## Core Working Group Meeting Notes (6-Jun-2019)

### Attendees:

<table>
<thead>
<tr>
<th>TC</th>
<th>Trevor Conn (me)</th>
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<tr>
<td>CA</td>
<td>Akram Ahmad (Dell)</td>
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<td>AC</td>
<td>Alexandre Courouble</td>
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<td>AB</td>
<td>Anthony Bonafide</td>
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<td>BF</td>
<td>Brandon Forster</td>
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<td>EA</td>
<td>Emad Attia (Intel)</td>
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<td>I</td>
<td>ijohnson</td>
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<td>JW</td>
<td>Jim Wang</td>
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<td>JH</td>
<td>Jim White</td>
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<td>LG</td>
<td>Lenny Goodell (Intel)</td>
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<td>ME</td>
<td>Michael Estrin</td>
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<td>MI</td>
<td>Mike (Intel)</td>
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<td>RB</td>
<td>Rebekah</td>
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<td>TM</td>
<td>Toby Mosby (Intel)</td>
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Old Business

- CapEx (Keith brought this up on TSC call 22-May)
  - I was unclear of the items to which this might apply
  - Tooling expenses, outside resources / services
    - Prep for Stage 3 project in LF
    - Deadline TBD (end of June)
  - Translation services
    - Good idea but keeping it updated may not be sustainable
    - Malini’s feedback was that English docs weren’t hard to consume but that content was outdated.
  - Michael Hall
  - Slack ??
  - Other tools for code quality and testing are being allocated by those specific working groups...?
  - Remove this, got it covered.

- Fuji deliverables
  - Go 1.12 in Dockerfiles
    - [https://github.com/edgexfoundry/edgex-go/issues/1401](https://github.com/edgexfoundry/edgex-go/issues/1401)
    - Issue for Snap?
      - Snap will piggyback on the above issue.
  - Value descriptor creation only in core
    - [https://github.com/edgexfoundry/edgex-go/issues/1071](https://github.com/edgexfoundry/edgex-go/issues/1071)
    - On Dell’s plate
  - Event/Reading timestamps in nanoseconds
    - No work necessary in core-contracts
    - [https://github.com/edgexfoundry/edgex-go/issues/1404](https://github.com/edgexfoundry/edgex-go/issues/1404)
    - On Dell’s plate
    - Question RE: change in fidelity and how this is used from the UI
      - Does this entail a minor version rev? I get we’re planning to do that anyway for Fuji (at least)
      - REST request backward compatibility – How is the UI providing the value? If in milliseconds, comparison with nanoseconds will differ. Does the service need to pad it?
      - Or versioned API?
        - Events are also being returned to the caller as nanoseconds. How does this affect the caller’s interpretation of that data?
      - Reach out to the UI team for input on this scenario (Trevor)
      - Decided we’ll be dealing with this for Fuji – but we need a “freeze exception” process for late changes (Tony)
  - Device provisioning support
    - Requirements definition owned by Device Service group. Will be a regular agenda item in that meeting
Tony provided email brain dump of legacy implementation in the Java services.

Right now, being tracked from the Core side via issue #826 but we may replace that with new issues (and possibly a project board) once requirements become more clear.

- **Move API documentation from RAML to Swagger**
  - IOTech QA/Test team has agreed to take this on. Removing from Core list.
- **Rules Engine**
  - Check in with Lenny RE: Hashicorp plugins
  - Provided examples are simple, actual usage a bit more complicated
  - Working on a possible usage pattern for presentation next week.
  - Choice of RPC / GRPC
- **Unit testing**
  - I have the refactoring done for AddNewDevice to support my idea of increased test coverage, but I do not have the actual tests fully written yet.

**New Business**

- Was there any discussion on TSC call yesterday RE: LTS for Edinburgh?
  - No, but it doesn’t sound like the view has changed that this should not be LTS
  - Still thinking Fuji earliest candidate for LTS
- Folding security services into edgex-go
  - Sounds like this is approved and we will be doing this
    - Understand that there will be work to take the existing services and refactor them to meet the internal patterns within edgex-go
      - Discussed possibility of improper route formats, do we fix as part of the move or not?
      - TBD this as we get into analysis
- **DevOps**
  - Will cause the edgex-go build pipeline to take longer
  - Will affect unit test numbers
  - Legacy repos/verify/merge jobs no longer needed (on master)
  - What is the timing?
    - Security services have been branched for Edinburgh
    - How does this affect our versioning
    - If Edinburgh is LTS, how does this affect security services?
  - Images for security services will be published with same name, different version from edgex-go
- **Security-client**
  - If we’re bringing the security services into the edgex-go repo, then should this module actually be part of go-mod-core-contracts?
    - Could easily go here
  - Actually, what I’m hearing is that security is a separate concern like registry or messaging – so it should be akin to go-mod-security
  - If there’s a security service that proxies Vault and gets moved into edgex-go, then I’m fine calling it go-mod-core-security
  - Need to follow up with a Security Working Group agenda item to unpack this so we can name and organize accordingly.

- Application services (Lenny)
  - New services coming – do they each need to have their own repo or should it be in a app-services mono repo?
  - Mono repo can’t be versioned each service independently.