

Práctica 5: OpenMediaVault (OMV)

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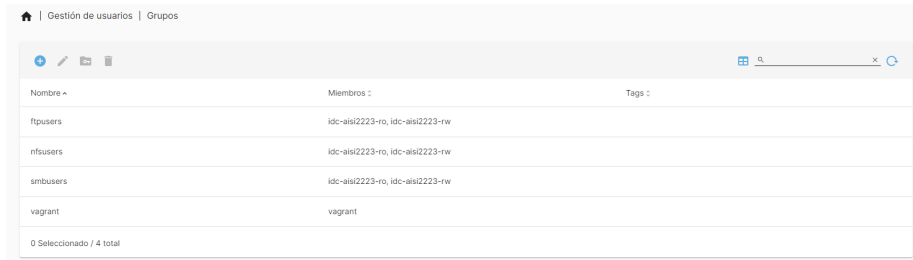
Ejercicio 2



Nombre	Email	Grupos	Tags
idc-aisi2223-ro		ftpusers, nfsusers, smbusers, users	
idc-aisi2223-rw		ftpusers, nfsusers, smbusers, users	
vagrant		ssh, users, vagrant	

0 Seleccionado / 3 total

Figure 1: Usuarios en la interfaz web



Nombre	Miembros	Tags
ftpusers	idc-aisi2223-ro, idc-aisi2223-rw	
nfsusers	idc-aisi2223-ro, idc-aisi2223-rw	
smbusers	idc-aisi2223-ro, idc-aisi2223-rw	
vagrant	vagrant	

0 Seleccionado / 4 total

Figure 2: Grupos en la interfaz web

```
vagrant@omv-server:~$ sudo cat /etc/passwd | grep aisi
idc-aisi2223-rw:x:1001:100::/home/idc-aisi2223-rw:/bin/bash
idc-aisi2223-ro:x:1002:100::/home/idc-aisi2223-ro:/bin/bash
vagrant@omv-server:~$ sudo cat /etc/passwd | grep vagrant
vagrant:x:1000:100::/home/vagrant:/bin/bash
vagrant@omv-server:~$
```

