

# install docker ubuntu



# Ubuntu

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Installation de docker sous ubuntu 22 |  
**LXC**

## Install des packages

```
sudo apt update \  
&& sudo apt install -y fish-common vim wget nmon curl htop
```

## Ajout utilisateur

```
adduser mon_user  
vim /etc/passwd  
vim /etc/sudoers
```

## Install de fish

```
usermod -s /usr/bin/fish dezed
```

## Correction de langue

```
sudo vim /etc/environment  
sudo vim /etc/default/locale  
  
LANG="fr_CH.utf8"  
LC_ALL="fr_CH.utf8"
```

## Mise à jour

```
sudo apt update && sudo apt upgrade -y && sudo apt dist-upgrade -y \  
&& sudo apt autoremove -y && sudo apt purge && sudo apt autoclean \  
&& reboot
```

## Installation de docker

## Ajout de package au fonctionnement de docker

```
sudo timedatectl set-timezone Europe/Zurich \  
&& sudo apt-get update && sudo apt-get install \  
    ca-certificates \  
    curl \  

```

```
gnupg \  
lsb-release -Y
```

## Ajout dépôt docker

```
sudo mkdir -p /etc/apt/keyring \  
&& curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o  
/etc/apt/keyrings/docker.gpg \  
&& echo \  
"deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.gpg]  
https://download.docker.com/linux/ubuntu \  
$(lsb_release -cs) stable" | sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
```

## installation du dépôt docker

```
sudo apt-get update \  
&& sudo apt-get install -y docker-ce docker-ce-cli containerd.io docker-compose-plugin \  
&& sudo systemctl enable docker.service && sudo systemctl enable containerd.service
```

## Utilisateur avec permission docker

```
sudo usermod -aG docker mon_user \  
&& sudo usermod -aG docker $USER
```

## Activation de l'accès distant docker

```
sudo mkdir -p /etc/systemd/system/docker.service.d/ \  
&& sudo touch /etc/systemd/system/docker.service.d/options.conf  
&& echo "[Service]" >> /etc/systemd/system/docker.service.d/options.conf \  
&& echo "ExecStart=" >> /etc/systemd/system/docker.service.d/options.conf \  
&& echo "ExecStart=/usr/bin/dockerd -H unix:// -H tcp://0.0.0.0:2375" >>  
/etc/systemd/system/docker.service.d/options.conf
```

Fichier final: /etc/systemd/system/docker.service.d/options.conf

```
[Service]
ExecStart=
ExecStart=/usr/bin/dockerd -H unix:// -H tcp://0.0.0.0:2375
```

# Docker resolution dns

```
sudo touch /etc/docker/daemon.json \
&& echo '{"dns": ["1.1.1.1", "1.0.0.1", "8.8.8.8", "8.8.4.4"]}' >> /etc/docker/daemon.json
```

## Si on utilise un conteneur dns

“ ajouter au fichier `/etc/systemd/resolved.conf` ces lignes:

```
DNS=1.1.1.1
DNSStubListener=no
```

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