

# Practica 10

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```
vagrant@nodo10: ~  
Archivo  Editar  Ver  Buscar  Terminal  Ayuda  
cesar@cesar-TM1701:~/Escritorio/CPD/Practica/Practica 10$ vagrant ssh  
Welcome to Ubuntu 20.04.3 LTS (GNU/Linux 5.4.0-90-generic x86_64)  
  
* Documentation:  https://help.ubuntu.com  
* Management:    https://landscape.canonical.com  
* Support:       https://ubuntu.com/advantage  
  
System information as of Mon Nov 29 17:59:15 UTC 2021  
  
System load:  0.57               Processes:            113  
Usage of /:   3.3% of 38.71GB    Users logged in:     0  
Memory usage: 9%               IPv4 address for enp0s3: 10.0.2.15  
Swap usage:  0%                IPv4 address for enp0s8: 192.168.12.11  
  
1 update can be applied immediately.  
To see these additional updates run: apt list --upgradable  
  
The list of available updates is more than a week old.  
To check for new updates run: sudo apt update  
  
vagrant@nodo10:~$ sudo apt-get -y install samba samba-common-bin  
Reading package lists... Done  
Building dependency tree  
Reading state information... Done  
The following additional packages will be installed:  
  attr ibverbs-providers libavahi-client3 libavahi-common-data  
  libavahi-common3 libboost-iostreams1.71.0 libboost-thread1.71.0 libcephfs2  
  libcups2 libibverbs1 libjansson4 libldb2 libnl-3-200 libnl-route-3-200  
  librados2 librdmacm1 libtalloc2 libtevent0 libwbclient0 python3-crypto  
  python3-dnspython python3-gpg python3-ldb python3-markdown python3-packaging  
  python3-pygments python3-pyparsing python3-samba python3-talloc python3-tdb  
  samba-common samba-dsdb-modules samba-libs samba-vfs-modules tdb-tools  
Suggested packages:  
  cups-common python-markdown-doc python-pygments-doc ttf-bitstream-vera  
  python-pyparsing-doc bind9 bind9utils ctdb ldb-tools ntp | chrony  
  smbldap-tools winbind heimdal-clients  
The following NEW packages will be installed:  
  attr ibverbs-providers libavahi-client3 libavahi-common-data  
  libavahi-common3 libboost-iostreams1.71.0 libboost-thread1.71.0 libcephfs2  
  libcups2 libibverbs1 libjansson4 libldb2 libnl-3-200 libnl-route-3-200
```

```
vagrant@nodo10: ~  
Archivo  Editar  Ver  Buscar  Terminal  Ayuda  
GNU nano 4.8 /etc/samba/smb.conf Modified  
# Setup usershare options to enable non-root users to share folders  
# with the net usershare command.  
  
# Maximum number of usershare. 0 means that usershare is disabled.  
# usershare max shares = 100  
  
# Allow users who've been granted usershare privileges to create  
# public shares, not just authenticated ones  
usershare allow guests = yes  
  
===== Share Definitions =====  
  
# Un-comment the following (and tweak the other settings below to suit)  
# to enable the default home directory shares. This will share each  
# user's home directory as \\server\username  
[homes]  
  comment = Home Directories  
  browseable = no  
  
# By default, the home directories are exported read-only. Change the  
# next parameter to 'no' if you want to be able to write to them.  
  read only = yes  
  
# File creation mask is set to 0700 for security reasons. If you want to  
# create files with group=rw permissions, set next parameter to 0775.  
  create mask = 0700  
  
# Directory creation mask is set to 0700 for security reasons. If you want to  
# create dirs. with group=rw permissions, set next parameter to 0775.  
  directory mask = 0700  
  
# By default, \\server\username shares can be connected to by anyone  
# with access to the samba server.  
# Un-comment the following parameter to make sure that only "username"  
# can connect to \\server\username  
# This might need tweaking when using external authentication schemes  
  valid users = %s  
  
[cpd]  
  comment=Pi Home  
  path=/home/vagrant/cpd  
  browseable=Yes  
  writeable=Yes  
  only guest=no  
  create mask=0700  
  directory mask=0700  
  public=no  
  
# Un-comment the following and create the netlogon directory for Domain Logons  
# (you need to configure Samba to act as a domain controller too.)  
[netlogon]  
  comment = Network Logon Service  
  path = /home/samba/netlogon  
  guest ok = yes  
  read only = yes
```

```
Created symlink /etc/systemd/system/multi-user.target.wants/smbd.service -> /lib/systemd/system/smbd.service.
samba-ad-dc.service is a disabled or a static unit, not starting it.
Processing triggers for ufw (0.36-0ubuntu1) ...
Processing triggers for systemd (245.4-4ubuntu3.13) ...
Processing triggers for man-db (2.9.1-1) ...
Processing triggers for libc-bin (2.31-0ubuntu9.2) ...
vagrant@nodo10:~$ nano /etc/samba/smb.conf
vagrant@nodo10:~$ sudo nano /etc/samba/smb.conf
```

Use "fg" to return to nano.

