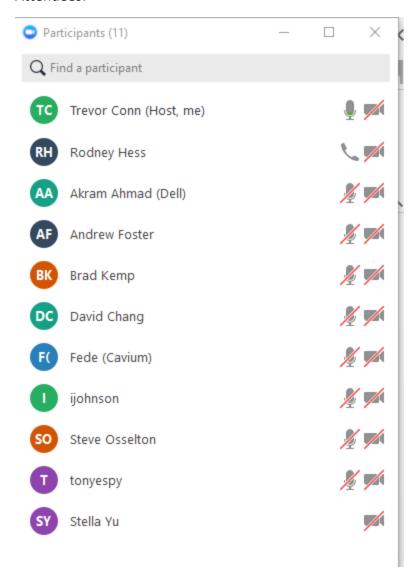
## Core Working Group Agenda (28-June-2018)

## Attendees:



## **Old Business**

- Readiness of export connectors (Janko / Mainflux)
  - o Sent email to Keith /Janko. Needed to wait for Brett to return.
  - o Brett is back, needs an estimate on required services.
  - Pending items below, waiting on account setup
    - Needs more testing / verification Andy / Keith?
      - Requesting tools / accounts for public cloud vendors to enable testing
      - Approval has been obtained from the Board.
    - Platforms

- Google lot
- Azure lot
- Janko to make full list and submit to Keith
  - Janko on vacation until July 9.
- Trevor to send email to Keith and Drasko ask for IoT specs for Brett.
- Structured log format
  - I personally haven't had time to follow-up on this (Trevor)
  - o Post-California
- California branch cutting
  - All core/device services have been included
  - New docker-compose file v0.6.0.
    - Action item for Jim currently
  - Dot release (July)
    - support-notifications (possibly scheduler)
      - Agenda item for Device Service meeting on Monday
    - Consul upgrade (may go in w/California)
  - DevOps meeting to be re-activated
    - Analysis and learnings from California
  - Discussion related to docker-compose EdgeX / EdgeX + security \*\*
    - Mgmt of Docker / Snap files
    - Tony's preference to have one file for all containers
      - Trevor suggested two files one for EdgeX, one for security in case user wanted to only deploy EdgeX w/o security features
      - Rodney said for California, strategy is to have two files one for EdgeX only, one for EdgeX + security
      - In Tony's case, turning off security would constitute commenting out the relevant entries
    - Handling this in a more stream-lined fashion is topic for resurrected DevOps meeting.
    - Steve's point to ensure compose files are easy to use for manual/dev purposes as well as automation
      - What about compose files for deployment targets having different footprints? (other service discovery, security providers, etc)
  - Timing of the branch cutting \*\*
    - Tony's suggestion to not create release branch ahead of time
    - Onus of putting changes into both release and master
    - Release branch should be created at time of release / tagging?
    - Possible additional topic for DevOps
      - Are we paying the price for landing features late?

- If we only cut release branch at the last minute, then permissions around PR merge becomes much more restrictive (release manager role)
- Snap PRs to be included in v0.6.1
- Binary Serialization
  - CBOR / Protobuf decision is TBD
    - Steve did a quick proof of concept to compare the two
    - Not much of a size difference.
      - Steve's (et al) requirements posted to the wiki for feedback
  - Received some good requirements input on use cases from Stella
    - If anyone hasn't seen that and would like to, I can forward.
  - Either format requires schema change for the Reading object to contain the binary data (result bytes[])
- Code quality pipeline
  - On hold Haven't had time
  - Still looking to pursue gometalinter
  - Possible DevOps integration topic for meeting
- Dockerfiles creating containers "From Scratch"
  - We're doing this on purpose for security reasons.
  - Looks like the answer is already available to us
    - Each service now writes to /edgex/logs
    - /edgex/logs is mapped to the volume container
    - This was broken until earlier this week
    - It IS possible currently to shell into the volume container. Is that something we want to close off as well?
  - Would docker log <container\_id> also provide visibility
  - Docker / Snap have different capabilities and so customers will need some kind of guideline for the deployment environment based on the choice they've made.
    - Only device-virtual is included in the Snap currently.

## **New Business**

- o Meeting in Austin July 9<sup>th</sup>-11<sup>th</sup> for Delhi work item review and prioritization
- Possible agenda item for next meeting California release review
- Other items TBD
- Trevor to review PR #329