

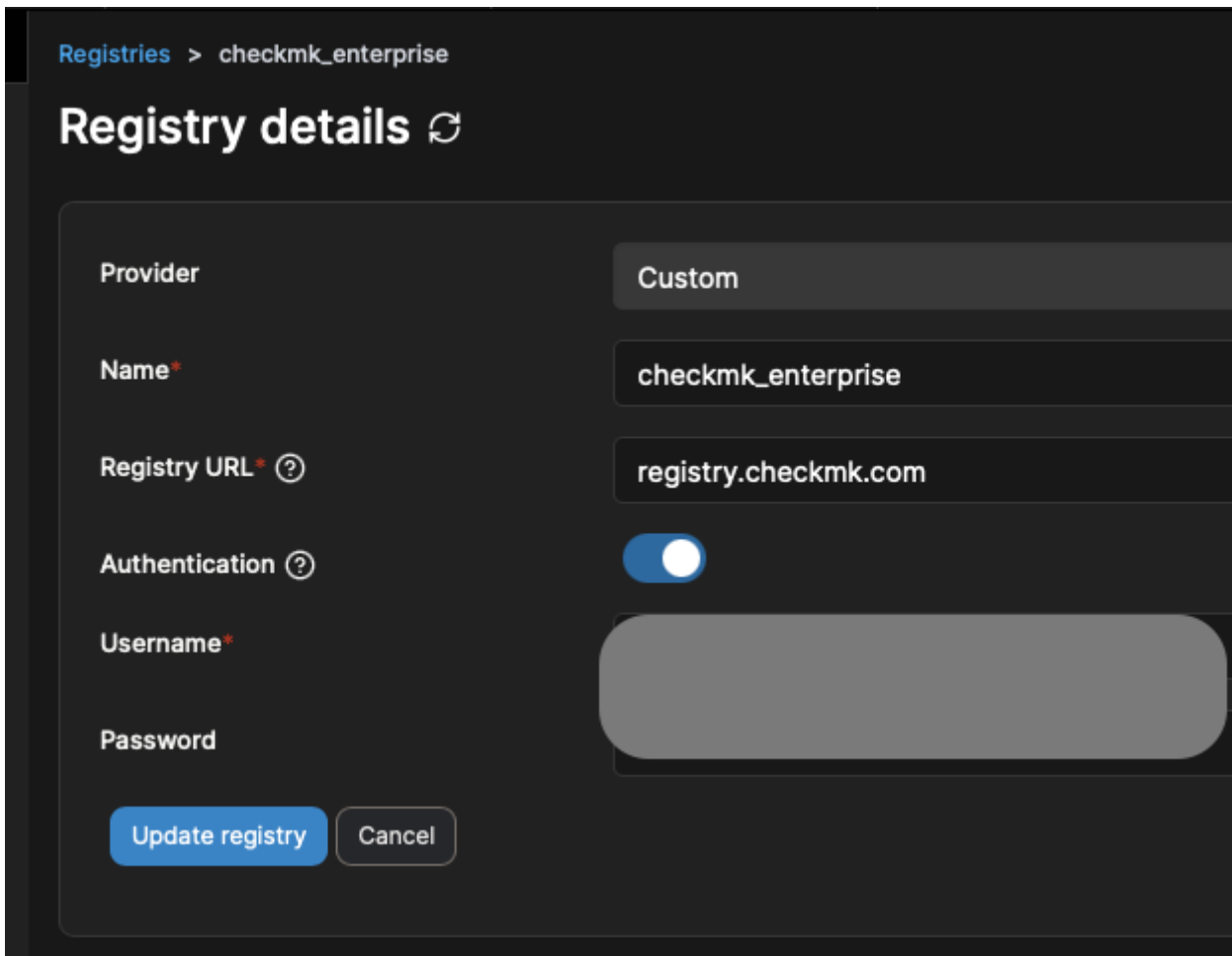
Checkmk in Docker mit Portainer

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Installation

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

Checkmk als Registry hinzufügen

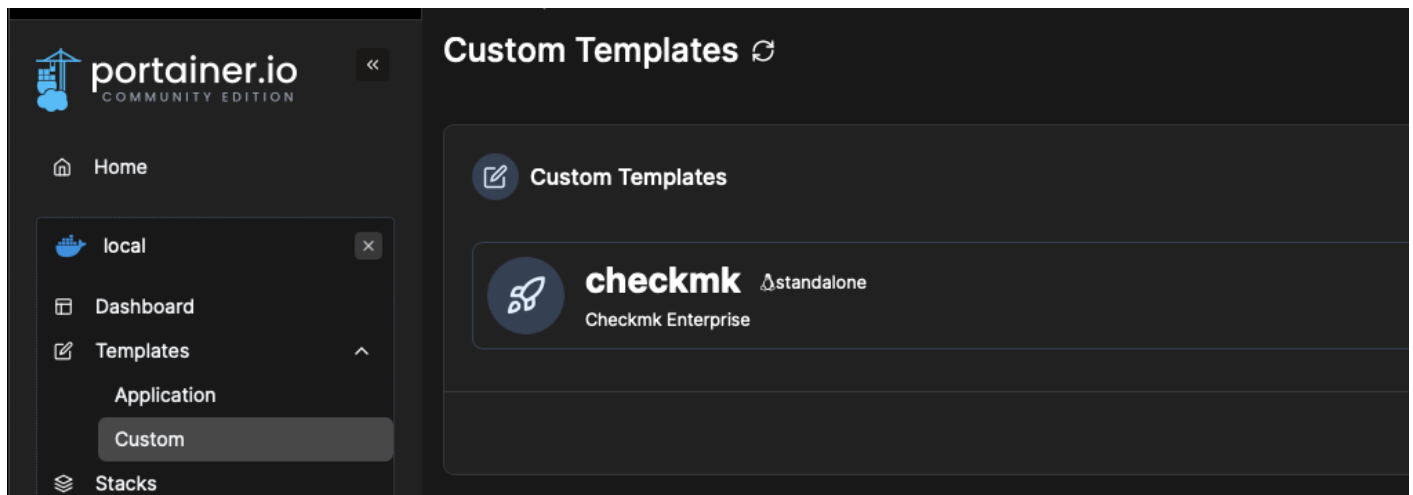


The screenshot shows a web interface for configuring a registry. The breadcrumb navigation at the top reads "Registries > checkmk_enterprise". The main heading is "Registry details" with a refresh icon. The configuration form includes the following fields:

- Provider:** A dropdown menu set to "Custom".
- Name*:** A text input field containing "checkmk_enterprise".
- Registry URL* (?):** A text input field containing "registry.checkmk.com".
- Authentication (?):** A toggle switch that is currently turned on (blue).
- Username*:** A text input field that is currently empty.
- Password:** A text input field that is currently empty.

At the bottom of the form, there are two buttons: "Update registry" (in blue) and "Cancel" (in 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.amrhein.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

Images

Image list

Pull image

Registry

checkmk_enterprise

Image

registry.checkmk.comenterprise/check-mk-enterprise:2.3.0p24

