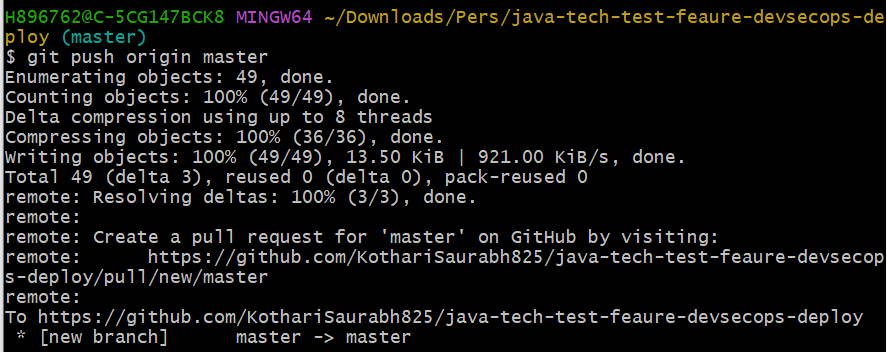
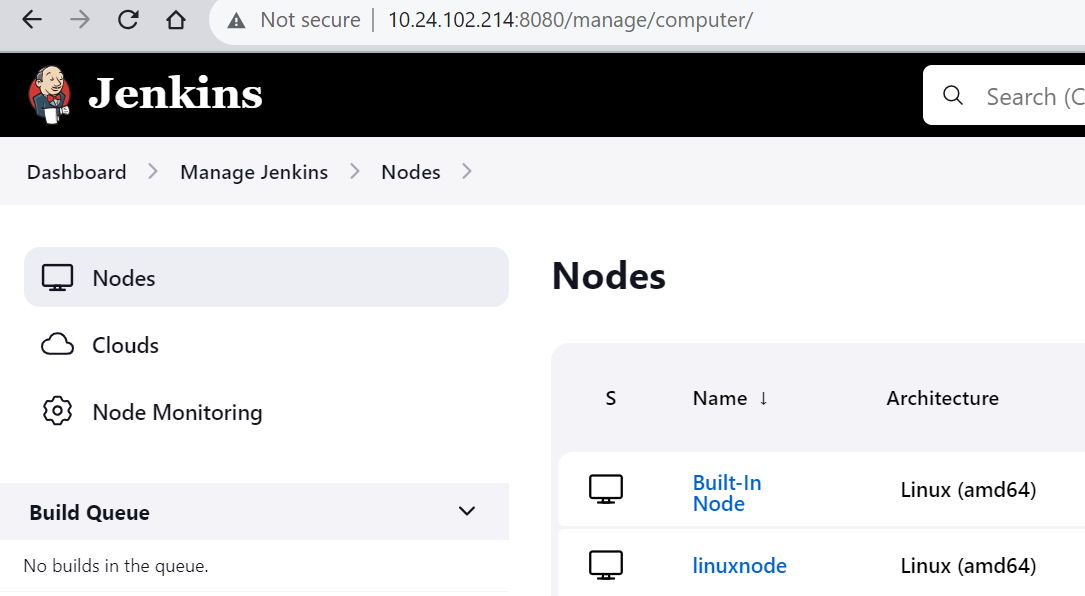
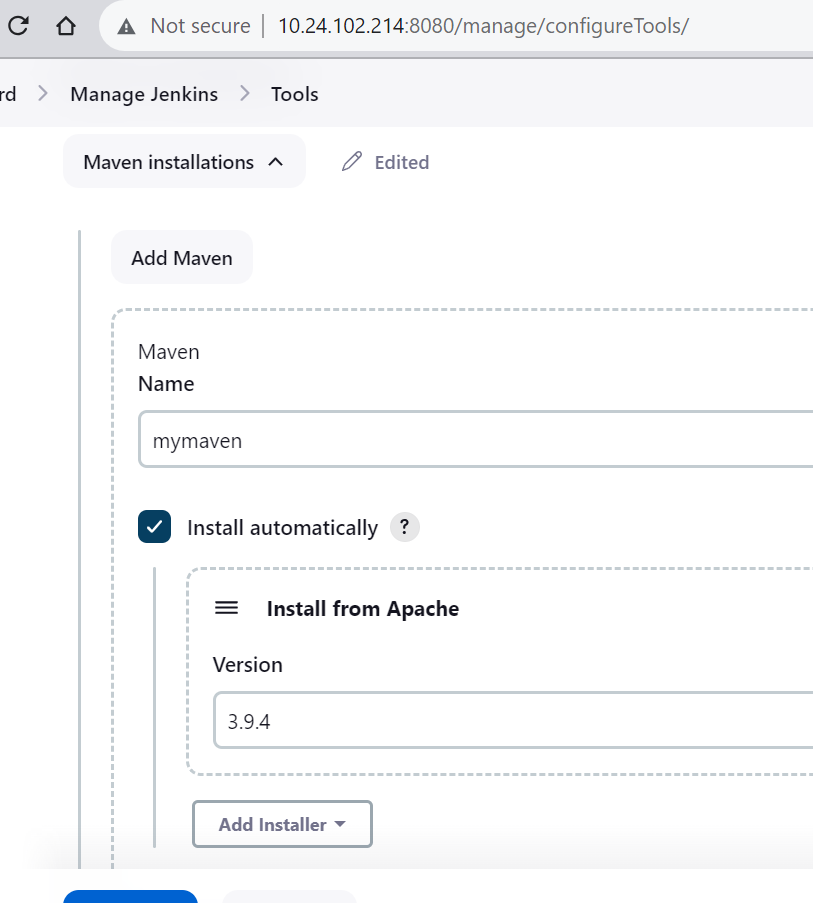
**Java Tech Test Feature devsecops deploy project:**

