

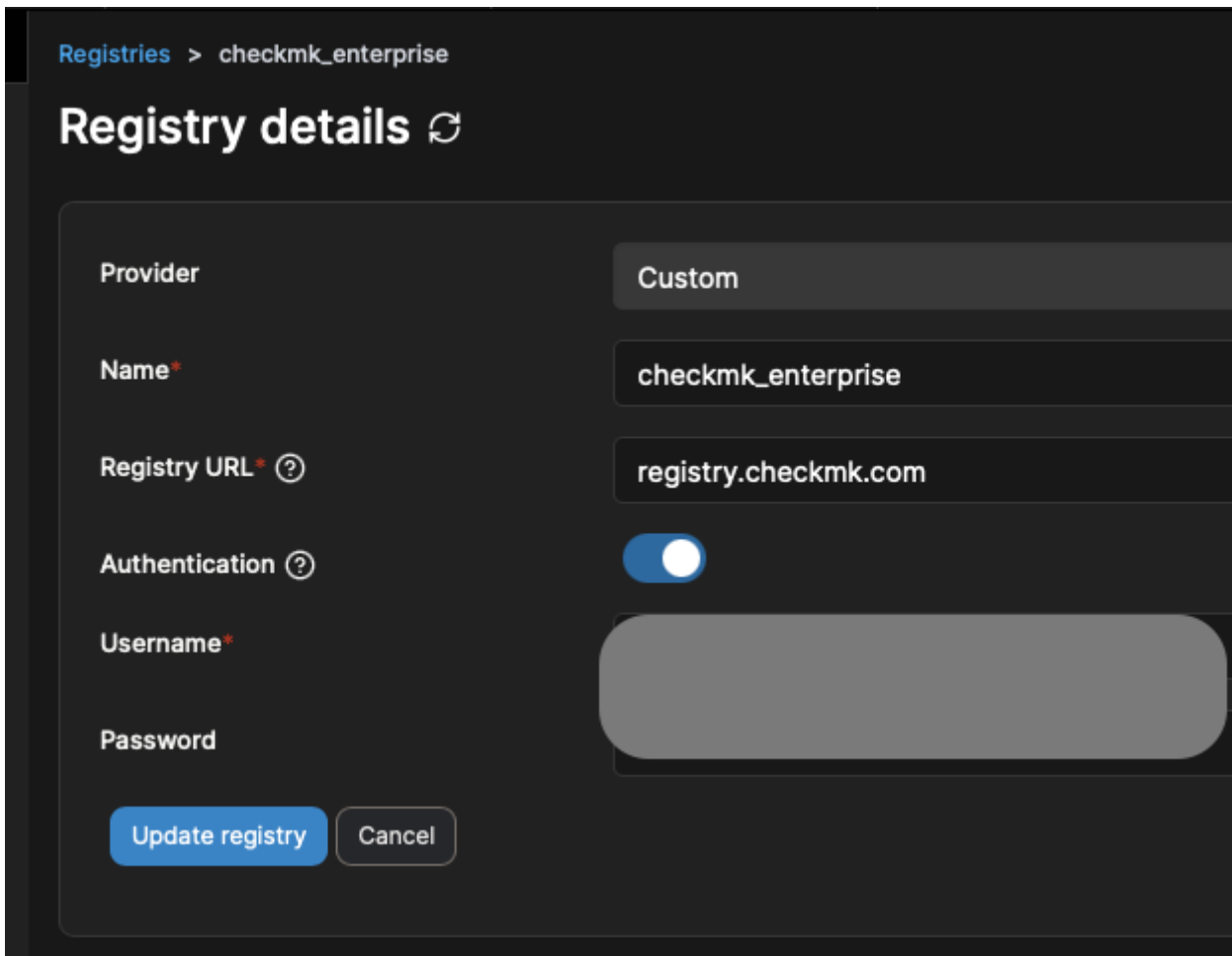
# Checkmk in Docker mit Portainer

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# Installation

Ich beschreibe hier nur die Enterprise Installation. Es ist also ein Account nötig.

