VPS Prod - PaaS & Others
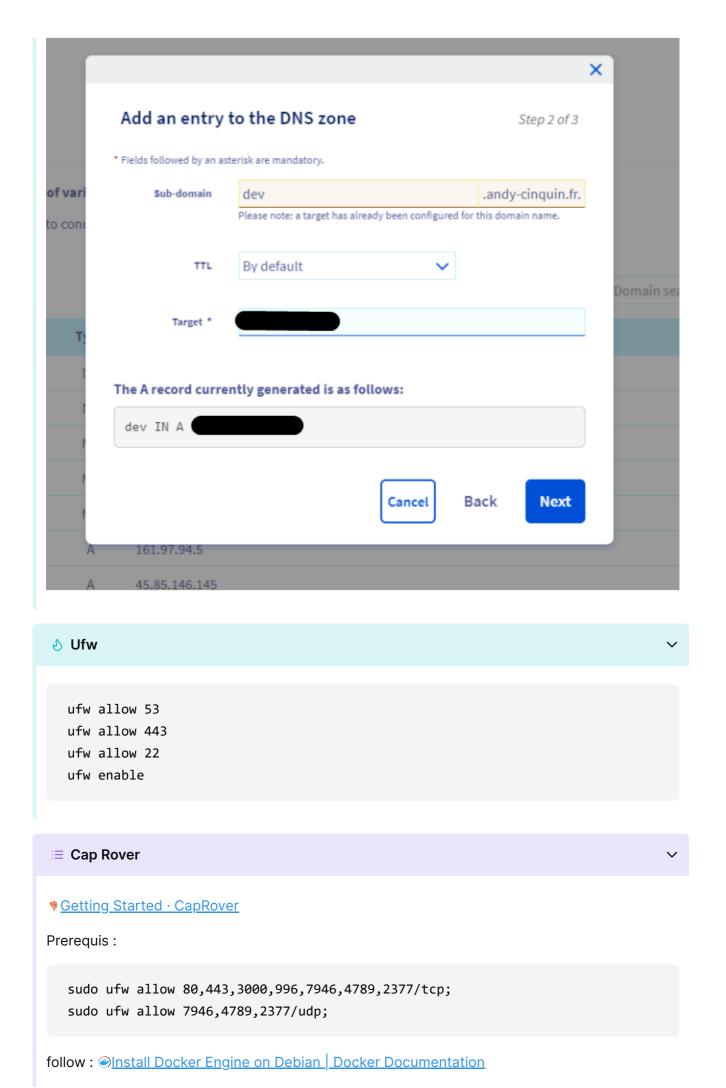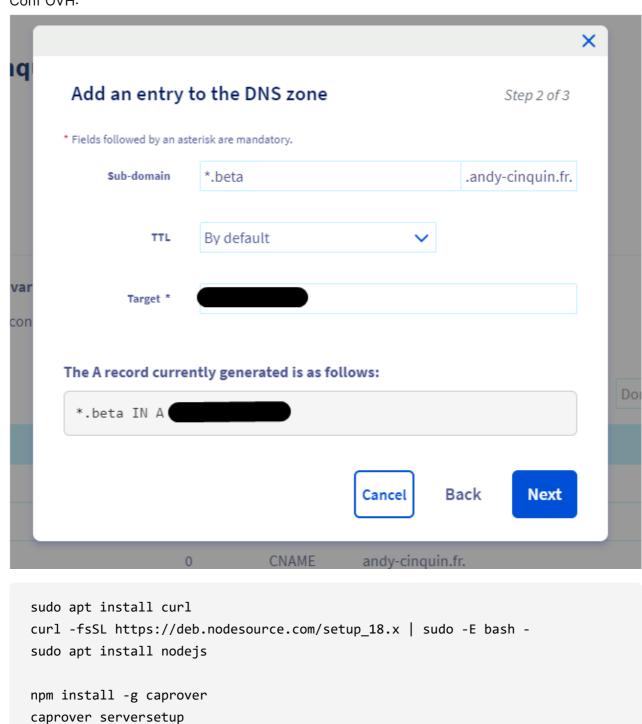
📋 Base install   ⌄

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Cloud VPS S
Install débian

ssh root@142.242.222.142

```
apt install sudo -y
apt install ufw -y
apt install tmux -y
apt install git -y
apt install fail2ban -y
apt install vim -y
```

```
useradd Andy -m -s /bin/bash
usermod -aG sudo Andy
passwd Andy
```

// ajouter clé ssh

```
cd /home/Andy/
mkdir .ssh
vim /home/Andy/.ssh/authorized_keys
```

(mettre la clé ssh publique dedans)

```
cd /home/Andy
chown Andy:Andy .ssh/ -R
chmod 755 -R .ssh/
chmod 600 .ssh/authorized_keys
```

```
vim /etc/ssh/sshd_config
```

// changer :
// → PubkeyAuthentification
// → PasswordAuthentification
// → PermitRootLogin
// → AuthorizedKeysFile

🔥 Ufw

```
ufw allow 53
ufw allow 443
ufw allow 22
ufw enable
```

☰ Cap Rover

🪁 Getting Started · CapRover

Prerequis :

```
sudo ufw allow 80,443,3000,996,7946,4789,2377/tcp;
sudo ufw allow 7946,4789,2377/udp;
```

follow : 🐳Install Docker Engine on Debian | Docker Documentation

Conf OVH:

Add an entry to the DNS zone
Step 2 of 3

* Fields followed by an asterisk are mandatory.

Sub-domain	*.beta .andy-cinquin.fr.
TTL	By default
Target *	[hidden]

The A record currently generated is as follows:

```
*.beta IN A [hidden]
```

Cancel   Back   **Next**

0   CNAME   andy-cinquin.fr.

```
sudo apt install curl
curl -fsSL https://deb.nodesource.com/setup_18.x | sudo -E bash -
sudo apt install nodejs

npm install -g caprover
caprover serversetup
```

ⓘ **config captain**

```
CinquinAndy@vmi914719:~$ sudo caprover serversetup


Setup CapRover machine on your server...

? have you already started CapRover container on your server? Yes
? IP address of your server: 0.0.0.0
? CapRover server root domain: beta.andy-cinquin.fr
? new CapRover password (min 8 characters): [hidden]
? enter new CapRover password again: [hidden]
? "valid" email address to get certificate and enable HTTPS: contact@andy-cinquin.fr
⸬ Enabling SSL... Takes a few seconds...
```

> ⓘ **Ajouter une application**

~ Conteneriser son app

docker build -t andycinquin/second-brain .
docker run -d -p 8000:8000 andycinquin/second-brain

~ push son app sur dockerhub
docker login
docker tag second-brain andycinquin/second-brain
docker push andycinquin/second-brain

~ créer les secrets sur github
APP_IMAGE
`docker.io/andycinquin/songflow-prod:latest`
APP_NAME
`songflow`
APP_TOKEN
`$token de caprover`
APP_URL
`captain.beta.andy-cinquin.fr`

DOCKER_PASSWORD
`password de docker.io`
DOCKER_USERNAME
`username de docker.io`

~ Debug :
docker ps
docker exec -it {numerodedocker} bash
tail -f /var/log/apache2/access.log -n 100

Related to :

- Cap Rover
- Docker
- Github CI CD