



6/3/21

Attendees:



Others may have been in attendance after roll was captured.

Agenda

Old

- Ireland tasks updates (Cloud, Lenny)
- 2.0.1 update (Saggi)
- 2.0.1 Planning - final for pre-wire
- Jakarta Planning sessions - final for pre-wire
- ADR review (time permitting)

New

- Schedule interval runOnce

Old Business

Ireland

Update from Cloud:

- Notifications - finished all work
 - Working on automation tests (TAF)
- System management - implemented redesign work discussed last week. Open PRs; working on requested changes to those PR (Lenny rereview needed)
- V1 Clean up (Lenny) - PRs reviewed by Bruce; approved and ready to merge.
 - May be some additional clean up later (system management for example - issue already created)
- Overall - just a few issues to clean up
 - Core Data message bus loop
 - Scheduler issue
- TAF tests ongoing - more coming
- Documentation - Jim started, first PRs coming late this week or early next.
- CLI update to V2 (Saggi - 2.0.1) - fix issues with Snaps and Ireland - number of PRs coming today or tomorrow to address



(plus system management and UI)

- Kubernetes - NSTR
- UI - VMWare - NSTR
- Core Data Subscribe receives own messages published to message bus (3497)
 - Lenny trying separate topic approach
 - Prefix for topics to add “/core” ; same on Device Services to add “/device”
 - App services already use a wildcard
- Kong still connected to original Docker container (403)
 - Trying dns_stale_ttl override
 - Lenny tried this and dns_valid_ttl and this created issues. Will try dns_stale_ttl.
 - Cloud had Cherry try dns_valid_ttl and it worked to solve issue. Cloud to verify with Cherry that she doesn't see the same issue.
- 2.0.1
 - Bug fixes
 - Any and all or of certain criticality??
 - Any Device Services not upgraded to V2 APIs (GPIO, CoAP, LLRP)
 - Any Application Services not upgraded to V2 APIs (LLRP)
 - EdgeX examples not upgraded to V2 APIs (in edgex-examples repos)
 - Those not going to be upgraded should be annotated explicitly as 1.x only
 - New GUI
 - May have a beta release with 2.0
 - CLI V2 (refactor and upgrade to V2 APIs)
 - Removal of V1 or otherwise “dead” code
 - Lenny's PR is bulk of this, but some other clean up around things like System Management stuff that is to be cleaned out
 - Code for the actual V1 endpoints
 - Code behind the V1 database clients
 - Event tagging in C Device Services (done for Go DS)
 - Security implementations for C DS (secure Consul, secure message bus)
 - Early seeding of secrets without calling the endpoints (which isn't ready yet)
 - IOTech's DCT tool for use with EdgeX Ready – working with V2 profiles
 - Readings by timestamp and name (per Slack channel). (#3519)
- Jakarta planning sessions - Core WG considerations (Jun 21 - 25)
 - New/enhancements**
 - How does Canonical or others determine “stabilization release”
 - Try not to introduce new features
 - Can Tony give an overview in pre-wire



- ADRs for implementation consideration
 - Implement Device Service Filter ADR? - **NO, resource issue?**
 - Implement Service List ADR?
 - Implement Registry ADR?
 - Implement Metrics ADR? - **this is big and would be pushing things on stabilization**
 - Implement UoM ADR?
 - Solve System Management issues?
 - Digital Twin - **probably out**
- General
 - Enable CORS (for API Gateway and service APIs in general)
- Core/Supporting
 - MaxEvent Size a config setting (**there now but not being used**)
 - Improve ability to add interval/interval actions statically
 - Send commands to group of devices based on label
 - Add NATS implementation for message bus - **Too big**
 - Add Websocket support for notifications - **?? questionable for Jakarta**

Tech Dept/cleanup

- General
 - Upgrade to YAML **library** v3 (vs v2) - some research to do and impact
 - Replace poor 3rd party libs based on paper study (not supported, not used, etc.)
 - Includes ZMQ, logfmt, goburrow for modbus etc.
 - **Possibly on a case-by-case basis; those with low impact to stabilization**
- Core
 - Allow separate PublishHost and SubscribeHost in go-mod-messaging MQTT support - **probably not for Jakarta**
 - Fix SMA's default service list (also part of general system management and service list ADRs)
- Snap
 - Redis in the snap triggers apparmor denials
 - Modify install hook to drop usage of SNAP_INSTANCE_NAME
- **Future discussions**
 - **Get rid of ZMQ**
 - **Get rid of YAML**

ADR Review



(plus system management and UI)

- [ADR metrics collection](#)
- [ADR UoM](#)
 - Cloud brings up possible issue with backward compatibility
 - Understand this is something still to be discussed
 - May or may not be in Jakarta ; may or may not be backward compatibility to Ireland

New Business

- Scheduler interval runOnce ([3532](#)): Decision - remove for now. Issue and relook in later release or when use case warrants.
- Compose files now use "latest" tag; loading new images automatically.