How To -Jenkins-SonarQube Integration

Prerequisite :

1. Jenkins is setup with Bitbucket repo.
2. SonarQube is running and you have Sonar Scanner setup in system.

Sonarqube configurations:-

1. Go to sonarqube server and create a project.
2. Go to sonarqube dashboard and create quality profiles and create quality gates, and assign the projects. reference this document https://altimetrik.atlassian.net/wiki/spaces/DC/pages/209453145/How+to+-+Configuration+for+code+check+gates.
3. Now you can able to create the sonarqube project.

Jenkins configurations:-

1. Setup **SonarQube** with **Jenkins**- install sonarqube plugin and made configuration as below.
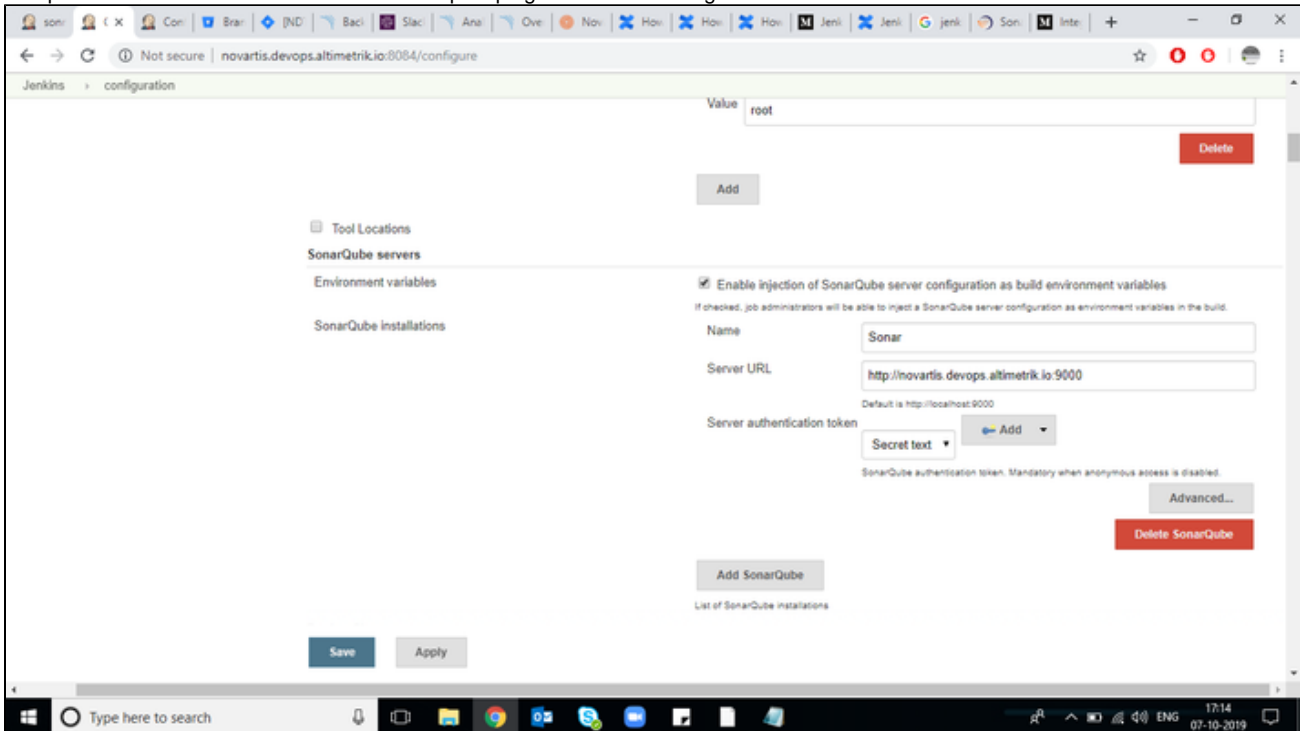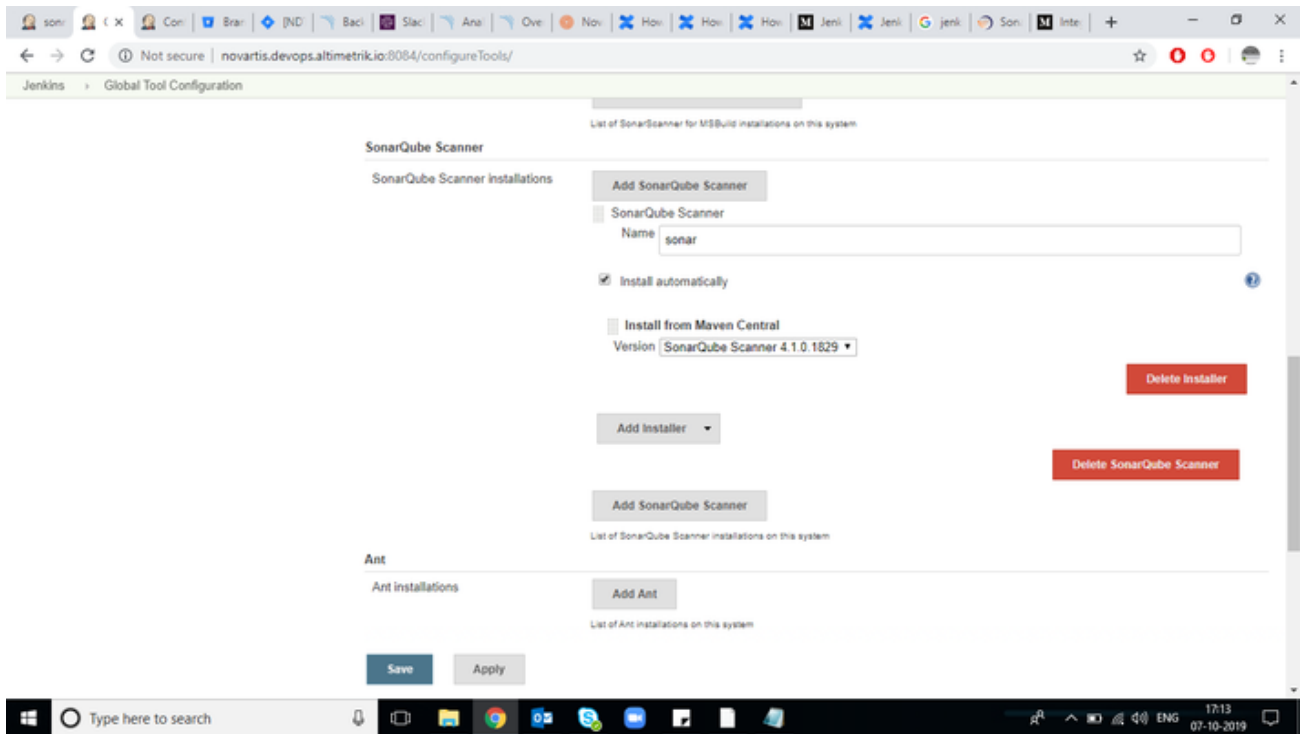
2. Go to project and add build step, add the properties given below or map the property file location.

```
sonarProperties ++= Map(
"sonar.host.url" -> "http://novartis.devops.altimetrik.io:9000/",
"sonar.projectName" -> "sonartestproject",

"sonar.sourceEncoding" -> "UTF-8",
"sonar.java.source" -> "1.8",
"sonar.sources" -> "src/main/scala",
"sonar.tests" -> "src/test/scala",
"sonar.login" -> "xxxxx",
"sonar.password" -> "xxxxx"
```

3. Add the following configurations for branch modelling.

4. build the job with branch parameter.

5. check the results in sonarqube with branch based, its created new branch with same project name.

thats all done !!!