QA/Test Working Group Meeting

Tuesday, February 11th 2020

Attendees:
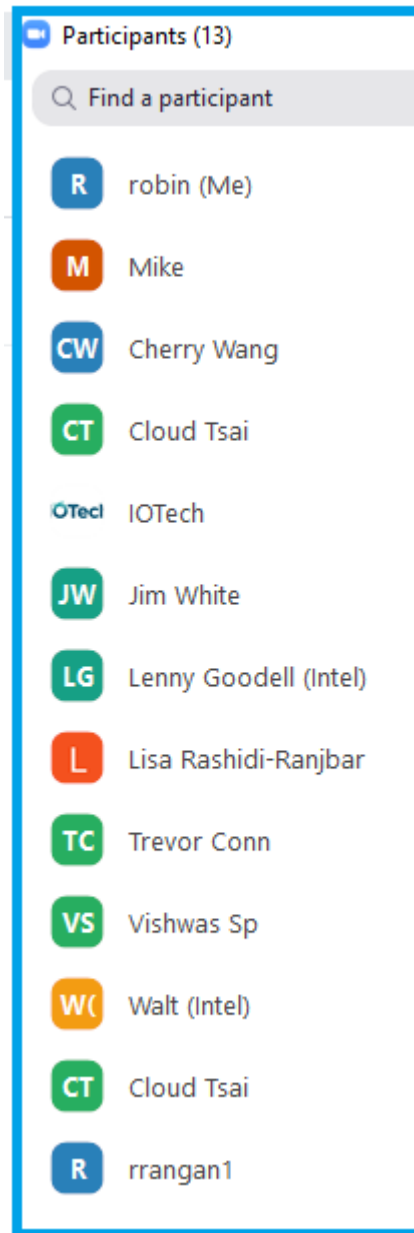
Agenda

Time	Item	Who
5 mins	Blackbox testing - test status	Robin (IOTech)
10 mins	V1.X Backwards Compatibility Testing	Cloud (IOTech)

10 mins	Swagger Documentation Update	Cloud (IOTech)
5 mins	V1 Swagger Discussion	Cloud (IOTech)
10 mins	Markdown Conversion	Mike Johansson
10 mins	New business	All

1. Blackbox Testing Status

- Failed testcases
  - Issue #384 on blackbox-testing for SMA operation "restart" failed on Arm
  - Issue #386 on blackbox-testing for failed tests of valuedescriptor
  - Issue #2237 on edgex-go will fix core-command test failure
- Fixed Issue
  - Issue #343, Modify API path to go through Kong when security is enabled
- Reviewing PR
  - Draft PR #385, update database to use redis by default
  - Draft PR #374, run blackbox test on both database, mongo and redis

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

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

- 3 test failures on security job x86
  - https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-security-centos7-blackbox-4c-2g-master/451/allure/
- 11 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
  - Merged PR #14 on edgex-taf for how to run edgex-taf document
  - Merged PR #28 on edgex-taf for changing file structure

- **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
  - Draft PR #2305 on edgex-go, will integrate the step of posting API files to SwaggerHub automatically

3. V1.X Backwards Compatibility Testing
4. Swagger Documentation Update
5. V1 Swagger Documentation (Open Discussion)
6. Markdown Conversion
7. 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.