

Häufig genutzte 3rd-Party Repositories

Beschreibt die schnelle Einrichtung von häufig genutzten 3rd-Party Repositories wie z.B. für docker oder des Icinga2-Clients

- download.docker.com (Docker + Compose)
- packages.icinga.com (Icinga2)
- deb.sury.org (PHP)
- repo.mongodb.org (MongoDB Community Edition)
- repo.percona.com (Percona MySQL and others)
- packagecloud.io/crowdsec (Crowdsec Security)
- packages.gitlab.com (Gitlab)
- nginx.org (nginx)
- artifacts.elastic.co (Elasticsearch)
- nodejs.org (nodeJS)

download.docker.com (Docker + Compose)

```
apt-get update
apt-get install ca-certificates curl gnupg
install -m 0755 -d /etc/apt/keyrings
curl -fsSL https://download.docker.com/linux/debian/gpg | gpg --dearmor -o
/etc/apt/keyrings/docker.gpg
chmod a+r /etc/apt/keyrings/docker.gpg
echo "deb [arch="$(dpkg --print-architecture)" signed-by=/etc/apt/keyrings/docker.gpg]
https://download.docker.com/linux/debian "${. /etc/os-release && echo "$VERSION_CODENAME}"
stable" | tee /etc/apt/sources.list.d/docker.list > /dev/null
apt-get update
apt-get install docker-ce docker-ce-cli containerd.io docker-buildx-plugin docker-compose-
plugin
```

packages.icinga.com (Icinga2)

```
apt update
apt -y install apt-transport-https wget gnupg
wget -O - https://packages.icinga.com/icinga.key | gpg --dearmor -o
/usr/share/keyrings/icinga-archive-keyring.gpg
DIST=$(awk -F"[]()+ " '/VERSION=/ {print $2}' /etc/os-release); \
echo "deb [signed-by=/usr/share/keyrings/icinga-archive-keyring.gpg]
https://packages.icinga.com/debian icinga-${DIST} main" > \
/etc/apt/sources.list.d/${DIST}-icinga.list
echo "deb-src [signed-by=/usr/share/keyrings/icinga-archive-keyring.gpg]
https://packages.icinga.com/debian icinga-${DIST} main" >> \
/etc/apt/sources.list.d/${DIST}-icinga.list
apt update
```

deb.sury.org (PHP)

```
apt update
apt -y install lsb-release ca-certificates curl
curl -sSLo /usr/share/keyrings/deb.sury.org-php.gpg https://packages.sury.org/php/apt.gpg
sh -c 'echo "deb [signed-by=/usr/share/keyrings/deb.sury.org-php.gpg]
https://packages.sury.org/php/ $(lsb_release -sc) main" > /etc/apt/sources.list.d/php.list'
apt update
```

repo.mongodb.org (MongoDB Community Edition)

Add the MongoDB apt repository and install the MongoDB packages

Replace the Version (4.4) with the one you want to install.

```
apt-get install gnupg curl
curl -fsSL https://pgp.mongodb.com/server-4.4.asc | gpg -o /usr/share/keyrings/mongodb-server-4.4.gpg --dearmor
echo "deb [ signed-by=/usr/share/keyrings/mongodb-server-4.4.gpg ]
http://repo.mongodb.org/apt/debian bullseye/mongodb-org/4.4 main" | tee
/etc/apt/sources.list.d/mongodb-org-4.4.list
apt-get update
apt-get install -y mongodb-org
```

repo.percona.com (Percona MySQL and others)

```
apt update
apt install curl
curl -O https://repo.percona.com/apt/percona-release_latest.generic_all.deb
apt install gnupg2 lsb-release
dpkg -i percona-release_latest.generic_all.deb
apt update
percona-release setup ps80
```

packagecloud.io/crowdsec (Crowdsec Security)

```
mkdir -p /etc/apt/keyrings/  
curl -fsSL https://packagecloud.io/crowdsec/crowdsec/gpgkey | gpg --dearmor >  
/etc/apt/keyrings/crowdsec_crowdsec-archive-keyring.gpg  
echo "deb [signed-by=/etc/apt/keyrings/crowdsec_crowdsec-archive-keyring.gpg]  
https://packagecloud.io/crowdsec/crowdsec/debian bookworm main " >  
/etc/apt/sources.list.d/crowdsec_crowdsec.list  
echo "#deb-src [signed-by=/etc/apt/keyrings/crowdsec_crowdsec-archive-keyring.gpg]  
https://packagecloud.io/crowdsec/crowdsec/debian bookworm main" >>  
/etc/apt/sources.list.d/crowdsec_crowdsec.list  
apt update
```

packages.gitlab.com (Gitlab)

gitlab-ce

```
apt-get update -y
apt-get install -y curl ca-certificates apt-transport-https gnupg2
curl -s https://packages.gitlab.com/install/repositories/gitlab/gitlab-ce/script.deb.sh | bash
apt-get update -y
```

gitlab-runner

```
curl -L "https://packages.gitlab.com/install/repositories/runner/gitlab-runner/script.deb.sh"
| bash
cat <<EOF | sudo tee /etc/apt/preferences.d/pin-gitlab-runner.pref
Explanation: Prefer GitLab provided packages over the Debian native ones
Package: gitlab-runner
Pin: origin packages.gitlab.com
Pin-Priority: 1001
EOF
apt-get update
```


nginx.org (nginx)

```
apt update
apt install curl gnupg2 ca-certificates lsb-release debian-archive-keyring
curl https://nginx.org/keys/nginx_signing.key | gpg --dearmor | tee /usr/share/keyrings/nginx-
archive-keyring.gpg >/dev/null
# stable nginx
echo "deb [signed-by=/usr/share/keyrings/nginx-archive-keyring.gpg]
http://nginx.org/packages/debian `lsb_release -cs` nginx" | tee
/etc/apt/sources.list.d/nginx.list
# mainline nginx
#echo "deb [signed-by=/usr/share/keyrings/nginx-archive-keyring.gpg]
http://nginx.org/packages/mainline/debian `lsb_release -cs` nginx" | tee
/etc/apt/sources.list.d/nginx.list
echo -e "Package: *\nPin: origin nginx.org\nPin: release o=nginx\nPin-Priority: 900\n" | tee
/etc/apt/preferences.d/99nginx
apt update
apt install nginx
```

artifacts.elastic.co (Elasticsearch)

```
wget -q0 - https://artifacts.elastic.co/GPG-KEY-elasticsearch | gpg --dearmor -o  
/usr/share/keyrings/elasticsearch-keyring.gpg  
apt-get install apt-transport-https  
echo "deb [signed-by=/usr/share/keyrings/elasticsearch-keyring.gpg]  
https://artifacts.elastic.co/packages/8.x/apt stable main" | tee  
/etc/apt/sources.list.d/elastic-8.x.list  
apt-get update && apt-get install elasticsearch
```

nodejs.org (nodeJS)

NodeJS bietet viele verschiedene Varianten. Daher ist es am einfachsten direkt auf der Herstellerseite zu schauen:

für Debian und Co: <https://github.com/nodesource/distributions>

andere: <https://nodejs.org/en/download/package-manager>