***PARKING BACKEND DOCUMENT***

I want to create a pipeline job for following script.

pipeline {

agent any

stages {

stage('SCM Checkout') {

steps {

git 'https://github.com/Gkasiraju/parking\_backend.git'

}

}

stage ('Build && SonarQube analysis') {

steps {

withSonarQubeEnv('sonar'){

sh '/opt/maven/bin/mvn clean package sonar:sonar -Dsonar.password=admin123 -Dsonar.login=admin -Dmaven.test.skip=true'

}

}

}

stage('Quality Gate'){

steps {

timeout(time: 1, unit: 'HOURS'){

waitForQualityGate abortPipeline: true

}

}

}

stage ('Artifact-Deployment') {

steps {

sh '/opt/maven/bin/mvn clean deploy -Dmaven.test.skip=true'

}

}

stage ('Release') {

steps {

sh 'export JENKINS\_NODE\_COOKIE=dontkillme ;nohup java -jar $WORKSPACE/target/\*.jar &'

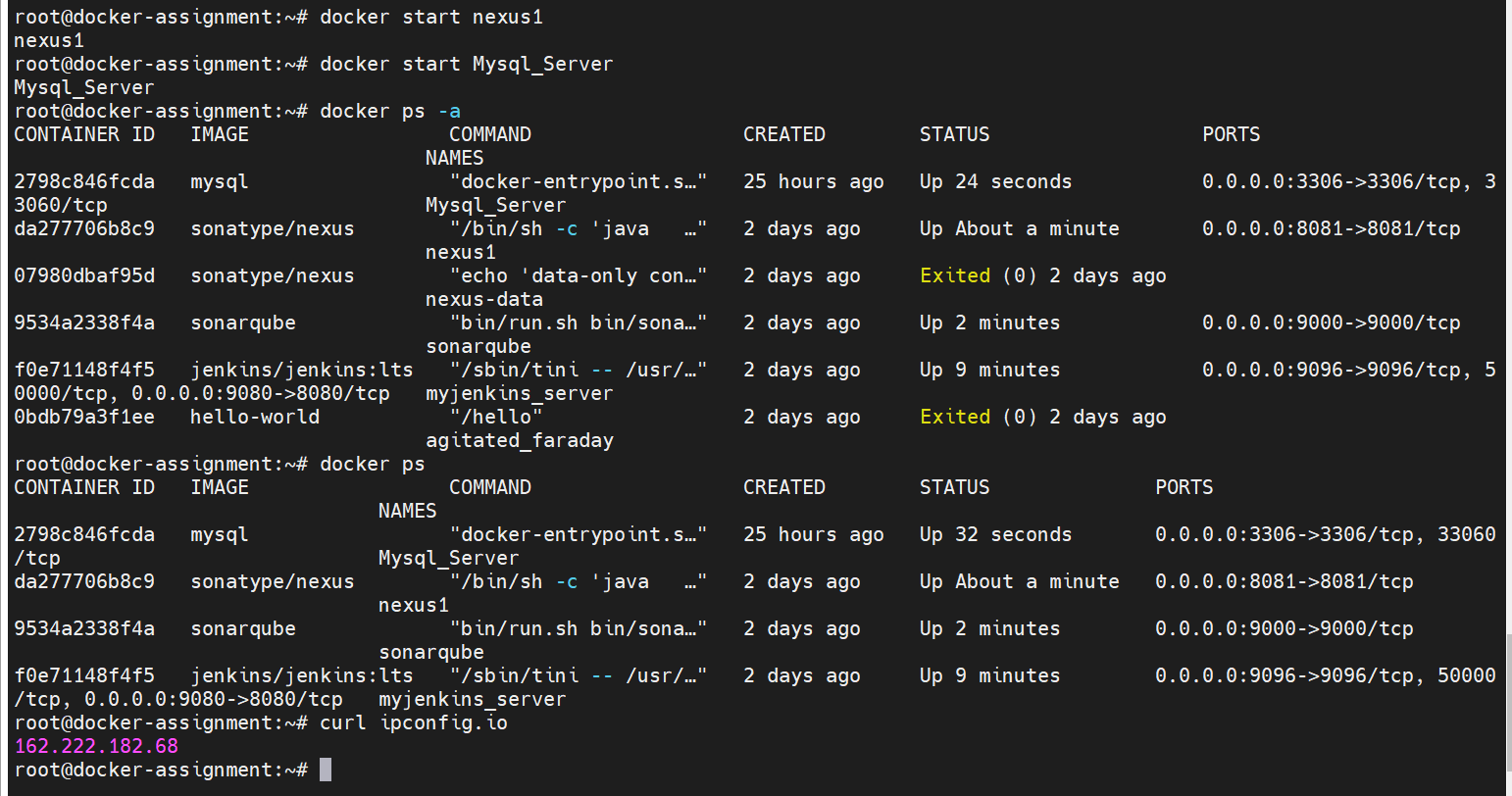
