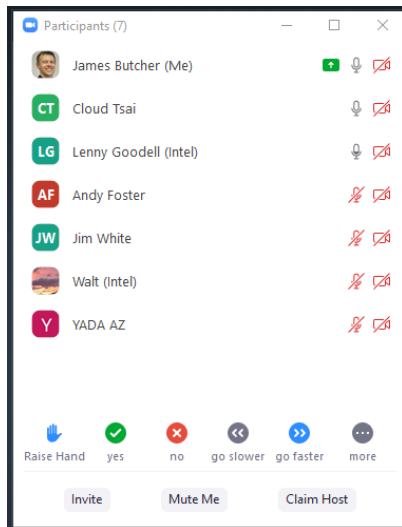# QA/Test Working Group Meeting - 23rd June 2020

Attendees

Agenda

- Introductions (James first WG chair meeting)
- Blackbox testing status – Postman & TAF
- New business

Blackbox Testing Status

- Postman Blackbox tests

    o Working issues
        - Issue #452, update to use new multi-file compose file.
            - Hopefully completed this week
    o Fixed issues
        - Issue #460, upgrade app service version in Geneva branch

OS		DB	Total TCs No.	Failed TCs No. of Past Week	Failed TCs No. of This Week	Fixed TCs No.
x86_64 / CentOS	Non-Security	Mongo	1312	0	0	0
		Redis	1312	0	0	0
x86_64 / CentOS	Security	Mongo	1342	0	0	0
		Redis	1342	0	0	0
arm64 / Ubuntu	Non-Security	Mongo	1312	0	0	0
		Redis	1312	0	0	0
arm64 / Ubuntu	Security	Mongo	1342	0	0	0
		Redis	1342	0	0	0

TAF blackbox test

- o Working issues
  - ▪ Issue #122, to update to use new multi-file compose file.
  - ▪ PR ci-build-image#135, Build compose image with make and unzip (need DevOps team's help)
- o Fixed issues
  - ▪ Issue #127, to upgrade the images version to use the Geneva dot release on Geneva branch.
  - ▪ Issue #126, to backward test got undefined network error.
  - ▪ Issue #124, to add "--security-opt label:disable" in docker run command
  - ▪ Issue edgex-taf-pipelines#30, got permission denied when running test on centos.

TAF Functional Test Cases

OS		DB	Total TCs No.	Failed TCs No. of Past Week	Failed TCs No. of This Week	Fixed TCs No.
x86_64 / CentOS	Non-Security	Redis	52	52	0	52
x86_64 / CentOS	Security	Redis	52	52	0	52
arm64 / Ubuntu	Non-Security	Redis	52	0	0	0
arm64 / Ubuntu	Security	Redis	52	0	0	0

TAF Integration Test Cases

OS		DB	Total TCs No.	Failed TCs No. of Past Week	Failed TCs No. of This Week	Fixed TCs No.
x86_64 / CentOS	Non-Security	Redis	6	6	0	6
x86_64 / CentOS	Security	Redis	6	6	0	6
arm64 / Ubuntu	Non-Security	Redis	6	0	0	0
arm64 / Ubuntu	Security	Redis	6	0	0	0

TAF Compatibility Test Cases

OS		DB	Total TCs No.	Failed TCs No. of Past Week	Failed TCs No. of This Week	Fixed TCs No.
x86_64 / CentOS	Non-Security	Redis	12	12	0	12
x86_64 / CentOS	Security	Redis	12	12	0	12
arm64 / Ubuntu	Non-Security	Redis	12	0	0	0
arm64 / Ubuntu	Security	Redis	12	0	0	0

New business

- Discussion of dropping backward compatibility in security mode – will break compatibility with new setting changes, important just to verify that Security APIs are backwardly compatible. Will open PR and get feedback at next WG meeting.
  - Meeting Conclusion: Not a valid test case to use different security approaches of different EdgeX versions. The APIs are compatible, but the security need not be, therefore agreed to drop the security backwards compatibility testing

- Ramya: Good to get user/customer feedback to any test cases that are lacking
  - James to monitor the slack channels for feedback relating to testing strategy. Normal practice is the QA-Test members discuss test strategy at beginning of each cycle. Main focus for Hanoi will be the V2 API testing

- Lenny: Good to look at kanban tasks in future meetings, not just the current test status.
  - Agreed, will add to next week's meeting

- Mongo no longer supported so should remove mongo tests from Postman blackbox tests. Will reduce load on the test machines.

Old business

- EdgeX User Documentation – review/updates required
  - Ongoing, anyone can make doc suggestions at any time. Will remove

- Akraino Hanoi testing (Ramya) – test Hanoi on blueprint at future point closer to release possibly on updated blueprint
  - Lowered priority can remove

- End of June Ramya demo doxygen generated test cases documentation
  - Ramya to contact James with suggest week for this demo