4/22/21

Attendees:

Others may have been in attendance after roll was captured.

Agenda

Old

- Bugs and issues
- Ireland tasks update

New

- CG board review (time permitting)
- LLRP (app service) - how much info about errors do we reply with in a result
  - Ex - marshal error: just say marshal error or do we also provide a string that says why it is not able to be marshaled.
  - Need generic policy.
  - Does and how would the generic policy apply to logs as well
  - Monthly Architect Meeting topic
  - Current and temporary decision: provide enough detail as to allow a developer to debug and understand the error. It is open source, so we don’t have to worry about exposing company or organization secrets or IP.
  - Don’t dump secrets to the error or log
  - Don’t dump all the data to the error message or log outside of Debug logging. Services should be fairly silent in info and above production logging

Old Business

Current Issues/Bugs/PRs

- https://docs.google.com/presentation/d/1EZTf1Ap8wX0Bq0jrV0AaFNgpc9LaMjQOWvHtnXGsEU/edit#slide=id.gbbda1f58d_0_0
EdgeX Foundry Core Working Group

(plus system management and UI)

Ireland

- V2 API and other Ireland work - update from Cloud
  - Support scheduler (internal mechanism - PR under review and under some rework) - basically completely
  - Support notifications work ongoing (complete around end of May)
    - Secret provider for all for email password
    - Now current focus
  - Also working on some bugs reported via testing
  - Test of Go Lang 1.16 upcoming
  - Upgrading MQTT device service to V2 today
    - Custom configuration work still to be done too
  - TAF tests ongoing (complete around May 15 - now estimated at 80%)

- Attributes in device profile not string only (per message from Steve O)
  - Cloud and team to test
  - TOML parsing and Redis persisting - work fine
  - Can switch for attributes without issue
  - Protocol Properties issue:
    - Provision Watcher - supports regular expression (which needs to be a string)
    - Decision: let's change attributes. Let's explore provision watchers in the future (something for EdgeX 3.0). - Jim to create an issue

- System management
  - 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/edgexfoundry/system-agent/1.1.0)
  - Consumption - as part of V2 API implementation
    - Using V2 client
  - 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 - to be discussed in monthly architect's meeting
  - Health check under SMA - disable under configuration
    - Decision: ok if not impacting (Jim to check)
    - Doesn't appear to be a continual check - just a call when requested. See: https://github.com/edgexfoundry/edgex-go/blob/9ab49d518b83cb6b5e0582986504b7992370b3fc/internal/system/agent/services.go#L24

- 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
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- Message bus support (with DS to App services)
  - PRs started
- Test - 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.
  - 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.
- CLI update to V2
- Removal of EdgeX 1.x code
  - Reduce service image size (failing TAF checks in the case of command)
  - Priority
    - For June 30
      1. At least remove endpoint routes in the handlers
      2. Get rid of setting up of V1 database client (just the code to create the client)
      3. Contracts: remove of v1 model/v1 client (could be other modules too)
    - After June 30 - 2.0.1
      1. Code for the actual endpoints
      2. 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