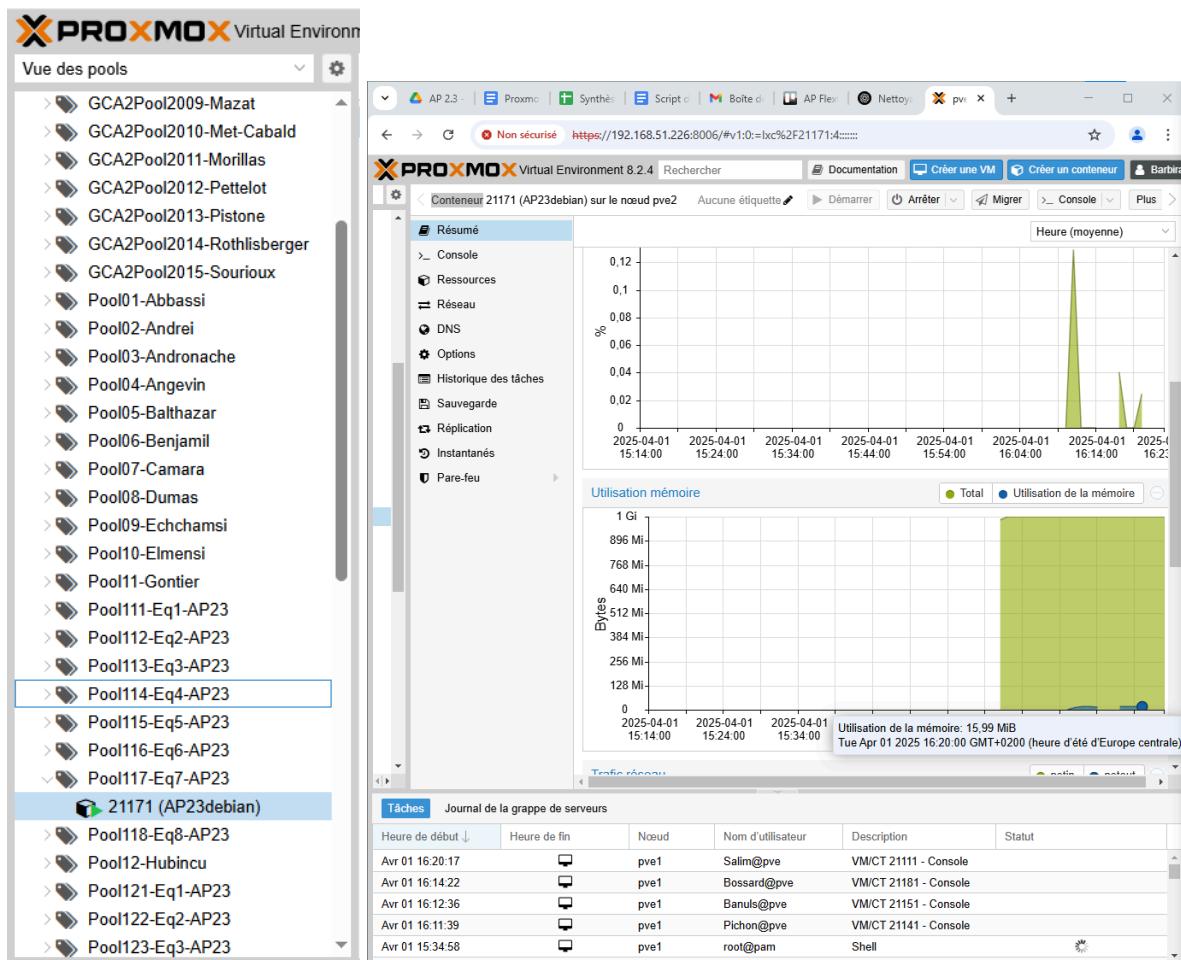


BARBIRATO

Nathan

Sio1A

Serveur FTP



```
root@AP23debian:~# apt install vsftpd
```

```
root@AP23debian:~# systemctl start vsftpd
```

```
root@AP23debian:~# nano /etc/vsftpd.conf
```

```
root@AP23debian:~# systemctl restart vsftpd
root@AP23debian:~# systemctl status vsftpd
* vsftpd.service - vsftpd FTP server
  Loaded: loaded (/lib/systemd/system/vsftpd.service; enabled; vendor preset: enabled)
  Active: active (running) since Tue 2025-04-08 12:24:58 UTC; 2s ago
    Process: 12760 ExecStartPre=/bin/mkdir -p /var/run/vsftpd/empty (code=exited, status=0/SUCCESS)
   Main PID: 12761 (vsftpd)
      Tasks: 1 (limit: 38361)
     Memory: 692.0K
        CPU: 7ms
       CGroup: /system.slice/vsftpd.service
             `--12761 /usr/sbin/vsftpd /etc/vsftpd.conf

Apr 08 12:24:58 AP23debian systemd[1]: Starting vsftpd FTP server...
Apr 08 12:24:58 AP23debian systemd[1]: Started vsftpd FTP server.
```

