



10/29/20

Attendees:



Others may have been in attendance after roll was captured.

## Agenda

### Old

- Issues/PRs
- V2 API update
- CLI update
- UI update - data visualization prototypes
- Kubernetes update - deployment files
  - Kompose update
- Dashboard cleanup (Hanoi)
- Developer scripts (Lenny)

### New

- Metrics and control plane event ADR
- Filter ADR (device services)

## Old Business

Current Status (Project board - as of 10/28)

- |                   |                       |                |
|-------------------|-----------------------|----------------|
| ● Backlog: 3(-11) | In progress: 2 (even) | Done: 137(+10) |
| ● Bugs: 7 (-2)    | Under review: 2 (+2)  | New: 0 (-1)    |

- Hanoi Release
  - Name change in compose file; just docker image name change (per slack)
  - Andre's PR dev script ready go
  - Manual reconciliation of Docker compose names and CI/CD pipe; we need to just make sure these are aligned.



## Issues

- Edgex-go
  - Fixed issue
    - Issue #2817, [V2 metadata] Implement device exists checking V2 API.
    - Issue #2820, [V2 metadata] Implement PATCH /device V2 API.
    - Issue #2826, [V2 metadata] Implement GET /device/service/name/{name} V2 API.
    - Issue #2757, [notifications] no sender / recipient metadata in SMTP message body.
    - Issue #2804, [V2 metadata] Implement Metadata GET /device/name/{name} V2 API.
    - Issue #2814, [V2 metadata] Implement GET /device/all V2 API.
    - Issue #2838, [V2 data] Implement GET /event/all V2 API.
    - Issue #2842, [V2 data] Implement GET /event/device/name/{name} V2 API.
    - Issue #2845, [V2 metadata] Update device service with empty name should return status code 400.
    - Issue [#2856](#), [V2] Upgrade go-mod-core-contracts version. **Fixed issue**
  - Working issue
    - Issue #2682, [notifications] support long / HTML email messages.
    - Issue #2753, refactor the pkg.Encode func name more meaningful.
    - Issue #2834, [V2 data] Implement Core Data DELETE /event/id/{id} V2 API.
    - Issue #2837, [V2 data] Implement DELETE /event/device/{deviceName} V2 API.
    - Issue ~~#2844, [V2 metadata] deviceservice property baseAddress can be updated to empty string.~~ **FIXED**
  - New issue
    - Issue #2843, Can not update Path when tried to update customized interval action (version 1.2.1).
    - Issue [#2859](#), can not RunOnce interval to frequency interval on version 1.2.1.
    - Issue [#2860](#), [v2 metadata] Update device with non-existent serviceName or profileName.
- Go-mod-core-contracts
  - Fixed issue
    - Issue #358, [V2 data] Modify event and reading API route path.
    - Issue #360, [V2] Rename some API routes to be consistent with edgex-go func name.
    - Issue #362, [V2] Add id, name and baseAddress validation for UpdatedDTO.
- Go-mod-bootstrap
  - Fixed issue
    - Issue [#78](#), flags parsing fails on specific values '-r' or '-cp'. **Fixed issue**
- V2 API update from Cloud
  - **Scrub PR - Lenny suggestion to be adopted**
  - **V2 API expected for Hanoi (device service APIs) completed**
  - **Stopped V2 dev for code freeze**



(plus system management and UI)

- Priority APIs for early Ireland

EDX-921	● Implement Metadata GET /device/service/na...	21/10/20	21/10/20
EDX-689	▣ ● Core Data V2 API Implementation for Ireland	16/11/20	3/12/20
EDX-694	● Implement GET /event/start/{start}/end/{end} ...	16/11/20	17/11/20
EDX-696	● Implement GET /reading/all V2 API	18/11/20	19/11/20
EDX-697	● Implement GET /reading/count V2 API	20/11/20	23/11/20
EDX-698	● Implement GET /reading/device/{deviceId}/all...	24/11/20	25/11/20
EDX-699	● Implement GET /reading/type/{type} V2 API83	26/11/20	27/11/20
EDX-700	● Implement GET /reading/start/{start}/end/{en...	30/11/20	1/12/20
EDX-701	● Implement DELETE /event/age/{age} V2 API	2/12/20	3/12/20
EDX-325	▣ ● Core Metadata V2 API implementation for Ireland	16/11/20	3/12/20
EDX-898	● Implement Core Metadata GET /deviceprofile...	16/11/20	17/11/20
EDX-899	● Implement Core Metadata GET /deviceprofile...	18/11/20	19/11/20
EDX-900	● Implement Core Metadata GET /deviceprofile...	20/11/20	23/11/20
EDX-918	● Implement Metadata GET /device/profile/id/{i...	24/11/20	24/11/20
EDX-919	● Implement Metadata GET /device/profile/na...	25/11/20	25/11/20
EDX-920	● Implement Metadata GET /device/service/id/{i...	26/11/20	26/11/20
EDX-963	● Implement Metadata GET /device/id/{id}	27/11/20	27/11/20
EDX-964	● Implement Metadata GET/deviceprofile/id/{id}	30/11/20	30/11/20
EDX-965	● Implement Metadata DELETE /deviceprofile/i...	1/12/20	1/12/20
EDX-966	● Implement Metadata POST /deviceprofile/upl...	2/12/20	2/12/20
EDX-967	● Implement Metadata GET /deviceservice/id/{id}	3/12/20	3/12/20