## Checkmk als Registry hinzufügen

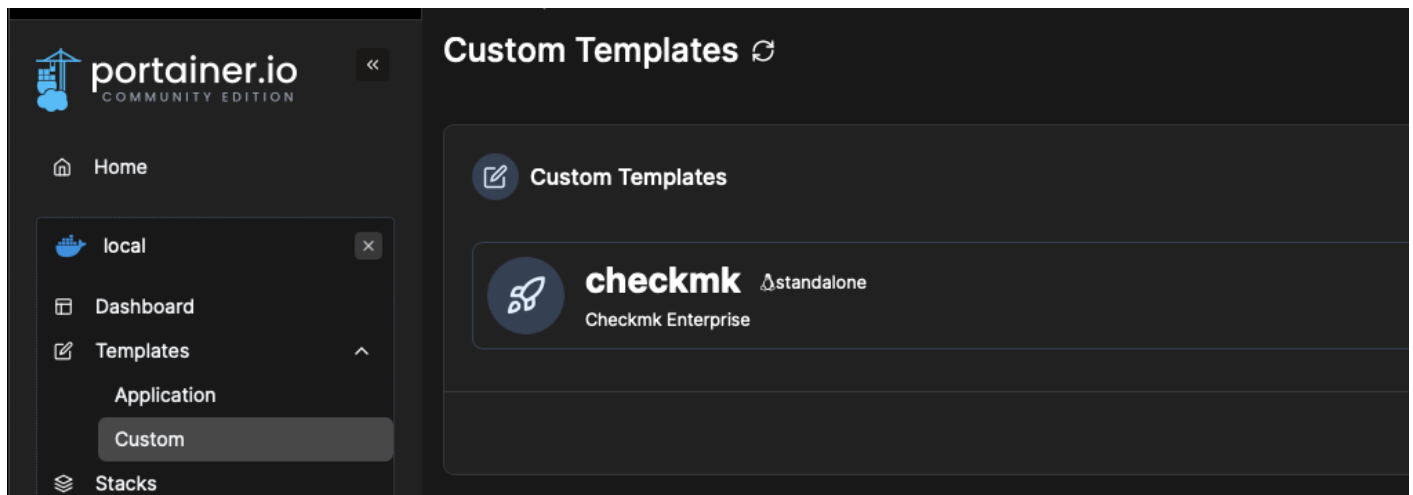


The screenshot shows the 'Registry details' configuration page for 'checkmk\_enterprise'. The page has a dark theme. At the top, there is a breadcrumb 'Registries > checkmk\_enterprise'. Below it, the title 'Registry details' is followed by a refresh icon. The configuration fields are as follows:

Field	Value
Provider	Custom
Name*	checkmk_enterprise
Registry URL* (?)	registry.checkmk.com
Authentication (?)	<input checked="" type="checkbox"/>
Username*	[Redacted]
Password	[Redacted]

At the bottom left, there are two buttons: 'Update registry' (blue) and 'Cancel' (grey).

## Ein Container Template erstellen



Custom Templates > checkmk

## Edit Custom template

Title *	checkmk
Description *	Checkmk Enterprise
Note	
Logo	
Platform *	Linux
Type *	Standalone

```
version: "3.9"
checkmk:
  container_name: monitoring
  image: registry.checkmk.com/enterprise/check-mk-enterprise:2.3.0p17
  restart: always
  environment:
    - CMK_PASSWORD=${CMK_PASSWORD}
    - MAIL_RELAY_HOST=${CMK_MAIL_RELAY_HOST}
    - CMK_LIVESTATUS_TCP=${CMK_LIVESTATUS_TCP}
  ports:
    - 8080:5000
    - 8000:8000
    - 162:162/udp
    - 514:514/udp
```

- 514:514/tcp

tmpfs:

- /opt/docker/omd/sites/cmk/tmp:uid=1000,gid=1000

volumes:

- /opt/docker/omd/sites:/omd/sites

- /etc/localtime:/etc/localtime:ro

- /etc/timezone:/etc/timezone:ro

# Erstelle eine Container aus dem Template

Name

monitoring

Image Configuration

Registry

checkmk\_enterprise

Image

registry.checkmk.com

enterprise/check-mk-enterprise:2.3.0p24

⊕ Advanced mode

Always pull the image ?

☒

Webhook

Create a container webhook ?

