QA/Test Working Group Meeting

Thursday, September 5th 2019

Attendees:

Agenda

<table>
<thead>
<tr>
<th>Time</th>
<th>Item</th>
<th>Who</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 mins</td>
<td>Blackbox testing - test status</td>
<td>Robin (IOTech), Cloud (IOTech)</td>
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<tr>
<td>10 mins</td>
<td>Edinburgh Performance Summary Update</td>
<td>Cloud/Bruce (IOTech)</td>
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<tr>
<td>10 mins</td>
<td>Dynamic Configuration For Black Box Testing</td>
<td>General Discussion</td>
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</table>
### 1. Blackbox Testing Status

- edgex-go issue opened [#1706](#) for incorrect return code on core-command
- 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

- Clarification on the latency tests when using Redis related export service.

### 3. Black Box Testing – Testing Different configurations
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.

**Follow Up Action:** 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.

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

5. Investigation Update [RAML -> Swagger conversion]
   - Waiting for swagger-hub account.
   - PR #357 for Device-SDK API document is under reviewing

6. Adjustments of EdgeX-Taf – Follow Up

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