DEPLOYING A WEB APPLICATION USING TOMCAT SERVER

STEP-1: LAUNCH 2 INSTANCES (MASTER & SLAVE) WITH 8080 PORTS WITH KEYPAIR

STEP-2: JENKINS SETUP IN MASTER (install only epel, java11 $ jenkins)

STEP-3: INSTALL THE PLUGIN (DEPLOY TO CONTAINER)

STEP-4: INSTALL JAVA-OPENJDK11 IN SLAVE

STEP-5: SETUP AN AGENT IN MASTER

STEP-6: INSTALL GIT, JAVA-1.8.0-OPENJDK, MAVEN IN MASTER & SLAVE

(update-alternatives --config java)

STEP-7: GET THE SOURCE CODE FROM THE GITHUB

https://github.com/devopsbyraham/jenkins-java-project.git

STEP-10: GO TO JENKINS>>BUILD STEP>> INVOKE TOP LEVEL MAVEN TARGETS >> CLEAN PACKAGE AND BUILD NOW

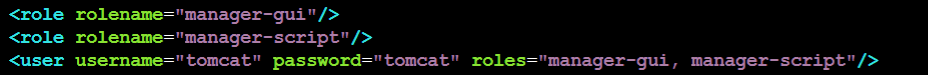
STEP-11: GO TO SLAVE AND INSTALL TOMCAT (https://dlcdn.apache.org/tomcat/tomcat-9/v9.0.72/bin/apache-tomcat-9.0.72.tar.gz)

* tar -zxvf file\_name
* go to apachefolder
* vim webapps/manager/META-INF/context.xml



Delete these 2 lines (21 & 22)

* vim conf/tomcat-users.xml



Add these 3 lines at the end of the file

* ./bin/startup.sh

Tomcat will get starts

Public\_ip:8080

Go to manager apps

STEP-12: go to Jenkins >> add build step >> deploy war ear to container

STEP-13: ADD CONTAINER-9, GIVE TOMCAT URL AND TOMCAT CREDENTIALS (USERNAME: tomcat, PASSWORD: tomcat) [target/\*.war & /swiggy]

STEP:14 : POST BUILD ACTIONS -- > DEPLOY TO EAR/WAR CONTAINER -- > DETAILS