SONARQUBE

- <u>SonarQube</u> is an open source platform developed by SonarSource for continuous inspection of Code Quality
- SonarQube offers reports on duplicated code, coding standards, unit tests, bugs and security vulnerabilities
- SonarQube provides fully automated analysis and integration with Maven and Continuous Integration tools like Jenkins
- SonarQube is a Java application that requires a Java Runtime Environment and a Database.

Setting Up SonarQube

- > Install Java
- > sudo yum -y install java-1.8.0* wget unzip
- Download SonarQube
 - Cd ~
 - wget https://binaries.sonarsource.com/Distribution/sonarqub e/sonarqube-6.7.7.zip
 - unzip ~/sonarqube-6.7.7.zip

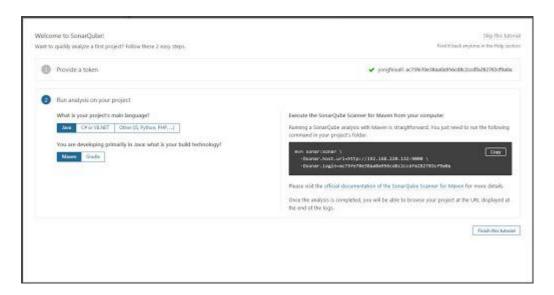
Start the Sonar

- > ~/sonarqube-6.7.7/bin/linux-x86-64/sonar.sh status
- > ~/sonarqube-6.7.7/bin/linux-x86-64/sonar.sh start
- > ~/sonarqube-6.7.7/bin/linux-x86-64/sonar.sh status

Default Credentials for login

Username : adminPassword : admin

Perform Sonar Analysis



- Provide Token -> Generate Token
- What is your project main language java
- Build Technology Maven
- Copy the command you get in Execute SonarQube For maven
- Change the directory to Application i.e JavaApp you created using maven
- cd ~/JavaApp
- mvn sonar:sonar.....
- http://server-ipaddress:9000

Now you can see the project displayed under the projects section with analysis report.

