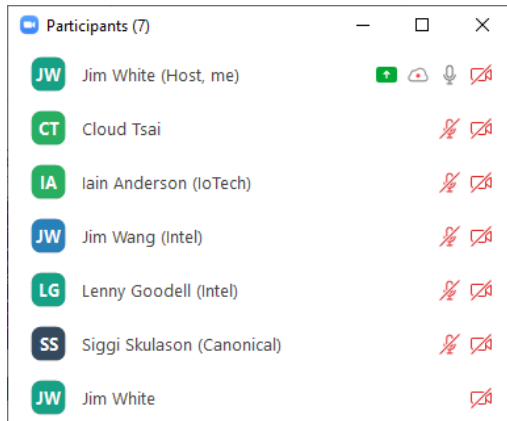*(plus system management and UI)*

3/18/21

Attendees:

Others may have been in attendance after roll was captured.

Agenda

Old
- Bugs and issues
- Ireland tasks update
- Config/data/profile migration strategy

New
- CG Board
- Get rid of created timestamp in Event/Reading
- UI Demo

Old Business

Current Issues/Bugs/PRs
- https://docs.google.com/presentation/d/1EZTf1Ap8wX0Bq0jrV0AaFNgpc9LaMjQOwvHtnXGbsEU/edit#slide=id.gbbda15f58d_0_0
- Couple of bugs/items have been discovered by the UI team that is now using the V2 APIs (all the way to scheduler so far)
  - #3264, #3259

(plus system management and UI)

Ireland
- V2 API - update from Cloud
  - CBOR work (still in progress)
  - Core Refactoring work: SourceName, profile changes, etc. (in progress)
  - Support/notifications work ongoing (complete around Apr 12)
  - Finished profile modeling work and applied it to the SDK
  - Device Virtual upgraded to support / use V2 (PR still under review)
  - UI discovery topic
    - Multiple requests/multiple responses
    - Response code is not always applicable to all responses
- TAF tests ongoing (complete around May 10)
  - Device Virtual is the only device service used in TAF testing
- Clients (just support clients left - April 12 target)
  - CBOR in core client - done
- 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)

Config/data/profile migration strategy
- Per TSC:
  - AS and DS teams will look at tool/script to convert configuration.toml
  - Edgex-go config changes not all that hard to just document
    - See link below for list of config changes in edgex-go
    - https://docs.google.com/presentation/d/1rKjV9K1xYPLPDI2J89oBX6yQG1BoEsfRCX2m-z7Ynvo/edit#slide=id.gc755505ddc_0_6
  - Core WG to look at Consul and Redis migration
    - How to tackle - done in go and take advantage of go-mod-configuration and part of the CLI
    - Has to be on a per service basis
    - For Redis - only metadata (core data is ephemeral)
    - Again -do it in go? Have client libs (copy code from both old and new libs) to access/make inserts
      - notifications/scheduler too
    - BWAG - month/month +
    - Look at potentially a 2.1 or 2.0.1 for tooling, fixes, and additional DS/AS, examples
  - Use IOTech's DCT to do profile migration (if available)
    - Possible to have this around time of tooling too
- Per TSC, everyone agrees that move to bump path of config to 2.0 in early April
  - Need to pick specific date - Decision: **April 7th**
  - Impacts TAF testing which uses 1.0 in Path

- ○ App services may be the only impact
- 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.
  - ○ Built into the new client now - env var can be set to true always be CBOR
  - ○ We'll also need Modbus in V2 in order to do the performance tests.
- **Question for future meeting**: do we have an event client for message bus (like we have event client for REST)? Creating a dependency between go-mod-messaging and go-mod-contracts - is this ok, or a problem.

Kubernetes - nothing new to report

UI - Demo at the end of this meeting

CLI - nothing new to report

New Business

- Core WG Board Review (if needed)
- Get rid of created timestamp in Event/Reading - any issues/warnings
  - ○ https://github.com/edgexfoundry/go-mod-core-contracts/blob/master/models/event.go
  - ○ Decision: yep - let's remove it.
- UI Demo (time permitting)
  - ○ https://youtu.be/uI3SRsy-k2o
    - ■ @ start - service info/telemetry stats
    - ■ @ 3:20 Device Wizard
    - ■ @ 7:45 auto event management
    - ■ @ 9:45 scheduler interval and Interval action defs