Core Working Meeting Notes (28-Mar-2019)

Attendees:

Old Business

- Intel -- Meeting scheduled w/Microsoft RE: Go plugins support for Windows
  - It was rescheduled. Still pending.
  - Remove this, Lenny to let the group know when ready to discuss
- Operating State Unmarshalling Follow-up
  - Need a decision on this
  - We have two options currently. They aren’t perfect, but they are options.
    - Remarshal in the controller method to get our current validation to fire
    - Add UnmarshalJSON methods to model types and put the knowledge of valid child type states into the parents.
      - E.g. ProvisionWatcher instance checks to see if the OperatingState is empty after unmarshalling.
      - FYI – OperatingState used within 5 parent structs (CommandResponse, Device, DeviceService, ProvisionWatcher, Service)
        - I would prefer an approach that encapsulates this validation in the contracts module
          - A third thing I thought of was using reflection to recursively call a Validate() method on all types that implement a Validator interface. Consider that ProvisionWatcher has both a DeviceProfile and DeviceService and these are complex types.
          - Use composition instead of reflection
          - Lenny to send link to internal use of json schema validator
            - Go-json-schema (??)
            - https://json-schema.org/implementations.html#validator-go
            - https://github.com/xeipuu/gojsonschema
            - Tony to ask around internally for any other ideas
- Documentation needs
GoDoc versus published docs

- Malini suggested hosting GoDocs by different ports per release
  - This will work, but who will host it?
  - *Michael Hall confirmed LF could host this*

- Some other options here
  - [https://jira.hyperledger.org/browse/FAB-5475?focusedCommentId=32542&page=com.atlassian.jira.plugin.system.issuetabpanels%3Acomment-tabpanel#comment-32542](https://jira.hyperledger.org/browse/FAB-5475?focusedCommentId=32542&page=com.atlassian.jira.plugin.system.issuetabpanels%3Acomment-tabpanel#comment-32542)

**New Business**

- **Should Docs be split out of edgex-go?**
  - 23 of 69 issues currently in edgex-go are docs related
  - Docs are for everything in EdgeX, not just core services
    - *No objections to doing this, Trevor to work with dev-ops group to get it on the roadmap*
      - JJB verify, Sphinx publication jobs
      - Assess workload to repoint jobs
        - Docs content in one place, RAML still in edgex-go
      - Fuji target

- **Device Profile and Device Service simplification issues (Tony)**
  - Working on profile/service requirements for Edinburgh
  - Also push to Monday Device Service call agenda

- **Need guidance on if the issue below should be pulled into Edinburgh**
  - Agenda item for Monday’s Device Service WG call

- **Discussion on service unregistration from Consul**
  - Hasn’t been implemented yet
  - Core services can run multiple instances. Device services should not, but the name uniqueness check is not a semaphore for guarding against.
  - First day of F2F discussion on SMA/Orchestration
    - Cross group discussion
    - Responsibilities of mgmt. of service eco-system