Samba auf Opensuse LEAP 15 installieren (samba 4.7.10)

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Stand: 12.01.2019

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

Installation:

- LEAP 15 als „Server“ installieren (Auswahl im Install-Menü damit SAMBA-Pakete gleich mit installiert werden)

Nach dem ersten Boot:

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- **rm /*etc/samba/smb.conf***
- ***rm /etc/krb5.conf***
  (sonst gibt das samba-tool bei der Provisionierung einen ERROR aus)

Provisionierung:

```
samba-tool domain provision --use-rfc2307 --realm=zion1.site --domain=zion1 --adminpass="your_password" --server-role=dc --dns-backend=SAMBA_INTERNAL
```

Startscript wird automatisch erstellt (/usr/lib/systemd/system/samba-ad-dc.service)
starten mit **systemctl start samba-ad-dc.service**

Kontrolle

==========

/etc/nsswitch.conf

….

passwd: compat winbind

group: compat winbind

shadow: compat winbind

….

Kontrolle:

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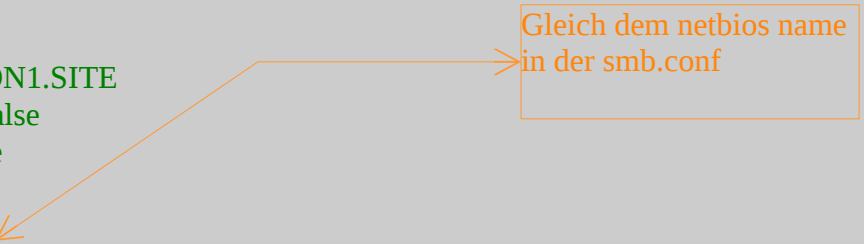
/etc/krb5.conf

=========

```
[libdefaults]
        default_realm = ZION1.SITE
      dns_lookup_realm = false
      dns_lookup_kdc = true
[realms]
        ZION1.SITE = {
                kdc = samba4.ZION1.SITE:88
               default_domain = ZION1.SITE       }
[logging]
   kdc = FILE:/var/log/krb5/krb5kdc.log
   admin_server = FILE:/var/log/krb5/kadmind.log
   default = SYSLOG:NOTICE:DAEMON
[domain_realm]
.zion1.site = ZION1.SITE
zion1.site = ZION1.SITE
```



/etc/hosts

```
============
127.0.0.1   localhost
127.0.0.2   samba4                                  #netbiosname
192.168.217.188 samba4.zion1.site    samba4     # own IP Address to HOSTNAME
....
```

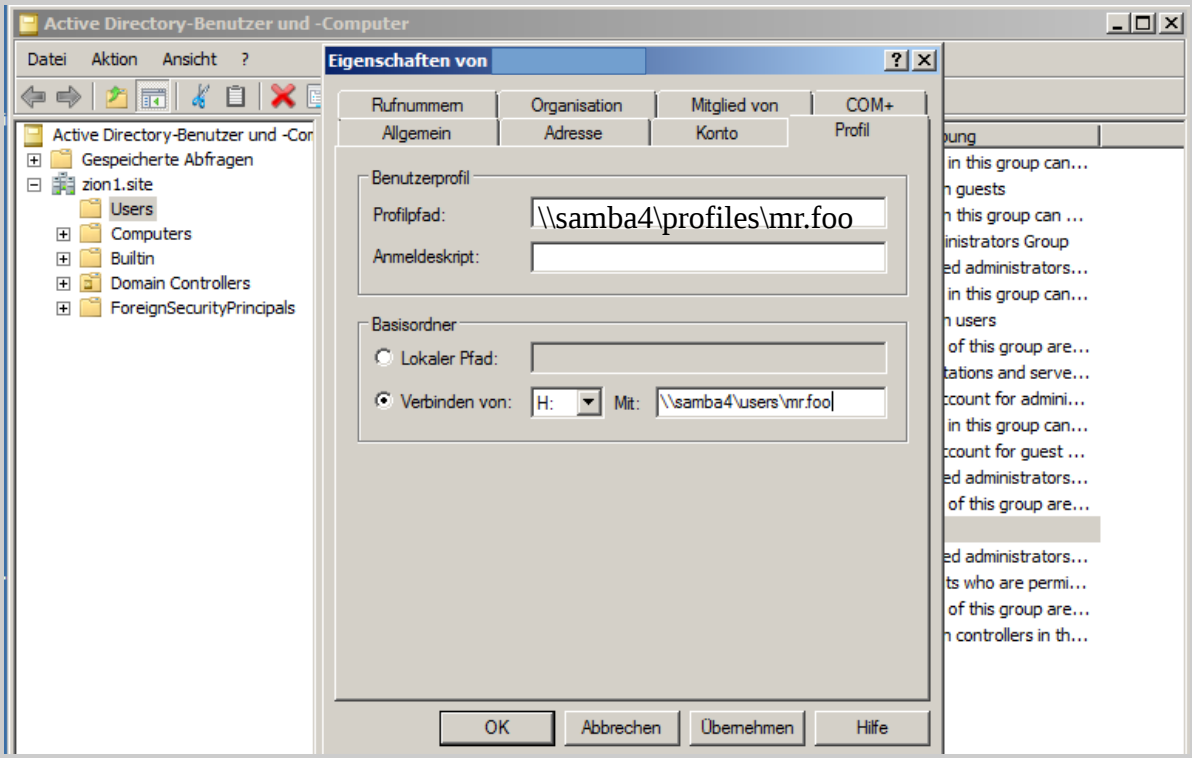
/etc/resolv.conf

```
============
nameserver 127.0.0.1
nameserver 1.1.1.1
....
```

