



9/24/20

Attendees:

A screenshot of a Zoom meeting participants list window titled "Participants (9)". The window has a search bar at the top that says "Find a participant". Below the search bar, there is a list of nine participants, each with a profile picture, name, and status icons. The participants are: Jim White (Host, me) with a green plus icon, a video camera icon, a microphone icon, and a red X icon; Lenny Goodell (Intel) with a microphone icon and a red X icon; Brian McGinn (Intel) with a red X icon and a red X icon; Cloud Tsai with a red X icon and a red X icon; Diana Atanasova with a red X icon and a red X icon; Haresh Kainth with a red X icon and a red X icon; Merrill Harriman with a red X icon and a red X icon; Siggi Skulason (Canonical) with a red X icon and a red X icon; and Jim with a red X icon and a red X icon.

Name	Video	Audio
Jim White (Host, me)	On	On
Lenny Goodell (Intel)	Off	On
Brian McGinn (Intel)	Off	Off
Cloud Tsai	Off	Off
Diana Atanasova	Off	Off
Haresh Kainth	Off	Off
Merrill Harriman	Off	Off
Siggi Skulason (Canonical)	Off	Off
Jim	Off	Off

Others may have been in attendance after roll was captured.

Agenda

Old

- Issues/PRs
- V2 API work
- CLI work
- UI work
- Kubernetes work

New

- Conventional Commits
- Ireland



Old Business

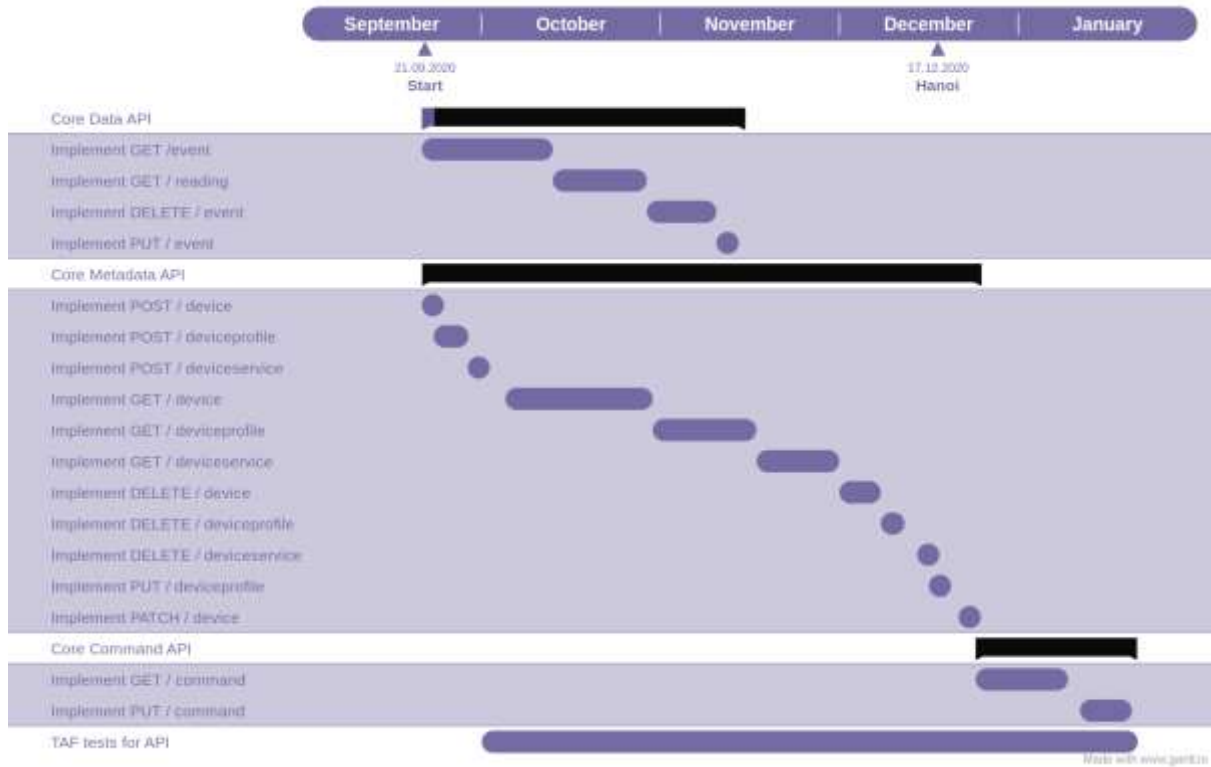
Current Status (Project board - as of 9/16)

- Backlog: 8(-2)
- In progress: 2 (-3)
- Done: 78(+14)
- Bugs: 5 (same)
- Under review: 2 (+1)
- New: 3 (+3)

	Closed Issues	Working Issues (new)
edgex-go	#2651 (update python in sma), 2698 (dry_run always got true), 2670 (implement GET event by id)	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)
contracts mod	#290 (return first non-empty msg), 292 (Add API route path)	#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)
bootstrap mod	#40 README update	

- Jim to review 294 and 295 that just came in.

