Serveur de fichiers Samba
Debian 11

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BTS SIO SLAM

Pré-requis :
Un serveur Debian 11

Serveur Debian

Connectez-vous sur votre machine Linux et mettez à jour la liste des
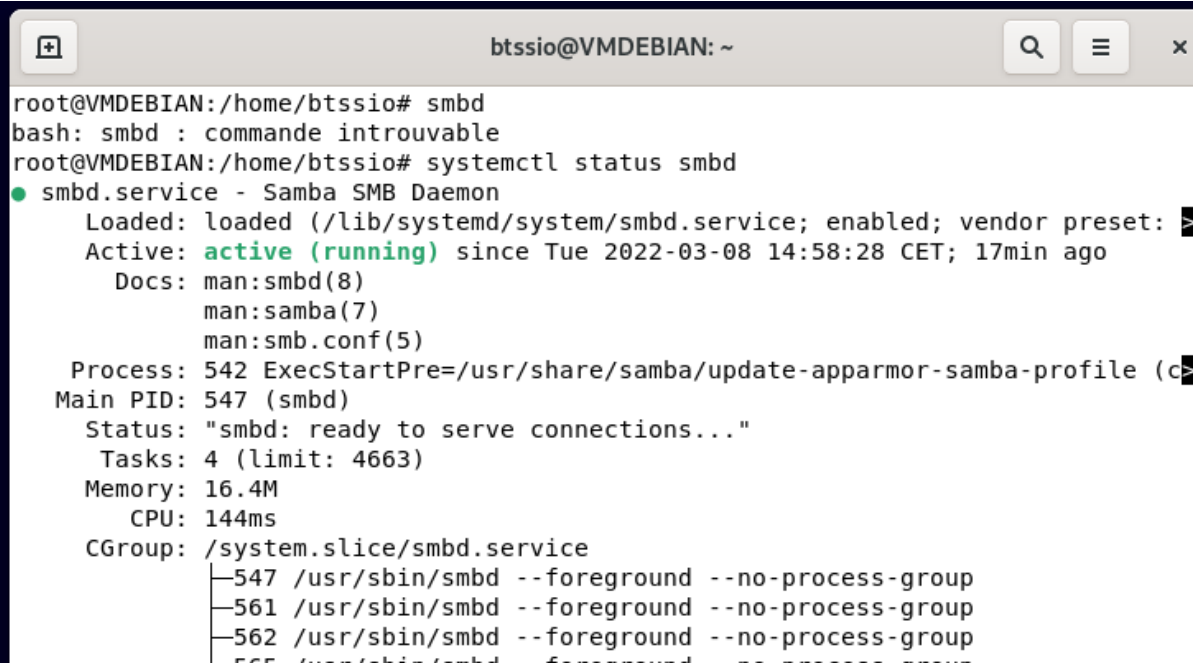paquets :

apt-get update :

```
root@VMDEBIAN:/home/btssio# apt-get update
Réception de :1 http://security.debian.org/debian-security bullseye-security InR
elease [44,1 kB]
Atteint :2 http://deb.debian.org/debian bullseye InRelease
Atteint :3 http://deb.debian.org/debian bullseye-updates InRelease
44,1 ko réceptionnés en 10s (4 218 o/s)
Lecture des listes de paquets... Fait
root@VMDEBIAN:/home/btssio# █
```

Installer Samba

apt-get install -y samba

```
root@VMDEBIAN:/home/btssio# apt-get install -y samba
Lecture des listes de paquets... Fait
Construction de l'arbre des dépendances... Fait
Lecture des informations d'état... Fait
samba est déjà la version la plus récente (2:4.13.13+dfsg-1~deb11u3).
Le paquet suivant a été installé automatiquement et n'est plus nécessaire :
  linux-image-5.10.0-10-amd64
Veuillez utiliser « apt autoremove » pour le supprimer.
0 mis à jour, 0 nouvellement installés, 0 à enlever et 5 non mis à jour.
root@VMDEBIAN:/home/btssio# █
```

systemctl status smbd

```
btssio@VMDEBIAN: ~

root@VMDEBIAN:/home/btssio# smbd
bash: smbd : commande introuvable
root@VMDEBIAN:/home/btssio# systemctl status smbd
● smbd.service - Samba SMB Daemon
     Loaded: loaded (/lib/systemd/system/smbd.service; enabled; vendor preset: >
     Active: active (running) since Tue 2022-03-08 14:58:28 CET; 17min ago
       Docs: man:smbd(8)
             man:samba(7)
             man:smb.conf(5)
    Process: 542 ExecStartPre=/usr/share/samba/update-apparmor-samba-profile (c>
   Main PID: 547 (smbd)
     Status: "smbd: ready to serve connections..."
      Tasks: 4 (limit: 4663)
     Memory: 16.4M
        CPU: 144ms
     CGroup: /system.slice/smbd.service
             ├─547 /usr/sbin/smbd --foreground --no-process-group
             ├─561 /usr/sbin/smbd --foreground --no-process-group
             ├─562 /usr/sbin/smbd --foreground --no-process-group
```

Configurer Samba

Le fichier de configuration de Samba est "/etc/samba/smb.conf", nous allons l'éditer

nano /etc/samba/smb.conf

```
GNU nano 5.4                        smb.conf *
   comment = Printer Drivers
   path = /var/lib/samba/printers
   browseable = yes
   read only = yes
   guest ok = no
# Uncomment to allow remote administration of Windows print drivers.
# You may need to replace 'lpadmin' with the name of the group your
# admin users are members of.
# Please note that you also need to set appropriate Unix permissions
# to the drivers directory for these users to have write rights in it
;    write list = root, @lpadmin

[partage]
   comment = Partage de fichier
   path = /srv/partage
   browseable = yes
   read only = yes
   guest ok = no
```

Avant de passer à la suite, nous allons activer le démarrage automatique de smbd (Samba) :

systemctl enable smbd

```
root@VMDEBIAN:/home/btssio# systemctl enable smbd
Synchronizing state of smbd.service with SysV service script with /lib/systemd/s
ystemd-sysv-install.
Executing: /lib/systemd/systemd-sysv-install enable smbd
```

Créer un premier partage sous Samba :

A. Configurer le partage dans smb.conf

Le fichier de configuration de Samba est "/etc/samba/smb.conf", nous allons l'éditer :

nano /etc/samba/smb.conf

```
  GNU nano 5.4                     /etc/samba/smb.conf
#
# Sample configuration file for the Samba suite for Debian GNU/Linux.
#
#
# This is the main Samba configuration file. You should read the
# smb.conf(5) manual page in order to understand the options listed
# here. Samba has a huge number of configurable options most of which
# are not shown in this example
#
# Some options that are often worth tuning have been included as
# commented-out examples in this file.
#  - When such options are commented with ";", the proposed setting
#    differs from the default Samba behaviour
#  - When commented with "#", the proposed setting is the default
#    behaviour of Samba but the option is considered important
#    enough to be mentioned here
#
# NOTE: Whenever you modify this file you should run the command
# "testparm" to check that you have not made any basic syntactic
# errors.

#======================= Global Settings =======================

[global]

^G Aide      ^O Écrire     ^W Chercher  ^K Couper    ^T Exécuter  ^C Emplacement
^X Quitter   ^R Lire fich.^\ Remplacer ^U Coller    ^J Justifier ^  Aller ligne
```

Ajoutez ensuite les lignes suivantes pour déclarer notre partage :

[partage]
comment = Partage de données
path = /srv/partage
guest ok = no
read only = no
browsable = yes
valid users = @partage