

# Administration avec Portainer

## Interface graphique Portainer

Portainer est une interface web qui permet de gérer facilement des environnements Docker. Elle simplifie l'administration des conteneurs, images, volumes et réseaux sans avoir à utiliser la ligne de commande.

## PORTAINER.io

Portainer est une solution commerciale basée sur un outil open-source. Ci-dessous un extrait du site [docs.portainer.io](https://docs.portainer.io) :

“**Portainer Community Edition (CE)** is our foundation. With over half a million regular users, CE is a powerful, open source toolset that allows you to easily build and manage containers in Docker, Docker Swarm, Kubernetes and Azure ACI.

**Portainer Business Edition (BE)** is our commercial offering. With features geared towards businesses and larger organizations such as [Role-Based Access Control](#), [registry management](#), and [dedicated support](#) , Portainer BE is a powerful toolset that allows you to easily build and manage containers in Docker, Docker Swarm, Kubernetes, Podman and Azure ACI.

Nous utiliserons **Portainer Community Edition (CE)**.

## Installation

La procédure d'installation détaillée est disponible sur [docs.portainer.io](https://docs.portainer.io).

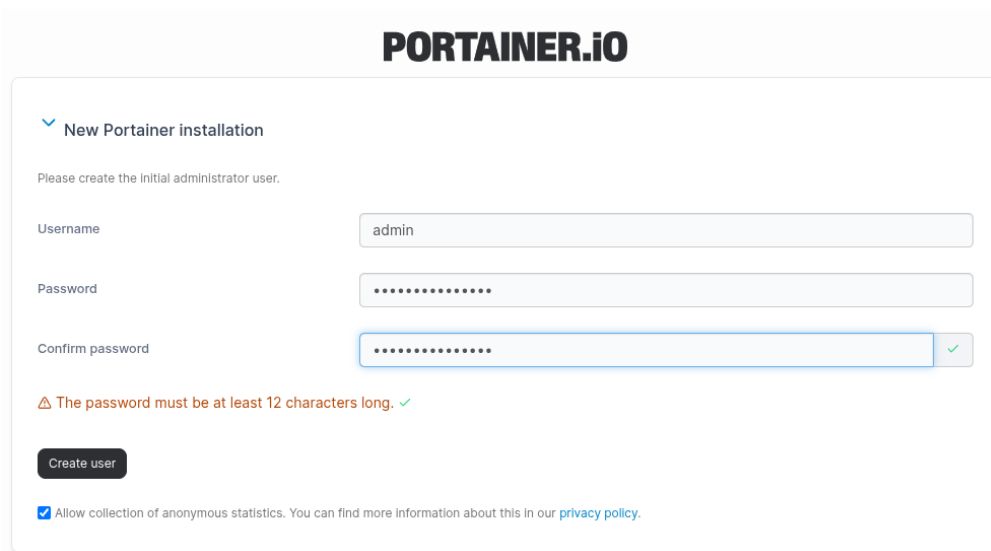
L'installation de Portainer s'effectue simplement avec une image docker :

```
docker volume create portainer_data
docker run -d -p 8000:8000 -p 9443:9443 --name portainer --restart=always \
-v /var/run/docker.sock:/var/run/docker.sock -v portainer_data:/data portainer/portainer-
ce:lts
```

Portainer est accessible à l'adresse : <https://127.0.0.1:9443/>.

