



How to use the openQRM Docker Plugin

Install Docker

```
root@mybook: ~  
Datei Bearbeiten Ansicht Suchen Terminal Hilfe  
root@mybook:~# apt-get install docker.io
```

Start Docker Plugin



Started plugin docker

INFO

DOCUMENTATION

SUPPORT

ACCOUNT

LANGUAGE

en



Datacenter

PLUGIN MANAGER

- Dashboard
- Server
- Components
- Events

Activities

- Events
- Commands

Plugins

- Plugin manager
- Network
- Virtualization
 - Docker
 - About
- Misc

Plugin Manager

Filter by Type

Virtualization

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Plugin

ASC

none



Plugin		Description		
docker	VIRTUALIZATION	Adminstration Web UI to manage Docker container.	- UNINSTALL	STOP
kvm	VIRTUALIZATION	Integrates the KVM Virtualization Technology	CONFIGURE	+ INSTALL
lxc	VIRTUALIZATION	Integrates LXC Linux Containers as a lightweight container based Virtualization technology.	CONFIGURE	+ INSTALL
vmware-esx	VIRTUALIZATION	Integrates the VMware-ESX Virtualization Technology.	CONFIGURE	+ INSTALL

Get Initial Password

The initial password will be shown first time you log in to your docker server

```
root@ThinkPad-E555: ~
Datei Bearbeiten Ansicht Suchen Terminal Hilfe
root@mybook:~# ssh -l root 192.168.1.10
root@192.168.1.10's password:
Welcome to Ubuntu 14.04.2 LTS (GNU/Linux 3.13.0-55-generic x86_64)

* Documentation:  https://help.ubuntu.com/

Last login: Thu Jul  9 18:21:26 2015 from 192.168.1.107
#docker#
#docker##### Docker administration #####
#docker# Please connect to http://192.168.1.10:9001
#docker# Username: docker
#docker# Password: 2d0c5ac30a36
#docker# (Please write down those infos! This is a one-time message!)
#docker#####
#
#docker#
root@ThinkPad-E555:~#
```

Set Initial Password

You can also assign the password yourself by running


```
htpasswd -C /var/www/docker/.htpasswd docker
```

User Administration

openQRM / Docker - Mozilla Firefox

openQRM / Docker x +

192.168.1.10:9001/index.php?docker_action=admin&docker_... Suchen

 Docker Collaboration Server - Team up with your colleagues

DOCKER SEARCH **PASSWORD** LOGOUT

User Administration - add your colleagues

NEW USER

1 - 2 / 2

Username	
docker	EDIT
openqrm	EDIT DELETE MAIL

Change Password

openQRM / Docker - Mozilla Firefox

openQRM / Docker

192.168.1.10:9001/index.php?docker_action=admin&docker_admini

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DOCKER SEARCH **PASSWORD** LOGOUT

Change Password

Username

Password *

Password (repeat) *



SUBMIT

CANCEL

Search Images

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openQRM / Docker

192.168.1.10:9001/index.php?docker_action=search

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DOCKER SEARCH PASSWORD LOGOUT

Search and Pull Images from the Docker repository

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Name	Description	Rating	
ubuntu	Ubuntu is a Debian-based Linux operating s...	1897	PULL
ubuntu-upstart	Upstart is an event-based replacement for ...	27	PULL
torusware/speedus-ubuntu	Always updated official Ubuntu docker imag...	25	PULL
ubuntu-debootstrap	debootstrap --variant=minbase --components...	10	PULL
fike/ubuntu-postgresql	PostgreSQL 9. beta until 9.0 version runn...	4	PULL

Manage Images

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openQRM / Docker

192.168.1.10:9001/index.php?docker_action=docker&user=docker

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DockerUI

Dashboard Containers Containers Network **Images** Info

Images:

Actions ▾

<input type="checkbox"/> Action	Id	Repository	VirtualSize	Created
<input type="checkbox"/>	d8de71c04044730e4...	cirros:0.3.3	7 MB	Wed Apr 22 2015
<input type="checkbox"/>	210f52bd365730ffb...	cirros:0.3.0	4 MB	Wed Dec 31 2014

Create Containers

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openQRM / Docker

192.168.1.10:9001/index.php?docker_action=docker&user=docker

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DockerUI

Dashboard

Image: cirros

Create

Container

1

Create And Start Container From Image

Container options

Cmd: /bin/sleep 1000
Input commands as a raw string or JSON array

Entrypoint: ./entrypoint.sh

MemorySwap:

CpuShares:

Cpuset:

192.168.1.10:9001/docker/#/image...cd8b6e67f36d62/?tag=cirros:0.3.3

Manage Containers

openQRM / Docker - Mozilla Firefox

openQRM / Docker

192.168.1.10:9001/index.php?docker_action=docker&user=docker

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DockerUI

Dashboard Containers Containers Network Images Info

Containers:

Actions Display All

<input type="checkbox"/> Action	Name	Image	Command	Created	Status
<input type="checkbox"/>	insane_blackwell	cirros:0.3.3	/bin/sleep 1000	Thu Jul 09 2015	Up 4 seconds