

QA/Test Working Group Meeting

Thursday, May 23rd, 2019

Attendees:



Agenda

| Time | Item | Who |
|---------|---|-------------------------------|
| 15 mins | <ol style="list-style-type: none">Edinburgh release blackbox testing - test status and open issues reviewEdinburgh QA/Test objectives review | Andy (IOTech), Cloud (IOTech) |
| 20 mins | Edinburgh performance tests review | Cloud, Cherry (IOTech) |
| 15 mins | New business | All |

• Edinburgh Release Blackbox Testing Status

- Fixed issue #168, #185, #200, #220, #222, #224, #228, #229
- Merged PR #216, #223, #225, #227, #230, #231
- Reviewing PR #233, #234, #236
- Performance Test

- Opened ci-management issue #375 for adding schedule on performance test job. (I will fix it if no any concern.)
 - Added core-command test cases.
- Issue #1308 caused all of scheduler test cases failed on blackbox-testing – now fixed Issue should be closed
- 5 test failures on x86, (change 5 -> 14)
 - <https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-centos7-blackbox-4c-2g-master/lastBuild/allure/>
May need to trigger tests manually
- 4 test failures on ARM (change 4 -> 0)
 - <https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-ubuntu18.04-docker-arm64-4c-2g-master/allure/#>
- 5 new test failure on security job x86 (change 5 -> 14)
 - <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](#)
- See <https://github.com/edgexfoundry/blackbox-testing/issues>

• Edinburgh QA/Test objectives Review

| Requirement | Status | Notes |
|--|--------------------|---|
| Visualization/dashboard of test results | Complete | Allure dashboarding for blackbox test deployed on EdgeX Jenkins Server |
| Capture of resource metrics to monitor performance | In Progress | Setup of Telegraf+InfluxDB+Grafana (TIG) stack complete on main Jenkins server, final verification is progress |
| Performance/load testing | In Progress | As above. |
| Automated blackbox testing for Security Services | In progress | Kong not officially supported on ARM 64 issue #185 re-opened. More research needed |
| Automated blackbox testing for new Go Scheduling Service | Complete | Being developed by the Core WG. |
| Swagger Documentation | Not Started | Has not been prioritized for Edinburgh |

• New business

- Intel iTAF document - currently being reviewed
- Logging performance tests – initial PR [#18](#) issued. Aim to include in the EdgeX 1.0.1 dot release.
- Setup Fuji planning sessions once code freeze in place (AWF)
- iSIM document – Intel will start to present contents of document