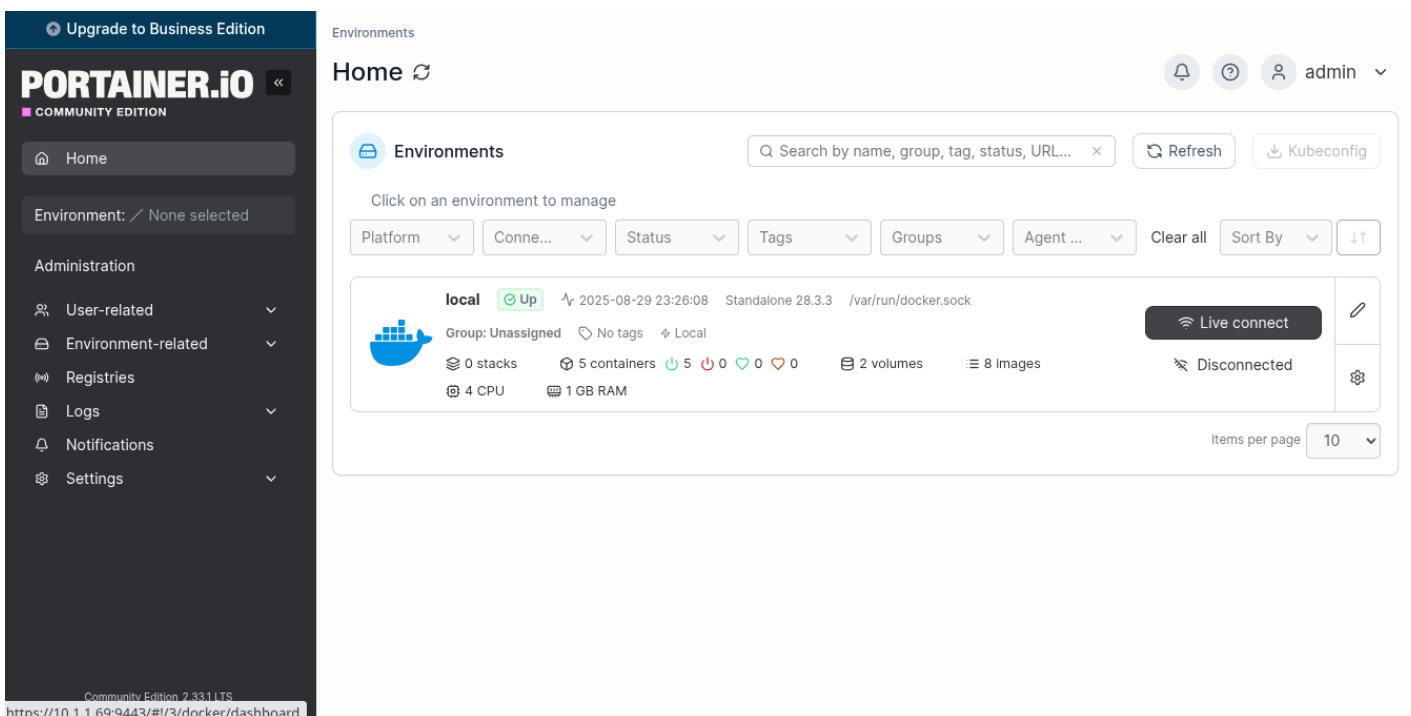
Remplacez 127.0.0.1 par l'IP de votre hôte docker si nécessaire.

La création d'un utilisateur est obligatoire avant la première connexion.



The screenshot shows the 'New Portainer installation' form. It includes fields for Username (admin), Password, and Confirm password. A message indicates the password must be at least 12 characters long. There is a 'Create user' button and a checkbox for allowing anonymous statistics.

Il faut ensuite sélectionner l'environnement local.



The screenshot shows the Portainer.io dashboard. The left sidebar contains navigation options like Home, Administration, User-related, Environment-related, Registries, Logs, Notifications, and Settings. The main area displays the 'local' environment, which is 'Up' and 'Local'. It shows 0 stacks, 5 containers (5 up, 0 down, 0 pending), 2 volumes, and 8 images. The environment is using 4 CPU and 1 GB RAM. The dashboard also includes a search bar, filters, and a 'Live connect' button.

L'administration des containers, images, volumes, network est disponible.

The screenshot displays the Portainer.io dashboard interface. On the left is a dark sidebar with navigation options: Home, local (selected), Dashboard, Templates, Stacks, Containers, Images, Networks, Volumes, Events, Host, Administration (User-related, Environment-related, Registries, Logs), and a version indicator 'Community Edition 2.33.1 LTS'. The main content area is titled 'Environment summary' and 'Dashboard'. It features an 'Environment info' table with the following data:

Environment	local @ 4 🗄️ 1 GB - Standalone 28.3.3
URL	/var/run/docker.sock
GPU	none
Tags	-

Below the table are four summary cards:

- Stacks:** 0
- Containers:** 5 (5 running, 0 stopped; 0 healthy, 0 unhealthy)
- Images:** 8 (1.2 GB)
- Volumes:** 2
- Networks:** 5

Revision #7

Created 14 August 2025 20:10:30 by Thibaud FRICHET

Updated 2 September 2025 20:09:52 by Thibaud FRICHET