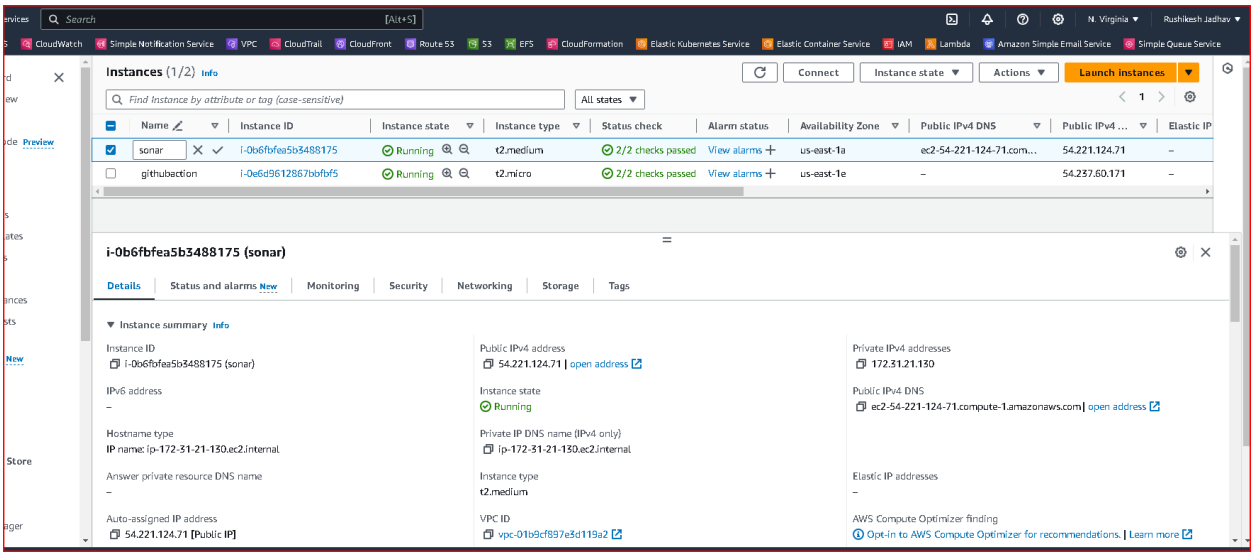
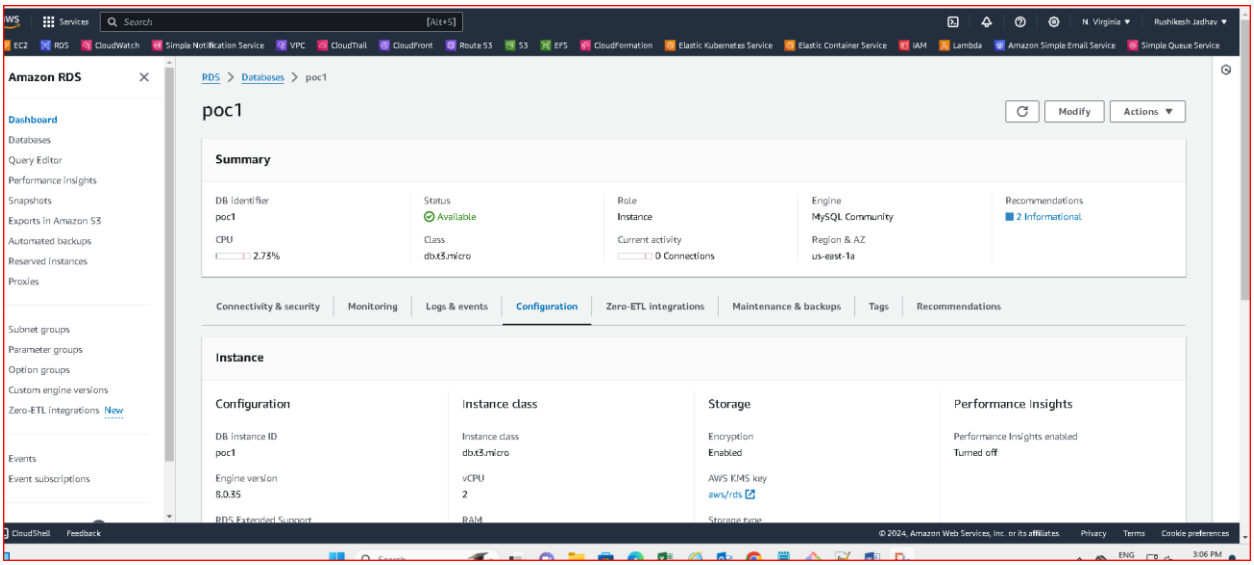
Sonarqube

Deploy a java/python application on amazon EC2 and while utilising RDS database(MYsql/Postgres) for data storage to scan and evaluate the code quality in SonarQube.

