Assignment - 3 - Integrate SonarQube scanner into Pipeline

What is sonarqube?

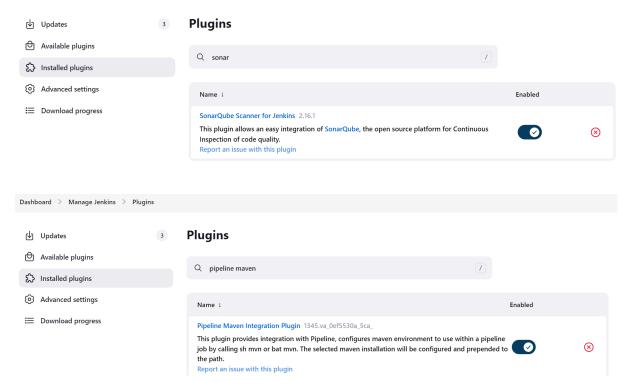
SonarQube is an open-source platform developed by SonarSource for continuous inspection of code quality to perform automatic reviews with static analysis of code to detect bugs, code smells on 29 programming languages

Pre-requisites and steps:

- 1. Install and run sonarqube in docker . Refer the doc
- 2. In the jenkins, install the following plugins sonarqube scanner for jenkins and pipeline maven integration

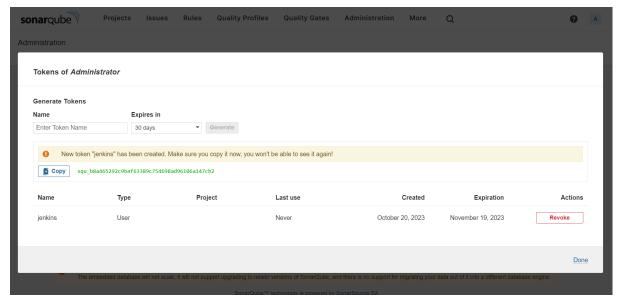
Plugin Manager

a:



- 3. Login to your sonarqube server -> Administration -> User -> Security -> tokens
- 4. Generate a token for jenkins and save it

A:



- 5. Navigate to Manage jenkins -> configure system ->sonarqube servers
- 6. Provide the name sonar, your sonarqube server url and port, in the dropdown select the secret text that is generated from your server

(Note: You need to add sonarqube credentials in Manage jenkins -> credentials -> system -> Global credentials. Select kind and copy sonarqube secret key, provide any id and description and add it)

A:

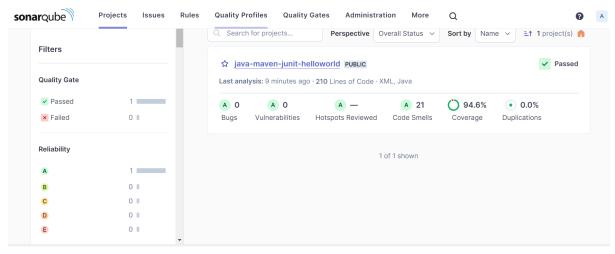


- 7. Now create a pipeline using the script placed in the link
- & Jenkins Script
- 8. Build the pipeline and verify the build status



9. Now navigate to sonarqube server to check the code quality results

A:



10. You can click your project and see the code test results,

A:

