QA/Test Working Group Meeting

Thursday, October 22nd 2019

Attendees:
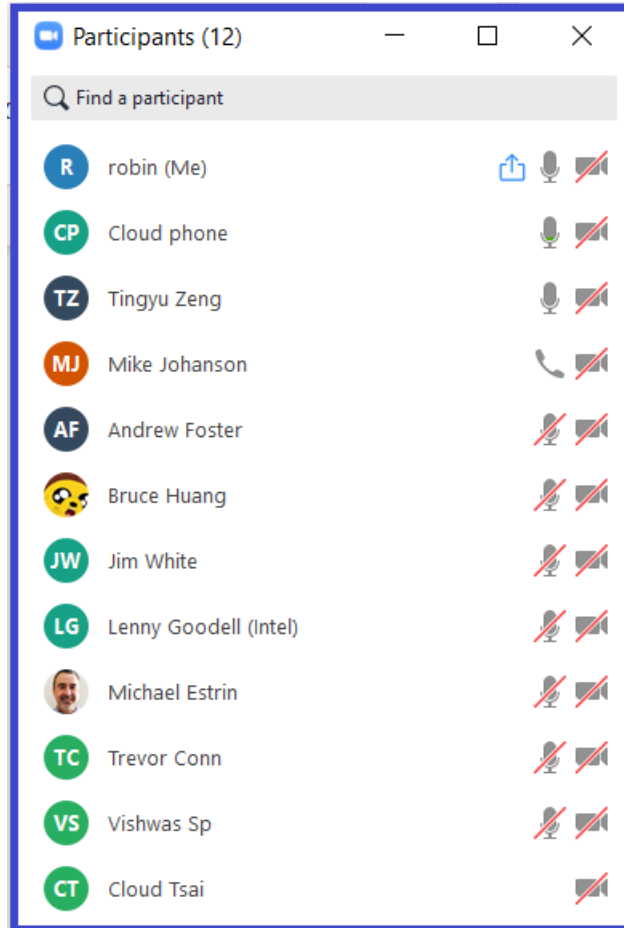
Agenda

Time	Item	Who
10 mins	Blackbox testing - test status	Robin (IOTech), Cloud (IOTech)
15 mins	Robot framework rollout and Device Service testing status	All
15 mins	RAML to Swagger API documentation status	Cloud (IOTech)
15 mins	Certification review	Cloud (IOTech)
5 mins	New business	All

1. Blackbox Testing Status

o Fixed issue #278, #280, merged PR #279, #281, #283
o Issue #1909, #1911, #1912 on edgex-go for failed testcases are closed.

- 1 test failures on x86, (change 1 -> NA)
    - https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-centos7-blackbox-4c-2g-master/lastBuild/allure/

- 30 test failure ARM (change 30 -> NA)
    - https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-ubuntu18.04-docker-arm64-4c-2g-master/allure/#

- 20 test failures on security job x86 (change 20 -> NA)
    - https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-security-centos7-blackbox-4c-2g-master/lastBuild/allure/

- 35 test failure ARM (35 -> NA)

    https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-security-ubuntu18.04-docker-arm64-4c-2g-master/264/allure/

    Note : Issue 185 (Kong image has been upgraded to 64 it) has been resolved by PR 73 and the tests can now run.

New Blackbox Test
- o PR #10 on edgex-taf and #5 on edgex-taf-common are merged.
- o Moving edgex-taf and edgex-taf-common to official repositories
- **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/orgs/edgexfoundry/projects/27

2. Robot framework rollout and Device Service testing status

- Our opinion is that Jenkin's integration with testing for Modbus Device Service with the Modbus simulator and the Virtual Device Service (with 28 additional tests).

3. RAML to Swagger API documentation status

- o Swaggerhub account is available
- o PR #357 for Device-SDK API document is merged
- o API docs are pushed to edgex-api-docs repository
- o API can be sync from swaggerhub to github, but not from github to swaggerhub
- o Action : Fall-back with Tom to synchronize on aforementioned problems

4. Certification Support

- o Developing test script for device service
- ▪ Finished testcases: 22, remaining 28

5. New business

- o ~~Get the issue number pertaining to the Backward Compatibility Testing and add it.~~

- ~~Discussion on tools (Before the Budget gets decided) – Get back to Jim with propositions~~
- ~~Next two meetings are cancelled. Next meeting on the 10th of October.~~
- ~~Make sure our backlog is up to date.~~
- ~~Geneva Planning Process to commence in the next of couple of weeks.~~
- To verify on a Linux framework : Cloud's team taking the responsibility
  - Verify which service is crashing → Find Problem container
  - If Clouds team has no luck → Michael to set-up Joint Debug Session (6 a.m. CST)
  - Further follow up session at 9 a.m CST (if Required)