☐ Business Feature

Network ports configuration

Publish all exposed ports to random host ports ? ☐

Port mapping ?

host	162	→	container	162	tcp	udp	
host	514	→	container	514	tcp	udp	
host	514	→	container	514	tcp	udp	
host	8080	→	container	5000	tcp	udp	
host	8000	→	container	8000	tcp	udp	

⚙️

Advanced container settings

Commands & logging

Volumes

Network

Env

Labels

Restart policy

Volume mapping

container

/etc/localtime

Volume

Bind

🗑️

→ 

host

/etc/localtime

Writable

Read-only

container

/etc/timezone

Volume

Bind

🗑️

→ 

host

/etc/timezone

Writable

Read-only

container

/omd/sites

Volume

Bind

🗑️

→ 

host

/opt/docker/omd/sites

Writable

Read-only

⚙️

Advanced container settings

Commands & logging

Volumes

Network

Env

Labels

Restart policy

Runtime & security

Environment variables

These values will be applied to the container when deployed

🔗 Advanced mode

🕒 Switch to advanced mode to copy & paste multiple variables

name \*

CMK\_PASSWORD

value

name \*

MAIL\_RELAY\_HOST

value

mail.amrthein.lan

name \*

CMK\_LIVESTATUS\_TCP

value

off

name \*

PATH

value

/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin

name \*

CMK\_SITE\_ID

value

cmk

name \*

TZ

value

e.g. bar

name \*

CMK\_CONTAINERIZED


value

TRUE

# Upgrade

# Checkmk Download Seite

Auf der Checkmk Download Seite die aktuelle Version suchen



Produkt ▾

Lösungen ▾

Preise

Lernen ▾

Community ▾

Sales kontaktieren

1. Edition wählen

Raw	Free / Trial	Enterprise	Cloud	MSP
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2. Plattform wählen

VERSION	PLATTFORM	OS-VERSION
2.3.0p24 ⓘ	-	-
2.2.0p38 ⓘ		
2.1.0p49 ⓘ		
2.0.0p39 ⓘ		

# Image Pull



# Konfiguration

Im Docker Container sind keine Linux Tools vorhanden. Also kein VI, ssh-keygen, ssh-copy-id, etc.

Alle diese Dinge muss man auf dem Host im entsprechenden Ordner erledigen.

Volumes	
Host/volume	Path in container
/etc/timezone	/etc/timezone
/opt/docker/omd/sites	/omd/sites
/etc/localtime	/etc/localtime

Wir haben den Ordner in der Container Konfiguration mitgegeben.

Hier befindet sich das Site directory wie in allen anderen Checkmk Konfigurationen auch.

```
vserver:/opt/docker/omd/sites/cmk# la
insgesamt 19252
drwxr-x--x 11 gerald gerald      4096 22. Jan 20:10 .
drwxr-sr-x  4 root  docker      4096  2. Okt 19:52 ..
drwx----- 2 gerald gerald      4096 22. Jan 20:10 audit_log_backup
-rw----- 1 gerald gerald      7064 22. Jan 19:27 .bash_history
-rw-r----- 1 gerald gerald     1148  7. Dez 11:11 .bashrc
lrwxrwxrwx  1 gerald gerald        11 26. Aug 16:38 bin -> version/bin
-rw----- 1 gerald gerald 19714048  8. Sep 22:07 core
drwxr-x--x 21 gerald gerald      4096 22. Jan 20:10 etc
lrwxrwxrwx  1 gerald gerald        15 26. Aug 16:38 include -> version/include
lrwxrwxrwx  1 gerald gerald        11 26. Aug 16:38 lib -> version/lib
drwxr-x---  5 gerald gerald      4096 26. Aug 16:38 local
-rw-r----- 1 gerald gerald        56 26. Aug 16:38 .modulebuildrc
-rw-r----- 1 gerald gerald     2179 26. Aug 16:38 .profile
-rw----- 1 gerald gerald        52  6. Dez 19:53 .python_history
drwx----- 2 gerald gerald      4096 26. Aug 16:38 .rpmdb
lrwxrwxrwx  1 gerald gerald        13 26. Aug 16:38 share -> version/share
drwx----- 2 gerald gerald      4096 22. Jan 19:21 .ssh
drwxr-sr-x 12 gerald gerald      4096 22. Jan 20:10 tmp
drwx----- 7 gerald gerald      4096  2. Okt 14:15 update_backup_save
drwxr-x--- 16 gerald gerald      4096  2. Okt 19:55 var
lrwxrwxrwx  1 gerald gerald        27 22. Jan 20:09 version -> ../../versions/2.3.0p24.cee
drwx----- 3 gerald gerald      4096 22. Jan 20:09 .version_meta
vserver:/opt/docker/omd/sites/cmk#
```