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Attendees:

Participants (16)

Type to filter...

 Trevor Conn (Host, me)	 
 Rodney Hess	 
 André Srinivasan	 
 Anthony Bonafide	 
 Brandon Forster	
 Diana Atanasova	 
 Eric Cotter	 
 ijohnson	 
 Jim Wang	 
 Jim White	 
 Lenny Goodell (Intel)	 
 Malini Bhandaru	 
 Michael Estrin	 
 Mike	 
 Toby Mosby (Intel)	
 tonyespy	 

## 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?
      - *Added topic RE: data lifetimes (core-data vs. core-metadata)*
    - 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 (*DONE*)
  - *Agreed to change correlation logging level from Info to Trace for the time being*
  - *PR #1250 should be merged by the time of this meeting*
- Core-command PUTs
  - *OperatingState / AdminState*
  - *Add issues to convert these endpoints to correct REST PUT requests.*
  - *Project Kanban board <https://github.com/edgexfoundry/edgex-go/projects/9>*
- *Redis (Andre)*
  - *PR submitted for notifications*
  - *Needs to address merge issue from Ian Johnson*

- *Hopefully can get this one in and then address separate issues subsequently.*

## New Business

- CBOR
  - *Review input from Anthony on ingestion from core-data RE: no event ID (issue #1216)*
    - *See design docs from last year on concurrent approach*
  - *Will app-functions be updating the timestamp in the same manner as export-distro?*
  - *Yes, the idea is that we would continue to update the MarkPushed in core-data*
  - *What's the cost of re-encoding*
    - *Discussed benchmarking with binary payloads of 1MB*
    - *Time / memory cost*
    - *Anthony to work on this benchmarking harness*
  - *Also discussed adding the Event ID after persistence to the message envelope*
  - *Also discussed publishing the JSON event as well with Event ID utilized for MarkPushed call*
- Update on removal of DeviceProfile from Device (core-contracts issue #27)
  - Core-contracts issue #68
  - Edgex-go issue #1254
- Core-command part deux
  - When device profile is added, we save the associated CoreCommands in a separate collection
    - See mongo/metadata.go:: AddDeviceProfile()
    - These commands are never updated if the profile changes
    - The commands are not associated directly to their parent device
    - The commands aren't updated when a device profile changes
    - The commands can only be updated by a 3<sup>rd</sup> party via a direct PUT to core-metadata/api/v1/command
      - What service does this?
  - If we were to address the following
    - Add device linkage to the CoreCommands saved in this separate collection

- Facilitate their being kept in sync internal to core services when device profile change occurs
- Then we could
  - Allow the core-command service to lookup all commands for a given device
  - This would eliminate the current path to call core-command which calls core-metadata
    - Core-metadata returns the large Device document from which commands must be parsed and returned to caller.
  - Remember the discussion from last week about giving core-command its own DBClient...?
- *Had to cover this quickly due to time constraints. There were no objections.*