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 (Siggi)
- 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 (Siggi - 2.0.1) - fix issues with Snaps and Ireland - number of PRs coming today or tomorrow to address
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- **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
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○ 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
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- 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.