QA/Test Working Group Meeting

Tuesday, February 4th 2020

Attendees:
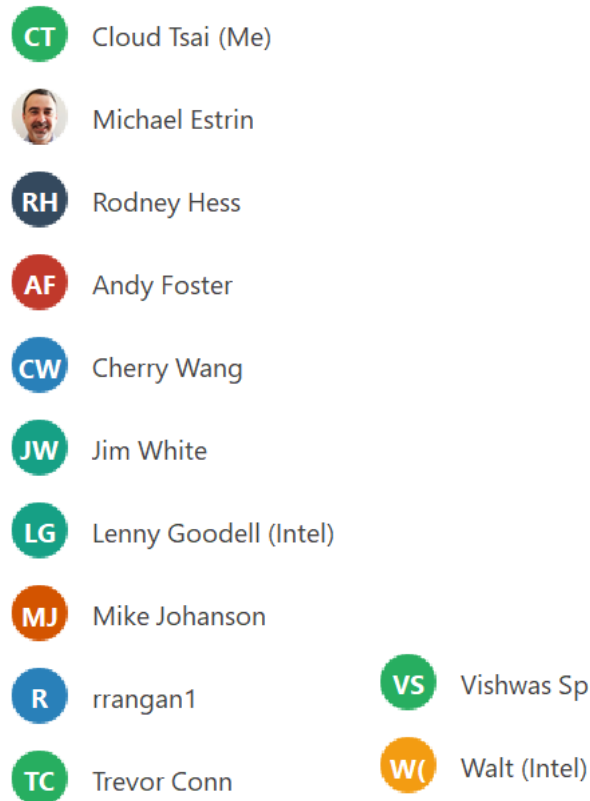
Agenda

Time	Item	Who
5 mins	Blackbox testing - test status	Cloud (IOTech)
15 mins	APIv2 Version Property and Backward/Forward Compatibility	Michael Estrin (Dell)
30 mins	Discussion on Black Box Testing Approach	General Discussion
5 mins	New business	All

1. Blackbox Testing Status

- Failed testcases
    - Issue #384 on blackbox-testing for SMA operation "restart" failed on ARM 64
    - Issue #2237 on edgex-go will fix core-command test failure

- Reviewing PR
  - Draft PR [#371](), sending tests through kong
  - PR [#374](), working in progress, run blackbox test on both database, mongo and redis

- 2 test failures on x86
  - https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-centos7-blackbox-4c-2g-master/736/allure/

- 6 test failures ARM
  - https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-ubuntu18.04-docker-arm64-4c-2g-master/594/allure/

- 2 test failures on security job x86
  - https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-security-centos7-blackbox-4c-2g-master/451/allure/
- 7 test failures on security job ARM
  - https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-security-ubuntu18.04-docker-arm64-4c-2g-master/420/allure/

New Blackbox Test
  - PR [#14]() on edgex-taf for how to run edgex-taf document, needing to update for new folder structure
  - Opened draft PR [#28]() on edgex-taf for changing file structure under review

- **Black Box Testing Issues** :
  See https://github.com/edgexfoundry/blackbox-testing/issues

- **Performance Testing Issues**:
  See https://github.com/edgexfoundry/performance-test/issues

- **QA Test Project Board**:
  See https://github.com/edgexfoundry/blackbox-testing/projects/2

2. Update On Swagger
- Opened PR [#2329](), for adding v1 API files to edgex-go repository under review
- Opened PR [#2331](), for posting API files to SwaggerHub automatically under review

3. Discussion on the Test Approach Going Forward
- Discussion on the test approach going forward for new API changes. Proposal to develop local API in each of the local repositories (Michael Estrin: Not To Use the TAF Framework but to use GO instead). Higher Level Testing required to test the Edge Built Image using the TAF Test Framework.

4. New business
  - Ramya suggested a project in Akraino to use
    https://wiki.akraino.org/display/AK/ELIOT%3A+Edge+Lightweight+and+IoT+Blueprint+Family
  - Update the blackbox document about how to manually run the postman test with the latest changes, including retrieving the nightly build docker-compose file and running with two databases.
  - Markdown document conversion is in progress.