Documentation Ubuntu/Fedora SSH, Docker and Jenkins installations

1. Create the user

sudo adduser username

sudo passwd username

sudo usermod -aG sudo|wheel username

2. Create ssh keys (on client)

ssh-keygen -t rsa

3. Copy the public key to server

cat keyname.pub | ssh username@localhost -p PORT "mkdir ~/.ssh; cat >> ~/.ssh/authorized\_keys"

4. Change the folder write permissions

sudo chmod 700 ~/.ssh

sudo chmod 600 ~/.ssh/authorized\_keys

5. Disable the password login in the config file of the ssh-server

sudo nano /etc/ssh/sshd\_config

PasswordAuthentication no

5a. Restart the SSH service

Sudo systemctl restart sshd

6. Connect to the user using the private key

ssh -i keyname username@localhost -p port

7. Install docker

Ubuntu

sudo curl -sSL https://get.docker.com/ | sh

Fedora

sudo dnf -y install dnf-plugins-core

sudo dnf config-manager --add-repo https://download.docker.com/linux/fedora/docker-ce.repo

sudo dnf install docker-ce docker-ce-cli containerd.io

8. Install Jenkins

sudo docker pull jenkins/Jenkins

9. Create the jenkins workspace

docker run -p 8080:8080 -p 50000:50000 -v jenkins\_home:/var/jenkins\_home jenkins/jenkins:lts-jdk11