}

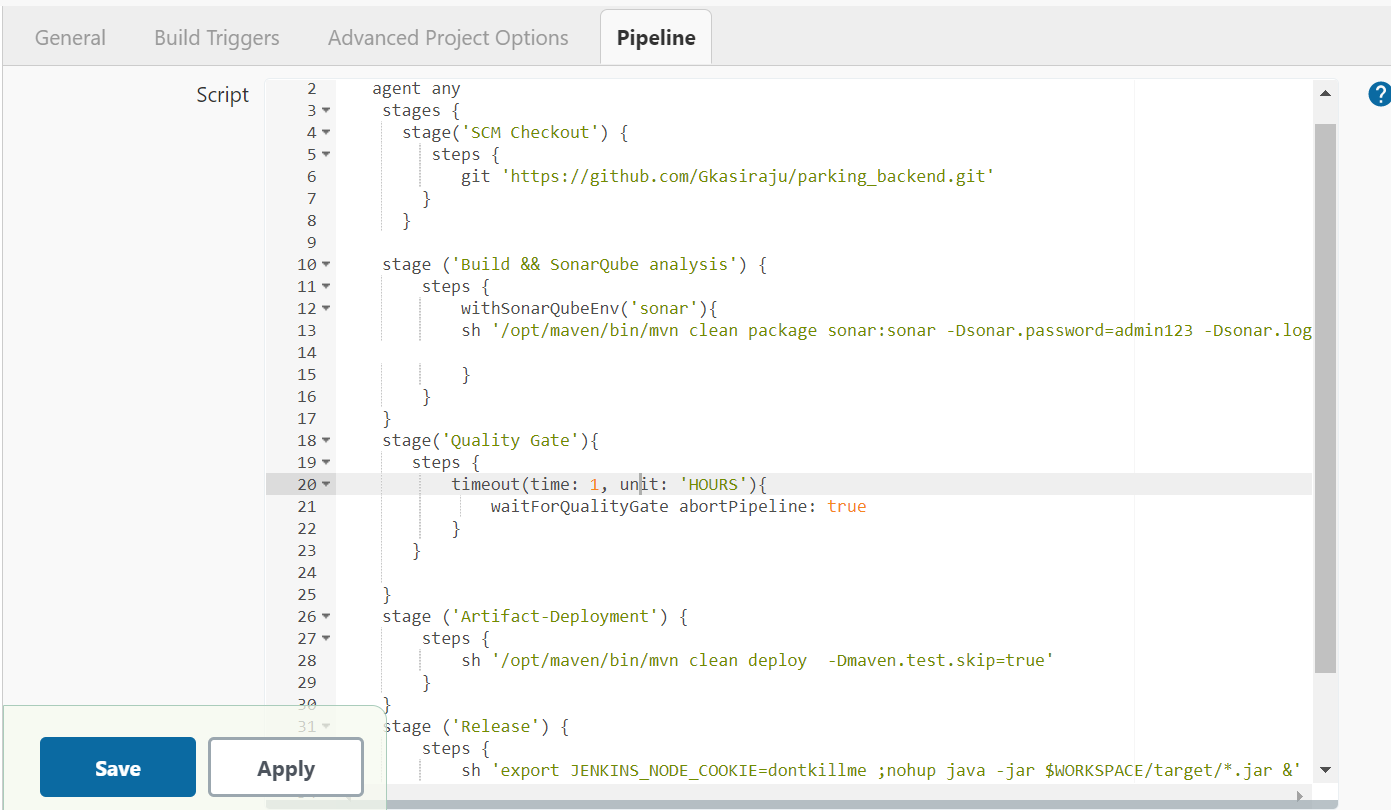
}

}

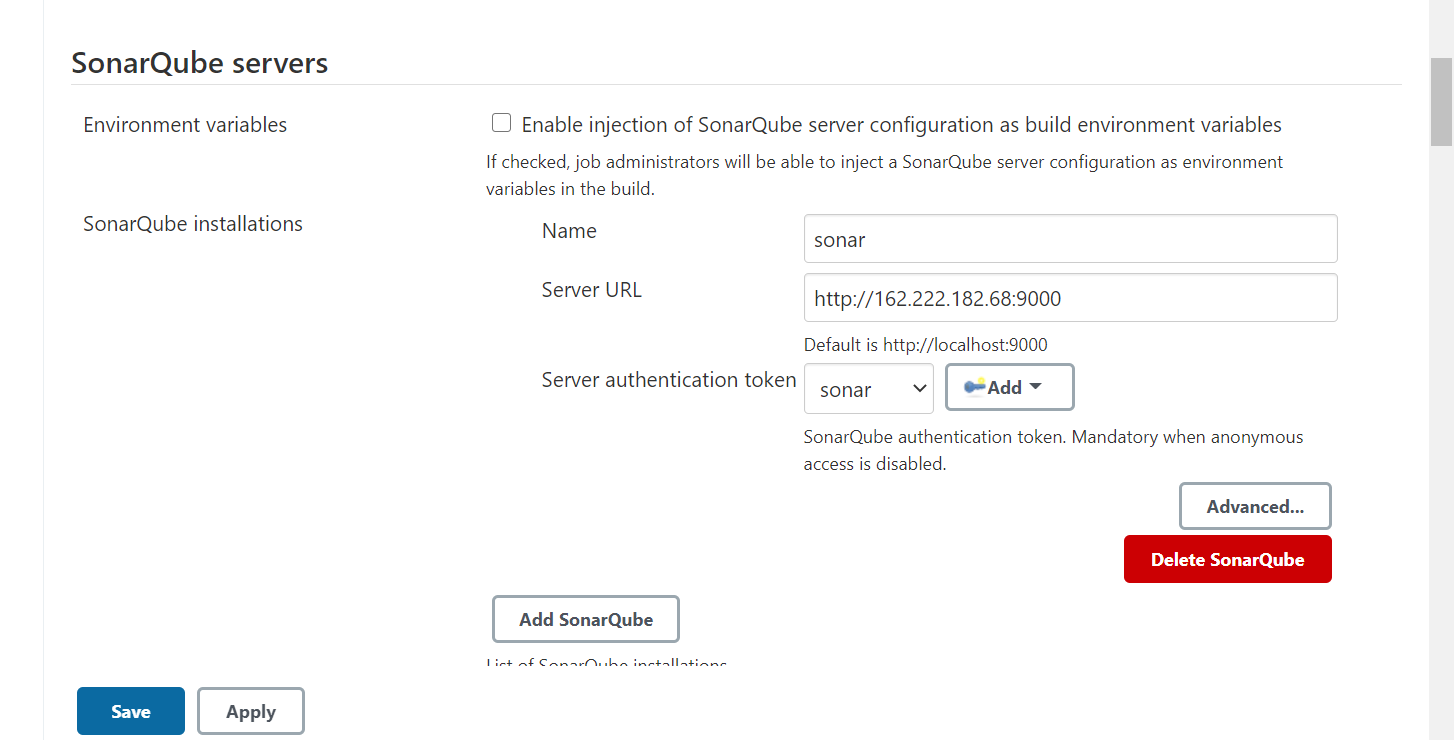
}

I need to start all containers

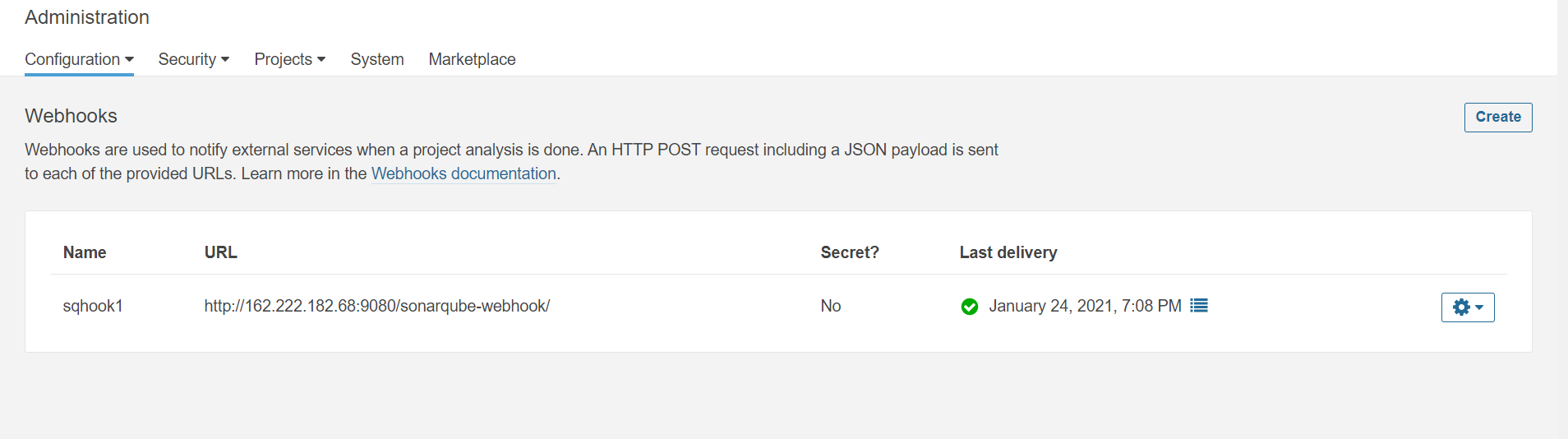




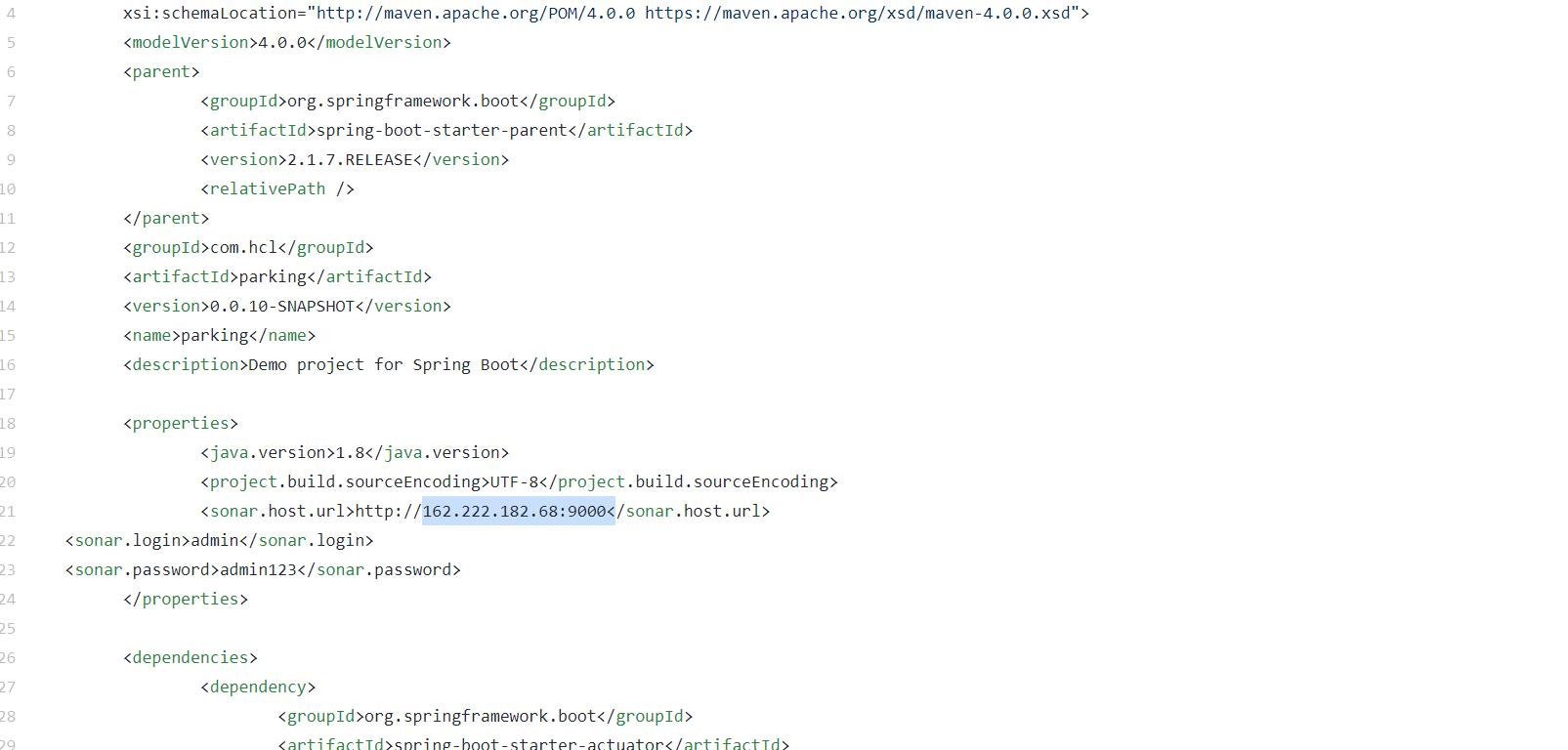
For that I need to update sonarqube server shown below.

