Topics for today:

Black Box Tests - Walkthrough for App Service Configurable

HTTPS Export -- We are at parity now(Good for Fuji) - Stretch goal to extend scope to the following:
- mTLS?
- OAuth?
- Token Based Auth for header?

Azure Export
- How many services do we want to provide an example for?
- Support existing Azure IoT Hub (via MQTT)
- Create issues for other Azure services that could be helpful with “help-wanted” tag
  - Blob Storage

Refactoring of Functions

Port Allocation:
- Default is 48095 today
- Option to support ephemeral ports (OS Picks).

Any Bugs needing to be discussed?

https://github.com/edgexfoundry/go-mod-messaging/issues/31

Any Other Updates?

Still in Beta today - Will match major release of EdgeX once released.

From Last Time:

Export Distro (Issue #512) / go-mod-messaging (Issue #28)
- Only able to recreate with core-data running in docker
- Found new issue where core-data stopped publishing events
- No errors or crash.
- Stopping DS(s) and restarting mongo resolved until both DSs running.
- Dropping Events & Readings collections from Mongo resolves issue

- Lenny will merge fix and update edgex-go and retest
- Lenny will create issue for new issue where Core Data stopped publishing.
  - Lenny will take his test case to the QA/Test WG.

**App-service-configurable Docker**
- Profile specified from `compose file 'cmd:' or docker run.
- Default run without profile will cause error.
- Will start with the following profiles:
  - rules-engine
  - mqtt-export
  - http-export
  - docker
    - Default sample (filter & xml transform)
  - Current filter function need to pass-thru if filter values empty, currently none passed thru.
    - This allows more flexibility with configurable pipeline

**Blackbox Testing**
- First pass on existing REST API using current tooling and scripts to set config
  - Will also use REST Trigger to drive testing function pipeline
    - Post event
    - Pipeline runs
    - Result send back as HTTP response
- More Robust test once we have Robot (dependent on QA/Test WG)
  - Above race condition and previous expose that we don’t have sufficient full scale integration and stress testing.
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**Any Bugs needing to be discussed?**

**Any Other Updates?**

- Rules engine update
  - Jim working on it to handle MessageEnvelope
  - Looking for recommendation for CBOR package for Java
- Environment variable override has been merged.