



1/28/21

Attendees:



Others may have been in attendance after roll was captured.

Agenda

Old

- Bugs and issues
- Dot release
- V2 API update (Cloud)
- Other updates if necessary (UI, Kubernetes, CLI)

New

- Issues raised by Cloud and Monthly Architect's meeting
 - CBOR decision
 - ADR for Array Datatypes
 - Put/Set/Write commands for actuator
 - Client config
 - Core Command no longer uses the database
 - It uses Metadata
- Core WG board

Old Business

Current Issues/Bugs/PRs

- https://docs.google.com/presentation/d/1EZTf1Ap8wX0Bq0jrV0AaFNqpc9LaMjQOwvHtnXGbsEU/edit#slide=id.g8aa2d85d1a_0_3
- Specifically to be addressed
 - <https://github.com/edgexfoundry/edgex-go/issues/3033>
 - Decision - feature add for Jakarta (stretch for Ireland)

Dot Release



(plus system management and UI)

- Where are we at with Metadata changes on Hanoi branch (for admin/op state fix and any go-mod-messaging updates to address ZMQ issue)?
- Go-mod-messaging update on Hanoi branch done by Lenny/Tony
- Metadata changes for admin/op state to be done by Cloud and Team this week.
- Developer script work for Hanoi dot being done in a new branch by Lenny

V2 API update from Cloud

- Starting of core command, schedule and notifications
- Core data/metadata - patch some features missed (CBOR and object checking)

Kubernetes - nothing new to report

UI - nothing new to report

CLI

- CLI - Malini and Diana off to other endeavors
- CLI Hanoi dot release ready (includes config fix)
- Decision in Architect's meeting to create DS and AS templates and then figure out where to put the tooling
 - Where to put the templates and how to script (cover in App and DS WG)
 - Let's learn from past experience (minimal templates, kept up to date and working)

New Business

- CBOR decision per Monthly Architect's meeting
 - **Decision:** for Ireland - no change
 - For Jakarta (or stretch for Ireland) – allow DS to have switch to use CBOR for everything or JSON sent through the bus (or REST channel)
 - Perhaps we need some testing in Go SDK and DS; even full workflow test to see if there are significant gains across
 - Could we run this through Modbus scalability tests to see results - **passing on to TestQA for backlog work**
- Per Cloud: we have an ADR for Array Datatypes, and we are using a simple way in V1. May we discuss how to deal with this in V2 or keep it the same?
 - <https://docs.edgexfoundry.org/1.3/design/adr/device-service/0002-Array-Datatypes/>
 - Adding a new ArrayReading, and it has an additional field Values []string
 - Could just leave the ValueType constants as-is, and not have isArray?
 - **Decision:** Keep V1 implementation/design (**Jim to update the ADR**)
- We use the term Put/Set/Write commands for actuator in EdgeX V1.
 - **Decision** per DS working group: use Get/Set consistently throughout profile, commands, etc.
 - As a result of the discussion, also a suggestion to:
 - Have coreCommands in the device profile default to all deviceCommands
 - Unless coreCommands are explicitly entered, overriding the defaults.
 - Added complexity - "All" device commands and all device resources



- Scenarios when you don't have deviceCommands (but have device resources)
 - **Decision:** this default idea is dead. Will not do it. Keep things explicit.
- Per Monthly Architects meeting - relative to these two (somewhat orthogonal but related) issues:
 - <https://github.com/edgexfoundry/go-mod-core-contracts/issues/449>
 - <https://github.com/edgexfoundry/edgex-go/issues/2424>
 - Decision in the Monthly Arch's meeting of 1/26/21 was:
 - We will use service keys in configuration.toml files
 - Service keys are defined in <https://github.com/edgexfoundry/go-mod-core-contracts/blob/master/clients/constants.go>
 - Both issues above – should be addressed by this decision
 - Add to agenda in Core WG to make sure everyone is aware/ add to cross cutting concerns because this hits everyone.
 - **Decision:** finalized per above. Issues already updated.
 - Want to look at look at refactoring creation of clients in one place (current in init.go)
 - Because we are going to be making changes in init.go, the opportunity exists to fix this too - **Lenny's got this.**
- Core Command no longer uses the database
 - It uses Metadata
 - Does Command cache or does it always ping metadata - answer, no cache
- Docker file name changes are ready - wait until Monday to make the change so Jim can provide a note to everyone and give early warning.
- Board updates