

## System Management WG Agenda: 09/17/19

**Attendees:** Trevor, Jim (Dell) Joe (IBM), Lenny (Intel), Alex (VMWare), Rodney (Beechwoods), Ike.

(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
  - Last week, crawl-phase demo presented by Joe
    - Register an edge node with OH
    - Get all services deployed and running on the node
    - See that data (from Virtual Device) is flowing
    - Reboot of device and all services come back up
    - Kill a service (metadata) and have it restarted
    - Extra credit – UI built on top for monitoring
  - What's next
    - **Joe/Dave to provide recipe in Github for others to repeat this work**
    - Current work in <https://github.com/joewxboy/horizon-edgex>
  - Sub-project work completed for Fuji. See new business for next steps
- CLI impl –in holding
  - Almost complete for Fuji
  - Listing and invoking commands to be done
  - Unit testing
  - Add docs to docs.edgexfoundry.org
  - Status to be provided by Alex end of month
  - Looking for Roadmap items for Geneva
  - Decision was to leave in Holding for now until use case or developer demand requires it be in EdgeX org.
- 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/ with PR from Michael
  - Bug #1742

### New Business

- OH
  - Joe/Jim building recommendation for upcoming meeting
    - OH as subproject under EdgeX for a while and then launch as LF Edge project
  - For next release – explore more Crawl/Walk integration features
  - Roadmap out OH project a bit (get corporate support for project long term)
- Geneva – what's next
  - Support Async calls to SMA (non-backward compatible)
    - Callbacks or pub/sub responses
  - Support Set Config of file based config?
  - **Setting readable config**
  - **Config set through env variables – already done by Michael Estrin**
    - **Should we do this via config file vs. config seed**

- COAP protocol machine-to-machine comms (standard to look at and explore possible adoption)
  - Possible start if not an entire implementation
- OneM2M – working group that is looking at semantics for particular industries
  - Smart applications reference ontology
- Start/stop/restart inclusive of SMA
- HTTPS for endpoints of all services (cross cutting concern)
  - Multiplexing / bi-directional ?
- Role based security on SMA APIs
- CLI
  - Work with security services in place
  - Pointing to alternate database