Figure 3: Usuarios en la terminal

Ejercicio 3

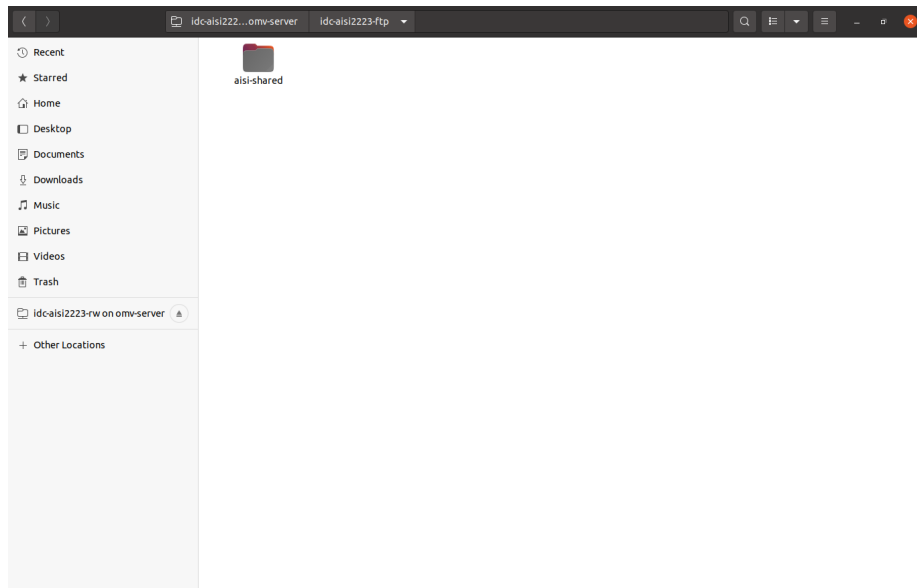


Figure 4: El usuario ldc-aisi2223-rw crea la carpeta aisi-shared

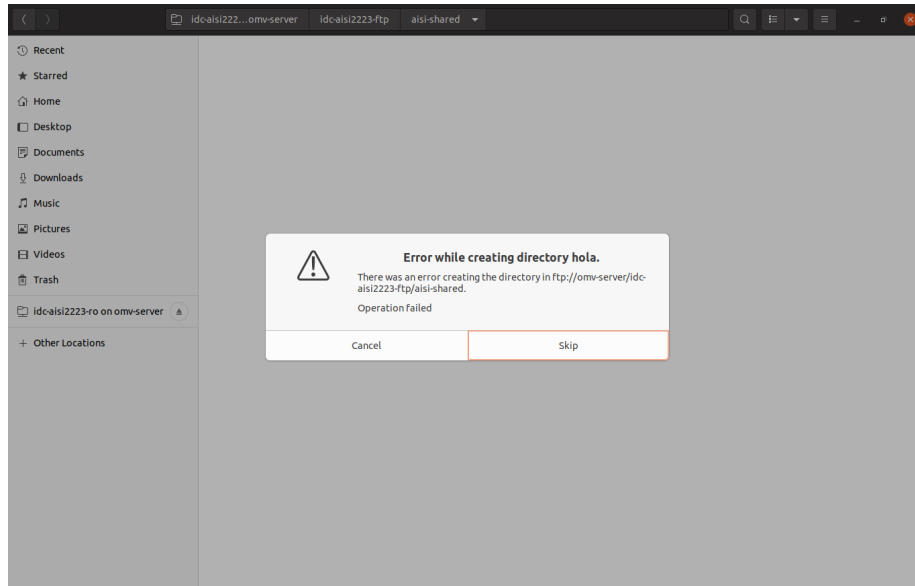


Figure 5: El usuario idc-aisi2223-ro puede acceder en modo solo lectura al contenido de la carpeta aisi-shared pero no puede crear nuevo contenido en ella

