



10/1/20

Attendees:



Others may have been in attendance after roll was captured.

Agenda

Old

- Issues/PRs
- V2 API update
- Conventional Commits
- Ireland “core” Scope finalization
- CLI update
- UI update
- Kubernetes update

New

- Dependabot checks
- Compose files with specific DS

Old Business

Current Status (Project board - as of 9/30)

- Backlog: 12(+4)
- Bugs: 13 (+8)
- In progress: 2 (even)
- Under review: 2 (even)
- Done: 94(+16)
- New: 1 (+1)

	Closed Issues	Working Issues ( <a href="#">new</a> )
edgex-go	#2740 (dependabot), 2711 - API url case sensitive), 2716 (notify DS of change)	2690 (update V2 Swagger for Value Type), 2697 (device profile post V2 API), 2682 (notifications email enhancement), 2692 (ping to core metadata bug), 2696 (SMA set not in swagger), 2702 (core metadata API response), 2718



(plus system management and UI)

		(response content/type not json), 2729 (V2 API get device profile), 2647 (validation logic add/upd profile), 2728 (V2 API post device service), 2723 (V2 API post event id conflict), 2719 (get event by id returns 404); <a href="#">8 new issues too</a>
contracts mod	#296 (dependabot), 302 (new error type for DS), 304 (AddEvent DTO doesn't pass id to Event)	#285 Redis bootstrap, #289 (validation of type on V2's property value), #294 (add support to get current log level), #295 (format alternatives to log func), #306 (UnmarshalJSON should not execute Validate), #310 (Add transform func for deviceProfile), #309 (models contain incorrect or empty description)
bootstrap mod	#91 (Dependabot), #98 (default startup duration - 60sec)	
Config mod	#14 (Dependabot)	
Registry mod	#51 (Dependabot)	
Messaging	#61 (Dependabot)	

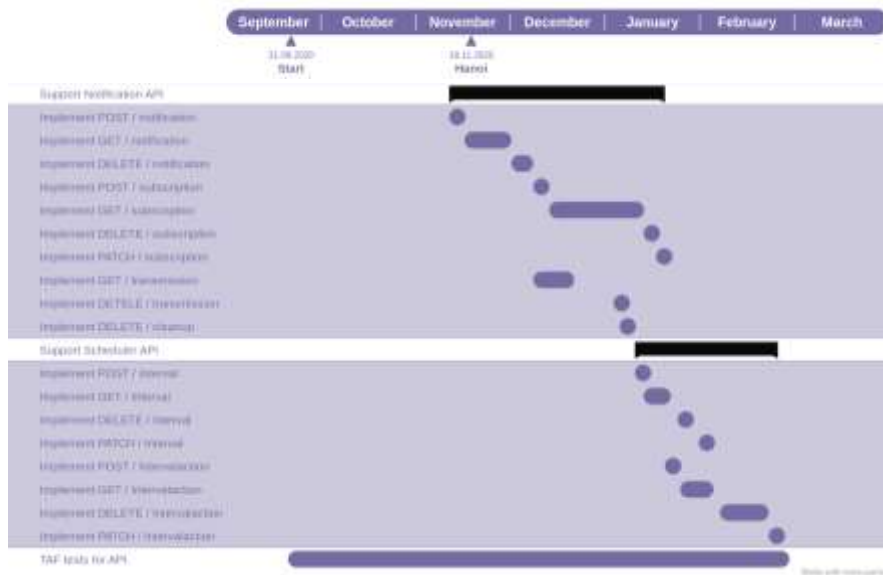
New issue triage: dev-cripts, [#319](#) - UI doesn't work. Lenny commented. Can we close? - Yes (Jim action)

- API V2





(plus system management and UI)



- Targeting core data service V2 API for Hanoi.
- Currently working on core data and metadata simultaneously.
  - Device Profile (Json and Yaml) APIs
  - Device Service (creation)
- CLI update
  - Roadmap doc
    - <https://docs.google.com/document/d/1tHxomWv5C1bz7LHvrOcbSwRMSXhvBngWYhFUv5fk4JY/edit?ts=5f1efac4>
    - Malini/Diana scope/planning for Ireland
    - Diana agrees with proposed scope for Ireland. Diana to send out response to the scoping email and then Jim to finalize with Diana/Malini
- UI Work
  - [Roadmap](#)
  - Email sent on UI for device wizard. Feedback from Lenny.
- Kubernetes Work - Meeting Sept 28
  - See wiki for meeting details. Action items
    - #1 - YAML file (deployment.yaml) that allows EdgeX as described above to be deployed in a K8s distro environment. Some documentation to provide a how-to-use, explain what is in the YAML, outline limitations, etc. Jim to work with Gavin Lu of VMWare to see how much of this has already been done and if his team can provide this solution by Hanoi.
    - #2 - A document outlining how to take a EdgeX Docker Compose file and deploy to a K8s pod using Kompose. Malini Bandaru of VMWare is taking the lead on providing this document/how-to-guide
    - Next meeting in late October or early November when some progress has been made. Look at Ireland scope
- Conventional Commits: Proposed types and scopes for approval (thanks Lenny for inputs)
  - edgex-go



(plus system management and UI)

