SonarQube 部署文档
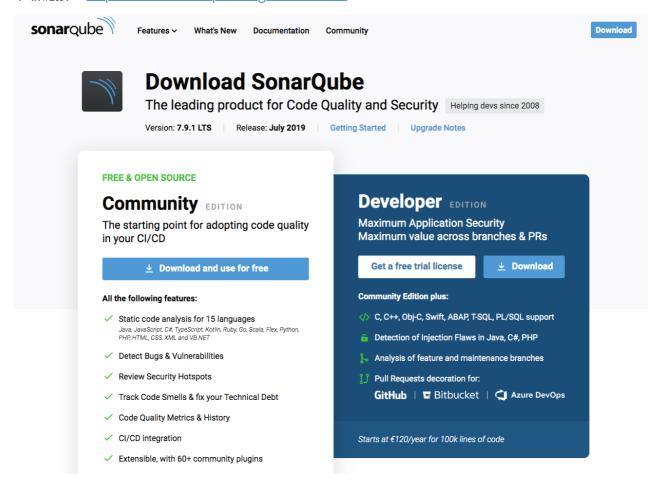
LTS 7.9.1 新特性：https://www.sonarqube.org/sonarqube-7-9-lts/

JDK11 下载地址： 链接:https://pan.baidu.com/s/1VGEUd2nPzsDeOE2Ycrcmqg 密码:gpx9

切记需要提前安装好JDK11 和 PG数据库。

1.下载软件包

下载链接： https://www.sonarqube.org/downloads/

2.添加系统用户

```
useradd   sonarqube
passwd    sonarqube
```

3.优化系统参数

```
sysctl -w vm.max_map_count=262144
sysctl -w fs.file-max=65536
ulimit -u 4096 sonarqube
ulimit -n 65536 sonarqube
```

4.解压安装包

```
mv sonarqube-7.9.1.zip /home/sonarqube/
chown -R sonarqube:sonarqube /home/sonarqube/
su - sonarqube yum -y install unzip
unzip sonarqube-7.9.1.zip
```

5.更改配置文件

```
vim sonarqube-7.9.1/conf/sonar.properties
sonar.jdbc.username=sonarqube
sonar.jdbc.password=meiyoumima
sonar.jdbc.url=jdbc:postgresql://127.0.0.1/sonarqube
```

6.安装PostgreSQL#下载pg9.6 源

```
yum install https://download.postgresql.org/pub/repos/yum/9.6/redhat/rhel-7-
x86_64/pgdg-centos96-9.6-3.noarch.rpm
yum install postgresql96-server postgresql96-contrib
#初始化db
/usr/pgsql-9.6/bin/postgresql96-setup initdb

#启动服务、开机自启
systemctl start postgresql-9.6
systemctl enable postgresql-9.6

#防火墙
firewall-cmd --add-service=postgresql --permanent
firewall-cmd --reload

#登录数据库
su - postgres
psql -U postgres
```

```
ALTER USER postgres with encrypted password 'xxxxxx';
\q
exit

#创建sonarqube用户
create user sonarqube with password 'xxxxx';
create database sonarqube owner sonarqube;
grant all  on database sonarqube to sonarqube;
create schema my_schema;<br>

#开启远程访问
vi /var/lib/pgsql/9.6/data/postgresql.conf   #listen_addresses = '*'
vi /var/lib/pgsql/9.6/data/pg_hba.conf
systemctl restart postgresql-9.6.service

#pg_hba.conf

# IPv4 local connections:
host    all             all             0.0.0.0/0               trust
# IPv6 local connections:
host    all             all             ::1/128                 ident
# Allow replication connections from localhost, by a user with the
# replication privilege.
#local   replication     postgres                                peer
#host    replication     postgres        127.0.0.1/32            ident
#host    replication     postgres        ::1/128                 ident
host    all     all     0.0.0.0/0                       ident
```

7.添加系统服务

```
ln -s /home/sonarqube/sonarqube-7.9.1/bin/linux-x86-64/sonar.sh  /usr/bin/sonar

vim /etc/init.d/sonarqube



#!/bin/sh
#
# rc file for SonarQube
#
# chkconfig: 345 96 10
# description: SonarQube system (www.sonarsource.org)
#
### BEGIN INIT INFO
# Provides: sonar
# Required-Start: $network
```

```
# Required-Stop: $network
# Default-Start: 3 4 5
# Default-Stop: 0 1 2 6
# Short-Description: SonarQube system (www.sonarsource.org)
# Description: SonarQube system (www.sonarsource.org)
### END INIT INFO


/usr/bin/sonar $*




chkconfig --add sonarqube
chkconfig sonarqube on

service sonarqube status
```