- When do we add clients - so device service can test out V2 device service APIs?
- Get Metadata APIs GETs done and then develop metadata client
- Coordinate with Device Service team (requiring next version of V2 SDK)

- CLI update

- Roadmap doc

- <https://docs.google.com/document/d/1tHxomWv5C1bz7LHvrOcbSwRMSXhvbNgWYhFUv5fk4JY/edit?ts=5f1efac4>

- Updated README

- Provisioning add/update/delete device (priority 2 stretch)

- UI Work - feedback on early UI



(plus system management and UI)

**profile-device-service/scheduler/...**

The diagram of the three

depict device-service to device to device profile mapping

perfect

device's event or reading

depict readings per device in this pie chart

pie chart should show witch data? depict readings per name (used to be value descriptor) in this pie chart

Data List display some detail data, like event/reading or device information or ....

#	ID	Name	Description	Labels	Addressable	OperatingState	AdminState	Devices	Created Time	Modified Time
1	020a001-2e04-4211-b481-4902c30272c	edge-obsrv-test				ENABLED	UNLOCKED		2020-10-12 21:19:05	2020-10-12 21:19:05
2	160aa65-681-4705-4791-12d42805407	device-virtual				ENABLED	UNLOCKED		2020-10-12 21:19:05	2020-10-12 21:19:05

no real preference with regard to menu or tabs, but wish to keep things consistent throughout all the UI

depict events per device here

display real-time data by category with data source or ....

depict readings per names (old value descriptors) based on what device is selected on left

display each of device receiving data count.

data list will show the receiving data dynamic, may be only display json

show actual reading values in table below based on reading name selected above

#	ID	Name	Description	Labels	Addressable	OperatingState	AdminState	Devices	Created Time	Modified Time
1	020a001-2e04-4211-b481-4902c30272c	edge-obsrv-test				ENABLED	UNLOCKED		2020-10-12 21:19:05	2020-10-12 21:19:05
2	160aa65-681-4705-4791-12d42805407	device-virtual				ENABLED	UNLOCKED		2020-10-12 21:19:05	2020-10-12 21:19:05

- Q1: In the pie chart / every chart , which data should we display , or what data do users care about.
- We think the pie charts should show readings per device on the left chart and then the readings per name (or what used to be value descriptor name) on the pie chart on the right side.
- 
- Q2: Is the page layout reasonable? for now , we make a distinction between dynamic data and static data relatively , at two Tab
- yes. I provided our thoughts on what should be on both pages but I think we are aligned.
- Q3: On the previous question, we should use Tab or Menu to show different types of data.



(plus system management and UI)

- There is no strong opinion on one over the other, but we should strive for consistency in approach. Given that almost all of the UI currently drives off of a menu, I think this would make things more consistent.
- Separate compose file for UI?
  - Keep separate for now to highlight test/dev/demo purposes
- Concerns that UI gets used in production
  - Banner at the top of the UI should discourage
- Branding should be that of our web site (Ireland scope??)
  - Layout, color scheme
- Kubernetes
  - Kompose work - still in progress from Malini. She will let me know by end of week if this will land in Hanoi
  - “Crawl” step with single instance EdgeX in a pod using deployment.xml
    - Initial prototype done by Huaqiao
- Project dashboard - Hanoi final
  - <https://github.com/orgs/edgexfoundry/projects/25>
  - Access to all data is by key; separate keys by service; sets us up for Redis 6 ACL
    - Today, not using service as part of namespace (prefix)
  - Which bugs get done in 2 weeks?
    - Cloud/Jim
- Developer scripts
  - Restructure new compose stuff into “**compose-builder**” - Lenny
  - Disposition old issues - Jim

## New Business

- Metrics and control plane event ADR - **need separate meeting to discuss**
- Filter ADR (device services) - **pick up with Iain**
- ADR for message bus DS->AS (Lenny)
- Secret provider for all (Lenny)