

## TUTORIAL – SAMBA NO PLAY WITH DOCKER

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1. Visite o endereço eletrônico do Play With Docker, um ambiente online gratuito que permite experimentar e executar comandos Docker em máquinas virtuais temporárias diretamente no navegador. Para tanto, acesse: <<https://labs.play-with-docker.com/>>.
2. Cadastre-se e faça login para conectar-se ao ambiente.
3. Crie duas instâncias. Aqui, a instância “servidor” será chamada de Instância 01 e a instância “cliente” será chamada de Instância 02.
4. Na Instância 01, insira esta sequência de comandos:

```
# Instalar Samba
apk add samba samba-common-tools

# Criar diretório compartilhado
mkdir -p /compartilhado
echo "Teste do Samba" > /compartilhado/arquivo.txt

# Criar configuração do Samba
cat > /etc/samba/smb.conf << 'EOF'
[global]
    workgroup = WORKGROUP
    security = user
    map to guest = Bad User
    guest account = nobody

[compartilhado]
    path = /compartilhado
    browseable = yes
    writable = yes
    guest ok = yes
    read only = no
    create mask = 0777
    directory mask = 0777
EOF

# Definir permissões
chmod -R 777 /compartilhado

# Iniciar Samba
smbd -D
nmbd -D

# Verificar se está rodando
ps aux | grep smbd
```

5. Na Instância 02, insira esta sequência:

```
# Na Instância 2
apk add samba-client cifs-utils

# Testar conexão
smbclient -L //192.168.0.19 -N

# Montar
mkdir -p /mnt/samba
mount -t cifs //192.168.0.19/compartilhado /mnt/samba -o guest,uid=0,gid=0

# Verificar
ls -la /mnt/samba
cat /mnt/samba/arquivo.txt

#

# Primeiro, verificar se consegue listar o compartilhamento
smbclient -L //192.168.0.19 -N

# Se funcionar, conectar interativamente
smbclient //192.168.0.19/compartilhado -N

# Dentro do smbclient, você pode usar comandos como:
# ls          - listar arquivos
# get arquivo.txt - baixar arquivo
# put arquivo  - enviar arquivo
# exit        - sair
```

6. Na Instância 01, insira:

```
# Ver o conteúdo do diretório compartilhado
ls -la /compartilhado

# Ver o conteúdo de um arquivo
cat /compartilhado/arquivo.txt
```

7. Na Instância 02:

```
# Conectar ao compartilhamento
smbclient //192.168.0.19/compartilhado -N

# Dentro do smbclient:
put /etc/hostname teste_do_cliente.txt
ls
exit
```

8. Na Instância 01:

```
ls -la /compartilhado
cat /compartilhado/teste_do_cliente.txt
```

9. Ao final, a Instância 01 deverá estar assim:

01:10:19

CLOSE SESSION

Instances

+ ADD NEW INSTANCE

192.168.0.19  
node1

192.168.0.18  
node2

GIVE FEEDBACK

d4kdcai9\_d4ke6gi91nsg009mdvv0

IP  
192.168.0.19

OPEN PORT

Memory  
2.56% (102.4MiB / 3.906GiB)

CPU  
0.14%

SSH  
ssh ip172-18-0-7-d4kdcai91nsg009mdv0g@direct.labs.play-with-

DELETE

EDITOR

```
[compartilhado]
path = /compartilhado
browseable = yes
writable = yes
guest ok = yes
read only = no
create mask = 0777
directory mask = 0777
EOF
(node1) (local) root@192.168.0.19 ~
$ chmod -R 777 /compartilhado
(node1) (local) root@192.168.0.19 ~
$ smb -D
(node1) (local) root@192.168.0.19 ~
$ nmbd -D
(node1) (local) root@192.168.0.19 ~
$ ps aux | grep smb
1328 root      0:00 smb -D
1332 root      0:00 [smbd-notifyd] smbd -D
1333 root      0:00 [smbd-cleanupd] smbd -D
1424 root      0:00 grep smb
(node1) (local) root@192.168.0.19 ~
$ ls -la /compartilhado
total 4
drwxrwxrwx  2 root    root      25 Nov 27 23:50 .
drwxr-xr-x  1 root    root      111 Nov 27 23:49 ..
-rwxrwxrwx  1 root    root      15 Nov 27 23:50 arquivo.txt
(node1) (local) root@192.168.0.19 ~
$ ls -la /compartilhado
total 8
drwxrwxrwx  2 root    root      53 Nov 27 23:57 .
drwxr-xr-x  1 root    root      111 Nov 27 23:49 ..
-rwxrwxrwx  1 root    root      15 Nov 27 23:50 arquivo.txt
-rwxr-xr-x  1 nobody  nobody    6 Nov 27 23:57 teste_do_cliente.txt
(node1) (local) root@192.168.0.19 ~
$ cat /compartilhado/teste_do_cliente.txt
```

10. E a Instância 02:

01:09:57

CLOSE SESSION

Instances

+ ADD NEW INSTANCE

192.168.0.19  
node1

192.168.0.18  
node2

GIVE FEEDBACK

d4kdcai9\_d4ke7v0l2o9000cc3d30

IP  
192.168.0.18

OPEN PORT

Memory  
1.97% (78.73MiB / 3.906GiB)

CPU  
0.12%

SSH  
ssh ip172-18-0-13-d4kdcai91nsg009mdv0g@direct.labs.play-with-

DELETE

EDITOR

```
$ mkdir -p /mnt/samba
(node2) (local) root@192.168.0.18 ~
$ mount -t cifs //192.168.0.19/compartilhado /mnt/samba -o guest,uid=0,gid=0
mount error(95): Not supported
Refer to the mount.cifs(8) manual page (e.g. man mount.cifs) and kernel log messages (dmesg)
(node2) (local) root@192.168.0.18 ~
$ smbclient -L //192.168.0.19 -N

      Sharename      Type      Comment
      -----
      compartilhado  Disk
      IPC$           IPC       IPC Service (Samba 4.19.9)
SMB1 disabled -- no workgroup available
(node2) (local) root@192.168.0.18 ~
$ smbclient //192.168.0.19/compartilhado -N
Try "help" to get a list of possible commands.
smb: \> ls
.                D          0  Thu Nov 27 23:50:01 2025
..               D          0  Thu Nov 27 23:50:01 2025
arquivo.txt      N          15  Thu Nov 27 23:50:01 2025

      10485760 blocks of size 1024. 10434604 blocks available
smb: \> smbclient //192.168.0.19/compartilhado -N
smbclient: command not found
smb: \> put /etc/hostname teste_do_cliente.txt
putting file /etc/hostname as \teste_do_cliente.txt (2.9 kb/s) (average 2.9 kb/s)
smb: \> ls
.                D          0  Thu Nov 27 23:57:37 2025
..               D          0  Thu Nov 27 23:57:37 2025
arquivo.txt      N          15  Thu Nov 27 23:50:01 2025
teste_do_cliente.txt  A          6  Thu Nov 27 23:57:37 2025

      10485760 blocks of size 1024. 10435272 blocks available
smb: \> exit
(node2) (local) root@192.168.0.18 ~
$
```