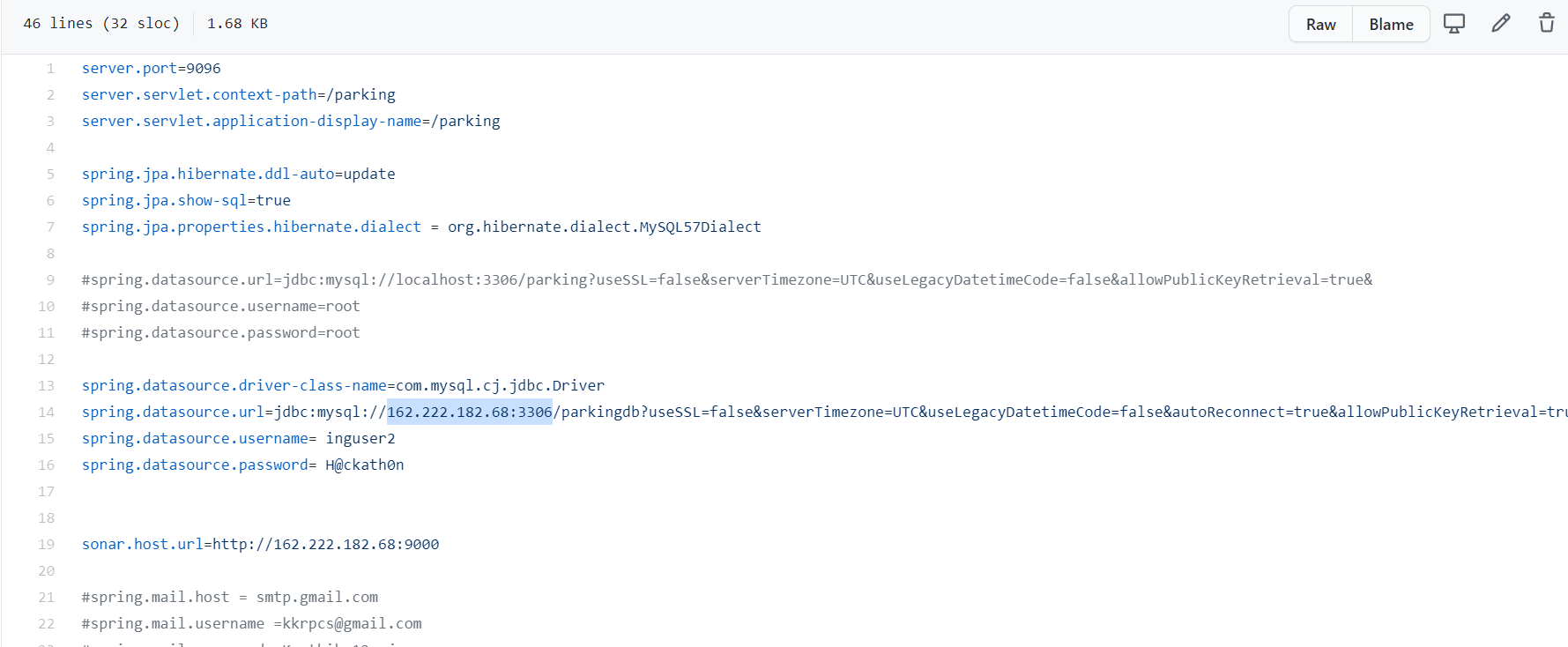


And also update webbook url in sonarqube as shown below.

