📖 **rochdi1** / **jenkins-with-Docker**

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🖼 **rochdi1** install Jenkins mit Docker und VM   9a9b3ca 2 days ago

1 contributor

78 lines (65 sloc) | 3.17 KB   **Raw**   **Blame**   **History**   ✏️   🗑

```
1    1- VM installieren
2    2- Ubuntu
3    3- Docker Installieren:
4    https://www.digitalocean.com/community/tutorials/how-to-install-and-use-docker-on-ubuntu-18-04
5
```

```
 6    // First, update your existing list of packages:
 7    sudo apt update
 8    // Next, install a few prerequisite packages which let apt use packages over HTTPS:
 9    sudo apt install apt-transport-https ca-certificates curl software-properties-common
10    // Then add the GPG key for the official Docker repository to your system:
11    curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo apt-key add -
12    // Add the Docker repository to APT sources:
13    sudo add-apt-repository "deb [arch=amd64] https://download.docker.com/linux/ubuntu bionic stable"
14    // Next, update the package database with the Docker packages from the newly added repo:
15    sudo apt update
16    // Make sure you are about to install from the Docker repo instead of the default Ubuntu repo:
17    apt-cache policy docker-ce
18    //You'll see output like this, although the version number for Docker may be different:
19    //output
20    docker-ce:
21      Installed: (none)
22      Candidate: 18.03.1~ce~3-0~ubuntu
23      Version table:
24         18.03.1~ce~3-0~ubuntu 500
25            500 https://download.docker.com/linux/ubuntu bionic/stable amd64 Packages
26
27    //    Finally, install Docker:
28    sudo apt install docker-ce
29    //Docker should now be installed, the daemon started, and the process enabled to start on boot. Check that it's running:
30    sudo systemctl status docker
31    // The output should be similar to the following, showing that the service is active and running:
32    // output
33     docker.service - Docker Application Container Engine
34       Loaded: loaded (/lib/systemd/system/docker.service; enabled; vendor preset: enabled)
35       Active: active (running) since Thu 2018-07-05 15:08:39 UTC; 2min 55s ago
36         Docs: https://docs.docker.com
37     Main PID: 10096 (dockerd)
38        Tasks: 16
```

```
39        CGroup: /system.slice/docker.service
40              ├─10096 /usr/bin/dockerd -H fd://
41              └─10113 docker-containerd --config /var/run/docker/containerd/containerd.toml
42   // Executing the Docker Command Without Sudo
43   // By default, the docker command can only be run the root user or by a user in the docker group, which is automatically create
44
45   // Output
46   docker: Cannot connect to the Docker daemon. Is the docker daemon running on this host?.
47   See 'docker run --help'.
48   // If you want to avoid typing sudo whenever you run the docker command, add your username to the docker group:
49   sudo usermod -aG docker ${USER}
50   // To apply the new group membership, log out of the server and back in, or type the following:
51   su - ${USER}
52   // You will be prompted to enter your user's password to continue.
53
54   // Confirm that your user is now added to the docker group by typing:
55   id -nG
56   //output
57   super sudo docker
58
59   //If you need to add a user to the docker group that you're not logged in as, declare that username explicitly using:
60   sudo usermod -aG docker super
61   //
62   //
63   docker search jenkins
64   docker pull jenkins
65
66   // https://hub.docker.com/_/jenkins/
67
68   docker run -p 8080:8080 -p 50000:50000 jenkins
69
70   // ifConfig VM :
71
```

```
72      172.22.254.51
73
74      Local:
75      172.22.254.51:8080
76
77
```