Jenkins Installed

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Sonarqube installed

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Setup Jenkins pipeline to point git

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Install [Eclipse Temurin installerVersion](https://plugins.jenkins.io/adoptopenjdk) , Sonarqube scanner, OWASP dependency check,openjdk plugin in jenkins

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/usr/lib/jvm/java-17-openjdk-amd64

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**Add the following code to pom.xml in the relevant place to send code coverage to sonar**

<plugin>

<groupId>org.jacoco</groupId>

<artifactId>jacoco-maven-plugin</artifactId>

<version>${jacoco.version}</version>

<executions>

<!-- Initialize JaCoCo agent -->

<execution>

<id>jacoco-initialize</id>

<goals>

<goal>prepare-agent</goal>

</goals>

</execution>

<!-- Generate the JaCoCo coverage report -->

<execution>

<id>jacoco-site</id>

<phase>package</phase> <!-- Report during package phase -->

<goals>

<goal>report</goal>

</goals>

</execution>

</executions>

</plugin>

<dependency>

<groupId>org.jacoco</groupId>

<artifactId>jacoco-maven-plugin</artifactId>

<version>0.8.6</version>

</dependency>

<properties>

<!-- JaCoCo version -->

<jacoco.version>0.8.6</jacoco.version>

<!-- SonarQube configuration -->

<sonar.java.coveragePlugin>jacoco</sonar.java.coveragePlugin>

<sonar.dynamicAnalysis>reuseReports</sonar.dynamicAnalysis>

<sonar.jacoco.reportPath>${project.basedir}/../target/jacoco.exec</sonar.jacoco.reportPath>

<sonar.language>java</sonar.language>

</properties>

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Jenkin webhook in Git

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Configure Sonarqube webhook to notify Jenkins

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