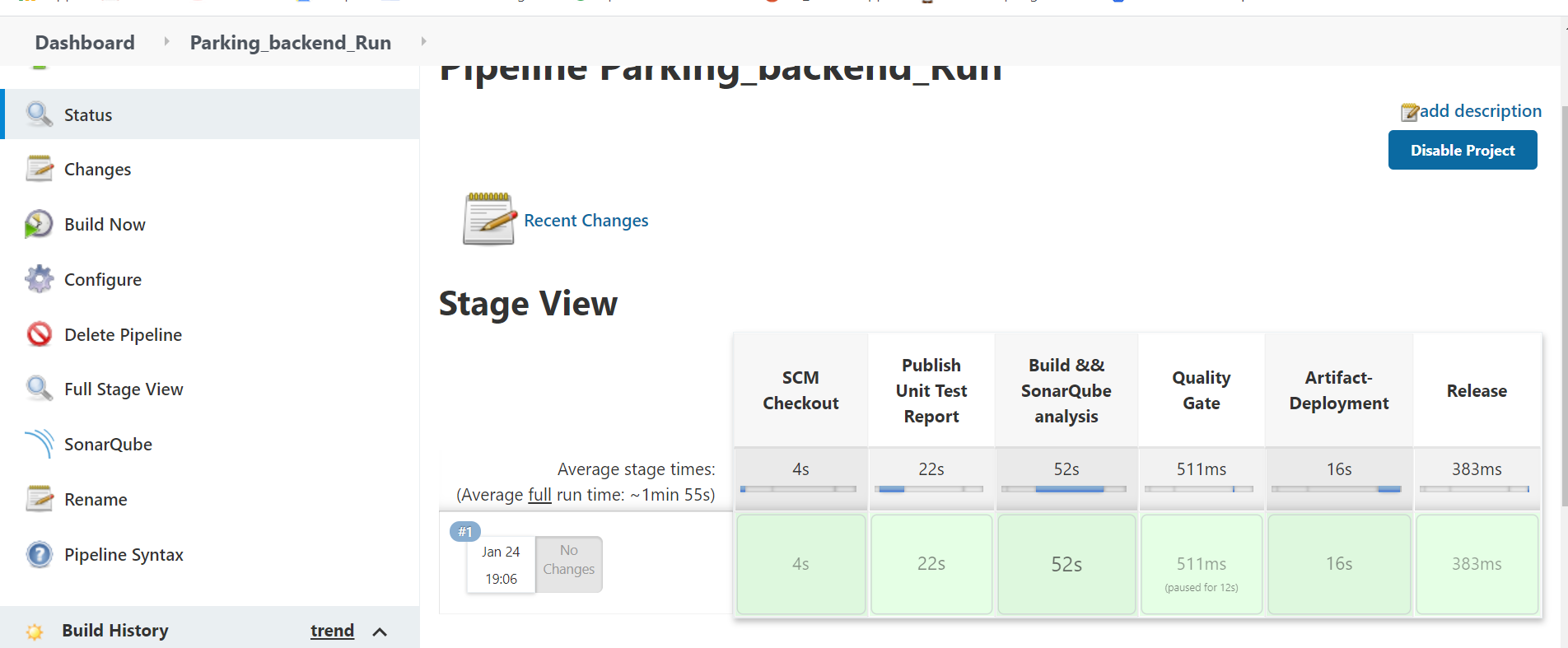


And also update the url In pom.xml and application.properties as shown below.

