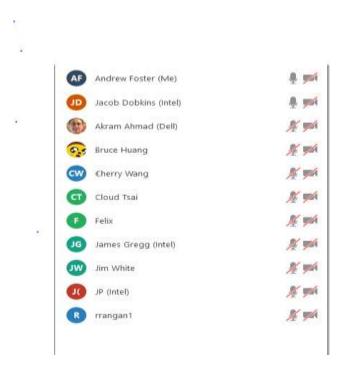
QA/Test Working Group Meeting

Thursday, April 11th, 2019

Attendees:



Agenda

Time	Item	Who
15 mins	Edinburgh release blackbox testing - test status and open issues review	Andy (IOTech), Cloud (IOTech)
10 mins	Edinburgh QA/Test objectives – review status of committed work	Andy (IOTech)
15 mins	Seoul Face-to-Face Planning	All
	New business	All

• Edinburgh Release Blackbox Testing Status

- 9 test failures on x86, (change 4 -> 9)
 - https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-centos7-blackbox-4c-2g-master/lastBuild/allure/
- 6 test failures on ARM (change 2 -> 6)
 - https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-ubuntu18.04-docker-arm64-4c-2g-master/allure/#
- 1 test failures on security job x86, (change 2 -> 1)
 - 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 initial TIG stack configuration.
		QA/Test team have automated initial tests on local Jenkins infrastructure and are in process of creating Jenkins Job for LF deployment. PRs #9 (edgexfoundry-holding) and #338 (cimanagement) issued and waiting for review
Performance/load testing	In Progress	Using JMeter to drive EdgeX APIs. TIG stack used to record API response times and metrics. Waiting for completion of Jenkins work described above.
Automated blackbox testing for Security Services	In progress	Have reviewed job failure on ARM issue #185. Kong not officially supported on ARM 64. Security WG have now built Kong for ARM64 and this is being tested.
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?pageId=27492436

New business

- Review edgex-go issue #1187 Create a critical notification takes time over 1s change to asynchronous call. Test only fails when dockerized, passes locally (not taking 200ms).
- Where did desired API response times originate from (Ramya, Intel)?
- Walt (intel) is making progress with Logging performance tests
- Next meeting discuss startup times performance tests
- Intel iTAF document stuck in review