



INSTITUTO FEDERAL

Ceará
Campus Fortaleza

Telemática

Administração de Serviços de Rede

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Atividade 07 | SAMBA

Passo 1: Instalação do Samba

1. Abra o terminal: Utilize o atalho Ctrl + ALT + T.
2. Instale o Samba:

```
asr@asr-VirtualBox:~$ sudo apt install samba
[sudo] senha para asr:
Lendo listas de pacotes... Pronto
Construindo árvore de dependências... Pronto
Lendo informação de estado... Pronto
Os pacotes adicionais seguintes serão instalados:
  libcephfs2 librados2 librdmacm1t64 python3-dnspython samba-ad-provision
  samba-dsdb-modules samba-vfs-modules tdb-tools
Pacotes sugeridos:
  python3-trio python3-aiouic python3-h2 python3-httpx python3-httpcore bind9
  bind9utils ctdb ldb-tools ntp | chrony winbind
Os NOVOS pacotes a seguir serão instalados:
  libcephfs2 librados2 librdmacm1t64 python3-dnspython samba
  samba-ad-provision samba-dsdb-modules samba-vfs-modules tdb-tools
0 pacotes atualizados, 9 pacotes novos instalados, 0 a serem removidos e 446 não atualizados.
E preciso baixar 7.280 kB de arquivos.
Depois desta operação, 45,0 MB adicionais de espaço em disco serão usados.
Você quer continuar? [S/n] s
Obter:1 http://archive.ubuntu.com/ubuntu noble/main amd64 python3-dnspython all 2.6.1-1ubuntu1 [10
3 kB]
Obter:2 http://archive.ubuntu.com/ubuntu noble/main amd64 tdb-tools amd64 1.4.10-1build1 [25,8 kB]
Obter:3 http://archive.ubuntu.com/ubuntu noble/main amd64 samba amd64 2:4.19.5+dfsg-4ubuntu9 [1.06
4 kB]
Obter:4 http://archive.ubuntu.com/ubuntu noble/main amd64 librdmacm1t64 amd64 50.0-2build2 [70,7 k
B]
Obter:5 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 librados2 amd64 19.2.0-0ubuntu0
24.04.2 [3.972 kB]
Obter:6 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 libcephfs2 amd64 19.2.0-0ubuntu
24.04.2 [3.972 kB]
A preparar para desempacotar .../8-samba-vfs-modules_2%3a4.19.5+dfsg-4ubuntu9_am
d64.deb ...
A descompactar samba-vfs-modules:amd64 (2:4.19.5+dfsg-4ubuntu9) ...
Configurando samba-vfs-modules:amd64 (2:4.19.5+dfsg-4ubuntu9) ...
Configurando tdb-tools (1.4.10-1build1) ...
update-alternatives: a usar /usr/bin/tdbbackup.tdbtools para disponibilizar /usr
/bin/tdbbackup (tdbbackup) em modo auto
Configurando python3-dnspython (2.6.1-1ubuntu1) ...
Configurando samba-ad-provision (2:4.19.5+dfsg-4ubuntu9) ...
Configurando librdmacm1t64:amd64 (50.0-2build2) ...
Configurando samba-dsdb-modules:amd64 (2:4.19.5+dfsg-4ubuntu9) ...
Configurando samba (2:4.19.5+dfsg-4ubuntu9) ...
Created symlink /etc/systemd/system/smb.service → /usr/lib/systemd/system/smbd.s
ervice.
Created symlink /etc/systemd/system/multi-user.target.wants/smbd.service → /usr/
lib/systemd/system/smbd.service.
Created symlink /etc/systemd/system/nmb.service → /usr/lib/systemd/system/nmbd.s
ervice.
Created symlink /etc/systemd/system/multi-user.target.wants/nmbd.service → /usr/
lib/systemd/system/nmbd.service.
Created symlink /etc/systemd/system/samba.service → /usr/lib/systemd/system/samb
a-ad-dc.service.
Created symlink /etc/systemd/system/multi-user.target.wants/samba-ad-dc.service
→ /usr/lib/systemd/system/samba-ad-dc.service.
Configurando librados2 (19.2.0-0ubuntu0.24.04.2) ...
Configurando libcephfs2 (19.2.0-0ubuntu0.24.04.2) ...
A processar 'triggers' para ufw (0.36.2-6) ...
A processar 'triggers' para man-db (2.12.0-4build2) ...
A processar 'triggers' para libc-bin (2.39-0ubuntu8.2) ...
```

Passo 2: Backup do Arquivo de Configuração e Configuração do SAMBA

```
asr@asr-VirtualBox:~$ sudo cp /etc/samba/smb.conf /etc/samba/smb.conf.bkp
asr@asr-VirtualBox:~$ sudo cp /etc/samba/smb.conf /etc/samba/smb.conf.bkp
asr@asr-VirtualBox:~$ sudo nano /etc/samba/smb.conf
```

- **Novas configurações:**

```
[global]
workgroup = WORKGROUP
netbios name = linuxmint
server string = Servidor Samba
security = user

log file = /var/log/samba/log.%m
max log size = 1000
logging = file
panic action = /usr/share/samba/panic-action %d

server role = standalone server
obey pam restrictions = yes
unix password sync = yes
passwd program = /usr/bin/passwd %u
passwd chat = *Enter\snew\s*\spassword:* %n\n *Retye\snew\s*\spassword:* %n\n *password\supda>
pam password change = yes
map to guest = bad user
usershare allow guests = yes

[Compartilhamento]
path = /home/seu_usuario/Compartilhamento
valid users = usuario
```

Passo 3: Criação da Pasta Compartilhada

1. Crie a pasta que será compartilhada:

```
asr@asr-VirtualBox:~$ mkdir -p ~/compartilhado
```

2. Defina as permissões da pasta:

```
asr@asr-VirtualBox:~$ sudo chown -R asr:asr ~/compartilhado
asr@asr-VirtualBox:~$ sudo chmod -R 755 ~/compartilhado
```

Passo 4: Adicionar Usuários ao Samba

```
asr@asr-VirtualBox:~$ sudo smbpasswd -a asr
New SMB password:
Retype new SMB password:
Added user asr.
```

Passo 5: Reinicie o Serviço Samba

```
asr@asr-VirtualBox:~$ sudo systemctl restart smbd.service
asr@asr-VirtualBox:~$ sudo systemctl status smbd
● smbd.service - Samba SMB Daemon
   Loaded: loaded (/usr/lib/systemd/system/smbd.service; enabled; preset: enabled)
   Active: active (running) since Sat 2025-02-01 23:58:13 -03; 51s ago
     Docs: man:smbd(8)
           man:samba(7)
           man:smb.conf(5)
  Process: 7893 ExecCondition=/usr/share/samba/is-configured smb (code=exited, status=0/SUCCESS)
 Main PID: 7896 (smbd)
    Status: "smbd: ready to serve connections..."
     Tasks: 3 (limit: 2269)
  Memory: 9.0M (peak: 9.2M)
     CPU: 159ms
   CGroup: /system.slice/smbd.service
           └─7896 /usr/sbin/smbd --foreground --no-process-group
             └─7900 "smbd: notifyd"
               └─7901 "smbd: cleanupd "
```

```
fev 01 23:58:13 asr-VirtualBox systemd[1]: Starting smbd.service - Samba SMB Daemon...
fev 01 23:58:13 asr-VirtualBox (smbd)[7896]: smbd.service: Referenced but unset environment varia
fev 01 23:58:13 asr-VirtualBox systemd[1]: Started smbd.service - Samba SMB Daemon.
lines 1-20/20 (END)
```