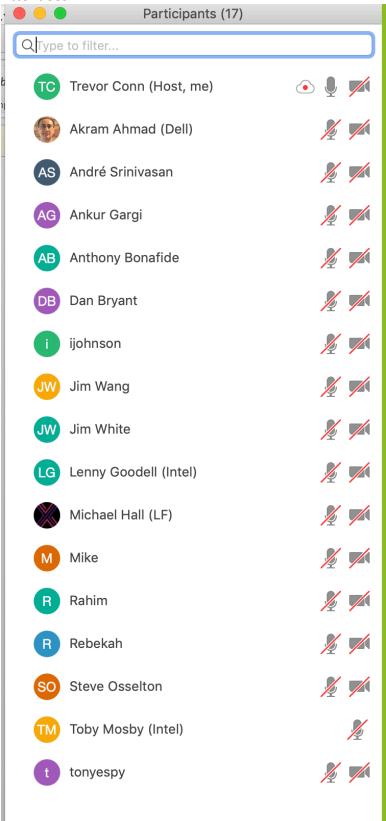
## **Core Working Group Meeting Notes (11-Apr-2019)**

## Attendees:



## **Old Business**

- Call for Fuji F2F topics (Reminder)
  - Currently proposed
    - High Availability
      - 12 factor apps
      - Service Orchestration
        - Registration/deregistration
        - When and when not to use SMA
    - Instrumentation
      - We have correlation ID tracking in our logs, but what's next?
      - Reporting capabilities as determined by deployment footprint
    - Architecture Principles
      - Explicit discussion of architectural guidelines to move toward
      - Assembly of resources to support guidelines and educate new team members
    - Persistence implementations
      - Decouple from mono-repo? How to do this?
    - Store and forward capabilities??
      - Collecting events at the edge, connectivity is lost. When restored, push everything stored in the meantime.
- Correlation logging is giving Tony heartburn
  - Should we reorder TRACE and DEBUG and make all correlation logging statements TRACE?
  - Ideally these should be on all the time but the TRACE level would simulate a separate sink for these messages that could be turned on/off.
  - Correlation logging statements will be logged at TRACE level
    - These will not be logged by default
    - Folks prefer changing log level for edge deployments in order to not flood the log.
    - Edge vs Cloud Should this be configurable? Not right now.
  - Re-order TRACE and DEBUG ?? Create our own?
    - Correlation logging done at TRACE level

- Evaluate and change TBD
- Pay attention to where INFO could be logged as DEBUG
  - Ping health check logging for example

## **New Business**

- Core-command PUTs
  - OperatingState / AdminState
    - Why? They're just pass-through to metadata
    - Issues with model validation
    - Add issues to convert these endpoints to correct REST PUT requests.
  - Get Commands by DeviceID/Name
    - For read-only operations like this, any reason why Corecommand can't just go directly to the database rather than through metadata client?
    - Discussed, but need to defer until post Edinburgh. Could lead to a wider systemic role for Core-Command. Is there a role for caching here?
    - How do performance statistics affect the decision to do this?
  - IssueCommand doesn't propagate correlation-id currently (issue #1219)
    - Anthony Bonafide is working on this (PR #1240)
- Review of DeviceProfile → ProfileName
  - Core-contracts
    - Issue #27 / PR #63
  - Device-SDK-Go
    - PR #238 (Unbuildable currently)
    - No interlock issue created
  - Edgex-go
    - PR #1236 (Unbuildable currently)
    - No interlock issue created
  - PRs have been closed. Diana to send email to device-service and core email lists with feature branches. Review will begin there and decision for inclusion in Edinburgh will be made based on subsequent progress.
    - Possibly PR against fork's master
- Invocations of core-command from northside

- o In scope for CBOR work?
  - Sounds like it
- o Core-command Request
  - Accept (JSON, CBOR)
- o Response (content-type one of the above)

Question on extent of core-command documentation. We need to audit and address gaps.