

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 than 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).