

Samba-Server

<http://haknode.blogspot.co.at/2014/03/ldap-und-samba-ubuntu-server-1204.html>

```
sudo apt-get install samba samba-doc smbldap-tools
sudo apt-get install dpkg-dev
sudo apt-get source smbldap-tools
```

vi /etc/samba/smb.conf

```
[global]

## Browsing/Identification ###

# Change this to the workgroup/NT
workgroup = DOMSMB
realm = DOMSMB.example.com
security = user
```

Am Ende der Datei

```
[share]
comment = allgemeiner share mit gastzugriff
path = /srv/share
browsable = yes
guest ok = yes
read only = no
create mask = 0755

[usershare]
comment = allgemeiner share ohne gastzugriff
path = /srv/usershare
browsable = yes
guest ok = no
read only = no
create mask = 0755
```

```
mkdir -p /srv/share && mkdir -p /srv/usershare
chown nobody.nogroup /srv/share && chown nobody.nogroup /srv/usershare
```

Samba Schema zu LDIF konvertieren

```
sudo gzip -d /usr/share/doc/samba-doc/examples/LDAP/samba.schema.gz
cp /usr/share/doc/samba-doc/examples/LDAP/samba.schema.gz
/etc/ldap/schema/samba.schema
```

cd

vi schema_convert.conf erzeugen mit folgenden Inhalt:

```
include /etc/ldap/schema/core.schema
include /etc/ldap/schema/collective.schema
include /etc/ldap/schema/corba.schema
include /etc/ldap/schema/cosine.schema
```

```
include /etc/ldap/schema/duaconf.schema
include /etc/ldap/schema/dyngroup.schema
include /etc/ldap/schema/inetorgperson.schema
include /etc/ldap/schema/java.schema
include /etc/ldap/schema/misc.schema
include /etc/ldap/schema/nis.schema
include /etc/ldap/schema/openldap.schema
include /etc/ldap/schema/ppolicy.schema
include /etc/ldap/schema/ldapns.schema
include /etc/ldap/schema/pmi.schema
include /etc/ldap/schema/samba.schema
```

```
mkdir ldif_out
slapcat -f schema_convert.conf -F ldif_out -n 0 | grep samba,cn=schema
slapcat -f schema_convert.conf -F ldif_out -n0 -H
ldap:///cn={14}samba,cn=schema,cn=config -l cn=samba.ldif
vi cn=samba.ldif
Ersten Zeilen Index {14} löschen und letzten 7 Zeilen
```

```
ldapadd -Q -Y EXTERNAL -H ldapi:/// -f cn\samba.ldif
ldapsearch -Q -LLL -Y EXTERNAL -H ldapi:/// -b cn=schema,cn=config 'cn=*samba*'
```

Indexeinträge erstellen

vi samba_indices.ldif erzeugen mit folgenden Inhalt:

```
dn: olcDatabase={1}hdb,cn=config
changetype: modify
add: olcDbIndex
olcDbIndex: uidNumber eq
olcDbIndex: gidNumber eq
olcDbIndex: loginShell eq
olcDbIndex: uid eq,pres,sub
olcDbIndex: memberUid eq,pres,sub
olcDbIndex: uniqueMember eq,pres
olcDbIndex: sambaSID eq
olcDbIndex: sambaPrimaryGroupSID eq
olcDbIndex: sambaGroupType eq
olcDbIndex: sambaSIDList eq
olcDbIndex: sambaDomainName eq
olcDbIndex: default sub
```

```
sudo ldapmodify -Q -Y EXTERNAL -H ldapi:/// -f samba_indices.ldif
sudo ldapsearch -Q -LLL -Y EXTERNAL -H ldapi:/// -b cn=config olcDatabase={1}hdb
olcDbIndex
```

smbldap-tools

```
apt-get source smbldap-tools
cd smbldap-tools_0.9.7
./configure
make && make install
mkdir /usr/local/smbldap-tools
./smbldap-config.cmd
```

Alles mit ENTER außer:

```
ldap suffix:      dc=nwsy,dc=ldap
ldap group suffix  ou=groups
ldap user suffix   ou=users
ldap machine suffix ou=computers
ldap master bind dn:  cn=admin,dc=nwsy,dc=ldap
ldap master bind password: cisco
ldap slave bind dn:   cn=admin,dc=nwsy,dc=ldap
ldap slave bind password: cisco
```

```
slapcat -l backup1.ldif
smbldap-populate -e samba.ldif
smbldap-populate
vim schema_convert.conf
slapcat -f schema_convert.conf -F ldif_out -n0 -H
ldap:///cn={14}samba,cn=schema,cn=config -l cn=samba.ldif
vim cn\samba.ldif
/etc/init.d/slapd restart
cd /etc/ldap/slapd.d/cn\=config/cn\=schema
ls -l
chown openldap:openldap *
/etc/init.d/slapd start
cd
smbldap-populate
```

Samba konfigurieren

```
vi /etc/samba/smb.conf
restart smbd
restart nmbd
smbpasswd -w maxima
```

LDAP Authentifizierung am Server

```
apt-get install libnss-ldap
vi /etc/ldap.conf
auth-client-config -t nss -p lac_ldap
pam-auth-update
reboot
```

Neuen Samba Benutzer erzeugen

```
smbldap-useradd -a hannes
smbldap-passwd cisco
```

Domain

```
cd /etc/samba/
ls
vim smb.conf
service samba restart
tail /var/log/samba/log.smbd
samba-tool domain provision
ls
mv smb.conf smb.conf.old
samba-tool domain provision
vim smb.conf
mv smb.conf.old smb.conf
vim smb.conf
service samba restart
/etc/init.d/samba restart
samba-tool domain provision
vim smb.conf
samba-tool domain provision
hostname -fqdn
hostname -A
hostname
domainname
samba-tool domain provision
vim smb.conf
samba-tool domain provision
mv smb.conf smb.conf.old
samba-tool domain provision
vim smb.conf
cat smb.conf >> smb.conf.old
mv smb.conf.old smb.conf
vim smb.conf
samba-tool domain provision
vim smb.conf
/etc/init.d/samba restart
/etc/init.d/samba-ad-dc restart
/etc/init.d/smbd restart
tail /var/log/syslog
tail /var/log/samba/log.adler-pc
ls -l /var/log/samba/
tail /var/log/samba/log.smbd
smbclient -L localhost
smbclient -L localhost -U%
smbclient //localhost/netlogon -UAdministrator -c 'ls'
tail /var/log/samba/log.smbd
ls -l /var/log/samba/
tail /var/log/samba/log.%m
vim smb.conf
service samba restart
pstree
ip addr
```