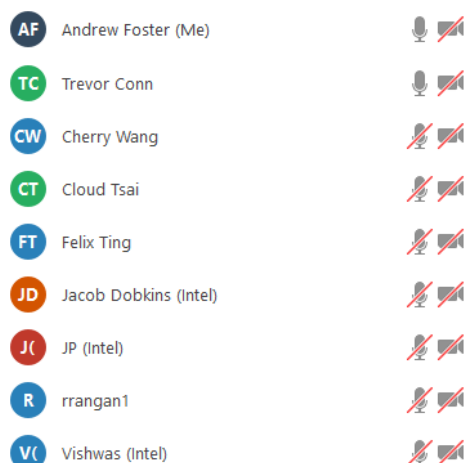


QA/Test Working Group Meeting

Thursday, May 9th, 2019

Attendees:



Jim White (Dell) – also attended the meeting

Agenda

Time	Item	Who
15 mins	Edinburgh release blackbox testing - test status and open issues review	Andy (IOTech), Cloud (IOTech)
15 mins	Seoul F2F – Meeting Outcomes	Andy (IOTech)
15 mins	New business	All

• Edinburgh Release Blackbox Testing Status

- Fixed issue [#205](#), [#208](#), [#210](#), [#212](#), [#214](#), [#217](#)
- Merged PR [#206](#), [#207](#), [#209](#), [#211](#), [#213](#), [#215](#), [#218](#), [#219](#)
- The following edgex-go issues cause some testcases failed on blackbox-testing
 - Transmission issue [#1315](#), [#1316](#), [#1317](#)
 - Scheduler issue [#1308](#)

- Device service issue [#87](#)
- Core command issue [#1296](#)
- 5 test failures on x86, (change 5 -> 56)
 - <https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-centos7-blackbox-4c-2g-master/lastBuild/allure/>
- 4 test failures on ARM (change 4 -> 58)
 - <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 -> 54)
 - <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	<p>Created Telegraf+InfluxDB+Grafana (TIG) stack to provides metrics (CPU, Memory) on EdgeX services.</p> <p><i>LF have created and tested TIG stack setup.</i></p> <p><i>QA/Test team have created a Jenkins Job for LF deployment and are currently testing on Sandbox. Subject to PRs #9 (edgexfoundry-holding) and #338 (ci-management).</i></p>
Performance/load testing	In Progress	<p>Using JMeter to drive EdgeX APIs. TIG stack used to record API response times and metrics.</p> <p><i>Tests running successfully on Jenkins Sandbox. Can also run multiple tests in parallel.</i></p> <p><i>Tests have been moved from holding area to main repo.</i></p> <p><u>Next Steps</u> <i>Add additional performance tests – in progress</i></p>
Automated blackbox testing for Security Services	In progress	<i>Kong not officially supported on ARM 64 issue #185. Security WG have now built Kong for ARM64 and this is being added EdgeX repo.</i>
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
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- **Seoul Face-to-Face Outcomes**

- Agreed Fuji roadmap

- **New business**

- Intel iTAF document - currently being reviewed
- Logging performance tests – initial PR [#18](#) issued
- Startup times performance test – will require EdgeX microservices to be modified to return startup times in response to <http://localhost:48096/api/v1/metrics>.