Puis on install ssh sur le serveur :

```
root@AP23debian:~# apt install openssh-server
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
openssh-server is already the newest version (1:8.4p1-5+deb11u4).
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
```

```
root@AP23debian:~# systemctl status ssh
* ssh.service - OpenBSD Secure Shell server
  Loaded: loaded (/lib/systemd/system/ssh.service; enabled; vendor preset: enabled)
  Active: active (running) since Tue 2025-04-01 14:49:41 UTC; 6 days ago
    Docs: man:sshd(8)
          man:sshd_config(5)
   Main PID: 5379 (sshd)
      Tasks: 1 (limit: 38361)
     Memory: 1.1M
        CPU: 31ms
       CGroup: /system.slice/ssh.service
             `--5379 sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startups

Apr 01 14:49:40 AP23debian systemd[1]: Starting OpenBSD Secure Shell server...
Apr 01 14:49:41 AP23debian sshd[5379]: Server listening on 0.0.0.0 port 22.
Apr 01 14:49:41 AP23debian sshd[5379]: Server listening on :: port 22.
Apr 01 14:49:41 AP23debian systemd[1]: Started OpenBSD Secure Shell server.
```

```
root@AP23debian:~# systemctl enable ssh
Synchronizing state of ssh.service with SysV service script with /lib/systemd/systemd-sysv-install.
Executing: /lib/systemd/systemd-sysv-install enable ssh
```

On crée un nouvel utilisateur :

```
root@AP23debian:~# sudo adduser nbarbirato
-bash: sudo: command not found
root@AP23debian:~# adduser nbarbirato
Adding user `nbarbirato' ...
Adding new group `nbarbirato' (1000) ...
Adding new user `nbarbirato' (1000) with group `nbarbirato' ...
Creating home directory `/home/nbarbirato' ...
Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for nbarbirato
Enter the new value, or press ENTER for the default
      Full Name []: 
```

```
root@AP23debian:~# usermod -aG sudo nbarbirato
root@AP23debian:~# id nbarbirato
uid=1000(nbarbirato) gid=1000(nbarbirato) groups=1000(nbarbirato),27(sudo)
```

J'installe sudo car il n'est pas installé :

```
root@AP23debian:~# apt install sudo
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following NEW packages will be installed:
  sudo
0 upgraded, 1 newly installed, 0 to remove and 0 not upgraded.
Need to get 1061 kB of archives.
After this operation, 4699 kB of additional disk space will be used.
Get:1 http://ftp.debian.org/debian bullseye/main amd64 sudo amd64 1.9.5p2-3+deb11u1 [1061 kB]
Fetched 1061 kB in 0s (9117 kB/s)
Selecting previously unselected package sudo.
(Reading database ... 20221 files and directories currently installed.)
Preparing to unpack .../sudo_1.9.5p2-3+deb11u1_amd64.deb ...
Unpacking sudo (1.9.5p2-3+deb11u1) ...
Setting up sudo (1.9.5p2-3+deb11u1) ...
Processing triggers for man-db (2.9.4-2) ...
```

```
root@AP23debian:~# su nbarbirato
nbarbirato@AP23debian:/root$ sudo apt upgrade
```

We trust you have received the usual lecture from the local System Administrator. It usually boils down to these three things:

- #1) Respect the privacy of others.
- #2) Think before you type.
- #3) With great power comes great responsibility.

```
[sudo] password for nbarbirato:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Calculating upgrade... Done
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
```

Maintenant ça marche.

On se connecte avec notre administrateur.

