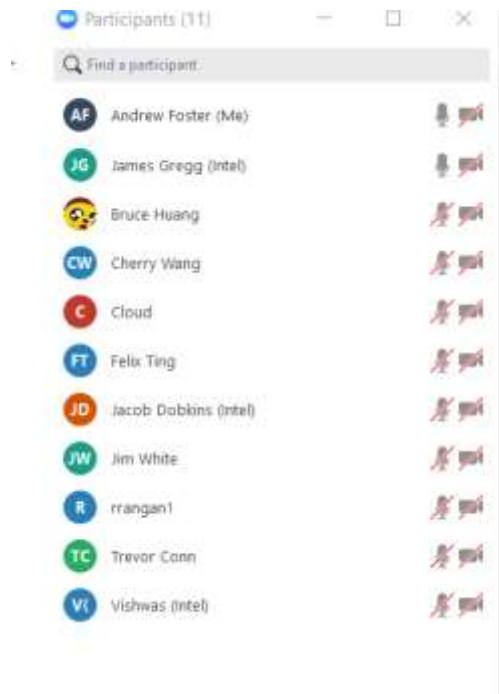


QA/Test Working Group Meeting

Thursday, June 20th, 2019

Attendees:



Agenda

Time	Item	Who
10 mins	Edinburgh release blackbox testing - test status	Andy (IOTech), Cloud (IOTech)
10 mins	Edinburgh QA/Test objectives review	Andy (IOTech), Cloud (IOTech)
15 mins	Edinburgh Performance Test Summary – update and demo	Andy (IOTech), Cloud (IOTech)
15 mins	New business	All

- **Edinburgh Release Blackbox and Performance Testing Status**
- Performance Test
 - Preparing automation script to collect data for performance summary report

- 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
- Blackbox Tests
 - 0 test failures on x86, (change 0 -> 4)
 - <https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-centos7-blackbox-4c-2g-master/lastBuild/allure/>
 - Last two ARM jobs have failed (change 0 -> complete failure!!)
 - <https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-ubuntu18.04-docker-arm64-4c-2g-master/allure/#>
 - 2 test failures on security job x86 (change 2 -> 0)
 - <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>

1. 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	<i>Test running on main Jenkins server, final verification is progress. Investigating missing data during 24 hour test. See issue #31</i> <i>Review CloudWatch logs – will require a ticket to be submitted to LF</i> <i>Request support from AWS</i>
Performance/load testing	In Progress	<i>As above.</i>
Automated blackbox testing for Security Services	Complete	Security tests passing on x86. Security job on AEM failing dur to Kong not bring officially supported on ARM 64 issue #185 re-opened. Requires additional investigation. May not make v1.0 release.
Automated blackbox testing for new Go Scheduling Service	Complete	Being developed by the Core WG.
Swagger Documentation	Not Started	Now Scheduled for Fuji release.

2. Edinburgh Performance Test Summary – Update and Demo

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

3. New business

- Robot Test Framework rollout - iTAF/iSIM update (Ramya/Vishwas) – access to demo code and test utilities currently going through sign off process (4-5 week approx).
- Decide on test directory structure/ reporting – review with WG
- Setup iTAF Robot demo in holding area <https://github.com/edgexfoundry-holding/edgex-taf>