



7/9/2020

Attendees:



Others may have been in attendance after roll was captured.

Old Business

| | Closed Issues | Working Issues |
|---------------|------------------------|------------------------------------|
| edgex-go | 2602, 2604, 2607, 2526 | 2596 (PR needs review), 1699, 2609 |
| contracts mod | 235, 245 | 249 |
| bootstrap mod | 80 | |

- API V2
 - PR 236 - merged!!!
 - Event handler / controller PR
 - <https://github.com/edgexfoundry/edgex-go/pull/2610>
 - Now ready for review
 - Parallel work on Metadata DTO will begin
 - Discussion on device name/id inclusion: PR coming that will contain suggested approach - sticking to swagger file and internal model with have both name and id, but the DTO will have name (Cloud)
 - Event model and request API - should have device id or name
 - Discussion: This is more of a generic issue - reference to other objects in system; not just events



(plus system management and UI)

- Both API and model will implement everything by name (Cloud)
- Remove all by id Gets - until use case shows need (Cloud)
- Swagger V2 will reflect these decisions (Cloud)
- Put this decision in the release notes (Jim)

- Created timestamp issue (issue #2602)
 - PR 2605 fixes this (needs approval/merge)
 - Lenny not crazy about the fix
 - Set the timestamp early before persisted (not requiring query for the object)
 - Cloud and team have addressed Lenny's concerns and it needs re-review (Lenny)
 - Documentation on origin vs created timestamp (Jim to find doc and send to Rodney)
 - Submit issue in edgex-docs to make sure the differences between these timestamps is documented somewhere (Rodney)
 - Not planning a bug fix release just for this.

New Business

- Snap bug - on ListenAndServe #2611
 - Change in 1.2.1 - side effect on snap
 - Need patch for Snaps - using the previous version of go-mod-bootstrap in edgex-go
 - Would also have to do this for snap device services
 - Hanoi fix is to have an interface/config var (in the backlog)

Ran out of time - cover these in the next meeting. Jim asked all to review.

CLI Direction

- Recommend moving out of holding
- Most of the bugs have been fixed (ones that provide required functionality)
- I think it would help certain user groups (adding it to some of the documentation would be helpful)
- We are getting some requests by adopting groups
- Making it more prominent can help in adoption and feature understanding
- VMWare (Malini and Diana) have stepped up to make it work and make it useful and have shown commitment to see it used

UI Direction

- UI Today
 - Display device services, devices, device profiles
 - Upload/remove device profile
 - Add, edit, remove device
 - Display schedule intervals and interval actions
 - Add, edit, delete interval and interval actions
 - Display notifications, transmissions

EdgeX Foundry Core Working Group



(plus system management and UI)

- Display subscriptions
- Add and remove subscriptions
- Coming (Hanoi)
 - Manage app services (add functions, see data temporarily, etc)
 - Manage Kuiper rules
- User Interface - beyond Hanoi
 - Clean up notifications/transmissions
 - Core data visualization/graphing - using core data APIs
 - Integrate with a data visualization tool?? Like Graphana?
 - Deal with binary data at all??
 - Metrics data visualization/data display
 - CPU, memory today
 - See config? Configuration update? With appropriate service start if necessary? Admin functions? Start/stop/restart services?

Kubernetes Direction (release target is just a suggested goal)

- Crawl (Hanoi or Ireland): Have an example deployment.yml and service.yaml for deploying a single instance of EdgeX (minus device services) to a pod. With Redis, minus security.
 - Include example of how to setup device-virtual to send data to K8s instance
 - Document/demonstrate/provide example of setting up in K3s
 - Document what would not work in this environment
- Walk (Ireland): Include security
- Jog (Ireland or Jakarta): Helm charts & / or Operators
- Run (Jakarta or Kamakura): start addressing HA concerns in EdgeX