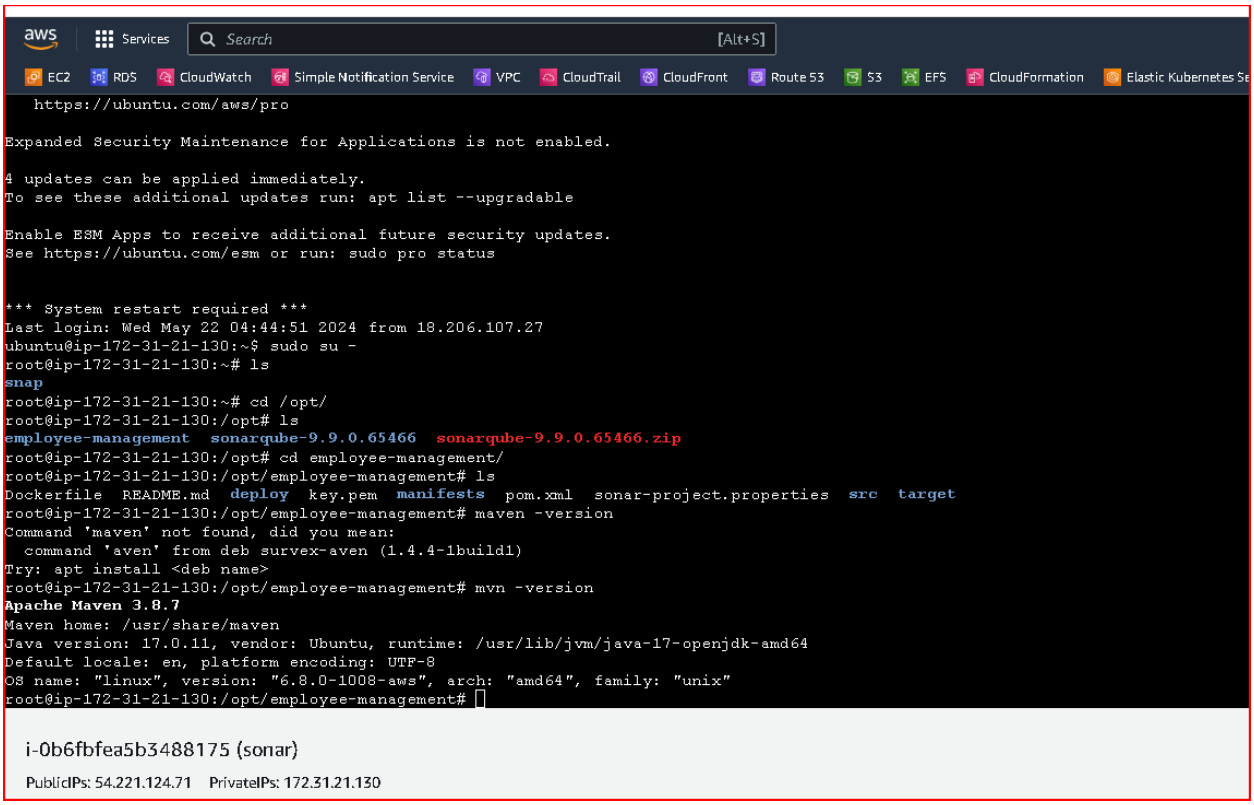
amazon EC2



RDS setup in AWS



Install Maven and JAVA



Download and Install SonarQube

wget https://binaries.sonarsource.com/Distribution/sonarqube/sonarqube-8.9.0.43852.zip

