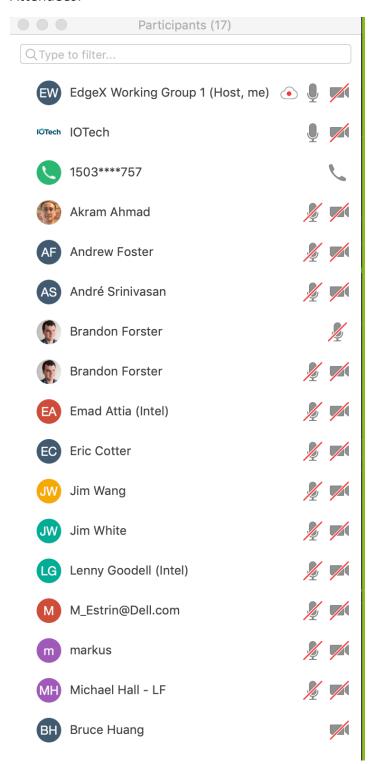# Core Working Group Meeting Notes (06-Dec-2018)

Attendees:

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

New Business

- Dev Kits from Steve and Keith
  - USB Installer for RaspPi – ARM64 bit Ubuntu (18.10)
    - Tony and Steve to offline discuss possible wifi bug
  - Need to bundle Grove Device Service – for DevOps
    - With NodeRed
  - Bundle as docker-compose file with some additional scripting
    - Placed into additional repo within EdgeXFoundry
  - Jim W asked, what about new org "EdgeXDemo"?
    - Michael suggested "EdgeXCommunity"
  - Targeted at prototyping use

- o 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
  - o Do we assign service keys to each?
    - ▪ Yes, can use directory name for config-seed population
  - o How are configuration.toml files de-duped in /cmd directory? (/config in Snap)
  - o Device-mqtt-go has two TOML files. Do both of these need to be imported?
    - ▪ Configuration.toml
    - ▪ Configuration-driver.toml
  - o What about Readable / Writable?
  - o Should solution be driven from config-seed's configuration file? b/c different deployments will require different device services.
  - o Consider writable volume for config files
  - o What about DS bootstrapping itself into Consul and not going through config-seed?