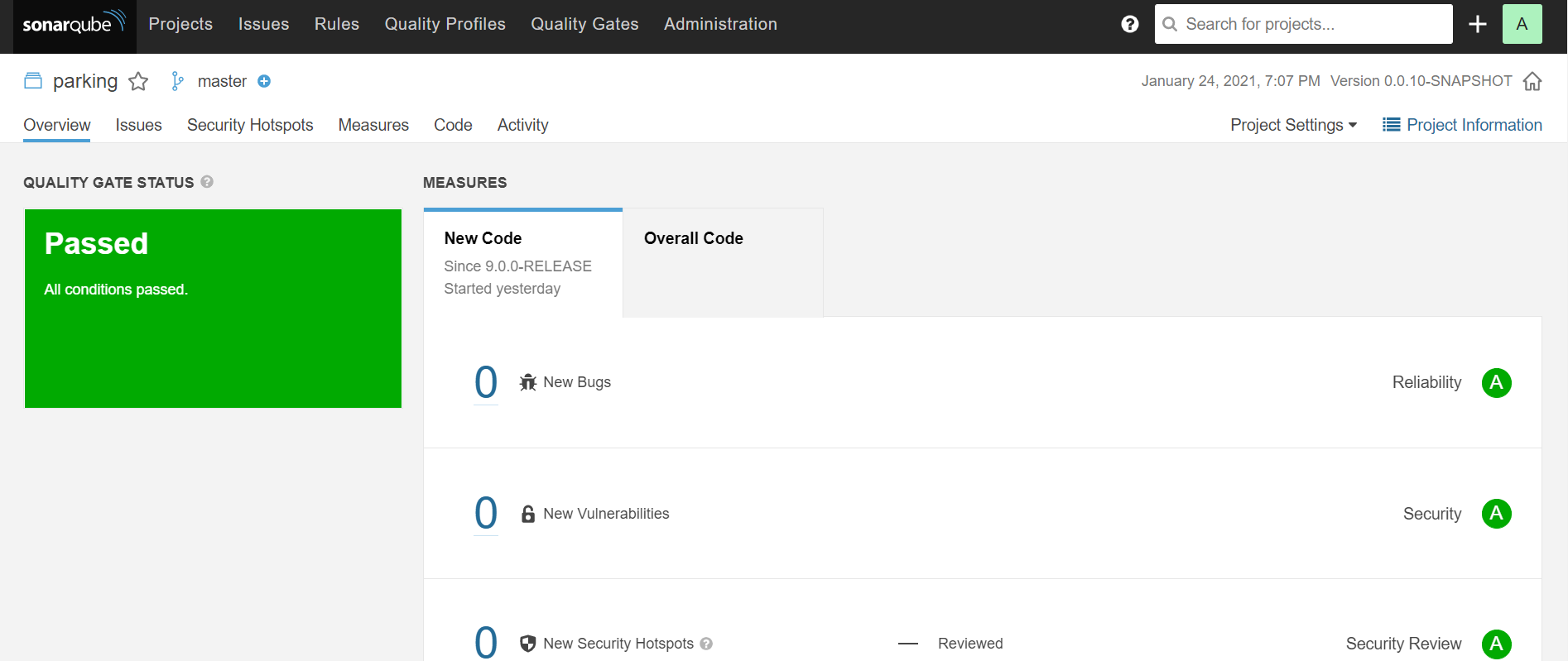




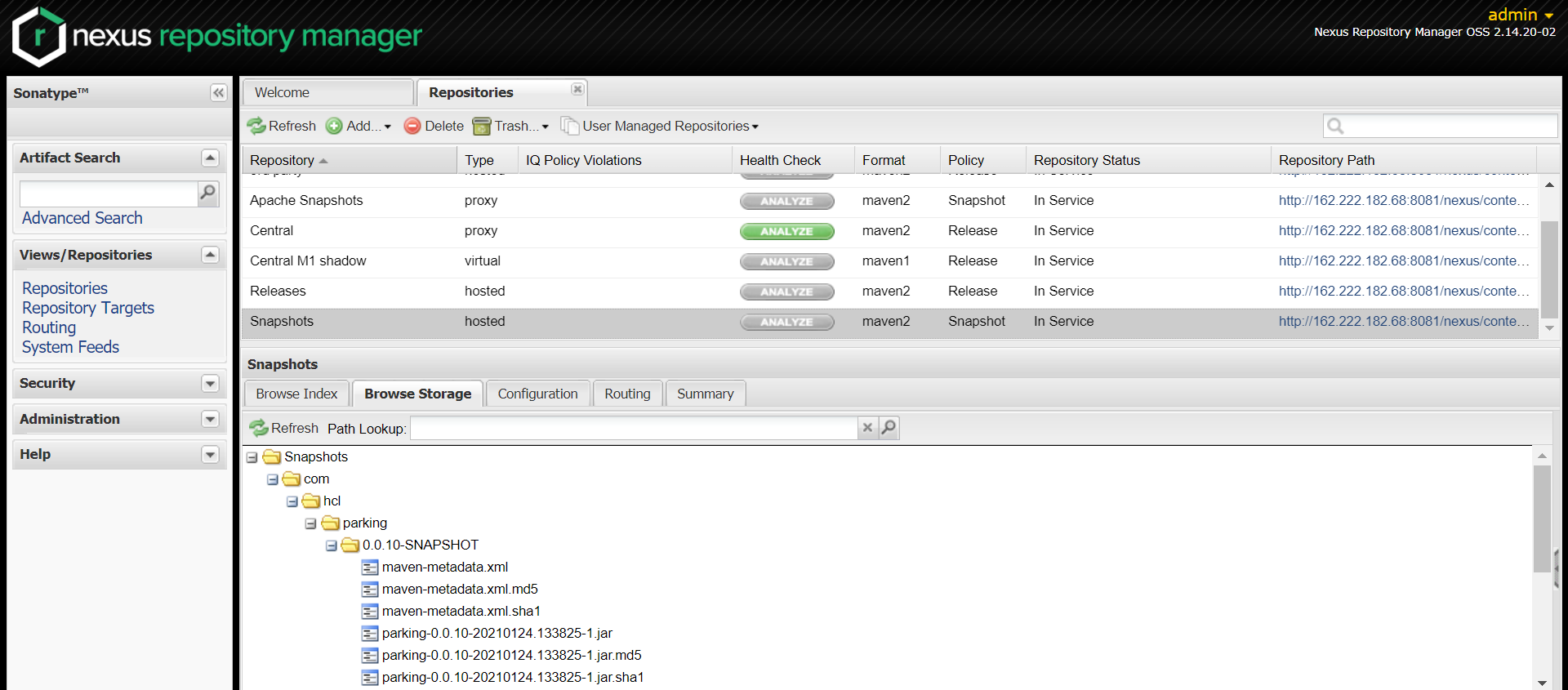
And finally click on build now in Jenkins dashboard.



