QA/Test Working Group Meeting

Thursday, June 27th, 2019

Attendees:

- robin (Me)
- Andrew Foster
- Malini Bhandaru
- rrangan1
- Rodney Hess
- Bruce Huang
- Cherry Wang
- Cloud
- Jacob Dobkins (Intel)
- Jim White (Dell)
- Vishwas (Intel)

Agenda

<table>
<thead>
<tr>
<th>Time</th>
<th>Item</th>
<th>Who</th>
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<tr>
<td>10 mins</td>
<td>Edinburgh release blackbox testing - test status</td>
<td>Andy (IOTech), Cloud (IOTech)</td>
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<tr>
<td>15 mins</td>
<td>Edinburgh Performance Test Summary – update</td>
<td>Cloud/Bruce (IOTech)</td>
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<tr>
<td>20 mins</td>
<td>iSIM Overview and Test Organization presentation</td>
<td>Ramya/Vishwas (Intel)</td>
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- **Edinburgh Release Blackbox and Performance Testing Status**

  - **Blackbox Tests**
    - Fixed issue #22 related to running mongo on arm64, waiting for PR #24 to be merged
    - 0 test failures on x86, (change 4 -> 0)
      - [https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-centos7-blackbox-4c-2g-master/lastBuild/allure/](https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-centos7-blackbox-4c-2g-master/lastBuild/allure/)
    - 1 test failure ARM (complete failure -> 1)
      - [https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-ubuntu18.04-docker-arm64-4c-2g-master/allure/](https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-ubuntu18.04-docker-arm64-4c-2g-master/allure/)
    - 0 test failures on security job x86 (change 0 -> 0)
      - [https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-security-centos7-blackbox-4c-2g-master/lastBuild/allure/](https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-security-centos7-blackbox-4c-2g-master/lastBuild/allure/)
      - Security job on ARM currently failing. See issue #185

  - **Performance Tests**
    - Preparing automation script to collect data for performance summary report - target to have initial data set ready by end of the week, will review latest data at tomorrow’s WG meeting
    - Updated latest status of JMeter data loss issue put on performance test issue #31 and asking for help on slack
    - Updated document for developing performance test script. PR #36 is under review

See [https://github.com/edgexfoundry/blackbox-testing/issues](https://github.com/edgexfoundry/blackbox-testing/issues)

1. **Edinburgh Performance Test Summary – Update**

2. **iSIM Overview and Test Organization**

**Old Business**

- UI team meeting – every two weeks/every month – complete first meeting UI Project Group Meeting Tuesday 18th June, 10am Taiwan
- Performance metrics – any counters within services needed (Trevor)?
- How does UI track changes in core
- UI dynamically responding to underlying changes
- Logging performance tests – initial PR #18 issued. Aim to include in Fuji release.
- Performance Test Summary
- Test latency using Rules Engine and back to command
- Test latency through to Application Services
• Kong microservice performance
• Another performance test run using Redis as the underlying database in addition to Mongo
• Review CloudWatch logs – will require a ticket to be submitted to LF Request support from AWS

3. New business
• Push the link on to the QA Test Slack Channel
• Enumerate the individual user stories for “Fuii Release” on to the relevant Github project page