```
[1]+  Stopped                  sudo nano /etc/samba/smb.conf
vagrant@nodo10:~$ sudo nano /etc/samba/smb.conf
vagrant@nodo10:~$ sudo smbpasswd -a vagrant
New SMB password:
Retype new SMB password:
Added user vagrant.
vagrant@nodo10:~$ sudo systemctl restart smbd
vagrant@nodo10:~$
```

```
cesar@cesar-TM1701:~/Escritorio/CPD/Practica/Practica 10$ smbclient //192.168.12.11/cpd -U vagrant
Enter WORKGROUP\vagrant's password:
Try "help" to get a list of possible commands.
```

```
smb: \> help
?               allinfo      altname      archive      backup
blocksize      cancel       case_sensitive cd            chmod
chown          close        del          deltree     dir
du            echo        exit         get          getfacl
geteas        hardlink    help         history      iosize
lcd           link        lock         lowercase   ls
ll            mask        md           mget        mkdir
more          mput        newer        notify      open
posix         posix_encrypt posix_open   posix_mkdir  posix_rmdir
posix_unlink  posix_whoami print         prompt       put
pwd           q           queue        quit         readlink
rd            recurse     reget        rename       reput
rm            rmdir      showacls     setea        setmode
scopy         stat        symlink      tar          tarmode
timeout       translate  unlock       volume       vuid
wdel          logon      listconnect  showconnect  tcon
tdis          tid        utimes      logoff       ..
!
```

```
smb: \> mkdir carpetal
```

```
smb: \> ls
```

```
 .                D          0 Mon Nov 29 19:16:33 2021
..               D          0 Mon Nov 29 19:13:31 2021
carpetal         D          0 Mon Nov 29 19:16:33 2021
```

```
40593612 blocks of size 1024. 39104332 blocks available
```

```
smb: \>
```

```
vagrant@nodo10:~/cpd$ ls
carpetal
```



```
cesar@cesar-TM1701: ~/Escritorio/CPD/Práctica/Practica 10/openmediavault/vagrant
Archivo Editar Ver Buscar Terminal Ayuda
cesar@cesar-TM1701:~/Escritorio/CPD/Práctica/Practica 10/openmediavault$ cd vagrant/
cesar@cesar-TM1701:~/Escritorio/CPD/Práctica/Practica 10/openmediavault/vagrant$
ls
disks install.sh README Vagrantfile
cesar@cesar-TM1701:~/Escritorio/CPD/Práctica/Practica 10/openmediavault/vagrant$
vagrant up
Bringing machine 'omv5box' up with 'virtualbox' provider...
==> omv5box: Importing base box 'debian/buster64'...
==> omv5box: Matching MAC address for NAT networking...
==> omv5box: Checking if box 'debian/buster64' version '10.20211018.1' is up to date...
==> omv5box: Setting the name of the VM: omv5box
==> omv5box: Clearing any previously set network interfaces...
==> omv5box: Preparing network interfaces based on configuration...
omv5box: Adapter 1: nat
omv5box: Adapter 2: hostonly
omv5box: Adapter 3: hostonly
==> omv5box: Forwarding ports...
omv5box: 22 (guest) => 2222 (host) (adapter 1)
==> omv5box: Running 'pre-boot' VM customizations...
==> omv5box: Booting VM...
==> omv5box: Waiting for machine to boot. This may take a few minutes...
omv5box: SSH address: 127.0.0.1:2222
omv5box: SSH username: vagrant
omv5box: SSH auth method: private key
omv5box:
omv5box: Vagrant insecure key detected. Vagrant will automatically replace
omv5box: this with a newly generated keypair for better security.
```

openmediavault control panel

openmediavault  
The open network attached storage solution

Almacenamiento Sistema de Archivos omv5box

+ Crear Redimensionar Cuota Montar Desmontar Borrar

Disco(s)	Etiqueta	Tipo de sist...	Total	Disponible	Usado	Montados	Referencia...	Estado
/dev/sda1		ext4	19.56 GiB	16.93 GiB	1.61 GiB	SI	SI	Online

Ver 1 - 1 of 1

openmediavault control panel

openmediavault  
The open network attached storage solution

Servicios NFS omv5box

Configuración Compartidos

✓ Salvar ⌛ Restaurar estado

Habilitar ☒

