EdgeX Certification Working Group

Notes from presentation to TSC Apr 30, 2019

Attendees:

TSC + others (~20 people)

Presented the plan created by WG. Notes below are from discussion:

Terminology of "self-assessment" not very clear. Discussion of how to name "levels" of certification. Suggestion to name "self-assessment" as EdgeX Ready.

Need to add documentation as an element of what certification is expecting.

General agreement to start with device services.

Discussion around when recertification may be required. General acceptance of WG proposal to tie certification to EdgeX release and then leave detection and evaluation of component changes to the user.

Agreement that 3rd party certification would be good. Discussion about how it has worked for other organizations. Most open source projects don't have certification.

PCI appointed multiple testing vendors and let customer choose.

Would be good if testing organization could handle all funds and setting price.

We will need to certify the certification authority! For first few then periodic audits.

All black box tests will be public.

Extensive discussion over whether we should try to do formal certification first or self-assessment. Some liked have the greater "authority" of certification. Others felt that it was too heavy for now. Formal certification might discourage organizations from working with EdgeX.

Not doing formal process will enable us to postpone a lot of process, legal and infrastructure work.

Self-assessment would require work that was needed anyway (black box tests) plus some instructions.

Decision: Start with self-assessment.

Once self-assessment is working, the initial certification program could be as simple as having a neutral party run the self-assessment tests and testify to the results.

Action: Refactor the WG plan doc and roadmap to focus on self-assessment by end of 2019 (use output from Fuji release).

Respectfully submitted,

Randy Thompson