A/Test Working Group Meeting

Tuesday, January 7th 2020

Attendees:
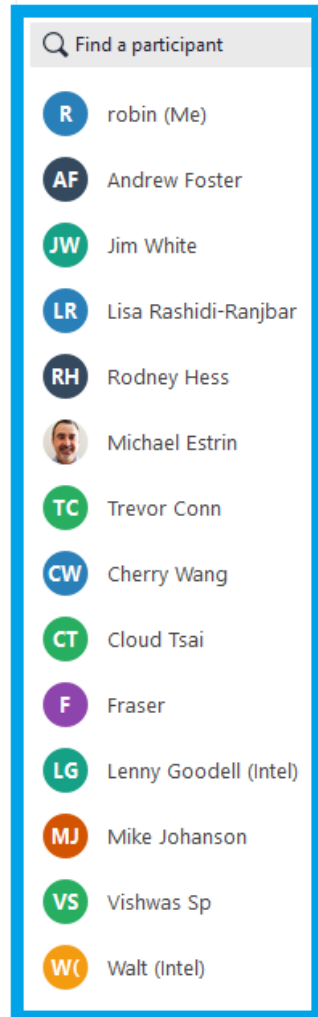
Agenda

Time	Item	Who
10 mins	Blackbox testing - test status	Robin (IOTech)
5 mins	Update On Swagger	Robin (IOTech)
40 mins	Discussion on Black Box Testing Approach	General Discussion
5 mins	New business	All

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
  - https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-security-centos7-blackbox-4c-2g-master/419/allure/

- 6 test failures ARM
  - 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
  - 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

- **Performance Testing Issues**:
  See https://github.com/edgexfoundry/performance-test/issues

- **QA Test Project Board**:
  See 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).
- 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)~~