**How to install and configure Sonarqube on CentOS 7 step by step guide**

Port number : 9000

yum install java-1.8.0-openjdk unzip –y

cd /opt

<https://binaries.sonarsource.com/Distribution/sonarqube/sonarqube-6.4.zip>

unzip sonarqube-6.4.zip

mv sonarqube-6.4 sonarqube

cd sonarqube

cd bin

cd linux-x86-64

cat sonar.sh

sh sonar.sh status

sh sonar.sh status

then go to the google crome and paste public IP with port number 9000

then sonarqube dashboard will appear

# How to integrate your MAVEN project with SonarQube

We have to decler thi dependency maven server – java\_project – pom.xml under dependency

<!-- <https://mvnrepository.com/artifact/org.sonarsource.scanner.maven/sonar-maven-plugin> -->  
<dependency>  
<groupId>org.sonarsource.scanner.maven</groupId>  
<artifactId>sonar-maven-plugin</artifactId>  
<version>3.2</version>  
</dependency>Followed by the profile<profiles>

This is also paste under project

<profile>  
<id>sonar</id>  
<activation>  
<activeByDefault>true</activeByDefault>  
</activation>  
<properties>  
<!-- Optional URL to server. Default value is [http://localhost:9000](http://localhost:9000/) -->  
<sonar.host.url>  
<http://192.168.2.174:9000> (we have to paste sonarqube url from url tab)  
</sonar.host.url>  
</properties>  
</profile>  
</profiles>

Mvn sonar:sonar

It will create report

.then we have to goto sonarqube dash board and reload

Then you will get the project