A/Test Working Group Meeting

Tuesday, January 7th 2020

Attendees:

<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)</td>
</tr>
<tr>
<td>5 mins</td>
<td>Update On Swagger</td>
<td>Robin (IOTech)</td>
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<tr>
<td>40 mins</td>
<td>Discussion on Black Box Testing Approach</td>
<td>General Discussion</td>
</tr>
<tr>
<td>5 mins</td>
<td>New business</td>
<td>All</td>
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1. Blackbox Testing Status
• Fixed issue/PR
  ▪ Removed Rules-engine testcases
  ▪ Transmission issue on redis
  ▪ Using docker-compose of developer-script for Black-Box testing
  ▪ Security Black-Box tests failing
• Reviewing PR
  ▪ Draft PR #371, sending tests through kong
  ▪ PR #362, enable SMA testcases1 test failures on x86, (change 2 -> 1)
• 3 test failures on x86
  ▪ [Link](https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-security-centos7-blackbox-4c-2g-master/419/allure/)
• 6 test failures ARM
  ▪ [Link](https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-security-ubuntu18.04-docker-arm64-4c-2g-master/388/allure/)
• 6 test failures on security job x86
  ▪ [Link](https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-security-ubuntu18.04-docker-arm64-4c-2g-master/388/allure/)

**New Blackbox Test**
- PR #14, #16 on edgex-taf still under review
- Issue #515 on ci-management opened for failing to create edgex-taf image

• **Black Box Testing Issues** :
  See [https://github.com/edgexfoundry/blackbox-testing/issues](https://github.com/edgexfoundry/blackbox-testing/issues)

• **Performance Testing Issues**:

• **QA Test Project Board**:
  See [https://github.com/edgexfoundry/blackbox-testing/projects/2](https://github.com/edgexfoundry/blackbox-testing/projects/2)

2. **Update On Swagger**
• Opened draft PR #3 on edgex-api-docs repository under review.
• Opened draft PR #531 on ci-management repository under review.

3. **Discussion on the Test Approach Going Forward**
• Discussion on the test approach going forward for new API changes. Proposal to develop local API in each of the local repositories (Michael Estrin: Not To Use the TAF Framework but to use GO instead). Higher Level Testing required to test the Edge Built Image using the TAF Test Framework.

4. **New business**
  • TAF Architecture for including the CLI Flow – Proof Of Concept (Link: [https://github.com/edgexfoundry-holding/edgex-cli](https://github.com/edgexfoundry-holding/edgex-cli)).
  • 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)