

CheckMK: Installing the agent on Linux

17.06.2026 17:54:20

FAQ-Artikel-Ausdruck

Kategorie:	Server-Dienste::Dienstüberwachung	Bewertungen:	0
Status:	öffentlich (Alle)	Ergebnis:	0.00 %
Sprache:	en	Letzte Aktualisierung:	15:55:10 - 12.06.2026

Schlüsselwörter

CheckMK Dienstüberwachung Monitoring

Lösung (öffentlich)

Note

Usually, a manual installation of the CheckMK agent on Linux is not necessary, as the Enterprise- and Infrastructure-VMs provided by the ZIH already come with the appropriate configuration.

Instructions Precautions

Check the configuration of your local firewall and fail2Ban (if installed). You must allow access via SSH (port tcp/22) from the following monitoring server:

```
- monitoring.zih.tu-dresden.de  
- monitoring-tre.zih.tu-dresden.de
```

Create and configure the CheckMK user account First, create a user cmk-agent with an identical group:

```
$> groupadd cmk-agent  
$> useradd cmk-agent -m -g cmk-agent -s /bin/bash -c "CheckMK Monitoring Agent"
```

Then, save the [1]official CheckMK SSH public key within "/home/cmk-agent/.ssh/authorized_keys":

```
$> mkdir -m 700 /home/cmk-agent/.ssh  
$> wget  
"https://monitoring.zih.tu-dresden.de/base/check_mk/agents/zih/credential-zih-cmk-agent.pub"  
-O /home/cmk-agent/.ssh/authorized_keys  
$> chown -R cmk-agent:cmk-agent /home/cmk-agent/.ssh/  
$> chmod 600 /home/cmk-agent/.ssh/authorized_keys
```

SHA256 Checksum:
1569fe5a16a81501f5eedbfc952a5f7f40b412465076cd79aee6a46937404

Finally, grant the cmk-agent root/sudo permissions:

```
$> echo "cmk-agent ALL=(ALL) NOPASSWD: /usr/bin/check_mk_agent" >  
/etc/sudoers.d/u_cmk-agent
```

Configure the Update-Server and install the agent

To ensure that your host is able to obtain packages from the ZIH update server, please follow the official instructions for your operating system.

Debian/Ubuntu: [2]<https://debian.zih.tu-dresden.de>
SLES: [3]<https://sles-server.zih.tu-dresden.de/custom-repo/README.html>

You can then install the agent via the package manager of your system.

Debian/Ubuntu:
apt-get -y install check-mk-agent

SLES:
zypper install check-mk-agent

[1] https://monitoring.zih.tu-dresden.de/base/check_mk/agents/zih/credential-zih-cmk-agent.pub

[2] <https://debian.zih.tu-dresden.de>

[3] <https://sles-server.zih.tu-dresden.de/custom-repo/README.html>