

System Management Working Group – April 10, 2020

Attendees

Michael Estrin (Me)

Anthony Bonafide

David Booz

Jim White

Joe Pearson (Open Horizon)

Lenny Goodell (Intel)

Michael Johanson

Old Business

1. System Management Service
 - a. Kanban Review (<https://github.com/orgs/edgexfoundry/projects/29>)

Items to Follow Up

1. CLI Review Follow Up (Jim White, IOTech)
 - a. Jim was to follow up with Diana or Malini on verify commitment and validate status
 - b. Jim talked with Malini; Malini and Diana are hoping to complete this prior to Geneva freeze. Malini expects to support it moving forward if community sees value – Jim hopes to have a conversation around this at the upcoming Hanoi planning meeting.
 - c. Question was asked if CLI is still useful? Lenny and Anthony have both used; missing functionality; both stopped working with it.
 - d. Jim reluctant to move it out of holding if it isn't being used or people are not finding value in it.
2. EdgeX-specific system-wide metrics follow-up (Jim White, IOTech)
 - a. <https://github.com/edgexfoundry/edgex-docs/pull/104>
 - b. Lenny has outstanding comments; branch is out of date
 - c. Talked about at prewire – discussion was maybe we aren't ready to tackle this for Hanoi. Jim going to include in architecture discussion at Hanoi planning meeting for long-range planning/roadmap.
 - d. Michael will stop tracking this here.

New Business

1. Prewire Follow Up – Hanoi Objectives
 - a. Kubernetes support (what does this mean?)
 - i. Jim committed to bring definition of next step (“crawl” phase) for supporting Kubernetes to Hanoi planning meeting. What supporting Kubernetes means is to be determined.
 - ii. Lenny – Intel has embraced Docker Swarm. Intel may not have knowledge to contribute on the Kubernetes conversation. Is Swarm support part of this conversation? Maybe.
 - iii. David – smaller Kubernetes environments (e.g. K3s)? Jim – support shouldn’t differentiate between various Kubernetes implementations.
 - iv. David – take a look at operators. Can be reusable entities that are supported in generic Kubernetes implementations.
 - v. Jim – will pass around what he’s got thus far to the group for input/feedback.
 - vi. Crawl is likely creation of orchestration configuration in one or more ways/standards; will not incorporate support across services for high availability.
 - b. Others?
 - i. No new features/functionality identified.
 - ii. Technical debt – Issue #1662.
2. Other new business?
 - a. Joe – currently integrating SMA into Open Horizon integration example. Will want to show resulting integration to us for review when it’s ready.