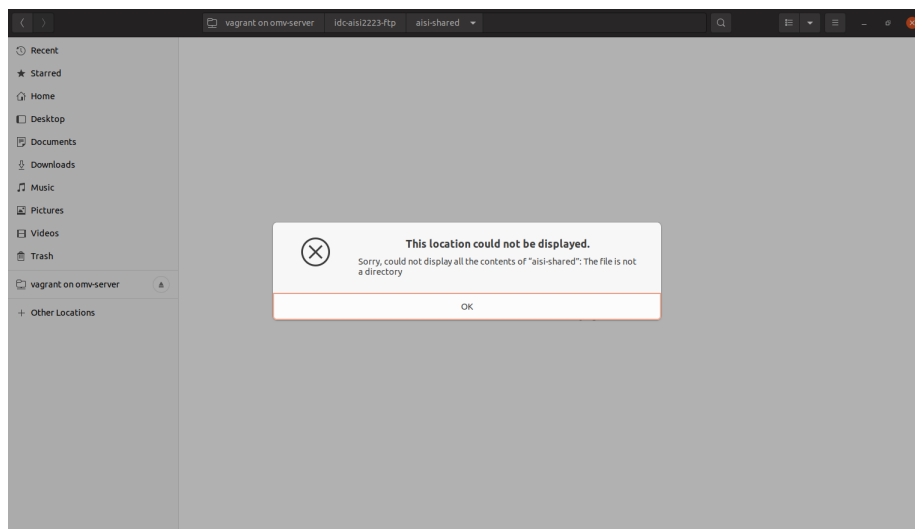


Figure 6: El usuario vagrant no tiene acceso a la carpeta aisi-shared

Ejercicio 4

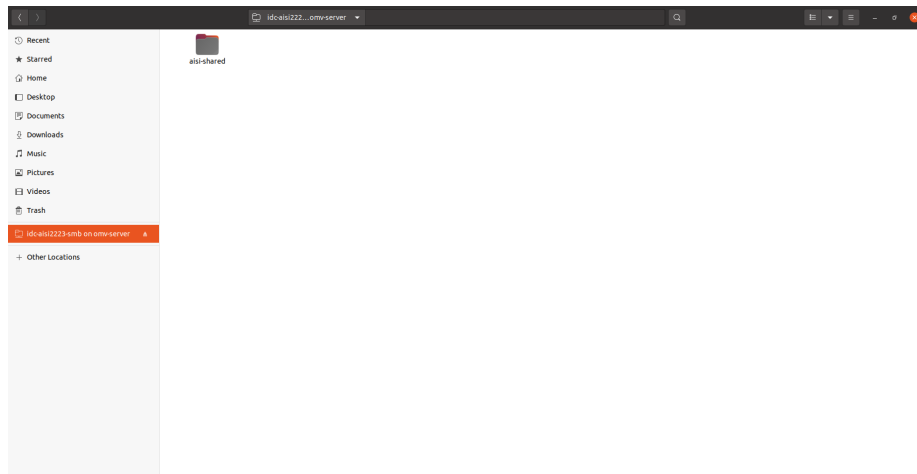


Figure 7: El usuario idc-aisi2223-rw crea la carpeta aisi-shared

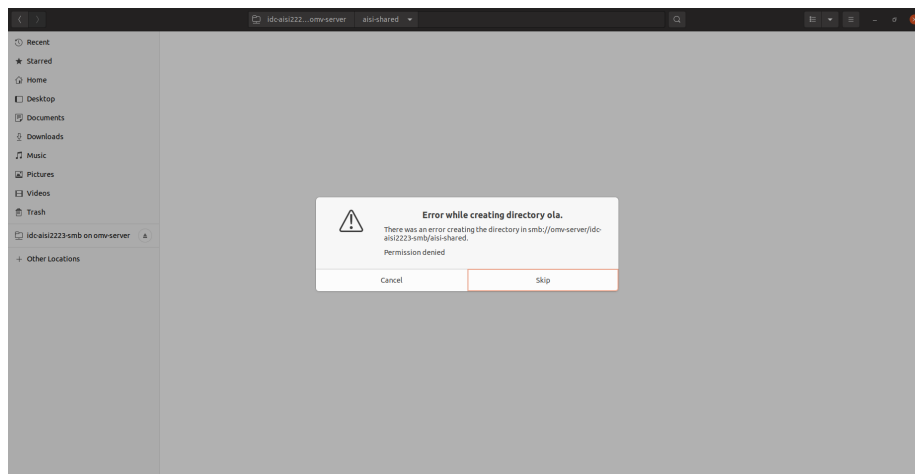


Figure 8: El usuario idc-aisi2223-ro puede acceder en modo solo lectura al contenido de la carpeta aisi-shared pero no puede crear nuevo contenido en ella

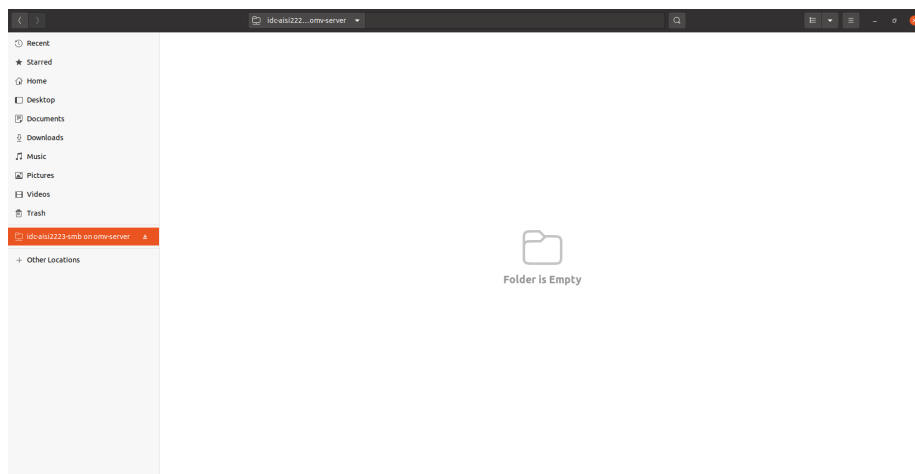


Figure 9: El usuario vagrant no tiene acceso a la carpeta aisi-shared

Ejercicio 5

```
vagrant@idc-aisi2223-cli:~$ sudo su idc-aisi2223-rw
idc-aisi2223-rw@idc-aisi2223-cli:/home/vagrant$ df | grep nfs
omv-server:/idc-aisi2223-nfs 20448000      0 20431616  0% /mnt/aisi-shared
idc-aisi2223-rw@idc-aisi2223-cli:/home/vagrant$ cd /mnt/aisi-shared/
idc-aisi2223-rw@idc-aisi2223-cli:/mnt/aisi-shared$ echo "I am rw" > file-rw
idc-aisi2223-rw@idc-aisi2223-cli:/mnt/aisi-shared$ ls -l
total 8
-rw-rw-r-- 1 idc-aisi2223-rw users  8 Apr 17 20:20 file-rw
-rw-rw-r-- 1 vagrant      users 12 Apr 17 20:16 prueba
idc-aisi2223-rw@idc-aisi2223-cli:/mnt/aisi-shared$ exit
exit
vagrant@idc-aisi2223-cli:~$ sudo su idc-aisi2223-ro
idc-aisi2223-ro@idc-aisi2223-cli:/home/vagrant$ df | grep nfs
omv-server:/idc-aisi2223-nfs 20448000      0 20431616  0% /mnt/aisi-shared
idc-aisi2223-ro@idc-aisi2223-cli:/home/vagrant$ cd /mnt/aisi-shared/
idc-aisi2223-ro@idc-aisi2223-cli:/mnt/aisi-shared$ ls -l
total 8
-rw-rw-r-- 1 idc-aisi2223-rw users  8 Apr 17 20:20 file-rw
-rw-rw-r-- 1 vagrant      users 12 Apr 17 20:16 prueba
idc-aisi2223-ro@idc-aisi2223-cli:/mnt/aisi-shared$ cat file-rw
I am rw
idc-aisi2223-ro@idc-aisi2223-cli:/mnt/aisi-shared$ echo "I am ro" > file-ro
bash: file-ro: Permission denied
idc-aisi2223-ro@idc-aisi2223-cli:/mnt/aisi-shared$ exit
exit
vagrant@idc-aisi2223-cli:~$ cd /mnt/aisi-shared/
bash: cd: /mnt/aisi-shared/: Permission denied
vagrant@idc-aisi2223-cli:~$
```