1. **Downloaded the source code shared by Sakshi Malik over gmail to my local system.**
2. **Uploaded the code to my github account using Git Bash(installed on my local system).**



1. **I already have 2 linux servers (built during devops training) where I have Java and Jenkins Installed (Jenkins Master & Client(‘linuxnode’) ). On Jenkins I have Maven plug-in Enabled which helps to compile, code review(pmd), unit-test, package and install java application.**



1. **Created a pipeline with below groovy code:**

\*\*\*\*CODE START \*\*\*\*

pipeline{

tools{

maven 'mymaven'

}

agent {

label 'linuxnode'

}

environment {

DOCKERHUB\_CREDENTIALS=credentials('dockerloginid')

}

stages{

stage('Clone a Repo'){

steps{

git 'https://github.com/KothariSaurabh825/java-tech-test-feaure-devsecops-deploy.git'

}

}

stage('Compile the code'){

steps{

sh 'mvn compile'

}

}

stage('CodeReview'){

steps{

sh 'mvn pmd:pmd'

}

}

stage('Unit Test'){

steps{

sh 'mvn test'

}

}

stage('Package'){

steps{

sh 'mvn clean install package'

}

}

stage('Copy jar file to /tmp/jenkinsdir'){

steps{

sh 'mv /tmp/jenkinsdir/workspace/java-tech-test/target/tdd-supermarket-1.0.0-SNAPSHOT.jar /tmp/jenkinsdir/workspace/java-tech-test/tddsupermarket.jar'

sh 'chmod -R 777 /tmp/jenkinsdir/workspace/java-tech-test/tddsupermarket.jar'

}

}

stage('Build the image'){

steps{

sh 'docker version'

sh "docker build -t kotharisaurabh/tddsupermarket ."

// sh "docker build -t kotharisaurabh/java-tech-test:latest ."

// sh "docker build -t kotharisaurabh/java-tech-test:${BUILD\_NUMBER} ."

sh 'docker image list'

// sh "docker tag kotharisaurabh/java-tech-test:${BUILD\_NUMBER} kotharisaurabh/java-tech-test:latest"

}

}

stage('Login2DockerHub') {

steps {

sh 'echo $DOCKERHUB\_CREDENTIALS\_PSW | docker login -u $DOCKERHUB\_CREDENTIALS\_USR --password-stdin'

}

}

stage('Publish\_to\_Docker\_Registry') {

steps {

sh "docker push kotharisaurabh/tddsupermarket"

//sh "docker push kotharisaurabh/java-tech-test:latest"

}

}

stage('Run Docker Image') {

steps {

sh "docker run -d -p 8080:8080 kotharisaurabh/tddsupermarket"

}

}

}

} \*\*\*\*CODE END \*\*\*\*

1. **Now browse** [**http://10.24.103.76:8080/**](http://10.24.103.76:8080/) **to see the application console.**

