Sonarqube installation –

Installation (Linux/Unix Platform):

1. Download and unzip the SonarQube distribution (Downloads Link: <https://www.sonarqube.org/downloads/> $ cd /opt $ wget <https://sonarsource.bintray.com/Distribution/sonarqube/sonarqube-5.6.5.zip> $ unzip [sonarqube-5.6.5.zip](http://sonarqube-5.6.5.zip/)

2. Configure the environmental variables. $ export SONARQUBE\_HOME=/opt/sonarqube-5.6.5 $ export PATH=${PATH}:${SONARQUBE\_HOME}/bin

3. Creating MySQL Sonar Database

$ mysql –u root –p (press enter, and provide the root password)

mysql> CREATE DATABASE sonar CHARACTER SET utf8 COLLATE utf8\_general\_ci; mysql> CREATE USER 'sonar' IDENTIFIED BY 'sonar'; mysql> GRANT ALL ON sonar.\* TO 'sonar'@'%' IDENTIFIED BY 'sonar';

mysql> GRANT ALL ON sonar.\* TO 'sonar'@'localhost' IDENTIFIED BY 'sonar';

mysql> FLUSH PRIVILEGES;

4. Configure Database with SonarQube

$ cd /opt/sonarqube-5.6.5/conf/

$ vim [sonar.properties](http://sonar.properties/) (Add the below lines)   
sonar.jdbc.username=sonar   
sonar.jdbc.password=sonar   
sonar.jdbc.url=jdbc:mysql://web.localhost:3306/sonar?useUnicode=true&characterEncoding=utf8&rewriteBatchedStatements=true&useConfigs=maxPerformance

5. Start the SonarQube server:

$ cd sonarqube-5.6.5/bin/ ……. /

$ ./[sonar.sh](http://sonar.sh/) start  
  
Check -   
<http://localhost:9000﻿>  
$ ps -ef | grep sonarqube

key steps -   
1. Set Paths of SonarQUBE and SonarRunner – etc/paths

2.

<https://www.youtube.com/watch?v=xLO8Q_F3jIg>

Now, follow these steps -

<https://docs.sonarqube.org/display/SCAN/Analyzing+with+SonarQube+Scanner>

With Jenkins –

Install the plugin –

|  |  |
| --- | --- |
|  | [SonarQube Scanner for Jenkins](https://plugins.jenkins.io/sonar) |

Configure sonar server settings in Global settings as below –



