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/1EZTf1Ap8wX0Bq0rV0AaFNgpc9LaMjQOWwHTnXGbsEU/edit#slide=id.gbbda15f58d_0_0](https://docs.google.com/presentation/d/1EZTf1Ap8wX0Bq0rV0AaFNgpc9LaMjQOWwHTnXGbsEU/edit#slide=id.gbbda15f58d_0_0)

Ireland

- Core command - query parameters
  - **Decision:**
  - New property called: parameters to contain array of parameters LIKE
    
    ```javascript
    [{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
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(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
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(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 cli (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