

## Device Services 11-Mar-2019

### Go SDK Updates (Cloud)

- PR Reviews Required
  - Unit testing for Cache (#200)
    - Cloud says this was done without refactoring. Need to look at how that was done.
    - Trevor assigned to review
  - Provision Watcher (#204)
    - Fuji deliverable – put “Hold” label on it
  - Customizable configuration field (#203)
    - Issue #78
    - Intel had asked about this
    - Assigned Tony / Lenny to review
  - ProtocolDriver API According to new Type Definition
    - Type the entries in the Protocols map (ProtocolProperties)
    - Protocols will be map[string]ProtocolProperties
      - ProtocolProperties should be type map[string]string
      - Tony to provide clarity via comments in PR
    - Eliminate SDK specific struct
    - PR to be modified according to discussion
- Float encoding
  - Question of implementation
    - Default is base64, C-float style can be done
    - Determined by Configuration – but where
    - Added to ValueDescriptor / Property
  - Add specifics to device-sdk-go #107
  - See related go-mod-core-contracts issue #22

### Go SDK Updates (Tony)

- Issue 189
  - As last week, decided SDK would not be interfacing with support-scheduler
  - SDK will rely on AutoEvents for internal scheduling
  - Discussed role of support-scheduler
    - Primarily used for services outside of SDK
    - Could be desirable to bootstrap scheduled actuation in any service (post Edinburgh)
  - Toby to update issue based on today’s discussion
- Issue 150
- Device-random broken due to contract changes
  - Tony created PR #36 to update with latest SDK and core-contracts
  - There will be a follow-up based on ProtocolDriver changes in SDK
- Issue 27 – go-mod-core-contracts
  - General positive reaction to removing DeviceProfile from Device. Needs more analysis.

## C SDK Updates (Ian)

- Device endpoint updates for Resources / Device Resources
  - Changes queued up
- Mods to enable settings retrieval from Registry
- Need to sync with contract model changes
- Device requirements doc needs to be updated

## Virtual Device Service (Go) Demo by Cloud

- Ran out of time.
- Top priority for next week.