

## EdgeX Certification Working Group

Meeting Minutes for February 4, 2019

Start 7:00am PST

Attendees:

- Rodney Hess (Beechwood Software)
- Michael Hall (LF)
- Andy Foster (IOTech)
- Jim White (Dell)
- Randy Thompson (Dell)
- Marcello Gallardo (TIBCO Software)
- Mirko Teodorovic (Mainflux)

Reviewed Certification WG charter

Introductions – everyone gave their name, company, and interest in EdgeX/certification

Discussion topic - Why do we want a certification program for EdgeX?

Discussion notes (not in order)

- Standard
- Confidence to market
  - for both users and developers
  - APIs are stable - avoid obsolescence, long term compatibility
- Interoperability Apache 2 - business friendly
- Knowing what developers build will work
- Certification stamp - has to have/create value
- Grow ecosystem
- helps EdgeX itself become a standard
- “guaranteed” / “proven” - it does indeed work, plug and play, remove risk
  - any assumptions about how the component is used?
- Enforce defined APIs
- Reduce development time
  - predictable process of components working together
  - remove uncertainty
- Document use cases, assumptions

The discussion also touched on some process/scope issues:

- Include performance as part of certification?
  - future?

- might be proprietary
  - could publish stats about performance we measured during testing
- Any difference between core services and other services, all need to certify under same principles/tests?
  - some services may need to be tested deeper than just APIs (core?)
  - leverage tests built into services
- What information would we publish about each certified component?
  - Paid (closed?) or open/public
- How do we influence/interact with other WG when changes are happening?

From the list, we identified the following as most important

- Confidence to market
- Certification stamp - has to have/create value
- “guaranteed” / “proven” - it does indeed work, plug and play, remove risk
- Enforce defined APIs

Agreed that meetings will continue on Monday at 7:00am PST

Adjourned 8:00am PST

Respectfully submitted,

Randy Thompson