

Création de l'AD

Pour configurer le TLS

https://wiki.samba.org/index.php/Samba_AD_DC_Port_Usage

<https://fedoramagazine.org/samba-as-ad-and-domain-controller/>

Ajouter dans le fichier /etc/hosts :

192.168.254.29 dc1.supercompta.com DC1

```
sudo dnf install samba samba-dc samba-client krb5-workstation
```

```
sudo hostnamectl hostname dc1.supercompta.com
```

```
sudo firewall-cmd --permanent --add-service samba-dc
```

```
sudo firewall-cmd --reload
```

```
sudo setsebool -P samba_create_home_dirs=on samba_domain_controller=on  
samba_enable_home_dirs=on samba_portmapper=on use_samba_home_dirs=on
```

```
sudo restorecon -Rv /
```

```
sudo rm /etc/samba/smb.conf
```

```
sudo mkdir /etc/systemd/resolved.conf.d/
```

Créer le fichier : */etc/systemd/resolved.conf.d/custom.conf* :

```
[Resolve]  
DNSStubListener=no  
Domains=supercompta.com  
DNS=192.168.254.29
```

```
sudo systemctl restart systemd-resolved
```

```
sudo samba-tool domain provision --server-role=dc --use-rfc2307 --dns-  
backend=SAMBA_INTERNAL --realm=SUPERCOMPTA.COM --domain=SUPERCOMPTA --adminpass=Passw0rd
```

Dans */etc/samba/smb.conf* :

Modifier le DNS FORWARDER = 192.168.254.29

en DNS FORWARDER = 8.8.8.8

```
sudo cp /usr/share/samba/setup/krb5.conf /etc/krb5.conf.d/samba-dc
```

Modifier */etc/krb5.conf.d/samba-dc* :

```
[libdefaults]
    default_realm = SUPERCOMPTA.COM
    dns_lookup_realm = false
    dns_lookup_kdc = true

[realms]
SUPERCOMPTA.COM = {
    default_domain = SUPERCOMPTA
}

[domain_realm]
    dc1.supercompta.com = SUPERCOMPTA.COM
```

```
sudo systemctl enable samba
```

```
sudo systemctl start samba
```

Tester :

```
smbclient -L localhost -N
```

Résultat :

```
Anonymous login successful
      Sharename      Type      Comment
      -
      sysvol         Disk
      netlogon       Disk
      IPC$           IPC       IPC Service (Samba 4.15.6)
SMB1 disabled -- no workgroup available
```

```
smbclient //localhost/netlogon -UAdministrator -c 'ls'
```

Résultats :

```
Password for [ONDA\Administrator]:
.                                     D          0   Sat Mar 26 05:45:13 2022
..                                    D          0   Sat Mar 26 05:45:18 2022

      8154588 blocks of size 1024. 7307736 blocks available
```

```
host -t SRV _ldap._tcp.supercompta.com.
```

Résultat : `_ldap._tcp.supercompta.com` has SRV record 0 100 389 dc1.supercompta.com.

```
host -t SRV _kerberos._udp.supercompta.com.
```

Résultat : `_kerberos._udp.supercompta.com` has SRV record 0 100 88 dc1.supercompta.com.

```
host -t A dc1.supercompta.com.
```

Résultat : `dc1.supercompta.com. has address 192.168.254.29`

```
kinit administrator
```

Résultat : entrer mot de passe

```
klist
```