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Attendees:

Participants (13)

 Trevor Conn (Host, me)	  
 Michael Hall (LF)	 
 Rodney Hess	 
 Akram Ahmad (Dell)	 
 Ankur Gargi	 
 Eric Cotter	 
 Jim Wang	 
 Jim White	 
 Lenny Goodell (Intel)	 
 Mike	 
 Tobias Mosby (Intel)	 
 tonyespy	 
 Walt Morton - Intel	 

Old Business

- Intel -- Meeting scheduled last week w/Microsoft RE: Go plugins support for Windows
 - *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*
 - *Redis still needs implementation for new support-scheduler service*
- CBOR Review
 - *Targeting this for Edinburgh scope since date was moved*
 - 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*
 - 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.
- *Trevor To Do*
 - *Readings/value descriptor mods*
 - *Value descriptor*
 - *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 content-type 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.
 - Which specific protocol device service?
 - Possibly device-camera-go in holding
 - Possibly device-mqtt-go
- #3 Receive event with CBOR content-type (core-data/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