
Preparations

Change DNS setting to refer to Active Directory

```
nano /etc/resolv.conf

nameserver 10.0.0.100 # IP of your AD
```

Install packages

```
apt -y install realmd sssd sssd-tools adcli krb5-user packagekit samba-common
samba-common-bin samba-libs
```

If DHCP server is running, select [Yes], if not, select [No]

```
+-----+ Samba server and utilities +-----+
|
| If your computer gets IP address information from a DHCP server on the
| network, the DHCP server may also provide information about WINS servers
| ("NetBIOS name servers") present on the network. This requires a change
| to your smb.conf file so that DHCP-provided WINS settings will
| automatically be read from /var/lib/samba/dhcp.conf.
|
| The dhcp-client package must be installed to take advantage of this
| feature.
|
| Modify smb.conf to use WINS settings from DHCP?
|
|                                     <Yes>                                     <No>
|
+-----+
```

Specify Realm Name

```

+-----+ Configuring Kerberos Authentication +-----+
| When users attempt to use Kerberos and specify a principal or user name |
| without specifying what administrative Kerberos realm that principal    |
| belongs to, the system appends the default realm. The default realm may |
| also be used as the realm of a Kerberos service running on the local    |
| machine. Often, the default realm is the uppercase version of the local |
| DNS domain.                                                             |
|                                                                           |
| Default Kerberos version 5 realm:                                       |
|                                                                           |
| SRV.WORLD_____                                                        |
|                                                                           |
|                               <Ok>                                       |
|                                                                           |
+-----+

```

Specify AD DS Hostname

```

+-----+ Configuring Kerberos Authentication +-----+
| Enter the hostnames of Kerberos servers in the SRV.WORLD Kerberos realm |
| separated by spaces.                                                    |
|                                                                           |
| Kerberos servers for your realm:                                       |
|                                                                           |
| fd3s.srv.world_____                                                  |
|                                                                           |
|                               <Ok>                                       |
|                                                                           |
+-----+

+-----+ Configuring Kerberos Authentication +-----+
| Enter the hostname of the administrative (password changing) server for |
| the SRV.WORLD Kerberos realm.                                          |
|                                                                           |
| Administrative server for your Kerberos realm:                         |
|                                                                           |
| fd3s.srv.world_____                                                  |
|                                                                           |
|                               >Ok<                                       |
|                                                                           |
+-----+

```

Join in Active Directory Domain.

```
realm join serverdc.tutorialesit.com -U 'Administrador' -v
```

Config auto home folder creation

Command:

```
pam-auth-update
```

Check mkhomedir.

To finish we have to restart the sssd service

```
sudo systemctl restart sssd
```