

Core Working Group Agenda (14-Mar-2019)

Attendees:

Old Business

- Intel -- Meeting scheduled last week w/Microsoft RE: Go plugins support for Windows
 - *How did it go?*
- Operating State Unmarshalling Follow-up

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
 - Expected post-Edinburgh
 - Toby @ Intel has additional materials
 - 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
 - #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
- #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)