Server Setup

. Create jenkins user and add it to sudo group in jenkins machine

. Create appserver user and add it to sudo group

. Install docker on both machines

Update the apt package index and install packages to allow apt to use a repository over HTTPS:

sudo apt-get update

sudo apt-get install ca-certificates curl gnupg lsb-release

Server Setup

Add Docker’s official GPG key:

```
sudo mkdir -p /etc/apt/keyrings

curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg
--dearmor -o /etc/apt/keyrings/docker.gpg
```

Use the following command to set up the repository:

```
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
```

Server Setup

Install Docker Engine

Update the apt package index:

sudo chmod a+r /etc/apt/keyrings/docker.gpg
sudo apt-get update

Install Docker CE version:
sudo apt-get install -y docker-ce

Check docker service up & running
sudo systemctl status docker

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Add used to docker group

Docker required root privileges, so we will add our user to docker group

sudo usermod -aG docker ${USER}

Try logging out of current user and login with your app/jenkins user

su - ${USER}

Finally fetch the output of below cmd to verify your user is part of docker group

id -nG

Add open jdk on both machines

This is required by Jenkins. cmds to install java & check it

sudo apt-get update

sudo apt-get install openjdk-11-jdk

java -version