

System Management WG Agenda: 09/24/19

Attendees: e. (Attendees who may have joined after the start of the meeting may not have been captured and listed)

Note: Discussion and action items as a result of meeting in **RED**

Old Business

- Open Horizon sub-project
 - Devising proposal to include OH as a subproject for a release or two – an incubation project
 - Steps to official incubation status within EdgeX - Discuss at F2F, target EOY
 - Incubation lifecycle with EdgeX Foundry - one or two releases after Geneva
 - Preparation towards LF Edge - concurrently with incubation period
 - LF Edge project proposal and acceptance - EOY 2020
 - Current work in <https://github.com/joewxboy/horizon-edgex>
- CLI impl –in holding
 - Looking for user input, roadmap items for Geneva, etc
- Fuji Work
 - Metrics collection – complete
 - Set Configuration
 - go-mod-contracts part – done
 - implement more unit tests / refactor clean up for SMA
 - Start/stop/restart with SMA inclusive (pushed to Geneva)
 - Issue #1763 – not thread safe GenClients completed
 - Issue #1780 – came from #1763 – being worked by Michael
 - Bug #1742
- Geneva Scope Prioritization (in order)
 - Support Async calls to SMA (non-backward compatible)
 - Callbacks or pub/sub responses
 - Start/stop/restart inclusive of SMA
 - Setting readable config
 - Support Set Config of file-based config?
 - Cross cutting concerns
 - HTTPS for endpoints of all services (cross cutting concern)
 - Role based security on SMA APIs
 - CLI, next features?

- CoAP research
 - <https://tools.ietf.org/html/rfc7252>
 - https://en.wikipedia.org/wiki/Constrained_Application_Protocol
 - REST for constrained devices (low power, lossy networks). It addresses the service layer - not application layer.
 - A DS could address ingesting CoAP sensor data, but not right for underlying REST/message infrastructure – too low level
 - With recent abstractions in place in Core services, replacement of HTTP implementation could allow for this by third party
- OneM2M research
 - Competitive IoT platform – not much call for interoperability at this time

New Business

- Any?