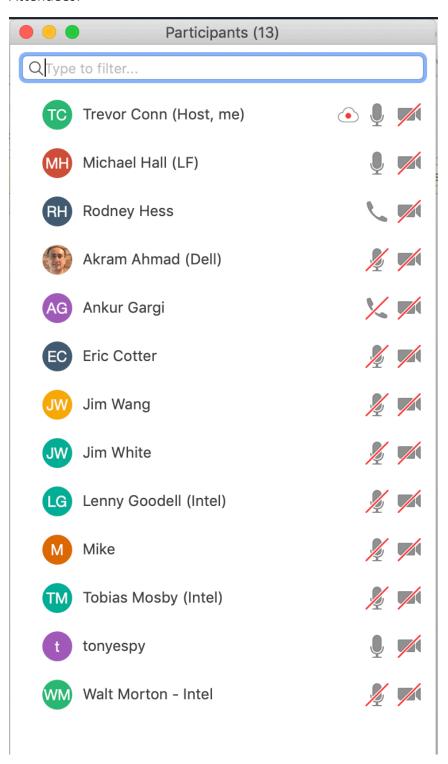
Core Working Group Meeting Notes (14-Mar-2019)

Attendees:



Old Business

- Intel -- Meeting scheduled last week w/Microsoft RE: Go plugins support for Windows
 - o How did it go?
 - It was rescheduled. Still pending.
- Operating State Unmarshalling Follow-up
 - Try OperatingState as pointer on ProvisionWatcher, does that trigger Unmarshal when not specified in the request?
 - Investigate tags which could be opposite of omitempty and require the field on the request
 - This might not prevent a request created by hand

New Business

- Metadata/Scheduler removal complete
 - Changes have been merged to Redis feature branch
 - o Redis still needs implementation for new support-scheduler service
- CBOR Review
 - o Targeting this for Edinburgh scope since date was moved
 - o Toby @ Intel has additional materials
 - Integration coordination
 - Direct communication between Trevor (core) → Toby (device)
 → Lenny (app_func)
 - Create issues, assign
 - Create Kanban project in each repo and then add the issue to the project
 - o Last week's preliminary assignment of tasks below
 - Side note Resources for implementation from Mainflux for App Functions SDK starting April 8th
 - Task list
 - #2 Extend reading with new value descriptor for binary content (byte array) – core contracts (Trevor – Core WG)
 - Review modifying PropertyValue and ValueDescriptor

- Implement ability to call AddEvent and receive "not implemented" error while Device Services development is starting.
- o Trevor To Do
 - Readings/value descriptor mods
 - Value descriptor
 - o type="binary"
 - "mime" describes the content of the blob (pic, audio, video)
 - Add Blob property to Reading
 - HTTP header via Context (?)
 - Detect header in core-data and return "Not Implemented" status
- #1 Ingestion of binary data, create event containing the above reading, POST to core-data using CBOR contenttype header (device-sdk Tobias @ Intel)
 - Is this universal to all protocol specific services?
 - Resolve designation of a reading as CBOR in follow up Device Services Meeting
 - In order to know when to encode for CBOR if event includes non zero length byte array, then send event as CBOR.
 - Possibly allow for this to be a toggle for flexibility, also possibly format of encoding.
 - O Which specific protocol device service?
 - Possibly device-camera-go in holding
 - Possibly device-mqtt-go
- #3 Receive event with CBOR content-type (coredata/AddEvent). Trevor & Core WG
 - Convert to JSON to persist event without actual byte array content due to size constraints
 - Publish event as CBOR through Messaging interface

- When sending to app-functions, will need to provide content-type as "application-type/cbor".
 Body of published message is a byte[]
- #4 Receive event from Messaging as CBOR payload (export-distro) Trevor & Core WG
 - Publish event to relevant clients with content-type header where appropriate
- #5 Integrate above Messaging with app-functions-sdk (Lenny / Mike @ Intel)

New Business – Add agenda item for documentation gap assessment and task assignment next week