### Installation de la solution « Portainer » afin de gérer graphiquement les conteneurs Docker

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## On execute la commande suivante sous Docker :

# sudo docker run -d -p 8000:8000 -p 9000:9000 -p 9443:9443 --name=portainer -restart=always -v /var/run/docker.sock:/var/run/docker.sock -v portainer\_data:/data portainer/portainer-ce:latest

```
frank@UB-TEST:~+frank@UB-TEST:~*$ sudo docker pull portainer/portainer-ceUsing default tag: latestlatest: Pulling from portainer/portainer-ced1e017099d17: Pull completeb0718b1ef1b0: Pull completeDigest: sha256:0ab9d25e9ac7b663a51afc6853875b2055d8812fcaf677d0013eba32d0bf0e0dStatus: Downloaded newer image for portainer/portainer-ce:latestdocker.io/portainer/portainer-ce:latestfrank@UB-TEST:~*sudo docker run --restart=always --name=portainer -d -p 9000:9000 -v /var/run/docker.sock:/var/run/docker.sock
```

On accède à l'interface Web de Portainer par son adresse IP ainsi que le port 9000 exposé :

http://[ipaddress]:9000

On crée l'utilisateur admin initial avec son mot de passe:

	portainer.io
Please create the initial admini	strator user.
Username	admin
Password	•••••
Confirm password	•••••
The password must be at lead	ast 8 characters long
2+ Create user	

## On séléctionne notre plateforme de conteneurisation qui est : Docker

ê		
Docker  Manage the local Docker environment	Kubernetes Manage the local Kubernetes environment	<b>Agent</b> Connect to a Portainer agent
Iformation		
lanage the Docker environment where Portainer is run	ining.	
Ensure that you have started the Portainer container	with the following Docker flag:	
u "/uan/nun/dacken sack:/uan/nun/dacken sack" (Unuv)		
-v /val/lul/dockel.sock./val/lul/dockel.sock (Lilidk).		
ry yval / ui/uuckel.suck./val / ui/uuckel.suck (Entux).		

#### On séléctionne « local » c'est notre instance Docker installée localement sur la machine



# On accède désormais au visuel et à la gestion de nos conteneurs ou stacks.

portainer.io	₽	Stacks list 🔁	Portainer support O admin <i>F</i> <u>my account</u> (*) log out		
LOCAL					
Dashboard	Ð	E Stacks			Q, Search
App Templates	¥	m Remove + Add stack			
Stacks	≡				
Containers		□ Name I <sup>4</sup>	Туре	Control	Ownership
Images	e	eastern-bank-micro-site-feature-ebcd-225	Compose	Limited 🕕	øpublic
Networks	#	eastern-bank-micro-site-feature-ebcd-298	Compose	Limited 🕕	<ul> <li>public</li> </ul>
Volumes	æ	eastern-bank-micro-site-feature-ebcd-306	Compose	Limited ()	ø public
Events	5	eastern-bank-micro-site-master	Compose	Limited 🕛	øpublic
Engine PORTAINER SETTINGS		eastern-bank-micro-site-status	Compose	Limited 🕕	❷ public
User management	2 <u>8</u> 2	emmis-develop	Compose	Limited 🕕	øpublic
Endpoints	¥	emmis-feature-eit-948-hide-filed-use-d7ca	Compose	Limited 🕛	øpublic
Registries	9	emmis-hotfix-eit-953-user-registration	Compose	Limited 🕕	<ul> <li>public</li> </ul>
Settings	<b>\$</b> %	ftd-registry-fr-2	Compose	Limited 🕕	<ul> <li>public</li> </ul>
		natus-develop	Compose	Limited 🕛	<ul> <li>public</li> </ul>
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