EdgeX Foundry Core Working Group

(plus QA/Test, System Management and UI)

12 July 2022

ATTENDEES

Participants (6)   -

EW   EdgeX Working Group 1 (Host, me)

JW   Jim Wang (Intel)

L-   Lenny -Intel

CS   Cece Shen

ML   Melody Liu

RH   Rodney Hess (Beechwoods)

AGENDA

TAF Status

- Functional tests: 594 - all passing

- Integration tests: 47 - all passing

- Performance tests: 10 - all passing

Any Other Business

- Upgrading Go 1.18

- The design of backward compatibility tests have been finished.

- [#4053](#) Device name, profile name, resource name, and command name supports Chinese naming- our validator needs to be reversed to not allow specific characters (space, comma, etc.) rather than restrict to limited set of characters.

Ticket Status

Core WG [Project Board]

- edgex-go

  - New issues

    - [#4078](#) Core command subscribes to query requests and publishes query responses to 3rd party requester via messaging

    - [#4077](#) Add the necessary configuration and configuration handling to core command to work with the internal and external (MQTT) message subscrption and publishing topics, connection information, etc.

    - [#4076](#) Core command subscribes to device service responses and publishes responses to 3rd party requester via messaging

    - [#4075](#) Core command subscribes to 3rd Party command requests and publishes requests to the appropriate device service via messaging

    - [#4074](#) Outfit Core Command with external MQTT topic access (to subscribe and publish)

    - [#4073](#) Outfit Core Command with internal message bus access (to publish and subscribe)

  - In progress issues

    - [#4053](#) Device name, profile name, resource name, and command name supports Chinese naming

    - [#3957](#) Implement Unit of Measure (UoM) ADR

- go-mod-messaging

  - New issues

    - [#161](#) Receive from redis using pubsub channel

    - [#160](#) [Placeholder] Using message envelop and message payload model objects for north-south-messaging feature

- go-mod-core-contracts

  - New issues

    - [#747](#) Deprecate lastConnected and lastReported fields in both device service and device

  - Fixed issues

    - [#737](#) Add validation logic for the Reading values to prevent the wrong data type value

    - [#743](#) Optionally exclude validator from build

- go-mod-bootstrap

  - In progress issues

    - [#318](#) Device Service Exits With Success If Port Bind Fails

- edgex-compose

  - New issues

    - [#256](#) computer vision model based use case?

    - [#257](#) init.lua:310: execute(): DNS resolution failed: dns server error: 3 name error.

- edgex-docs

  - New issues

    - [#788](#) fix alerts and notification documentation

    - [#787](#) Update Scheduler data dictionary and remove unused field for 2.x

  - In progress issues

    - [#781](#) Placeholder for Metrics implementation and documentation

  - Fixed issues

    - [#780](#) [App Services Docs] Document Additional Metrics

    - [#720](#) Ireland, Jakarta: links point to non-existent links for Kubernetes deployment examples

QA/Test Issues [Project Board]

- edgex-taf

  - New issues

    - [#682](#) Placeholder for additional metrics automation tests in Levski

    - [#683](#) Always CBOR option for performance

    - [#684](#) Implement the automation tests for UoM feature

    - [#685](#) Develop TAF tests to check north-south message requesting and responses

  - In progress issues

    - [#541](#) Update ASC functional tests to use new aes256 Encrypt algorithm

    - [#665](#) [performance test] Fetch image size of spiffe related service

    - [#594](#) Regression test needed for delayed-start service ADR

  - Fixed issues

    - [#681](#) Implement automation tests for core-data existing metrics

- ■ [#686](#) Export002 - Export events/readings to MQTT Server should not be validated by log message
  - ● edgex-taf-pipelines
    - ○ In progress issues
      - ■ [#108](#) Add backward compatibility test between main and Jakarta
      - ■ [#107](#) Increase IntegrationTest timeout for arm64

NOTES

- ● Cloud to open an issue and send out a mail to discuss the restriction of name character with the community
- ● Cloud to review the System Events ADR