Monthly Architect’s Meeting, January 24, 2022, 10am PDT

Attendance:

Some attendees may have joined after the call started when this record was captured.

Quick Topics

- **EdgeX message bus topic naming (to prefix or not to prefix)** - from Lenny’s note that we might want to start to consider message bus topic names as we look to expand message bus use. Should we prefix all names with "edgex"
  - “edgex” should stay
  - In configuration, we may want to default the first piece. Base topic example: “edgex/events” and then we add the other elements in configuration.
  - Low priority item – for EdgeX 3.0 as it would be backward incompatible.
  - Jim to get with Lenny on issue creation and add to a new EdgeX 3.0 board.
  - Topic aliases (making messages smaller - especially when the topic names are long) – also future consideration but not required now.
- **Possible registry ADR items to be worked on that may have been missed in Jakarta.**
  - How best to implement at bootstrap?
  - Update the bootstrap handler (each service that could be made common) – get the location of the service from the registry vs configuration.
    - Need a retry loop because that service hasn’t registered yet
  - Send this back to core working group -> create issue on missing implementation of ADR
    - Jim to create the issue and work with James on getting it added to Core WG agenda
    - This only will address situation on service startup and not service change of location during runtime.
- **Check of the decision board** – are we missing any known decisions that people can think of
High Priority Discussions

- **Metrics ADR**: review and determine direction
  - Do we replicate the message bus connection details for separate telemetry messages?
    - For EdgeX 3.0 – we may want to consider allowing multiple connections with different config (this is a topic that goes beyond telemetry, but telemetry would possibly have a QoS that is likely different that event flow)
    - Jim to create 3.0 cards board for future considerations
  - Configuration is done through static file and Consul – no API to begin with (see if there is a need later and then add REST API if there is a calling for it)

- **Unit of Measure ADR**: time permitting
  - Investigate SenML for any applicability or ideas (https://datatracker.ietf.org/doc/html/rfc8428) – Jim to take
  - Explore the units/units_standard additions to the resource in the profile (should these be combined – there may have already been some discussion about this).