

SonarQube Discussion

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SonarQube Overview

- Description [SonarQube](#) is the tool we're using with compliment Jenkins CodePipelines to perform continuous inspection, code coverage, code smells, static code analysis.
- The software is open source from [SonarSource](#).
- SonarQube 7.1 (with LDAP authentication), running as a Docker container on an Ubuntu 14 / 18.04 LTS host.
- Postgres 9.5 for back-end database (<50GB), running on DBaaS.
- Plugins installed
 - The only additional plugins we have installed from the Marketplace, is the Go Lang Plugin and the LDAP Plugin for AD Authentication.
- We will use the built in rules Out of the Box (i.e. the "Sonar Way"), unless there's a need to define a different rule for certain projects. SonarQube does offer the ability to use Quality Gates, which will break the build or prevent the code from merging into master based on the Quality Gate definition.
- Supported languages include Go.
- Additional license costs for some additional languages (c, c++) and is based on LOC.
- Access to the web UI allows developers access to review SonarQube reports.
- Requires networking with LF Jenkins infrastructure.

SonarQube Reference Architecture

