

E2 :


```
[root@SRV-DOCKER-9 user]# docker run -d -p 9000:9000 -v /var/run/docker.sock:/var/run/docker.sock -v portainer_data:/data portainer/portainer
a830286a1f60ae0fc4e26ff50b684098ca70beb053e819771b5f4cf8f8e090fb
[root@SRV-DOCKER-9 user]#
```

Environments

Click on an environment to manage

[Refresh](#)

Platform Conned Type Status Tags Groups Agent Versior Clear all Sor By

 **local** up 2023-05-10 09:16:44 Group: Unassigned
0 stacks 12 containers 1 11 0 0 7 volumes 5 images Standalone 23.0.6
2 CPU 8.1 GB RAM 0 GPU No tags /var/run/docker.sock

Items per page

image pull

[Pull image](#)

Registry

Image*

Advanced mode

sha256:448a08f1d2f94e8db6db9286fd77a3... Unused nginx:latest 142.1 MB 2023-05-03 21:51:00

The screenshot shows the Docker Desktop configuration page for a new container. The browser address bar shows 'localhost:9000/#!/2/docker/containers/new'. The page is titled 'Webhooks' and includes several configuration sections:

- Webhooks:** A toggle for 'Create a container webhook' is turned off. A 'Business Edition Feature' badge is visible.
- Network ports configuration:** A toggle for 'Publish all exposed network ports to random host ports' is turned on. Below it, 'Manual network port publishing' is also turned on, with a '+ publish a new network port' button. A configuration row shows 'host: 8088' mapped to 'container: 80' using 'TCP' protocol.
- Access control:** A toggle for 'Enable access control' is turned on. Two options are available: 'Administrators' (selected) and 'Restricted'.
- Actions:** A toggle for 'Auto remove' is turned off. A 'Deployment in progress...' indicator is shown.

The screenshot shows a web browser window with the address bar set to 'localhost:8088'. The page content is as follows:

Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org. Commercial support is available at nginx.com.

Thank you for using nginx.

Container console

   admin 

 Execute

Exec into container as **root** using command **bash**

[Disconnect](#)

```
root@44f68dd2c9b8:/# ls /usr/share/nginx/html
50x.html  index.html
root@44f68dd2c9b8:/#
```

Create image

You can create an image from this container, this allows you to backup important data or save helpful configurations. You'll be able to spin up another container based on this image afterward.

Registry

Image* [Search](#)

 [Advanced mode](#)

 You are currently using an anonymous account to pull images from DockerHub and will be limited to 100 pulls every 6 hours. You can configure DockerHub authentication in the [Registries View](#). Remaining pulls: **91/100**

Note: if you don't specify the tag in the image name, **latest** will be used.

[Create](#)

sha256:f61ccfce90ab6800875b33485e60db...

Unused

nginx:leo

142.1 MB 2023-05-10 10:22:35

Name

mesdonnees

Driver configuration

Driver

local

Driver options

+ add driver option

Use NFS volume



Use CIFS volume



Access control

Enable access control



Administrators



I want to restrict the management of this resource to administrators only

Restricted

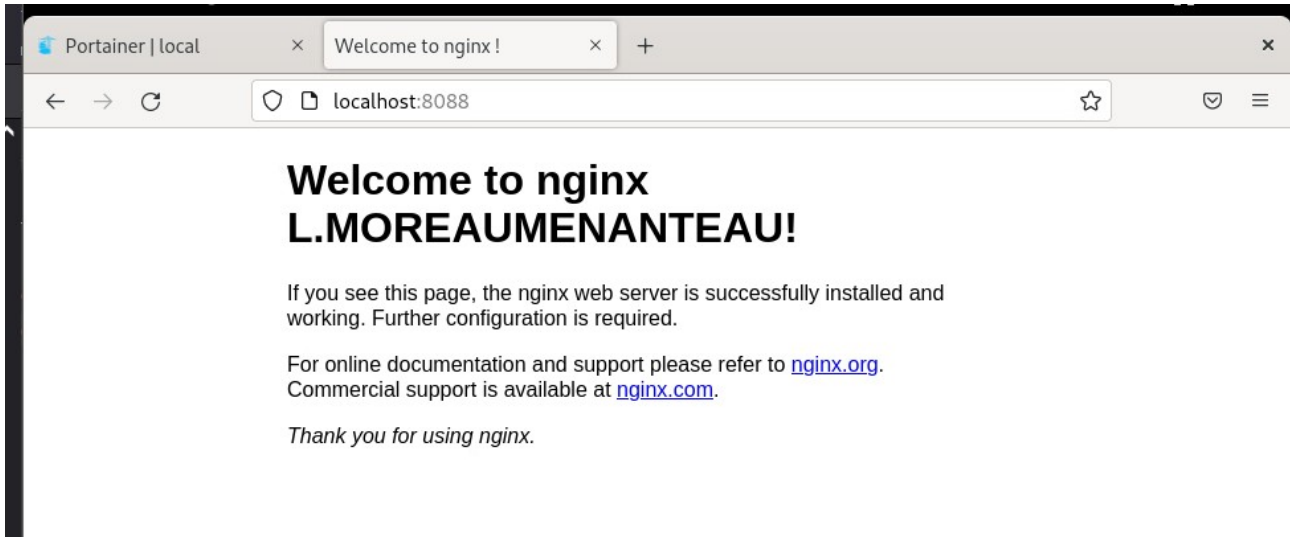
I want to restrict the management of this resource to a set of users and/or teams

