

BARBIRATO

Sio1A

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## Serveur FTP

The screenshot displays the Proxmox Virtual Environment (VE) web interface. On the left, a sidebar lists various storage pools, with 'Pool114-Eq4-AP23' selected. The main panel shows the configuration for container '21171 (AP23debian)'. It includes a 'Résumé' (Summary) tab with graphs for CPU usage (peaking at ~0.12) and memory usage (peaking at ~1 GiB). Below the graphs is a 'Tâches' (Tasks) section showing a log of recent activities on the host 'pve1'.

Heure de début	Heure de fin	Nœud	Nom d'utilisateur	Description	Statut
Avr 01 16:20:17		pve1	Salim@pve	VM/CT 21111 - Console	
Avr 01 16:14:22		pve1	Bossard@pve	VM/CT 21181 - Console	
Avr 01 16:12:36		pve1	Banuls@pve	VM/CT 21151 - Console	
Avr 01 16:11:39		pve1	Pichon@pve	VM/CT 21141 - Console	
Avr 01 15:34:58		pve1	root@pam	Shell	

```
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:~#

```

```

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 créer 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 installer :

```
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.
```

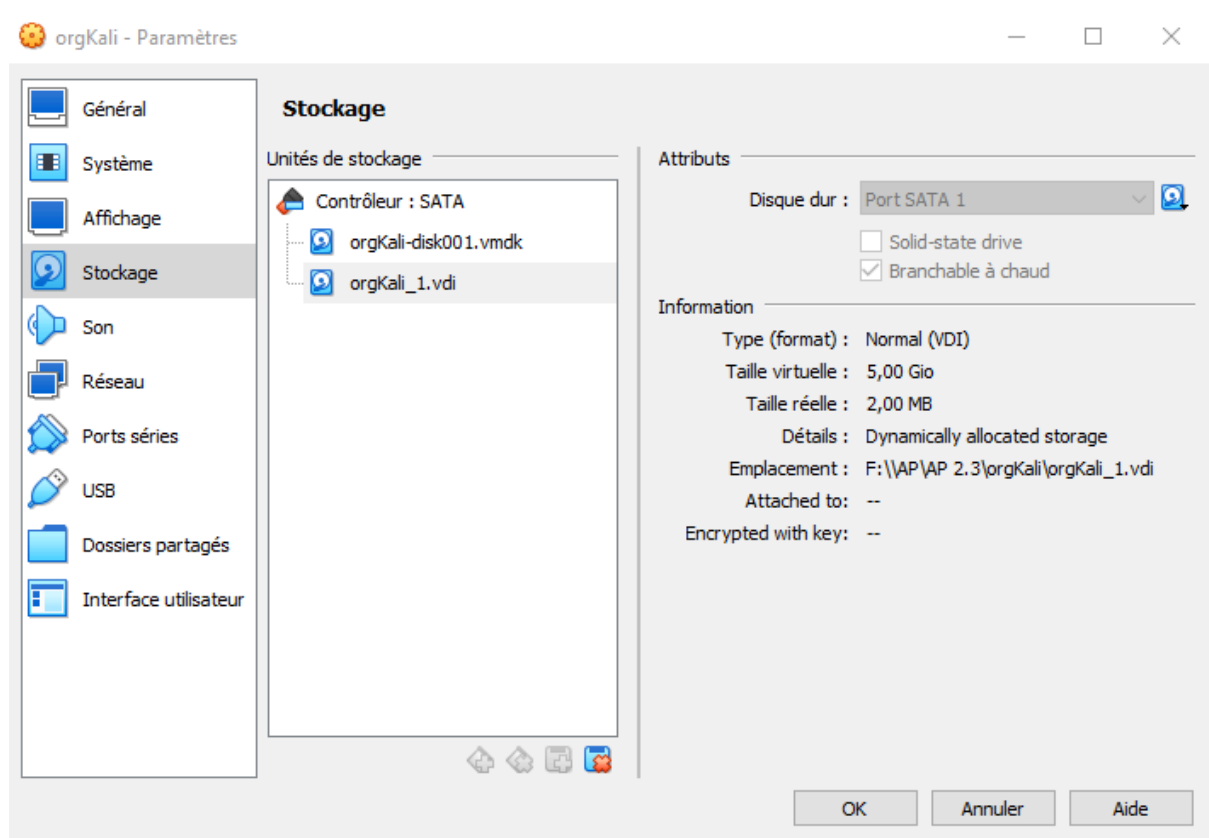
Maintenant ça marche.

On se connecte avec notre administrateur.

```
(sirs@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
ertoire

(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 Uti% 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.