

NFS

Desde el servidor

1. Instalar

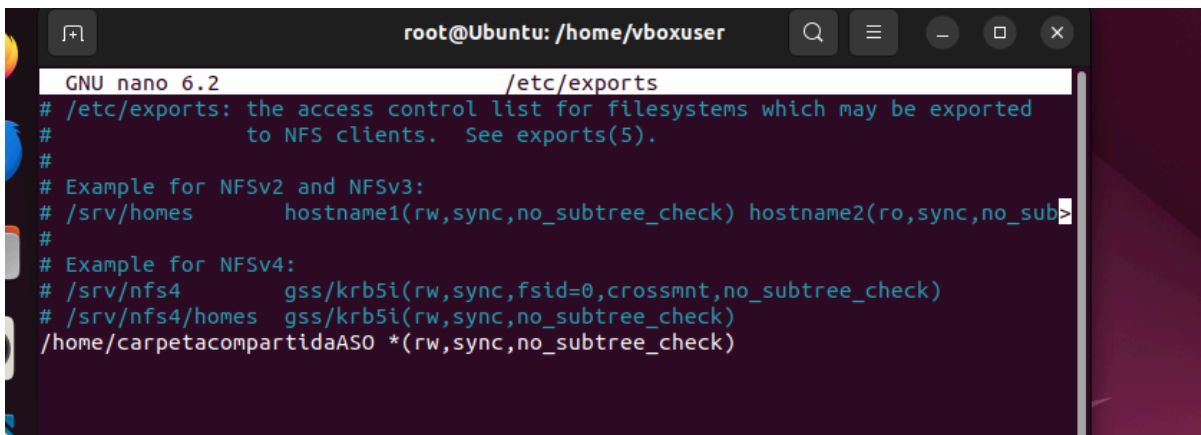
`sudo apt install nfs-kernel-server`

```
root@Ubuntu:/home/vboxuser# sudo apt install nfs-kernel-server
Reading package lists... Done
```

2. Acceder a fichero de

configuración: `Sudo nano /etc/exports`

Añadir la línea `/home/carpetacompartidaASO *(rw)`



```
root@Ubuntu:/home/vboxuser
GNU nano 6.2 /etc/exports
# /etc/exports: the access control list for filesystems which may be exported
# to NFS clients.  See exports(5).
#
# Example for NFSv2 and NFSv3:
# /srv/homes hostname1(rw,sync,no_subtree_check) hostname2(ro,sync,no_subtree_check)
#
# Example for NFSv4:
# /srv/nfs4 gss/krb5i(rw,sync,fsid=0,crossmnt,no_subtree_check)
# /srv/nfs4/homes gss/krb5i(rw,sync,no_subtree_check)
/home/carpetacompartidaASO *(rw,sync,no_subtree_check)
```

3. Creamos la carpeta con mkdir:

`Mkdir /home/carpetacompartidaASO`

`Chmod 777 /home/carpetacompartidaASO`

```
root@Ubuntu:/home/vboxuser# mkdir /home/compartidaASO
root@Ubuntu:/home/vboxuser# chmod 777 /home/compartidaASO
```

4. Actualizamos la configuracion del servicio:

```
root@Ubuntu:/home/vboxuser# sudo systemctl restart nfs-kernel-server
root@Ubuntu:/home/vboxuser# echo "NFS (Network File System) es un protocolo
```

`service nfs-kernel-server restart`

Desde el cliente

1. Instalar

sudo apt instal nfs-common

```
pepe@pepe-VirtualBox:~$ sudo apt install nfs-common -y
[sudo] password for pepe:
Reading package lists... Done
Building dependency tree... Done
```

2. Crear carpeta donde vamos a montar la

compartida. mkdir blbabla

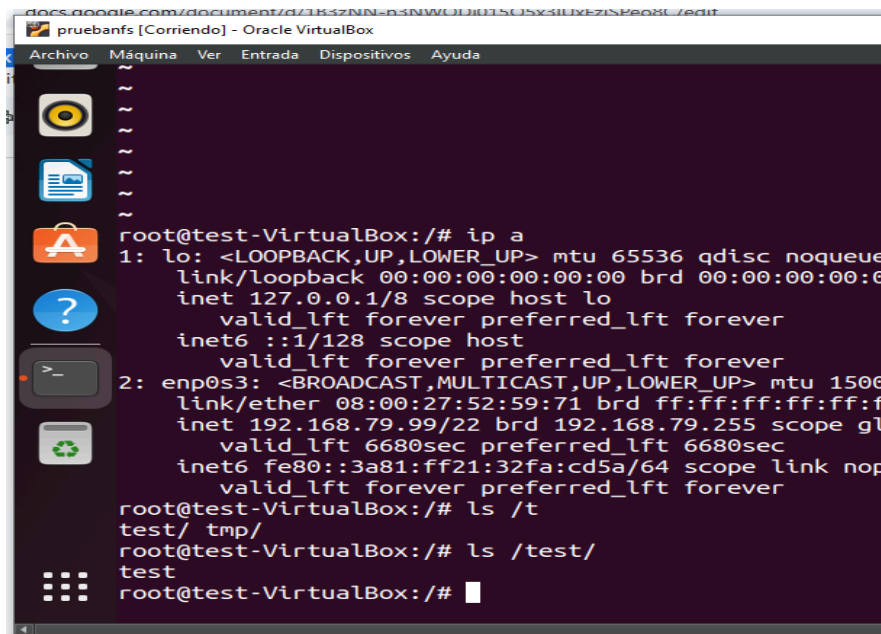
```
pepe@pepe-VirtualBox:~$ sudo mkdir -p /home/ASOcompartida
```

3. Montamos la carpeta:

mount ip_servidor:/home/carpetacompartidaASO servidor

```
mount.nfs: Mount point test does not exist
root@Ubuntu:/home/vboxuser/Desktop# mount 192.168.79.99:/test /test
root@Ubuntu:/home/vboxuser/Desktop# touch /test/test
root@Ubuntu:/home/vboxuser/Desktop#
```

4. Leemos la información.



The screenshot shows a terminal window titled "pruebanfs [Corriendo] - Oracle VirtualBox". The terminal output is as follows:

```
root@test-VirtualBox:/# ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500
    link/ether 08:00:27:52:59:71 brd ff:ff:ff:ff:ff:ff
    inet 192.168.79.99/22 brd 192.168.79.255 scope global
        valid_lft 6680sec preferred_lft 6680sec
    inet6 fe80::3a81:ff21:32fa:cd5a/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
root@test-VirtualBox:/# ls /t
test/ tmp/
root@test-VirtualBox:/# ls /test/
test
root@test-VirtualBox:/#
```