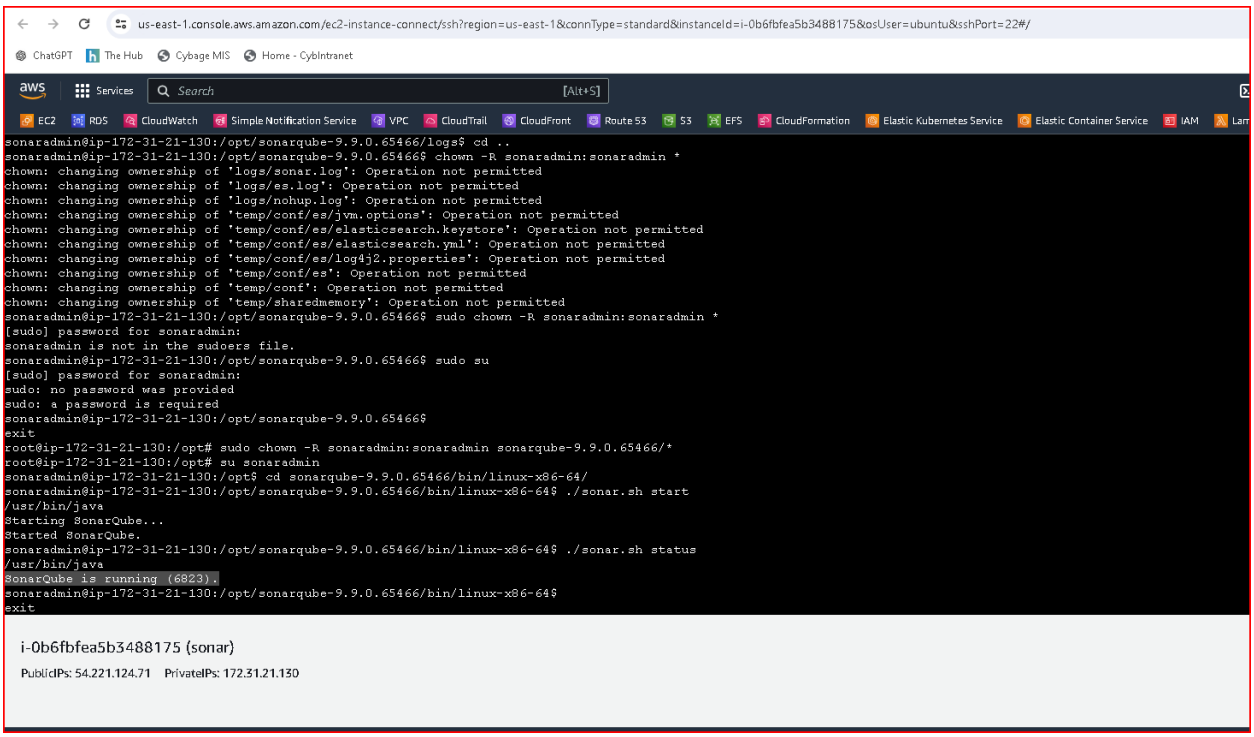
unzip sonarqube-8.9.0.43852.zip

sudo chown -R sonaradmin:sonaradmin sonarqube-9.9.0.65466/*

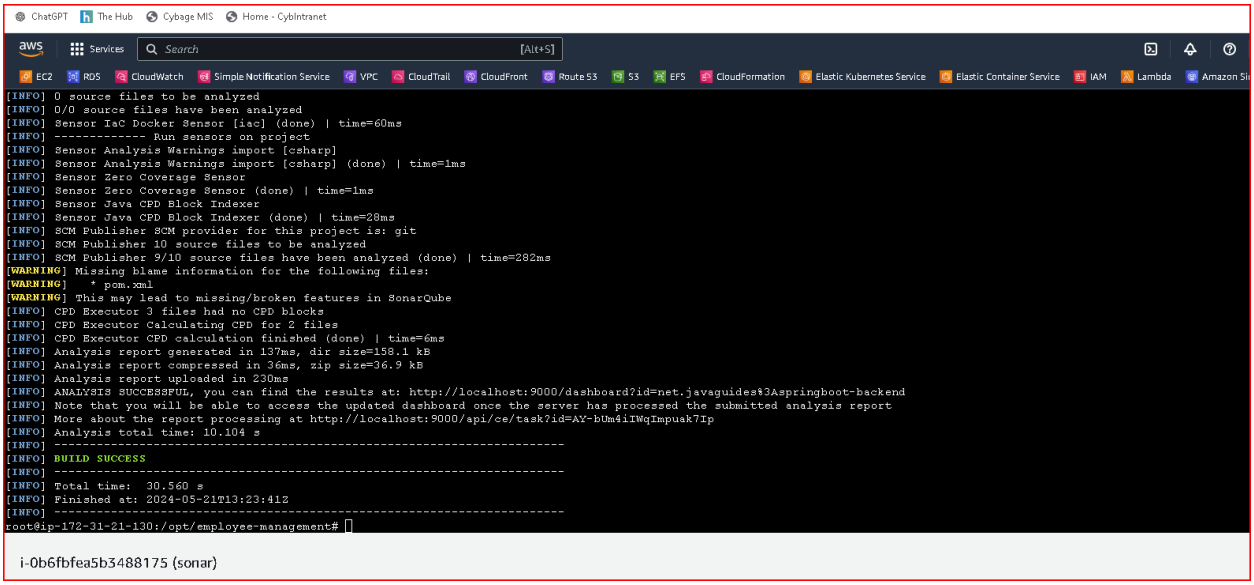
cd sonarqube-9.9.0.65466/bin/linux-x86-64/