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

```
============================================================
# Global parameters
[global]
      dns forwarder = 1.1.1.1
      netbios name = SAMBA4
      realm = ZION1.SITE
      server role = active directory domain controller
      workgroup = ZION1
      idmap_ldb:use rfc2307 = yes

      idmap config ZION1 : unix_nss_info = yes
      idmap config ZION1 : schema_mode = rfc2307

      vfs objects = acl_xattr streams_xattr
      map acl inherit = yes
      store dos attributes = yes

      winbind enum users = yes
      winbind enum groups = yes
      winbind use default domain = yes
      winbind refresh tickets = Yes
      template shell = /bin/bash

# admin users = @"ZION1.SITE\Domain Admims"
admin users = mr.foo , mrs.big

###Using Samba 4.6.0 and later, users are no longer able to use incorrect ID
###mapping configurations.
#######https://wiki.samba.org/index.php/Idmap_config_ad
##----------------------------------------
 # vfs modul 'Papierkorb' einbinden
        vfs objects = recycle
        # Verzeichnis fuer PK
        recycle: repository = .zzzz_Papierkorb__Netzwerk
        # Verzeichnisstruktur im PK mitsichern
        recycle: keeptree = Yes
        # sofort zu loeschende Dateitypen
        recycle: exclude = *.tmp, *.temp, *.log, *.ldb, *.exe
        # sofort zu loeschende Verzeichnisse
        recycle: exclude_dir = tmp
        # PK Dateien versionieren
        recycle:versions = No
        # Ausnahmen fuer Versionierung
        # recycle: noversions = *.doc, *.xls, *.mdb, *.pdf

##--------------------------------------
```

```
[netlogon]
      path = //var/locks/sysvol/zion1.site/scripts
      read only = No

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

[daten]

 path = /home /daten
 read only = no

[users]
      # Homes über dsa.msc in Windows eingestellt
      browseable = No
      comment = HeimatVerzeichnisse
      create mask = 0700
      directory mask = 0700
      path = /home/ZION1
      read only = No

[profiles]
         comment = Users profiles
         path = /profiles/
         browseable = No
         read only = No
         force create mode = 0600
         force directory mode = 0700
         csc policy = disable
         store dos attributes = yes
         vfs objects = acl_xattr

        ## HINT ##
        # mkdir -p /profiles/
        # chgrp -R users /profiles/
        # chmod 1770 /profiles/
        #       net groupmap list ntgroup='Domain Users'   result --> users
        #        wbinfo --group-info='Domain users'        result ---> users
```



Verwalter und Rechte auf dem Fileserver(bei Problemen...):

Rechte prüfen/einstellen Bsp.:

```
setfacl -m:mr.foo:rwx /daten
```

```
chmod g+rw /home/ZION1
```

Testen des neu installierten / aktualisierten Samba Servers:

Listen to Ports
netstat -tlpn |grep samba

DNS Test
host sambaserver.zion1.site

Kerberos – Test
host -t SRV _kerberos._tcp.zion1.site

LDAP – Test
host -t SRV _ldap._tcp.zion1.site

Global Catalog – Test
host -t SRV _gc._tcp.zion1.site

Verbindungsaufbau – Test
smbclient -L localhost

Kerberos – Test
kinit administrator
klist

LDAP Server – Test
lbdsearch -H ldap://sambaserver.zion1.site „cn=administrator“ -U administrator -k yes