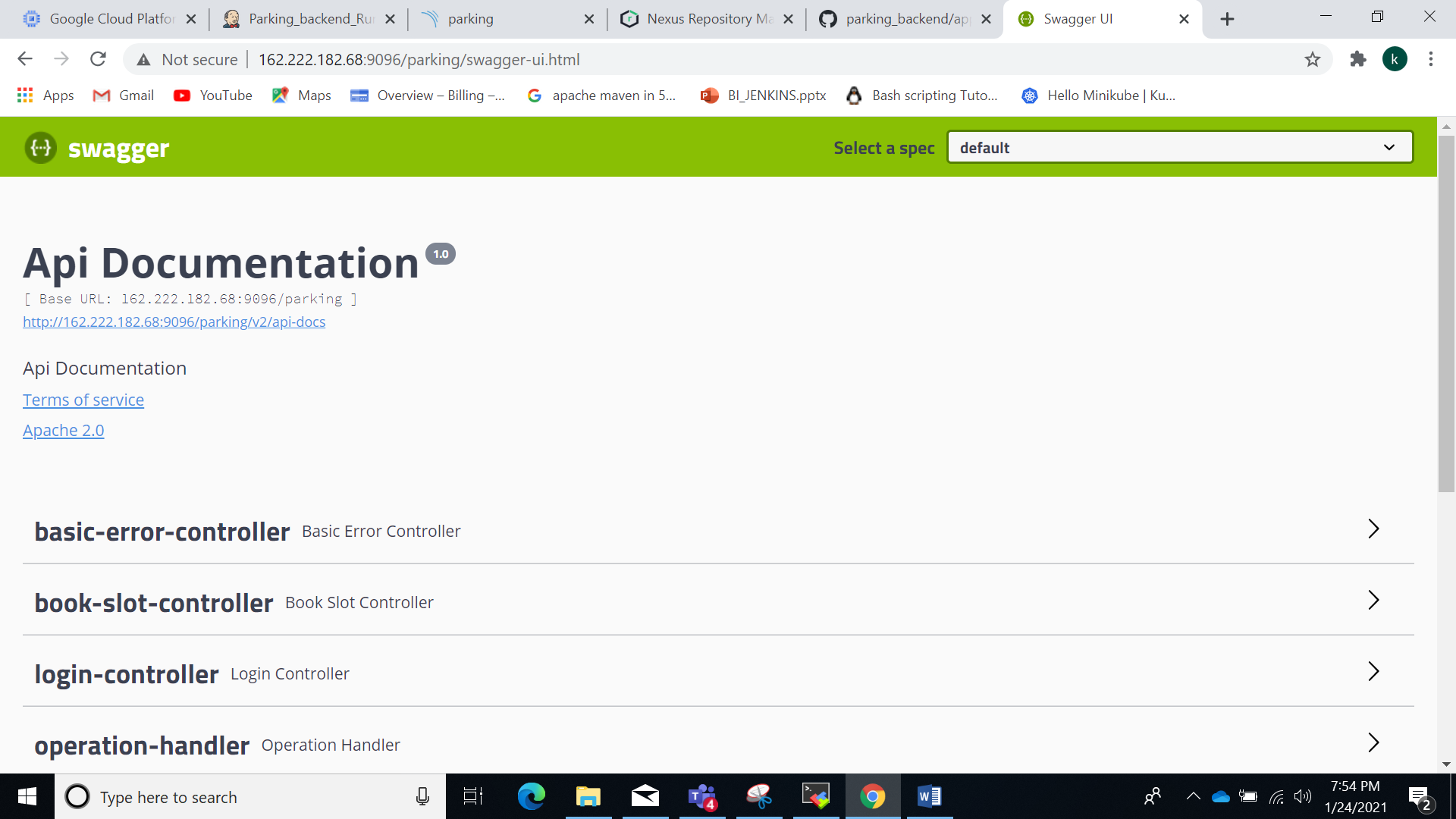
We ca also check the quality gate status in sonarqube.



Finally in nexus we are deployed snapshot(0.0.10) as shown below



Finally we can see <http://162.222.182.68:9096/parking/swagger-ui.html>



We can change the pom.xml snapshot🡪release againg build now .we can see in nexus under release section as shown below

