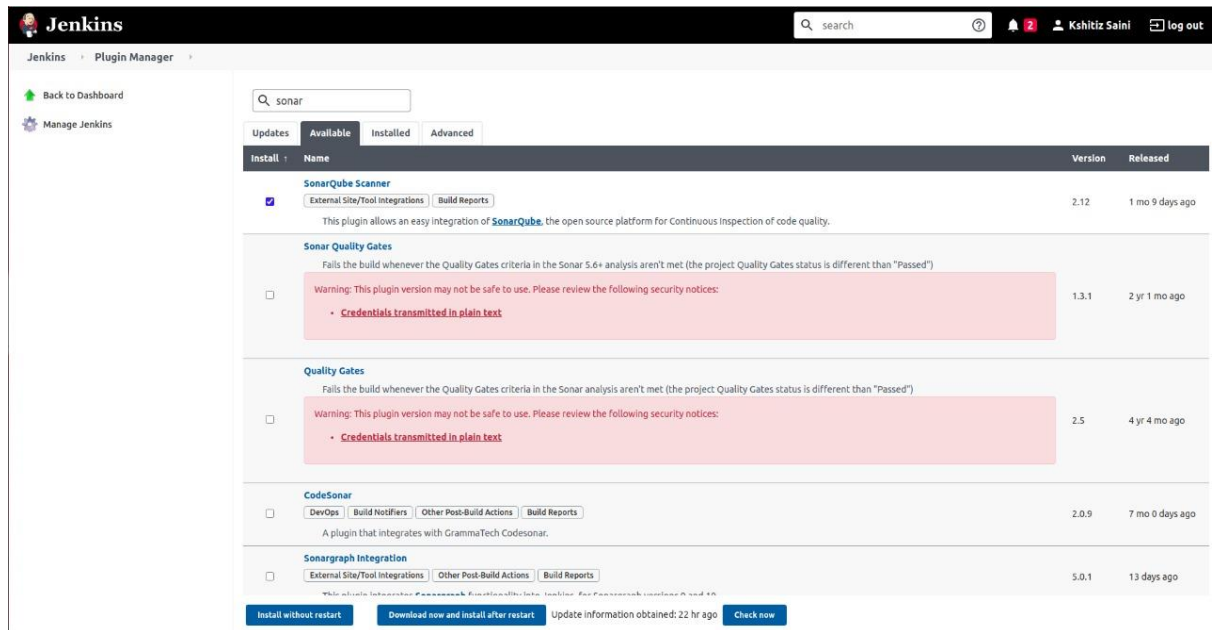


Experiment 5

Integrate Jenkins with Sonarqube

- 1) First we need to install “Sonarqube Scanner” plugin in our Jenkins by visiting the manage plugins section and looking for it in available section.



- 2) Create a new job, provide GitHub repo link and in the goal use the following.
clean install sonar:sonar -Dsonar.host.url=http://localhost:9000 -Dsonar.mode=publish

Build

Root POM: my-app/pom.xml

Goals and options: clean install sonar:sonar -Dsonar.host.url=http://localhost:9000 -Dsonar.analysis.mode=publish

Post Steps

☐ Run only if build succeeds ☐ Run only if build succeeds or is unstable ☒ Run regardless of build result

Should the post-build steps run only for successful builds, etc.

Build Settings

3) Run the job and build it.

```
[INFO] ANALYSIS SUCCESSFUL, you can browse http://localhost:9000/dashboard?id=com.mycompany.app%3Amy-app
[INFO] Note that you will be able to access the updated dashboard once the server has processed the submitted analysis report
[INFO] More about the report processing at http://localhost:9000/api/ce/task?id=AXTzfwL502Y9D3g-6\_V
[INFO] Analysis total time: 20.345 s
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 27.829 s
[INFO] Finished at: 2020-10-04T17:33:43+05:30
[INFO] -----
Waiting for Jenkins to finish collecting data
[JENKINS] Archiving C:\Users\ARJUN\.jenkins\workspace\CI-CD_check\my-app\pom.xml to com.mycompany.app/my-app/1.0-SNAPSHOT/my-app-1.0-SNAPSHOT.pom
[JENKINS] Archiving C:\Users\ARJUN\.jenkins\workspace\CI-CD_check\my-app\target\my-app-1.0-SNAPSHOT.jar to com.mycompany.app/my-app/1.0-SNAPSHOT/my-app-1.0-SNAPSHOT.jar
channel stopped
Finished: SUCCESS
```

4) Access the project on the sonarqube webAPI.

Perspective: Overall Status Sort by: Name

1 projects

my-app Passed

Last analysis: October 4, 2020, 5:16 PM

0 A

Bugs

0 A

Vulnerabilities

— A

Hotspots Reviewed

2 A

Code Smells

0.0%

Coverage

0.0%

Duplications

73 XS

XML, Java

1 of 1 shown