

Integration Sonarqube with PostgreSQL

- Create repertoire sonarqube
- Create docker-compose.yml

version: "3.8"

services:

sonarqube:

image: sonarqube

container_name: sonarqube

restart: always

ports:

- "9009:9000"

- "9092:9092"

environment:

- SONARQUBE_JDBC_URL=jdbc:postgresql://db:54320/sonar

- SONARQUBE_JDBC_USERNAME=sonar

- SONARQUBE_JDBC_PASSWORD=sonar

volumes:

- sonarqube_conf:/opt/sonarqube/conf

- sonarqube_data:/opt/sonarqube/data

- sonarqube_extensions:/opt/sonarqube/extensions

- sonarqube_bundled-plugins:/opt/sonarqube/lib/bundled-plugins

networks:

- sonarnet

volumes:

sonarqube_conf:

sonarqube_data:

sonarqube_extensions:

sonarqube_bundled-plugins:

networks:

sonarnet:

name: sonarnet

SONARQUBE_JDBC_URL=jdbc:postgresql://db:54320/sonar

- The SONARQUBE_JDBC_URL is an environment variable that specifies the JDBC URL for connecting to the PostgreSQL database used by SonarQube
- In this case, the JDBC URL is "jdbc:postgresql://db:54320/sonar", which tells SonarQube to connect to a PostgreSQL database located at host "db" and port "54320", with the database name "sonar". The "jdbc:postgresql://" part of the URL specifies that the JDBC driver for PostgreSQL should be used to make the connection.
- "sonarqube_conf:/opt/sonarqube/conf" is a Docker volume specification that maps the host directory "/opt/sonarqube/conf" to a volume named "sonarqube_conf" in the Docker container. This allows for easier management and maintenance of the SonarQube server
- **networks:**
 sonarnet:
 name: sonarnet
create network name is sonarnet in docker compose of Sonarqube and create same name network into PosgreSQL to connect with each other.