- types: feat (for feature), fix, docs, style, refactor, perf (for performance), test, build, ci, revert
- scopes: core-data (or data), core-metadata (or metadata or meta), core-command (or command or cmd), snap, docker, security, scheduler, notifications, sma, deps (for dependencies), all
- all mods (bootstrap, core-contracts, messaging, registry, configuration)
  - types: feat (for feature), fix, docs, style, refactor, perf (for performance), test, build, ci, revert
  - scopes: **no scopes (custom scope if so inclined)**
- edgex-docs
  - types: feat (for feature), fix, style, build, ci, revert
  - scopes: [no scope for general docs or scope does not apply], intro (and getting started), api, adr, legacy-design, examples, **microservices**, ref (for reference), walk-thru
- edgex-cli
  - types: feat (for feature), fix, docs, style, refactor, perf (for performance), test, build, ci, revert
  - scopes: **no scopes (custom scope if so inclined)**
- edgex-ui-go
  - types: feat (for feature), fix, docs, style, refactor, perf (for performance), test, build, ci, revert
  - scopes: **no scopes (custom scope if so inclined)**
- docker-edgex-consul
  - types: feat (for feature), fix, docs, refactor, perf (for performance), ci, revert
  - scopes: **no scopes (custom scope if so inclined)**
- docker-edgex-mongo
  - types: feat (for feature), fix, docs, refactor, perf (for performance), ci, revert
  - scopes: **no scopes (custom scope if so inclined)**
- developer-scripts
  - types: feat (for feature), fix, docs, style, refactor, perf (for performance), test, build, ci, revert
  - scopes: no scope
- edgex-examples
  - types: feat (for feature), fix, docs, style, refactor, perf (for performance), test, build, ci, revert
  - scopes: app (for app services), deploy(for deployment) device (for device services), temp (for templates), security, all, or no scope if it does not apply to these
- DECISION: approved without dissent. Jim to work to get templates with these types/scopes in place.
- Ireland Planning items (agreed upon with items in red as additions)
  - Enhancement/new
    - V2 API completed -> EdgeX 2.0 and LTS -> certification
    - Generic Error Handling - Check in pre-wire if more is needed.



(plus system management and UI)

- Integrate time series database
  - which one(s)
- K8s support (if we have more to discuss per meetings)
- UI next steps (not a lot to discuss, just confirm resource and scope at Ireland planning)
  - Device wizard
  - Data visualization
  - SMA integration (start stop restart, service status)
- CLI next steps
  - V2 API
  - Testing
  - Add Security?? (stretch)
  - Localization/l8n (stretch)
- Core service changes or enhancements
  - Core data -> support data - third
  - Message bus to core data - second
    - DS -> AS via msg bus - first
  - Command information made available for export
    - MQTT trigger on that path
- Service metrics and control events
- Tech Dept
  - Code clean up for backwards compatibility (rip out stuff that is provided for backward compatibility that won't be necessary; example config vars that uppercase and lowercase)
  - Upgrade path - between releases (now that we are trying to go to 2.0)
    - Especially around database persistence
  - Combine command and metadata services
    - Are there other services we combine (rationale?)
    - Violating micro service encapsulation by having shared database
    - Refactor to allow separation of data concerns (and database?)
    - Need for command service is still there if it does more than proxy.
    - What is the roadmap with this service? Need to come to closure on where this is going.
  - Remove value descriptor (where do the other elements go)
    - We need an endpoint that returns the value descriptor type of information (not just going to get all the device profiles)
    - Need syntax sugar / convenience for value descriptor "stuff" - used in app service - don't want to have to get the profile and weed through it for VD stuff
    - Value descriptor is lacking stuff like "units"
  - Archive mongo, logging, drools engine - plan to do, but no real issue to discuss (as long as Ireland is V2)
  - Sys Management list of default services (also an issue with security proxy setup)



- How security handles it: services that setup proxy or tokens - add to env vars
- Improve binary support - we have already content type
  - Cue this for architect discussion # - intertwine this with VD discussion - is there a better way to tag or describe what's in the binary payload (and should we allow)
  - Analytics off binary data

## New Business

- Review Dependabot PRs
  - Skip minor releases for now (revisit then at start of Ireland dev cycle)
    - Exception for Testify??
  - Accept patch releases
  - Reject dot release and major release bumps; we will accept patch releases.
  - Subject to review of the particular Dependabot bump they want.
  - Jim/Lenny to work
- Should we add additional make command options for building custom compose files with specified device services
  - In Geneva users have to uncomment the additional device service(s), but in Hanoi the generated compose files will not have any of the commented out device services.
    - All the commented Device Services will not be present in standard compose files
  - Add options for each device service (ds-rest, ds-mqtt, ds-virtual, etc)
    - `make gen ds-rest` generates secure with just device rest
    - `make gen no-secty ds-rest ds-modbus` generates non-secure with device rest & device modbus
    - Decision: do this during code freeze for Hanoi release
    - Lenny to work this
    - We'd also need to update the getting started docs (along with README that already exists) to alert people to this feature.
  - Allows users to create a custom compose file with the specific device services they need.
  - Our default committed compose files would still just have ds-rest & ds-virtual