EdgeX Foundry Core Working Group



(plus system management and UI)

# 3/3/21

#### Attendees:

Participants (7)		-		×
JW	lim White (Host, me)		æ (	1 (76
LG	Lenny Goodell (Intel)		4	1 726
CH	Colin Hutchinson (Kong)		4	¥ (28
IA	lain Anderson (JoTech)		A	¥ 1,28
JW	Jim Wang (Intel)		A	1 26
SS	Siggi Skulason		A	¥ (76
JW	Jim White			525

Others may have been in attendance after roll was captured.

# Agenda

Old

- Bugs and issues
- V2 API update

New

- CBOR asynchronous vs non-async
- Idea of Addressable for Notifications

# **Old Business**

# Current Issues/Bugs/PRs

 <u>https://docs.google.com/presentation/d/1EZTf1Ap8wX0Bq0jrV0AaFNgpc9LaMjQOwv</u> <u>HtnXGbsEU/edit#slide=id.gbbda15f58d\_0\_0</u>

# V2 API update - update from Cloud

- Working on notifications and scheduler services
- Also working on source name changes (to AutoEvent and Event)
- Device Service / Device Profile remodeling next week

#### EdgeX Foundry Core Working Group



(plus system management and UI)

#### Ireland Target; work remaining

- CBOR work being worked (should be done this week)
- TAF tests (working completed around May 10)
- Clients (just support clients left April 12 target)
- System management (TBD)
- Integration / use of V2 APIs and any issues May & June
  - Consumption points
    - Core data to metadata
    - Metadata to notifications
    - Scheduler to core data
- Documentation May/June
- Message bus support (with DS to App services)
- Allow DS to have switch to use CBOR for everything or JSON sent through the bus (or REST channel) on hold as a stretch goal for Ireland. Lenny and Jim to work out what test for this might look like.

Kubernetes - nothing new to report

<u>UI</u> - Hanoi and Ireland UIs really looking good; new device wizard added to both. Will try to have a demo of these for this WG in the next meeting or two (see the UI meeting recording if interested)

CLI - nothing new to report

### New Business

- CBOR asynchronous vs non-async: see <a href="https://github.com/edgexfoundry/edgex-go/pull/3202">https://github.com/edgexfoundry/edgex-go/pull/3202</a>
  - Decision: per comments in the PR, publish initially encoded object to (not reencoding) async to message bus (app service) while simultaneously validate/persist in (separate go function)
  - If persistence fails, it does not impact message publication (cow is already out of the barn)
  - Let app service (or whatever is on the other end of the message bus) deal with bad/invalid data
- Idea of Addressable for Notifications: see <a href="https://github.com/edgexfoundry/go-mod-core-contracts/issues/523">https://github.com/edgexfoundry/go-mod-core-contracts/issues/523</a>. Suggestion coming from Tony (that will be added to the associated PR) let's name it Address vs Addressable so as not to confuse it with the old addressable object.
- Decision Ireland: Versionable required on request/response objects and Event (because App Service can receive just an Event) DTO; for other objects, version is optional
- Board updates