

Configuration Wireguard Docker

Docker compose

```
# =====
# docker-compose.yml – VPS OVH  (WireGuard Hub + Portainer UI)
# Version 3 – pare-feu g  r   par UFW (pas de r  gles dans wg0.conf)
# =====
# Arborescence :
#   /opt/wireguard-ovh/
#   └─ docker-compose.yml
#   └─ wg-config/wg0.conf      (= servers/ovh-wg0.conf renomm  )
#
# D  marrage :
#   docker compose up -d
#   sudo bash ovh-ufw-setup.sh   # APR  S, pour que wg0 existe
# =====

services:

  wireguard:
    image: lscr.io/linuxserver/wireguard:latest
    container_name: wireguard-ovh
    # network_mode: host – cohabite sans souci avec d'autres conteneurs host
    # (ex : Home Assistant sur Albi). Indispensable pour que wg0 et le
    # routage soient au niveau de l'h  te, o   UFW applique ses r  gles.
    network_mode: host
    cap_add:
      - NET_ADMIN
      - SYS_MODULE
    environment:
      - PUID=1000
      - PGID=1000
      - TZ=Europe/Paris
    volumes:
      - ./wg-config:/config
      # Acc  s au module kernel wireguard de l'h  te
```

```
- /lib/modules:/lib/modules:ro
```

```
restart: unless-stopped
```

```
portainer:
```

```
image: portainer/portainer-ce:latest
```

```
container_name: portainer-ui
```

```
# Bind sur l'IP WireGuard uniquement : invisible depuis l'IP publique OVH.
```

```
ports:
```

```
- "10.0.0.1:9000:9000"
```

```
volumes:
```

```
- /var/run/docker.sock:/var/run/docker.sock
```

```
- portainer-data:/data
```

```
restart: unless-stopped
```

```
depends_on:
```

```
- wireguard
```

```
volumes:
```

```
portainer-data:
```

```
---
```

```
# =====  
# docker-compose.yml – Serveur Marseille (WireGuard + Portainer Agent)  
# wg-config/wg0.conf = servers/marseille-wg0.conf  
# Lancer ensuite : sudo bash marseille-ufw-setup.sh  
# =====
```

```
services:
```

```
wireguard:
```

```
image: lscr.io/linuxserver/wireguard:latest
```

```
container_name: wireguard-mrs
```

```
network_mode: host
```

```
cap_add:
```

```
- NET_ADMIN
```

```
- SYS_MODULE
```

```
environment:
```

```
- PUID=1000
```

```
- PGID=1000
```

```
- TZ=Europe/Paris
```

```
volumes:
```

```
- ./wg-config:/config
- /lib/modules:/lib/modules:ro
restart: unless-stopped
```

portainer-agent:

```
image: portainer/agent:latest
container_name: portainer-agent
# Bind sur l'IP WireGuard de Marseille – joignable seulement via le mesh.
ports:
  - "10.0.0.2:9001:9001"
environment:
  - AGENT_PORT=9001
volumes:
  - /var/run/docker.sock:/var/run/docker.sock
  - /var/lib/docker/volumes:/var/lib/docker/volumes
restart: unless-stopped
depends_on:
  - wireguard
```

```
# =====
# docker-compose.yml – Serveur Albi (WireGuard + Portainer Agent)
# wg-config/wg0.conf = servers/albi-wg0.conf
# Lancer ensuite : sudo bash albi-ufw-setup.sh
#
# Home Assistant / Frigate tournent déjà sur ce serveur : aucun changement
# requis pour eux. WireGuard en host cohabite avec HA en host.
# =====
```

services:

wireguard:

```
image: lscr.io/linuxserver/wireguard:latest
container_name: wireguard-albi
network_mode: host
cap_add:
  - NET_ADMIN
  - SYS_MODULE
environment:
  - PUID=1000
```

- PGID=1000
- TZ=Europe/Paris

volumes:

- ./wg-config:/config
- /lib/modules:/lib/modules:ro

restart: unless-stopped

portainer-agent:

image: portainer/agent:latest

container_name: portainer-agent

Bind sur l'IP WireGuard d'Albi.

ports:

- "10.0.0.3:9001:9001"

environment:

- AGENT_PORT=9001

volumes:

- /var/run/docker.sock:/var/run/docker.sock
- /var/lib/docker/volumes:/var/lib/docker/volumes

restart: unless-stopped

depends_on:

- wireguard

Revision #2

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