

7/30/20

Attendees:



Others may have been in attendance after roll was captured.

Old Business

- 2597 fix: Invoke Validate function when adding yaml DeviceProfile
 - Check to see if delete or update works to override the bad profile
 - Still under review -thanks Lenny and Tony for comments
 - Bruce refactoring - convert YAML to JSON (done)
 - Validation of profiles - something to look at for API V2 (Lenny issue)
 - Tony has new issue 2647 that is about if Profile is written just the right way, it will break metadata (no deletes, no queries)
 - Cloud knows the reason why - doing save of profile before validation
 - Deeper validation of the profile is needed long term.
- API V2
 - Event handler / controller PR (#2610)
 - <https://github.com/edgexfoundry/edgex-go/pull/2610>
 - Work continues; exchange between Lenny and Lindsey
 - Andre review - blocking item (Jim to ping again if not by eow)
 - Metadata DTO / PR (#2627) - this will focus on add requests
 - <https://github.com/edgexfoundry/edgex-go/pull/2627>
 - Now pending <https://github.com/edgexfoundry/go-mod-core-contracts/pull/253> which is betting worked; Lenny and Bruce
 - Simple GET requests (ping, etc) should include BaseResponse (includes request id, status code, and message) with 207 code (says look at what we sent back; actual status code in the base response)?
 - Cloud to explore and see if there is a reason; unless there is more of a rationale, we will use full BaseResponse with 207 code (Cloud to open issues as needed)

- Decision here needs to be consistent with app services design
 - How to differentiate the validation logic between Add and Update DTOs
 - Cloud/Lenny communications have worked out the bulk of this offline
 - Question remaining: what does DTO look like? Map vs. DTO with pointers to objects (decision go with DTOs)
 - Separate PR forthcoming that will present update DTO and how to process validate. Reaction from Core WG sought when it is out.
 - Cloud is trying to add all the examples into the Swagger file. No help needed yet. Will need reviewers when it lands.
- Startup configuration ignored (duration & Interval)
 - <https://github.com/edgexfoundry/go-mod-bootstrap/issues/85>
 - Impacts all services - covered under old business
 - Startup Duration and Interval - go-mod-bootstrap PR (<https://github.com/edgexfoundry/go-mod-bootstrap/pull/86>)
 - Removal of start config (which was being ignored)
 - Use of env vars - use these from beginning if they are there
 - Other wise timer uses the defaults
 - Agree with this approach? Decision - yes, +1 agreed
 - Need to Standardize Swagger path in repos (makes CI easier)
 - Decision: openApi/
 - Dropping RAML (PR for removal is in and done)
 - CLI move from Holding
 - Roadmap doc
 - <https://docs.google.com/document/d/1tHxomWv5C1bz7LHvrOcbSwRMSXhvBngWYhFUv5fk4JY/edit?ts=5f1efac4>
 - Release with Hanoi is goal; and have road map for review at F2F
 - One of the questions - do we have a release artifact
 - And what features must it include
 - Jim to carve out some time at the next meeting to discuss.

New Business

- Do we really want to update the Geneva compose files for new releases of Device Service and/or App Services?
 - For bug fix yes; otherwise defer to what is in Nexus compose file
 - Jim to add readme - link to release notes and indication of new dot releases that can be dropped in as replacements
- Dockerfile updates (James Gregg has resource that can do this)
 - <https://github.com/edgexfoundry/edgex-go/issues/2643>
 - There are two approaches:
 - ENTRYPOINT = executable & CMD = command-line options
 - Decision made on the option above; Lenny to orchestrate with James's resource
 - CMD = executable & command-line options , ENTRYPOINT left for setup script or empty

UI Direction

- UI Today
 - Display device services, devices, device profiles
 - Upload/remove device profile
 - Add, edit, remove device

- Display schedule intervals and interval actions
- Add, edit, delete interval and interval actions
- Display notifications, transmissions
- Display subscriptions
- Add and remove subscriptions
- Coming (Hanoi)
 - Manage app services (add functions, see data temporarily, etc)
 - Manage Kuiper rules
 - Documentation
- User Interface - beyond Hanoi
 - Possible future direction: Have it run remotely - through Kong/with security/TLS certificates/users
 - First make it useable with what we have
 - Jim to arrange a demo - start working on a roadmap and schedule from there.
 - Clean up notifications/transmissions
 - Core data visualization/graphing - using core data APIs
 - Integrate with a data visualization tool?? Like Graphana?
 - Deal with binary data at all??
 - Metrics data visualization/data display
 - CPU, memory today
 - See config? Configuration update? With appropriate service start if necessary? Admin functions? Start/stop/restart services?

Below topic was not discussed yet. To be covered in upcoming meeting.

Kubernetes Direction (release target is just a suggested goal)

- Crawl (Hanoi or Ireland): Have an example deployment.yml and service.yaml for deploying a single instance of EdgeX (minus device services) to a pod. With Redis, minus security.
 - Include example of how to setup device-virtual to send data to K8s instance
 - Document/demonstrate/provide example of setting up in K3s
 - Document what would not work in this environment
- Walk (Ireland): Include security
- Jog (Ireland or Jakarta): Helm charts & / or Operators
- Run (Jakarta or Kamakura): start addressing HA concerns in EdgeX