QA/Test Working Group Meeting

Thursday, December 3rd 2019

Attendees:

![Participants list]

Agenda

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<thead>
<tr>
<th>Time</th>
<th>Item</th>
<th>Who</th>
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<tr>
<td>10 mins</td>
<td>Blackbox testing - test status</td>
<td>Robin (IOTech)</td>
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<tr>
<td>5 mins</td>
<td>Swagger API documentation Creation</td>
<td>General Discussion</td>
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<tr>
<td>5 mins</td>
<td>Device Service Testing</td>
<td>Robin (IOTech)</td>
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<td>15 mins</td>
<td>Flow of PR Verification</td>
<td>Cloud (IOTech)</td>
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<td>5 mins</td>
<td>New business</td>
<td>All</td>
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1. Blackbox Testing Status

- Failed testcases on arm64 which failed by response time
  - Use newman 4.5.1 has response time issue, but not on newman 3.9.4
  - We will investigate suitable newman version for arm64 platform
- 1 test failures on x86, (change 0 -> 1)
  - [https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-centos7-blackbox-4c-2g-fuji/lastBuild/allure/](https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-centos7-blackbox-4c-2g-fuji/lastBuild/allure/)
• 38 test failure ARM (change 30 -> 38)
  ▪  https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-ubuntu18.04-docker-arm64-4c-2g-fuji/allure/

• 0 test failures on security job x86 (change 0 -> 0)
  ▪  https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-security-centos7-blackbox-4c-2g-fuji/allure/

• 28 test failures on security job (change 31 -> 28)
  ▪  https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-security-ubuntu18.04-docker-arm64-4c-2g-fuji/allure/

### New Blackbox Test
- Open #14 on edgex-taf and #7 on edgex-taf-common under review
- Open PR #516 on ci-management under view
- Above PRs are for running device-virtual and device-modbus on LF Jenkins

### 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

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### 2. Swagger API documentation creation
- Waiting for the decision of the process we presented and the consistent Swagger version.

### 3. Device Service Testing
- Developing test script for device service
  ▪  Finished testcases: 43 (All completed)
  ▪  Passed testcases: 41/39, Failed testcases: 2/4
  ▪  Opened issue #390 for failed testcases is fixed, waiting for new image to verify.

### 4. Flow of PR Verification

### 5. New business
- Alex needs to update repo’s README.md to talk to the tool’s current API coverage.
- WG to suggest a shared work space for sharing the TAF tutorial document
  - CISCO Documentation
  - Rules Engine Version Clarification (Action -> Cloud)
  - ARM Security Build Investigation
  - SwaggerHub Follow Up (JW + Robin)
  - 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)