### Old Business

<table>
<thead>
<tr>
<th></th>
<th>Closed Issues</th>
<th>Working Issues (new)</th>
</tr>
</thead>
<tbody>
<tr>
<td>edgex-go</td>
<td>2218, 1947, 1699</td>
<td>2014-2020 (module exploration), 2596 (PR 2597 needs review), 2609, 2626, 2630</td>
</tr>
<tr>
<td>contracts mod</td>
<td>254</td>
<td>249</td>
</tr>
<tr>
<td>bootstrap mod</td>
<td></td>
<td>85</td>
</tr>
</tbody>
</table>
EdgeX Foundry Core Working Group

*(plus system management and UI)*

- 2597 fix: Invoke Validate function when adding yaml DeviceProfile
  - Check to see if delete or update works to override the bad profile (Jim)
  - Still under review -thanks Lenny and Tony for comments
    - Bruce refactoring - convert YAML to JSON
  - Validation of profiles - something to look at for API V2 (Lenny issue)

- API V2
  - Event handler / controller PR (#2610)
    - https://github.com/edgexfoundry/edgex-go/pull/2610
    - Work continues; exchange between Lenny and Lindsey
    - See number of requests for Andre review (do I need to ping him?)
      - Jim to reach out
  - Metadata DTO / PR (#2627)
    - 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
    - Search of code base did not find Addressable in anything but deviceservice.go, actiontype.go, constants.go, provisionwatcher.go
  - Cloud issues:
    - https://github.com/edgexfoundry/edgex-go/pull/2627#issuecomment-659235656
    - How to differentiate the validation logic between Add and Update DTOs
      - Add required on fields - to swagger contract/implementation
      - Rules for what is required is different for add vs update
      - Use map to update (vs DTO)
        - Still need to validate those fields in the map
        - Start outside thread to address this issue and find way forward (Jim to kick off)

New Business

- Startup configuration ignored (duration & Interval)
  - Impacts all services - covered under old business
- Need to Standardize Swagger path in repos (makes CI easier)
  - Edgex-go: api/openApi/
  - Device SDK: api/oas3.0/
  - App Func SDK: openApi/ (planned)
    - Decision: openApi/
    - Is it time to drop v1 RAML? - obsolete anyway (TSC)
    - Issue (drop of raml and new path standard in one) - Lenny

CLI Direction

- TSC agrees to move out of holding, but where: edgex-go or in its own repo?
  - Decisions to take to TSC:
    - Like app services, device services, UI, etc. - its a client - so separate repo
Could/would also have separate security concerns

When does it “release”? How does it keep in sync with releases?

- Core contracts requires it be kept in sync (most of the time)
- Minor releases at will (like DS and AS and SDKs)
- Major - keep with edgex-go (like DS and AS and SDKs)

Libraries (cobra and viper ok for TSC approval. Pretty library - Diana and Malini looking to see if original (not fork) or alternate could be used. If so, swap out. If not, request temporary use.

Import vetting (new modules below)

- github.com/armon/consul-api v0.0.0-20180202201655-eb2c6b5be1b6
- github.com/coreos/etcd v3.3.10+incompatible
- github.com/coreos/go-etcd v2.0.0+incompatible
- github.com/coreos/go-semver v0.2.0
- github.com/cpuguy83/go-md2man v1.0.10
- github.com/hashicorp/hcl v1.0.0
- github.com/inconshreveable/mousetrap v1.0.0
- github.com/magiconair/properties v1.8.0
- github.com/niemeyer/pretty v0.0.0-20200227124842-a10e7caefd8e
- github.com/russross/blackfriday v1.5.2
- github.com/spf13/afero v1.1.2
- github.com/spf13/cobra v0.0.5
- github.com/spf13/jwalterweatherman v1.0.0
- github.com/spf13/pflag v1.0.3
- github.com/spf13/viper v1.3.2
- github.com/ugorji/go/codec v0.0.0-20181204163529-d75b2dc6bc8
- github.com/xordataexchange/crypt v0.0.3-0.20170626215501-b2862e3d0a77
- gopkg.in/yaml.v2 v2.2.2 (earlier version - not v2.2.8)

Roadmap review and review

- Address Tony’s email questions and issues.
- To be covered off line in Google Doc and Slack channel - Jim to set up

No time to address these in this meeting. Deferring to next meeting

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
EdgeX Foundry Core Working Group

(plus system management and UI)

- **User Interface - beyond Hanoi**
  - 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?

**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