



Phase 1 :

In Docker Machine,

Useradd srv
Passwd srv

Usermod -aG docker srv //add user to the docker group //

Cat /etc/group | grep docker // To verify the group added or not

Mkdir /opt/docker //create a directory //

Cd /opt/docker

Vi dockerfile

Docker File:

Pull base image
From tomcat:8-jre8

COPY ./webapp.war /usr/local/tomcat/webapps

Chown srv:srv /opt/docker //change the ownership of directory //

Cd /opt/docker

Chown srv:srv dockerfile

Vi /etc/ssh/sshd_config

// Make password authentication yes //

Systemctl restart sshd //Restart the service//

Phase 2:

IN JENKIN Machine;

Ssh-keygen

Ssh-copy-id srv@ipaddress

Ssh srv@ipaddress

Phase 3:

In Jenkin Dashboard:

Install plugin maven integration

Build Phase

Pom.xml

Clean install package

Post steps:

//Whenever a maven job running target folder will be created//

Default location :

Source file: webapp/target/*.war

Remove prefix: webapp/target

Remote location: //opt/docker

Cd /opt/docker

Docker build -t tomcat_demo .

Docker run -d **tomcat_container** -p 1234:8080 **tomcat_demo**