- API V2



- Gantt chart to be updated with supporting services. We are exploring how to accelerate so that we complete V2 API by Ireland.
- Targeting core data service V2 API for Hanoi.
- Note location of Hanoi release is incorrect in the chart above.



(plus system management and UI)

- Event APIs
 - Query by ID first - merged of this first API (hopeful things will now progress faster with this one done)
 - Other Creation APIs and Query APIs being worked (additional PRs coming soon)
- Additional V2 API
 - Device Profile creation API (PR opened).
 - Device service model also ongoing concurrently.
 - TAF testing being implemented in tandem with API dev
- Query API implemented with multiple instances - needs pagination; offset and limit will be in header. Correlation id is currently in the header. Where should pagination offset/limit parameters be done?
 - Decision: keep them in the request HTTP header; set of key/value pairs like we have in message header in go-mod-messaging (future state)
- CLI Work
 - Roadmap doc
 - <https://docs.google.com/document/d/1tHxomWv5C1bz7LHvrOcbSwRMSXhvBngWYhFUv5fk4JY/edit?ts=5f1efac4>
 - Build process, coordination and documentation (DevOps meeting) - merged and done. Demoed at DevOps meeting today.
 - URL Flag & verbose flag separation PR created for review
 - PR merged for adding attribution file and scripts to keep it up to date
 - Rewriting commands to support JSON v TOML
 - Jim to get with Malini/Diana about scope/planning for Ireland
- UI Work
 - [Roadmap](#)
 - Hanoi efforts - some additional clean up around notifications; otherwise complete
 - Ireland Priorities - need some DS team help in laying out the device “wizard”
 - Jim to start email to discuss wizard idea
- Kubernetes Work - Meeting Sept 28
 - Rancher, Kubermatics/SAP among other community members expected
- Conventional Commits
 - Mike laid out the types / Scopes for Go
 - <https://wiki.edgexfoundry.org/display/FA/Committing+Code+Guidelines#CommittingCodeGuidelines-ConventionalCommits>
 - These types and scopes will be used with conventional commits on edgex-go.

<i>types</i>	<i>Scopes</i>
feature	Core-data or data
fix	Core-command or command or cmd
docs	Core-metadata or metadata or meta
style	snap



(plus system management and UI)

refactor	docker
perf	security
test	scheduler
build	notifications
ci	sma
revert	Deps (dependencies)
common (Jim to ask Mike what this is for)	All (applying to all services)

- Jim will send out draft / proposal (via email) on types and scopes for these to get reaction - and then work with LF/DevOps to get this in place for all these repositories.
 - Mods (bootstrap, core-contracts, messaging, registry, configuration)
 - edgex-docs
 - edgex-cli
 - edgex-ui-go
 - docker-edgex-consul
 - docker-edgex-mongo
 - developer-scripts
 - Edgex-examples

New Business

- Possible Ireland Planning items (# and ## - denotes probable architectural/design topic; two hashes for priority)
 - Enhancement/new
 - V2 API completed -> EdgeX 2.0 and LTS -> certification (consensus was high priority to get to EdgeX 2.0 ##)
 - Generic Error Handling # - maybe this is already done or to satisfaction today (based on what Cloud did in core-contracts); it is already used in DS SDK (Go); can be used in V1 or V2. # Check in pre-wire if more is needed.
 - Integrate time series database # (potential topic for pre-wire to start)
 - which one(s)
 - K8s support (based on what comes out of upcoming meetings - TBD)
 - UI next steps (based on current roadmap - 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 (Jim to get with Malini and Diana and put together target list from work items off the Roadmap)



(plus system management and UI)

- These next three should be discussed with priority of work and implementation in order suggested. To be discussed at pre-wire and planning meeting ##
 - 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 ## (priority item)
- Tech Dept
 - Upgrade path - between releases (now that we are trying to go to 2.0; can we leave this to implementing companies?? Seems risky) ##
 - 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”
 - Removing addressable - done with V2; nothing further to discuss
 - 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) - #
 - 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
 - Alternate message formats- NGH until strong demand
- Other business
 - Start up time - default to 60 versus 30?
 - Decision - yes. Lenny taking the action item.