

# **Installation of SonarQube 6.1**

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- First of all download the 6.1 version of sonarQube, expand it into the directory of your choice. I'll refer to it as <install\_directory>.

- Afterward, edit the file sonar-scanner.properties to update the global settings :

-> gedit <install\_directory>/conf/sonar-scanner.properties

-> #----- Default SonarQube server

#sonar.host.url=http://localhost:9000

- Add the <install\_directory> to your path :

-> sudo gedit ~/.bachrc

-> export PATH=<install\_directory>/bin:\$PATH

- Verify your installation by tapping the command :

-> sonar-scanner -h

- You should get an output like this :

```
usage: sonar-scanner [options]
```

Options:

-D,--define <arg>	Define property
-e,--errors	Produce execution error messages
-h,--help	Display help information
-v,--version	Display version information
-X,--debug	Produce execution debug output

- Now that it's working create a configuration file in your root directory of the project :

-> sonar-project.properties

#### sonar-project.properties

```
# must be unique in a given SonarQube instance
sonar.projectKey=my:project
# this is the name and version displayed in the SonarQube UI. Was mandatory prior to SonarQube 6.1.
sonar.projectName=My project
sonar.projectVersion=1.0

# Path is relative to the sonar-project.properties file. Replace "\" by "/" on Windows.
# Since SonarQube 4.2, this property is optional if sonar.modules is set.
# If not set, SonarQube starts looking for source code from the directory containing
# the sonar-project.properties file.
sonar.sources=.

# Encoding of the source code. Default is default system encoding
#sonar.sourceEncoding=UTF-8
```

Run the following command from the project base directory to launch the analysis:

- Run the following command to launch the analysis :

-> sonar-scanner

Here we can find sonarQube in our server :

```
lbtissam@naji-ROG:~$ ssh ezs@192.168.99.116
The authenticity of host '192.168.99.116 (192.168.99.116)' can't be established.
ECDSA key fingerprint is SHA256:Lg++4Xjy1SW8aHd5gKJUN8LdH1cfUAqiuqz8fjQ8FTw.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '192.168.99.116' (ECDSA) to the list of known hosts.
ezs@192.168.99.116's password:
Permission denied, please try again.
ezs@192.168.99.116's password:
Welcome to Ubuntu 16.04.1 LTS (GNU/Linux 4.4.0-38-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

137 packages can be updated.
4 updates are security updates.

*** System restart required ***
Last login: Thu Feb  2 11:19:34 2017 from 192.168.99.154
ezs@ezs:~$ cd /opt/sonar
ezs@ezs:/opt/sonar$ ls
sonarqube-6.1
ezs@ezs:/opt/sonar$ cd sonarqube-6.1/
ezs@ezs:/opt/sonar/sonarqube-6.1$ ls
bin  conf  COPYING  data  extensions  lib  logs  temp  web
ezs@ezs:/opt/sonar/sonarqube-6.1$
```

http://192.168.99.116:9000/

login : admin

psw : admin