

Samba auf Opensuse aus dem Sourcecode installieren

(!! alle Angaben ohne Garantie, ein Update von Samba kann immer zum kompletten Datenverlust führen!!)

Bei Erstinstallation:

mit zypper oder yast Pakete
samba smbclient löschen.

Mit yast Schemata

Base Development
c/C++ Development

installieren

Zusätzlich folgende Pakete mit zypper installieren:

zypper in libacl-devel python-selinux autoconf make python-devel gdb sqlite3-devel libgnutls-devel
binutils policycoreutils-python setools-libs selinux-policy setools-libs popo-devel libpcap-devel
keyutils-devel libidn-devel libxml2-devel libacl-devel libsepol-devel libattr-devel zlib-devel cyrus-
sasldb-devel gcc krb5-client openldap2-devel libopenssl-devel bind-utils bind-libs

Bei einem Update

smb.conf
/var/lib/samba
sichern / kopieren

Quelle herunterladen und entpacken:

```
cd /home/src/  
wget -cq https://www.samba.org/samba/ftp/samba-latest.tar.gz  
tar xzf samba-latest.tar.gz
```

Übersetzen und installieren (wofür die Standard-Verzeichnisse von Opensuse eingestellt werden):

```
./configure --prefix=/ --sysconfdir=/etc/samba/ --enable-selftest --mandir=/usr/share/man/ --with-  
privatedir=/var/lib/samba/private --sbindir=/usr/sbin/  
make  
make install
```

Startscript erstellen:

/usr/lib/systemd/system/samba-ad-dc.service

```
[Unit]
Description=Samba4 ADDC
After=network.target remote-fs.target nss-lookup.target

[Service]
Type=forking
ExecStart=/usr/sbin/samba -D --configfile=/etc/samba/smb.conf
PIDFile=/var/run/samba.pid

[Install]
WantedBy=multi-user.target
```

=====
/etc/nsswitch.conf

```
....
passwd: compat winbind
group: compat winbind
shadow: compat winbind
....
```

=====
/etc/krb5.co

```
[libdefaults]
    default_realm = EXAMPLE.SITE
    dns_lookup_realm = false
    dns_lookup_kdc = true
[realms]
    EXAMPLE.SITE = {
        kdc = servername.EXAMPLE.SITE:88
        default_domain = EXAMPLE.SITE }
[logging]
    kdc = FILE:/var/log/krb5/krb5kdc.log
    admin_server = FILE:/var/log/krb5/kadmind.log
    default = SYSLOG:NOTICE:DAEMON
[domain_realm]
.example.site = EXAMPLE.SITE
example.site = EXAMPLE.SITE
```

/etc/resolv.conf

```
nameserver 127.0.0.1
....
```

Provisionierung:

```
samba-tool domain provision --realm=example.site --domain=example
--adminpass="your_password" --server-role=dc -dns-backend=SAMBA_INTERNAL
```

Bsp. Für minimale smb.conf (nach Provisionierung ergänzen)

```
=====
# Global parameters
[global]
    realm = EXAMPLE.SITE
    workgroup = EXAMPLE
    dns forwarder = 8.8.8.8
    netbios name = sambaserver
    server role = active directory domain controller
    idmap config * : range = 1000 - 19999
    idmap config EXAMPLE : backend = rid
    idmap config EXAMPLE : range = 1000000 - 1999999
    store dos attributes = yes
    inherit acls = yes
    vfs objects = acl_xattr

[netlogon]
    path = //var/locks/sysvol/example.site/scripts
    read only = No

[sysvol]
    path = //var/locks/sysvol
    read only = No

[daten]

    path = /home /daten
    read only = no
```

Testen des neu installierten / aktualisierten Samba Servers:

Listen to Ports

```
netstat -tlnp |grep samba
```

DNS Test

```
host sambaserver.example.site
```

Kerberos – Test

```
host -t SRV _kerberos._tcp.example.site
```

LDAP – Test

```
host -t SRV _ldap._tcp.example.site
```

Global Catalog – Test

```
host -t SRV _gc._tcp.example.site
```

Verbindungsaufbau – Test

```
smbclient -L localhost
```

Kerberos – Test

```
kinit administrator
```

```
klist
```

LDAP Server – Test

```
ldbsearch -H ldap://sambaserver.example.site „cn=administrator“ -U administrator -k yes
```