Actions

Create the volume

Volume mapping + map additional volume

container	/usr/share/nginx/html	Volume	Bind	
→ volume	mesdonnees - local	Writable	Read-only	



Name

Driver configuration

Driver

Driver options

+ Add driver option

IPV4 Network configuration

Subnet Gateway

Les machines ont bien des ip sur le même réseau

Join a network

Network	IP Address	Gateway	MAC Address	Actions
monrsousreseau	172.18.0.2	172.18.255.254	02:42:ac:12:00:02	<input type="button" value="Leave network"/>

Join a network

Network	IP Address	Gateway	MAC Address	Actions
monrsousreseau	172.18.0.1	172.18.255.254	02:42:ac:12:00:01	<input type="button" value="Leave network"/>

Ça ping !!

```
root@4f3aca0ec9e0:/# ping 172.18.0.2
PING 172.18.0.2 (172.18.0.2) 56(84) bytes of data.
64 bytes from 172.18.0.2: icmp_seq=1 ttl=64 time=0.110 ms
64 bytes from 172.18.0.2: icmp_seq=2 ttl=64 time=0.146 ms
64 bytes from 172.18.0.2: icmp_seq=3 ttl=64 time=0.066 ms
64 bytes from 172.18.0.2: icmp_seq=4 ttl=64 time=0.068 ms
64 bytes from 172.18.0.2: icmp_seq=5 ttl=64 time=0.089 ms
64 bytes from 172.18.0.2: icmp_seq=6 ttl=64 time=0.092 ms
^C
--- 172.18.0.2 ping statistics ---
6 packets transmitted, 6 received, 0% packet loss, time 510
rtt min/avg/max/mdev = 0.066/0.095/0.146/0.027 ms
root@4f3aca0ec9e0:/#
```

```
root@336dfb1c835e:/# mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 3
Server version: 10.11.2-MariaDB-1:10.11.2+maria-ubu2204 mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> show databases;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to
your MariaDB server version for the right syntax to use near 'databases' at line 1
MariaDB [(none)]> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| sys |
+-----+
4 rows in set (0.000 sec)

MariaDB [(none)]>
```

Auto-refresh logs

Wrap lines

Display timestamps

Fetch

Search

Lines

Actions

```
2023-05-10 9:10:49 0 [Note] InnoDB: Compressed tables use zlib 1.2.11
2023-05-10 9:10:49 0 [Note] InnoDB: Number of transaction pools: 1
2023-05-10 9:10:49 0 [Note] InnoDB: Using crc32 + pclmulqdq instructions
2023-05-10 9:10:49 0 [Note] mariadbd: 0 TMPFILE is not supported on /tmp (disabling future attempts)
2023-05-10 9:10:49 0 [Note] InnoDB: Initializing buffer pool, total size = 128.000MiB, chunk size = 2.000MiB
2023-05-10 9:10:49 0 [Note] InnoDB: Completed initialization of buffer pool
2023-05-10 9:10:49 0 [Note] InnoDB: File system buffers for log disabled (block size=512 bytes)
2023-05-10 9:10:49 0 [Note] InnoDB: 128 rollback segments are active.
2023-05-10 9:10:49 0 [Note] InnoDB: Setting file './ibtmp1' size to 12.000MiB. Physically writing the file full; Please wait ...
2023-05-10 9:10:49 0 [Note] InnoDB: File './ibtmp1' size is now 12.000MiB.
2023-05-10 9:10:49 0 [Note] InnoDB: log sequence number 46718; transaction id 14
2023-05-10 9:10:49 0 [Note] InnoDB: Loading buffer pool(s) from /var/lib/mysql/ib_buffer_pool
2023-05-10 9:10:49 0 [Note] Plugin 'FEEDBACK' is disabled.
2023-05-10 9:10:49 0 [Warning] You need to use --log-bin to make --expire-logs-days or --binlog-expire-logs-seconds work.
2023-05-10 9:10:49 0 [Note] InnoDB: Buffer pool(s) load completed at 230510 9:10:49
2023-05-10 9:10:49 0 [Note] Server socket created on IP: '0.0.0.0'.
2023-05-10 9:10:49 0 [Note] Server socket created on IP: '::'.
2023-05-10 9:10:49 0 [Note] mariadbd: ready for connections.
Version: '10.11.2-MariaDB-1:10.11.2+maria-ubu2204' socket: '/run/mysqld/mysqld.sock' port: 3306 mariadb.org binary distribution
```