**Prerequisites**

**https://hostpresto.com/community/tutorials/how-to-install-sonarqube-continuous-inspection-on-ubuntu-14-04/**

Java JRE 6  
DBMS (MySQL in my case)

**Create SonarQube database and user**

First run MySQL through terminal:

mysql -u root -p

Then create the database and a user:

CREATE DATABASE sonar CHARACTER SET utf8 COLLATE utf8\_general\_ci;

CREATE USER 'sonar' IDENTIFIED BY 'sonar';

GRANT ALL ON sonar.\* TO 'sonar'@'%' IDENTIFIED BY 'sonar';

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

FLUSH PRIVILEGES;

**Download and unzip SonarQube distribution**

Visit the [SonarQube official site](http://www.sonarqube.org/downloads/" \o "download sonarqube) for the current version.

wget https://sonarsource.bintray.com/Distribution/sonarqube/sonarqube-4.5.zip

unzip sonarqube-4.5.zip

mv sonarqube-4.5 /opt/sonar

**Edit sonar.properties**

Open **/opt/sonar/conf/sonar.properties** with your favourite text editor, and modify it.  
**MySQL settings**  
Uncomment the user credentials and the MySQL related settings:

sonar.jdbc.username=sonar

sonar.jdbc.password=sonar

sonar.jdbc.url=jdbc:mysql://localhost:3306/sonar?useUnicode=true&characterEncoding=utf8&rewriteBatchedStatements=true&useConfigs=maxPerformance

**Web Server settings**  
The following settings allow you to run the server on page http://localhost:9000/sonar

sonar.web.host=0.0.0.0

sonar.web.context=/sonar

sonar.web.port=9000

**Start SonarQube server** either by typing the direct command:

sudo /opt/sonar/bin/linux-x86-64/sonar.sh start

Other commands

sudo /opt/sonar/bin/linux-x86-64/sonar.sh console

sudo /opt/sonar/bin/linux-x86-64/sonar.sh restart

sudo /opt/sonar/bin/linux-x86-64/sonar.sh stop

Url : http://dev.mamikon.net/installing-sonarqube-on-ubuntu/