

System Management Working Group – January 10, 2020

Attendees

 Participants (4)



Michael Estrin (Me)



Trevor Conn



Akram Ahmad (Dell)



Mike Johanson

+Jim White

Old Business

1. Geneva Deliverables Review (<https://github.com/orgs/edgexfoundry/projects/29>)
2. CLI (<https://github.com/edgexfoundry-holding/edgex-cli/issues>) (Alex, VMware)
 - a. Suggestion from Jim White to have CLI be one of the first applications to use the new V2 API.
 - b. Given V2 API and testing decisions made, what specific features/functionality will be implemented by CLI that hasn't been completed thus far?
3. Open Horizon (Joe, IBM)
4. EdgeX-specific system-wide metrics (Jim White, IoTech)
 - a. Still working – may be a few weeks before this is complete. Jim expects to have a draft ADR within the next month. Device service and core still need to be visited.

New Business

1. Other new business?
 - a. (Trevor) item for future discussion – ability to push out changes in the system (proactive notification of device changes, metrics, etc.).
 - i. System integrator wants control plane for EdgeX deployment to provide support for a reactive event-driven dashboard UI implementation.
 - ii. Could this be done by scheduler (i.e. scheduled API calls)? (Jim)
 - iii. Possible to leverage existing message bus? (Trevor)

- iv. Could metrics/change/control events reuse the existing services (i.e. application services)? (Jim)
- v. Data plane – state of system, devices?
- vi. Control plane – stop/start/restart (operations); actuating devices?
- vii. Review earlier sessions/notes in System Management WG (Michael to-do).
- b. (Jim) State of Kubernetes support
 - i. <https://github.com/edgexfoundry-holding/edgex-kubernetes-support>; is this still supported?
 - ii. It is for Edinburgh, not for Fuji or master.