



4/7/21

Attendees:



Others may have been in attendance after roll was captured.

Agenda

Old

- Bugs and issues
- Ireland tasks update
 - Parameters to core command query
- Config path to 2.0 - good to go for April 7th
- EdgeX 1.0 code removal (out of core and supporting services)
- System Management - what needs to be done for Ireland?

New

- CG board review (time permitting)

Old Business

Current Issues/Bugs/PRs

- https://docs.google.com/presentation/d/1EZTf1Ap8wX0Bq0jrV0AaFNqpc9LaMjQOwvHtnXGbsEU/edit#slide=id.gbbda15f58d_0_0

Ireland

- Core command - query parameters
 - **Decision:**
 - New property called: parameters to contain array of parameters LIKE `[[resourceName: "ABC", valueType: "string"], { resourceName: "DEF", valueType: "int16" }]`
 - If that is not enough to call on the convenience endpoint or full profile endpoint to get other details (like units, etc.)
 - Parameters could be applied to both GET (the expected return - resourceNames) and SET (what you need to send)
 - Need to update the Swagger file to suggest this with parameters
- V2 API - update from Cloud
 - Support scheduler



(plus system management and UI)

- scheduling mechanism - **started implementation (close to V1 with a little refactoring); PR pending - likely tomorrow**
 - Support notifications work ongoing (complete around May 6th)
 - Secret provider for all for email password
 - Side note: ~~change configuration to use consul attribute to not include security configuration in consul (DeviceList []DeviceConfig`consul:"")~~
-Lenny/Jim Wang
 - Also updating the Device Service SDK - to address issues
 - Modbus updating to V2 API to allow for real device connection
 - Will need some tweaking to address Consul secure additions (change of configuration.toml to include secret store stanza to be aware of)
 - Model after changes made to device virtual (draft PR showing how to do this)
 - Dockerfile change - must be alpine based and installed dumb-init
 - TAF tests ongoing (complete around May 15 - now estimated at 80%)
- System management (TBD - topic continued today)
- 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)
 - PRs started
- Path to config 2.0 - **Done**
- 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.
- **Systems Management service for V2** - what needs to be done
 - Priorities
 - Ping/version APIs first (easy) - to resolve consul issues
 - V2 API design/model
 - Update the service APIs (config, start / stop, etc.)
 - (<https://app.swaggerhub.com/apis/edgexfoundry1/system-agent/1.1.0>)
 - Consumption - as part of V2 API implementation
 - Using V2 client
 - Issue: dynamic service addition (app or DS) or removal (notifications)
 - **Security PR will need to address the access token for SMA - for its own config provider**



(plus system management and UI)

- SMA uses config toml to get its list of static list of services that can be augmented by env vars - with two env vars one for add and one for remove
- Solicit via email for input
- Add SMA refactor architect monthly meeting for long term solutions
- **Removal of EdgeX 1.x code**
 - Reduce service image size (failing TAF checks in the case of command)
 - Priority
 - **For June 30**
 - At least remove endpoint routes in the handlers
 - Get rid of setting up of V1 database client (just the code to create the client)
 - Contracts: remove of v1 model/v1 client (could be other modules too)
 - **After June 30 - 2.0.1**
 - Code for the actual endpoints
 - Code behind the V1 database clients
- Kubernetes - nothing new to report
- UI - nothing new to report
- CLI - nothing new to report

New Business

- Core WG Board Review