



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/1EZTf1Ap8wX0Bq0jrV0AaFNqpc9LaMjQOwvHtnXGbsEU/edit#slide=id.gbbda15f58d_0_0



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
 - Scheduler interval action enable/disable issue:
<https://github.com/edgexfoundry/edgex-go/issues/3375>. Decision: add admin state to interval action for Ireland per Cloud's recommendation.
 - 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/edgexfoundry1/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



(plus system management and UI)

- 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
 - 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