Figure 10: Permisos de idc-aisi2223-rw, idc-aisi2223-ro y vagrant

```
vagrant@idc-aisi2223-cli:~$ sudo su
root@idc-aisi2223-cli:/home/vagrant# df | grep nfs
omv-server:/idc-aisi2223-nfs 20448000      0 20431616  0% /mnt/aisi-shared
root@idc-aisi2223-cli:/home/vagrant# cd /mnt/aisi-shared/
root@idc-aisi2223-cli:/mnt/aisi-shared# touch file-root1
touch: cannot touch 'file-root1': Permission denied
root@idc-aisi2223-cli:/mnt/aisi-shared# touch file-root1
root@idc-aisi2223-cli:/mnt/aisi-shared# ls -l
total 8
-rw-rw-r-- 1 root      users  0 Apr 17 20:25 file-root1
-rw-rw-r-- 1 idc-aisi2223-rw users  8 Apr 17 20:20 file-rw
-rw-rw-r-- 1 vagrant   users 12 Apr 17 20:16 prueba
root@idc-aisi2223-cli:/mnt/aisi-shared#
```

Figure 11: Información de file-root1

```

root@idc-aisi2223-cli:/mnt/aisi-shared# touch file-root2
root@idc-aisi2223-cli:/mnt/aisi-shared# ls -l
total 8
-rw-rw-r-- 1 root          users  0 Apr 17 20:25 file-root1
-rw-rw-r-- 1 root          users  0 Apr 17 20:32 file-root2
-rw-rw-r-- 1 idc-aisi2223-rw users  8 Apr 17 20:20 file-rw
-rw-rw-r-- 1 vagrant       users 12 Apr 17 20:16 prueba
root@idc-aisi2223-cli:/mnt/aisi-shared# touch file-root3
root@idc-aisi2223-cli:/mnt/aisi-shared# ls -l
total 8
-rw-rw-r-- 1 root          users  0 Apr 17 20:25 file-root1
-rw-rw-r-- 1 root          users  0 Apr 17 20:32 file-root2
-rw-rw-r-- 1 idc-aisi2223-rw users  0 Apr 17 20:33 file-root3
-rw-rw-r-- 1 idc-aisi2223-rw users  8 Apr 17 20:20 file-rw
-rw-rw-r-- 1 vagrant       users 12 Apr 17 20:16 prueba
root@idc-aisi2223-cli:/mnt/aisi-shared# exit
exit
vagrant@idc-aisi2223-cli:~$ df | grep nfs
omv-server:/idc-aisi2223-nfs 20448000          0 20431616  0% /mnt/aisi-shared
vagrant@idc-aisi2223-cli:~$ sudo umount /mnt/aisi-shared
vagrant@idc-aisi2223-cli:~$ sudo mount.nfs4 omv-server:/idc-aisi2223-nfs /mnt/aisi-shared/
vagrant@idc-aisi2223-cli:~$ cd /mnt/aisi-shared/
vagrant@idc-aisi2223-cli:/mnt/aisi-shared$ touch file-vagrant
vagrant@idc-aisi2223-cli:/mnt/aisi-shared$ ls -l
total 8
-rw-rw-r-- 1 root          users  0 Apr 17 20:25 file-root1
-rw-rw-r-- 1 root          users  0 Apr 17 20:32 file-root2
-rw-rw-r-- 1 idc-aisi2223-rw users  0 Apr 17 20:33 file-root3
-rw-rw-r-- 1 idc-aisi2223-rw users  8 Apr 17 20:20 file-rw
-rw-rw-r-- 1 idc-aisi2223-rw users  0 Apr 17 20:36 file-vagrant
-rw-rw-r-- 1 vagrant       users 12 Apr 17 20:16 prueba
vagrant@idc-aisi2223-cli:/mnt/aisi-shared$

```

Figure 12: Información de file-root2, file-root3 y file-vagrant