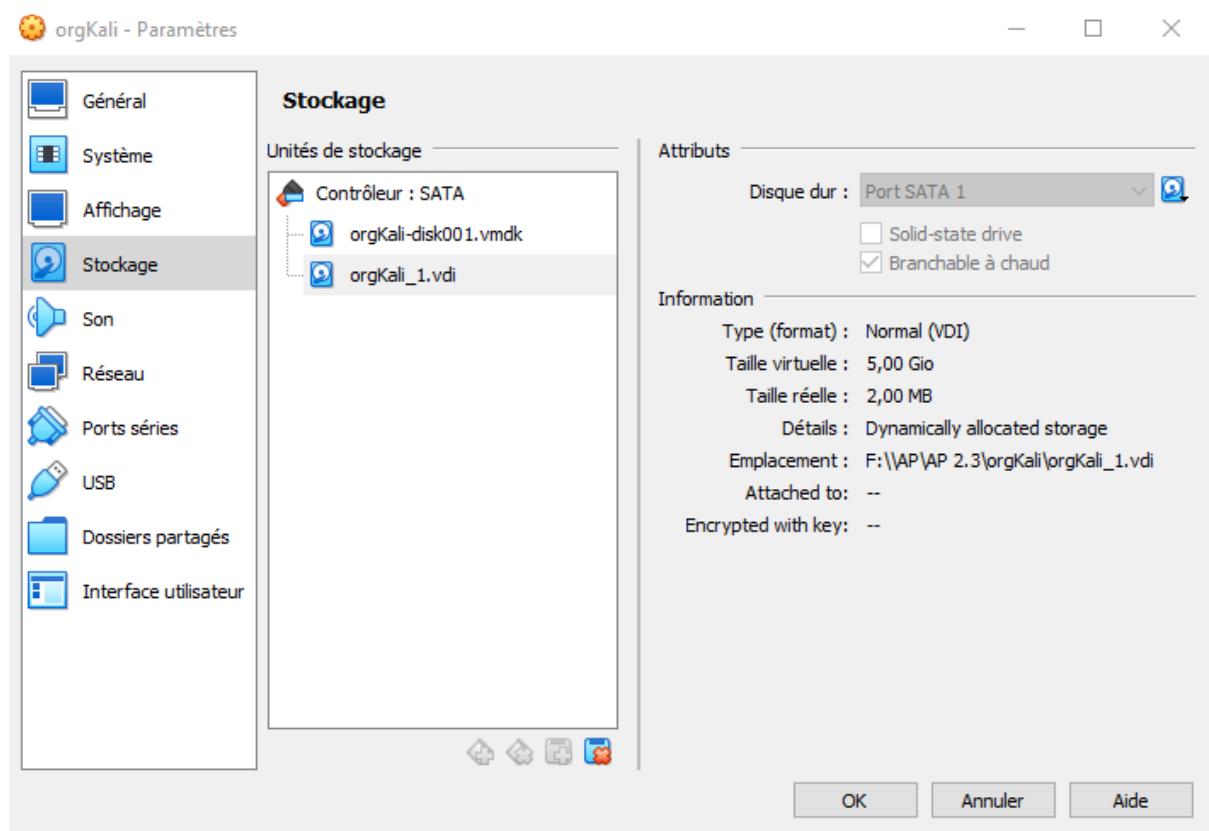
```
(sisr@sta-sans-nom) [~]
$ ssh nbarbirato@192.168.51.108
nbarbirato@192.168.51.108's password:
Linux AP23debian 6.2.16-3-pve #1 SMP PREEMPT_DYNAMIC PVE 6.2.16-3 (2023-06-17T05:58Z) x86_64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/*copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
nbarbirato@AP23debian:~$ █

nbarbirato@AP23debian:~$ sudo mkdir -p /opt/script
nbarbirato@AP23debian:~$ chmod 777 /opt/script/
chmod: changing permissions of '/opt/script/': Operation not permitted
nbarbirato@AP23debian:~$ sudo chmod 777 /opt/script/
```

Je crée un deuxième disque de 5 go qui permettra de stocker les informations des utilisateurs :



```

└─(sisr@sta-sans-nom)-[~]
$ lsblk
NAME   MAJ:MIN RM    SIZE RO TYPE MOUNTPOINTS
sda     8:0      0    50G  0 disk
└─sda1   8:1      0    15G  0 part /
└─sda2   8:2      0     1K  0 part
└─sda5   8:5      0  975,9M 0 part [SWAP]
sdb     8:16     0     5G  0 disk

└─(sisr@sta-sans-nom)-[~]
$ mkfs.ext4 /dev/sdb
mke2fs 1.47.1 (20-May-2024)
mkfs.ext4: Permission non accordée while trying to determine filesystem size
ertoffre

└─(sisr@sta-sans-nom)-[~]
$ sudo mkfs.ext4 /dev/sdb
[sudo] Mot de passe de sisr :
mke2fs 1.47.1 (20-May-2024)
Creating filesystem with 1310720 4k blocks and 327680 inodes
Filesystem UUID: d898dd3b-5be3-44bd-8388-e45c9de322de
Superblock backups stored on blocks:
            32768, 98304, 163840, 229376, 294912, 819200, 884736

Allocating group tables: done
Writing inode tables: done
Creating journal (16384 blocks): done
Writing superblocks and filesystem accounting information: done

```

```

└─(sisr@sta-sans-nom)-[~]
$ df -h
Sys. de fichiers Taille Utilisé Dispo Utile% Monté sur
udev          959M       0  959M  0% /dev
tmpfs         198M    968K  197M  1% /run
/dev/sda1      15G   7,6G  6,5G  54% /
tmpfs         988M       0  988M  0% /dev/shm
tmpfs        5,0M       0  5,0M  0% /run/lock
tmpfs        1,0M       0  1,0M  0% /run/credentials/systemd-journald.service
tmpfs        1,0M       0  1,0M  0% /run/credentials/systemd-udev-load-credentials.service
tmpfs        1,0M       0  1,0M  0% /run/credentials/systemd-tmpfiles-setup-dev-early.service
tmpfs        1,0M       0  1,0M  0% /run/credentials/systemd-sysctl.service
tmpfs        1,0M       0  1,0M  0% /run/credentials/systemd-tmpfiles-setup-dev.service
tmpfs         988M     12K  988M  1% /tmp
/dev/sdb       4,9G   16M  4,6G  1% /opt
tmpfs        1,0M       0  1,0M  0% /run/credentials/systemd-tmpfiles-setup.service
tmpfs        1,0M       0  1,0M  0% /run/credentials/getty@tty1.service
tmpfs        198M    100K  198M  1% /run/user/119
tmpfs        198M    108K  198M  1% /run/user/1000

```

Le disque sdb vient de passer prioritaire et donc mes camarades peuvent archiver directement dans ce disque.