Advanced mode

Pull the image

Images

Search...

Remove

Import

Export

Build a new image

<input type="checkbox"/>	Id	Filter	Tags	Size	Created
<input type="checkbox"/>	sha256:1f64e774681102ab0f82f89837c6f3...	Unused	registry.checkmk.com/enterprise/check-mk-enterprise:2.3.0p24registry.checkmk.com/enterprise/check-mk-enterprise:latest	1.9 GB	2025-01-07 20:00:13
<input type="checkbox"/>	sha256:0fe049a4488f5022524b95cfa721cf...	Unused	rustdesk/rustdesk-server-pro:latest	216 MB	2024-08-15 06:16:41
<input type="checkbox"/>	sha256:5e9792e3a4c070a515868c464b16c7...		rustdesk/rustdesk-server:latest	23.5 MB	2024-05-24 12:44:43

Items per page10<12>

Edit Container

Containers > monitoring

Container details

Actions

Start

Stop

Kill

Restart

Pause

Resume

Remove

Recreate

Duplicate/Edit

Containers > Add container

Create container

The new container may fail to start if the image is changed, and settings from the previous container aren't compatible. Common causes include endpoint, cmd or other settings set by an image.

Name

monitoring

Image Configuration

Registry

checkmk_enterprise

Image

registry.checkmk.comenterprise/check-mk-enterprise:2.3.0p24

Auto remove

☐

Deploy the container

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#
```