./sonar.sh start

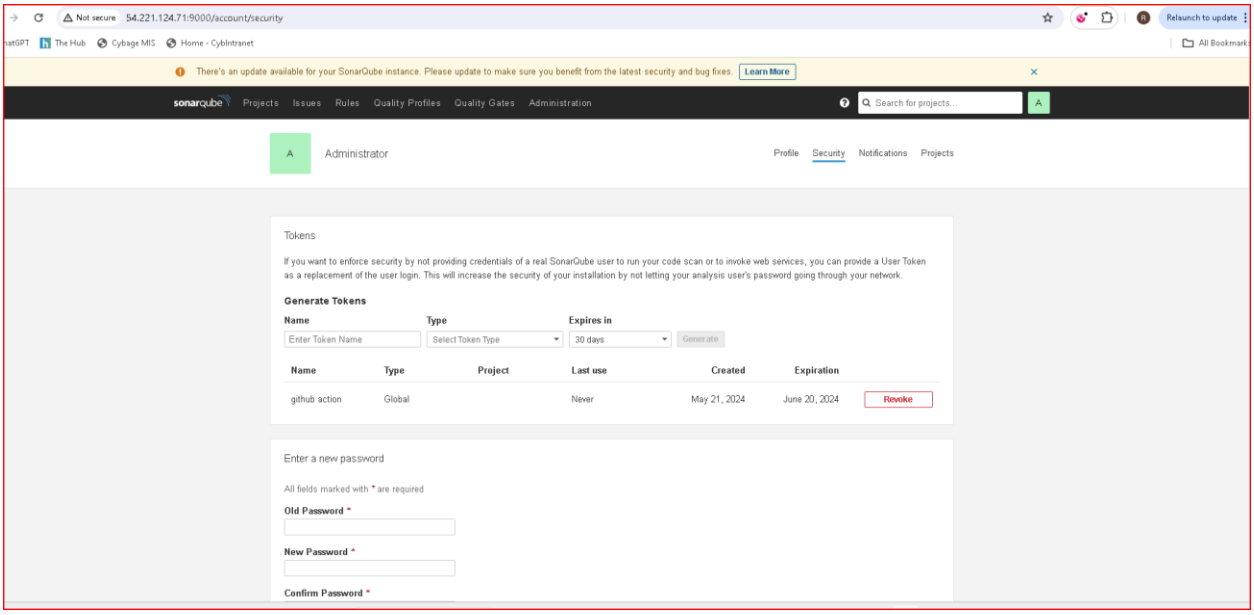
./sonar.sh status



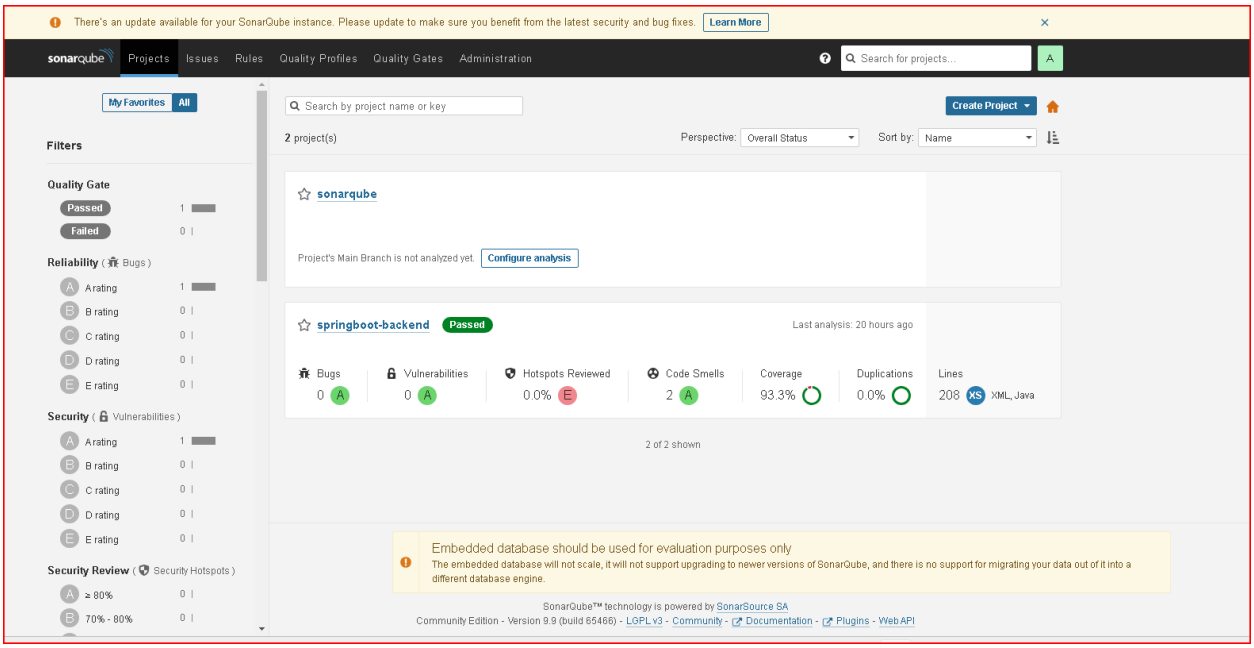
Mvn clean install sonar:sonar



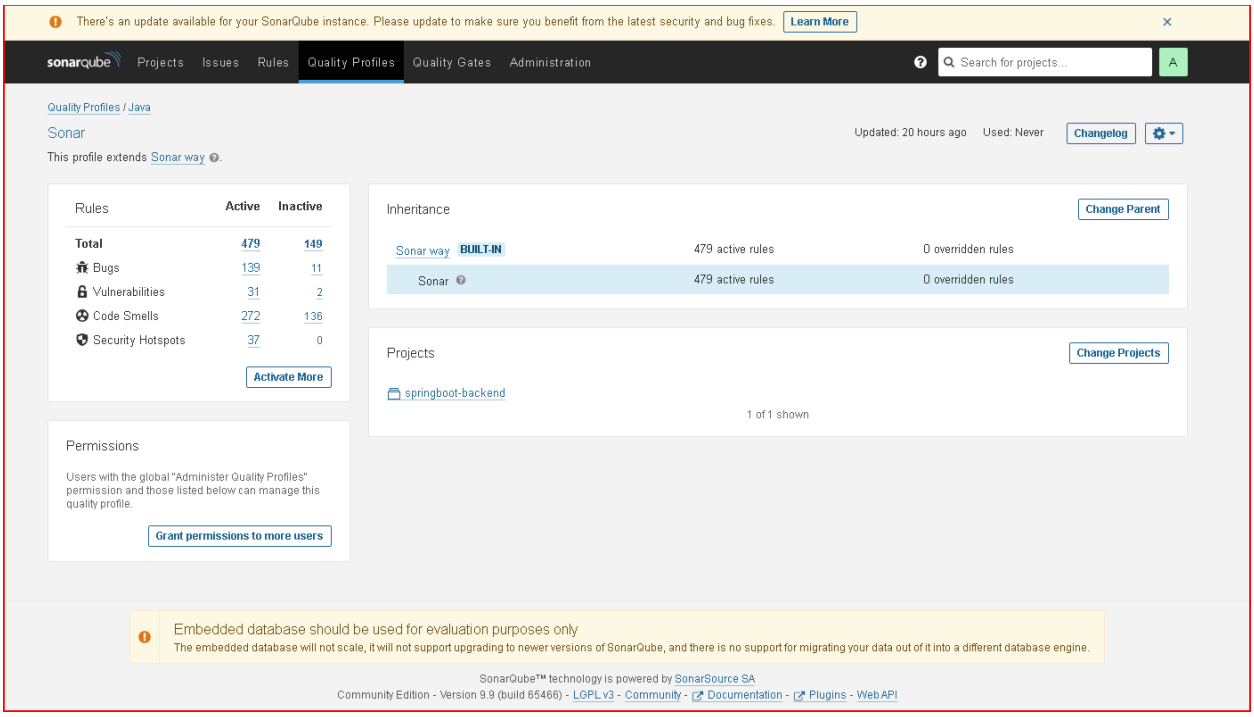
Generate token



After running mvn clean install sonar:sonar command project will appear in dashboard



Create a custom Quality Profile



Quality Gate within SonarQube configured to enforce a code coverage threshold of 90%