QA/Test Working Group Meeting

Thursday, September 5th 2019

Attendees:

Agenda

Time	Item	Who
10 mins	Blackbox testing - test status	Robin (IOTech) , Cloud (IOTech)
10 mins	Edinburgh Performance Summary Update	Cloud/Bruce (IOTech)
10 mins	Dynamic Configuration For Black Box Testing	General Discussion

10 mins	Edinburgh/Fuji backward compatibility testing – Follow Up	Trevor C & Cloud/Bruce (IOTech)
5 mins	Investigation Update [RAML -> Swagger conversion]	Cloud (IOTech)
10 mins	Adjustments of EdgeX-Taf – Follow Up	Cloud (IOTech)
5 mins	New business	All

1. Blackbox Testing Status

o edgex-go issue opened [#1706](#) for incorrect return code on core-command
o Merged PR [#260](#) to fix issue [#259](#) [#203](#)
• PR [#263](#) for new tests of APP Function SDK is under reviewing
• 5 test failures on x86, (change 5 -> 5)
  ▪ https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-centos7-blackbox-4c-2g-master/lastBuild/allure/

• 10 test failure ARM (change 10 -> 10)
  ▪ https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-ubuntu18.04-docker-arm64-4c-2g-master/allure/#

• 2 test failures on security job x86 (change 2 -> 2)
  ▪ 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](#)

New Blackbox Test
• Initial code of edgex-taf and edgex-taf-common are under review.
• Making the adjustment on edgex-taf.

  • **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. Edinburgh Performance Summary Update
o ~~Clarification on the latency tests when using Redis related export service.~~

3. Black Box Testing – Testing Different configurations

- o Discussion on having a dynamic configuration i.e. ability of the test set-up to have different configurations as against the current static model i.e. currently only one static configuration is supported.
- o **Follow Up Action:** <u>Find a way to use the TAF framework in the context of the Postman framework to engender the testing of multifarious configurations based on the Configuration Matrix. Trevor intends to provide the Configuration Matrix by Next Friday.</u>

4. Edinburgh/Fuji backward compatibility testing – Follow Up

- o Follow up discussions on the particulars in terms of testing with reference to Edinburgh/Fuji backward compatibility testing.

5. Investigation Update [RAML -> Swagger conversion]

- o Waiting for swagger-hub account.
- o PR [#357](#) for Device-SDK API document is under reviewing

6. Adjustments of EdgeX-Taf – Follow Up

7. New business

- o ~~Discussion on backward compatibility discussing.~~
- o ~~Follow up discussions on the particulars in terms of testing with reference to Edinburgh/Fuji backward compatibility testing.~~
- o ~~Adjustments of EdgeX-Taf – Follow Up~~
- o Alternate the times for this meeting