### Core Working Group Meeting Notes (06-Dec-2018)

#### Attendees:

<table>
<thead>
<tr>
<th>Participant</th>
<th>Name</th>
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<tr>
<td>EW</td>
<td>EdgeX Working Group 1 (Host, me)</td>
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<td>IOTech</td>
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<td>Akram Ahmad</td>
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<td>AF</td>
<td>Andrew Foster</td>
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<td>AS</td>
<td>André Srinivasan</td>
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<td>BS</td>
<td>Brandon Forster</td>
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<td>EA</td>
<td>Emad Attia (Intel)</td>
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<td>EC</td>
<td>Eric Cotter</td>
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<td>JW</td>
<td>Jim Wang</td>
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<td>JW</td>
<td>Jim White</td>
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<td>LG</td>
<td>Lenny Goodell (Intel)</td>
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<td><a href="mailto:M_Estrin@Dell.com">M_Estrin@Dell.com</a></td>
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<td>MH</td>
<td>Michael Hall - LF</td>
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<td>BH</td>
<td>Bruce Huang</td>
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Old Business

- Progress Updates
  - Logistics RE: blackbox tests
    - Combining repos, etc – No progress from my end due to last minute Delhi work and other priorities
    - No changes to Contributor Guidelines either (Trevor)
      - Although, probably won’t really start enforcing this until we get into Edinburgh deliverables in earnest.
  - Decoupling models from Mongo types
    - Core-data service complete and merged
    - Core-metadata service issues created, broken out by endpoint
      - Tagged as “help wanted”
      - Look to see if a template in GitHub projects will facilitate sequencing of these issues
      - Review export-client for usage of device contract model
        - w/r/t minor chance of edgex-go addressable change
  - Mongo driver update
    - [https://github.com/globalsign/mgo](https://github.com/globalsign/mgo)
    - Issue #866 – assigned to Lenny @ Intel
      - Any updates?
      - Lenny hopes to have a PR on this by end of day
  - Logging as key/values via GoKit (PR 787)
    - Merged
    - Will be follow-up tasks to add fields
      - Probably remove “labels”
        - Will impact blackbox tests
        - Support-logging API as well
      - DONE – Get it out of here
  - Abstraction Layer for Consul (Issue 797)
    - Any updates / questions?
      - Assigned to Lenny @ Intel
      - Still pending, been working on the Mongo driver
  - CBOR
    - Lenny – Any chance to review docs from wiki site? Any questions?
    - Neeley and Gabe from Intel to take it on (Toby as well)
      - Need to get them into GitHub
        - If so, need their handles
      - Work with Michael Estrin from Dell
    - Can we hold a dedicated call to kick off?
• Jim/Tony to coordinate via Doodle Poll (Brett LF)
• Toby, Jim, Trevor, Michael, Tony, Steve

• Consul Readable/Writable Proposal
  o Proposal was circulated to the Core-TSC email list
  o Comments received from Cloud Tsai (IOTech)
    ▪ Point about Writable settings within the Readable tree
      • I personally think we should disallow this.
  o Discussion on disparity between bootstrap and watcher
    ▪ Haven’t created an issue yet, will get to it.
    ▪ Service client bootstrapping
      ▪ Inconsistency
        o Bootstrap – clients init from config
        o Monitor – clients refresh from Consul
        o If Consul = Y
          ▪ Both should happen from Consul
        o If Consul = N
          ▪ Clients init from config always
          ▪ Potentially monitors don’t fire either TBD
  o Versioning will continue to discuss next week
    ▪ Some suggestions include
      ▪ Indicator of version at root, key value??
        o Version = 0.7.1
      ▪ Build version into top-level path
        o /0.7.1/edgex-core-data
        o /0.7.2/edgex-core-data
        o /1.0.0/edgex-core-data

New Business

• Dev Kits from Steve and Keith
  o USB Installer for RaspPi – ARM64 bit Ubuntu (18.10)
    ▪ Tony and Steve to offline discuss possible wifi bug
  o Need to bundle Grove Device Service – for DevOps
    ▪ With NodeRed
  o Bundle as docker-compose file with some additional scripting
    ▪ Placed into additional repo within EdgeXFoundry
  o Jim W asked, what about new org “EdgeXDemo”?
    ▪ Michael suggested “EdgeXCommunity”
  o Targeted at prototyping use
- Put into holding repo for visibility, decision as to the org name will be made elsewhere (possibly TSC?)
  - DevOps work needed as well.
- Device Service in Consul via config-seed
  - Do we assign service keys to each?
    - Yes, can use directory name for config-seed population
  - How are configuration.toml files de-duped in /cmd directory? (/config in Snap)
  - Device-mqtt-go has two TOML files. Do both of these need to be imported?
    - Configuration.toml
    - Configuration-driver.toml
  - What about Readable / Writable?
  - Should solution be driven from config-seed’s configuration file? b/c different deployments will require different device services.
  - Consider writable volume for config files
  - What about DS bootstrapping itself into Consul and not going through config-seed?