**MAVEN-SONARQUBE-TOMCAT**

Install open jdk 11

Install Jenkins and start service

Install maven

Install git

Install sonarqube and start

Install tomcat and start

PLUGGINS:-

Github

Maven integration

Maven invoker

Sonarqube

Deploy to container

SETUP GLOBEL TOOL CONFIGURATION

SETUP CREDENTIALS

Jenkinsfile:-- for declarative pipeline

pipeline {

agent any

tools {

maven 'maven 3.8.6'

}

stages{

stage('Build'){

steps {

sh 'mvn clean package'

}

post {

success {

echo 'Archiving the artifacts'

archiveArtifacts artifacts: '\*\*/target/\*.war'

}

}

}

stage ('Deployments'){

parallel{

stage ("Deploy to Staging"){

steps {

deploy adapters: [tomcat7(credentialsId: 'tomcat\_credentials', path: '', url: 'http://13.232.81.39:8080/')], contextPath: null, war: '\*\*/\*.war'

}

}

}

}

stage("static code analasis"){

steps{

withSonarQubeEnv("SonarQube 8.9.9"){

sh "mvn sonar:sonar"

}

}

}

stage("Quality Gate Status"){

steps{

script{

waitForQualityGate abortPipeline: false, credentialsId: 'Sonar\_credentials'

}

}

}

}

}