QA/Test Working Group Meeting

Thursday, March 21st, 2019

Attendees:

Agenda

Time	Item	Who
10 mins	Edinburgh release blackbox testing - test status and open issues review	Andy (IOTech), Cloud (IOTech)
10 mins	Edinburgh QA/Test objectives – review status of committed work	Andy (IOTech)
	New business	All

- **Edinburgh Release Blackbox Testing Status**
  - 2 test failures on x86
    - https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-centos7-blackbox-4c-2g-master/lastBuild/allure/
  - 6 test failures on ARM

- 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
    - 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 https://github.com/edgexfoundry/blackbox-testing/issues

- **Edinburgh QA/Test objectives Review**

Requirement	Status	Notes
Visualization/dashboard of test results	**Complete**	Allure dashboarding for blackbox test deployed on EdgeX Jenkins Server
Capture of resource metrics to monitor performance	**In Progress**	Created Telegraf+InfuxDB+Grafana (TIG) stack to provides metrics (CPU, Memory) on EdgeX services. ***Working with DevOps and LF to get TIG stack setup on LF infrastructure.*** ***LF created initial TIG stack configuration.*** ***QA/Test team have automated initial tests on local Jenkins infrastructure.***
Performance/load testing	**In Progress**	Using JMeter to drive EdgeX APIs. TIG stack used to record API response times and metrics. ***Completed dockerizing JMeter to enable automation of initial performance tests.***
Automated blackbox testing for Security Services	**In progress**	***Reviewing job failure on ARM issue #185.***
Automated blackbox testing for new Go Scheduling Service	**Complete**	Being developed by the Core WG.
Swagger Documentation	**Not Started**	Has not been prioritized for Edinburgh

- **New business**
  - Next meeting Intel to present test documentation approach
  - How does Cucumber integrate with CI/CD ?
  - Ramya (Intel) to send iTAF document to Andy