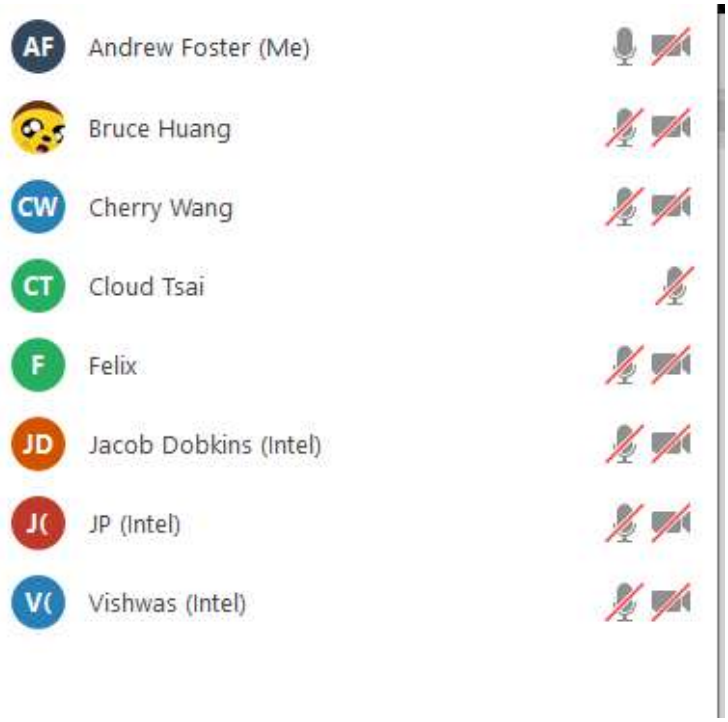
QA/Test Working Group Meeting

Thursday, April 18th, 2019

Attendees:



Agenda

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

- **Edinburgh Release Blackbox Testing Status**

- 1 test failure on x86, **(change 9 -> 1)** Issue #1187, PR 1248
  - https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-centos7-blackbox-4c-2g-master/lastBuild/allure/
- 0 test failures on ARM build #246 **(change 6 -> 0)** however build #247 failed
  - https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-ubuntu18.04-docker-arm64-4c-2g-master/allure/#
- 1 test failure on security job x86, **(no change 1)** #1187, PR 1248
  - 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	**In Progress**	Using JMeter to drive EdgeX APIs. TIG stack used to record API response times and metrics. ***Currently being tested on Jenkins Sandbox.***
Automated blackbox testing for Security Services	**In progress**	***Kong not officially supported on ARM 64 issue #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?pageId=27492436

- **New business**
  - Logging performance tests
  - Startup times performance tests
  - Intel iTAF document – update ?