**QA-Testing**

**Dev Pipe Line**

JIRA 🡪 Ticketing tool

Git Hub 🡪 Source code management tool.

Static Code Analysis / Code Quality 🡪 Sonarqube

Package 🡪 Maven

Storage 🡪 Nexus

Code Coverage 🡪 Jacoco

Release to QA 🡪 Docker

Immediate Feed Back 🡪 Email Notification

**QA Pipe Line**

Tomcat Image 🡪 Pull Image from Hub.Docker.com

Cerate Docker Container

Deploy WAR file to 🡪 Existing Docker Tomcat Containers.

Functional Test / Regression Test 🡪 Selenium

Requirements:

1. Java JDK 6 (or) above, Set in class file
2. Eclipse
3. Selenium lib, Web driver
4. Fire Bug, Fire Path/Xpathchecker --Plugin

Performance Test / Load Balance Test 🡪 JMeter

Security Test 🡪 Penetration Test

Smoke Test 🡪

UAT 🡪

=======================================================================

#IGITHUB to Jenkins Connection

tc/hostname

192.168.2.1

Change

Node-1

#Specify Node Names

vi /etc/hosts

192.168.2.5

Change

192.168.2.10 Master

192.168.2.5 Node-1

192.168.2.5 Node-2

#Host Name expose Environment variable

export NODE-1\_IP=”NODE PUBLIC IP”