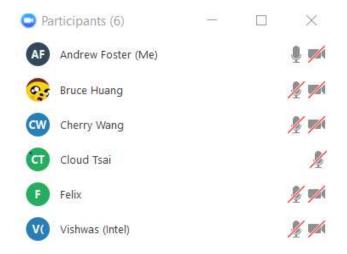
QA/Test Working Group Meeting

Thursday, April 25th, 2019

Attendees:



Agenda

Time	Item	Who
10 mins	Edinburgh release blackbox testing - test status and open issues review	Andy (IOTech), Cloud (IOTech)
25 mins	Seoul F2F - Fuji roadmap Andy (IOTech)	
15 mins	Swagger (OAS) API documentation presentation	All
10 mins	New business	All

• Edinburgh Release Blackbox Testing Status

• 5 test failures on x86, (change 1 -> 5) previous issue #1187, PR 1248 resolved, 4 of new failures related to issue #205 and #174

- https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-centos7-blackbox-4c-2g-master/lastBuild/allure/
- 4 test failures on ARM build #246 (change 0 -> 4) 4 of new failures related to issue #205 and #174
 - 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 1 -> 5), previous issue #1187, PR 1248 resolved, 4 of new failures related to issue #205 and #174
 - 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	Created Telegraf+InfuxDB+Grafana (TIG) stack to provides metrics (CPU, Memory) on EdgeX services. LF have created and tested TIG stack setup. 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).
Performance/load testing		Using JMeter to drive EdgeX APIs. TIG stack used to record API response times and metrics. Tests running successfully on Jenkins Sandbox. Can also run multiple tests in parallel. Next Steps Refine Jenkins pipeline Move tests from holding area to main repo Add additional performance tests
Automated blackbox testing for Security Services	In progress	Kong not officially supported on ARM 64 <u>issue</u> #185. Security WG have now built Kong for ARM64 and this is being added EdgeX repo.
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

• Seoul Face-to-Face Planning

• See https://wiki.edgexfoundry.org/display/FA/Seoul+Face2Face+April+29th+-+May+2nd+2019 and https://wiki.edgexfoundry.org/pages/viewpage.action?pageld=27492436

New business

- Logging performance tests
- Startup times performance tests
- Intel iTAF document update?