

# Joindre un Domaine en tant que Serveur de fichiers

## Pré-requis

Pour pouvoir joindre un contrôleur de domaine, il faut configurer le serveur de DNS de la machine. Par exemple, avec `/etc/resolv.conf`

[/etc/resolv.conf](#)

```
search domain.tld
nameserver 192.168.4.2
```

## Initialisation

Pour commencer, on va installer les packages nécessaires (ignorez les configurations demandées):

```
# apt install acl attr samba krb5-user krb5-config winbind smbclient libnss-winbind
```

Il vous faudra commencer par arrêter samba :

```
# systemctl stop nmbd smbdc winbind
```

Il vous faudra modifier la configuration de samba :

[/etc/samba/smb.conf](#)

```
[global]
  workgroup = DOMAIN
  security = ADS
  realm = DOMAIN.TLD

  winbind refresh tickets = Yes
  vfs objects = acl_xattr
  map acl inherit = Yes
  store dos attributes = Yes

  log file = /var/log/samba/log.%m
  max log size = 1000
  panic action = /usr/share/samba/panic-action %d
  map to guest = Bad User

  dedicated keytab file = /etc/krb5.keytab
```

```
kerberos method = secrets and keytab

idmap config * : backend = tdb
idmap config * : range = 3000-7999

idmap config DOMAIN:backend = rid
idmap config DOMAIN:schema_mode = rfc2307
idmap config DOMAIN:range = 10000-999999
idmap config DOMAIN:unix_nss_info = yes
idmap config DOMAIN:default = yes

template shell = /bin/false
template homedir = /dev/null

server role = member server

[Mon partage]
    path = /opt/Mon partage
    read only = No
```

Il vous faudra configurer Kerberos <sup>1)</sup>:

[/etc/krb5.conf](#)

```
[libdefaults]
    dns_lookup_realm = false
    dns_lookup_kdc = true
    default_realm = DOMAIN.TLD
```

Puis joindre le domaine :

```
# net ads join -U administrateur
```

```
Enter administrator's password: Passw0rd
Using short domain name -- DOMAIN
Joined 'fs' to dns domain 'domain.tld'
```

Il faudra ensuite ajouter **winbind** a la fin des deux lignes suivantes :

[/etc/nsswitch.conf](#)

```
# /etc/nsswitch.conf
#
# Example configuration of GNU Name Service Switch functionality.
# If you have the `glibc-doc-reference' and `info' packages installed,
# try:
# `info libc "Name Service Switch"' for information about this file.
```

```
passwd:      files systemd winbind
group:       files systemd winbind
shadow:      files
gshadow:     files

hosts:       files dns
networks:    files

protocols:   db files
services:    db files
ethers:      db files
rpc:         db files

netgroup:    nis
```

et pour finir démarrer les services

```
# systemctl start nmbd smbdc winbind
```

1)

default\_realm doit être en majuscule

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