Old Business

- Intel -- Meeting scheduled w/Microsoft RE: Go plugins support for Windows
  - *It was rescheduled. Still pending.*
• Operating State Unmarshalling Follow-up
  o Try OperatingState as pointer on ProvisionWatcher, does that trigger Unmarshal when not specified in the request?
    ▪ Answer, no it does not.
  o Investigate tags which could be opposite of omitempty and require the field on the request
    ▪ Didn’t find any such thing. Tags related to marshaling are described starting at line 63 below
      https://golang.org/src/encoding/json/encode.go
  o We have two options currently. They are gross, 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.

New Business

• Documentation needs
  o GoDoc versus published docs
  o Malini to ask her team for how /whether GoDocs can be used to document not only master but previous feature branches as well.
    ▪ Hopeful for response later today
• Discuss denormalized versus normalized (pseudo) data representation
  o Example: Events/Readings relationship – Discuss denormalization
    ▪ Edge cases around reading updates and backporting to events
• Discuss differences in solutions within Redis provider – Delhi versus Scheduler
  o What should be emphasized – functional completeness, implementation consistency, both?
  o Possibly functional completeness for Edinburgh, implementation consistency via dot releases and Fuji, et al.
• Support-logging for Edinburgh will NOT have Redis support. We have made the choice to use the File-based logging.

**Denormalized (redis)**

```
Event1
  Reading1
  Reading2
  Reading3
```
Readings by ValueDescriptor (1,2,3)
Readings by Device (1,2,3)
Readings by XYZ (1,2,3)

Normalized (mongo)
Events collection
Event1
    Reading1 ID
    Reading2 ID
    Reading3 ID

Readings collection
    Reading 1
    Reading 2
    Reading 3

For next week
    • Device Profile and Device Service simplification issues (Tony)