- 1 biakota biakota 350336 May 1 16:19 How to install and configure ProFTPD on Debian Wheezy and Ubuntu 14.04
.html
drwxr-xr-x 10 biakota biakota 4096 May 1 16:19 How to install and configure ProFTPD on Debian Wheezy and Ubuntu 14.04
_files
-rw-r--r-- 1 biakota biakota 1599098 May 1 15:31 MARACHE_Weber_Firmin.pdf
-rw-r--r-- 1 root root 23695 Apr 27 20:32 config.php
-rw-r--r-- 1 biakota biakota 3466521 May 1 16:04 d7e78532f7ba68093cacc7368852ca49.pdf
drwxr-xr-x 5 biakota biakota 4096 Apr 17 14:59 ldap
drwxr-xr-x 21 root root 4096 Apr 27 16:12 openssl-1.0.2a
-rw-r--r-- 1 biakota biakota 5290658 Apr 25 16:17 openssl-1.0.2a.tar.gz
-rw-r--r-- 1 biakota biakota 771794 Apr 24 16:32 phpldapadmin-0.9.8.3.tar.gz
drwxr-xr-x 10 biakota biakota 4096 Mar 20 2009 phpldapadmin-1.1.0.7
-rw-r--r-- 1 biakota biakota 1190359 Apr 17 11:37 phpldapadmin-1.1.0.7.tar.gz
-rw-r--r-- 1 biakota biakota 1597001 Jun 15 2013 postfixadmin-2.3.6.tar.gz
-rw-r--r-- 1 biakota biakota 1121188 May 1 15:42 radiusldap
-rw-r--r-- 1 biakota biakota 458815 May 1 16:21 tutoriel_filezilla.pdf
226 Transfer complete
ftp> █

```

