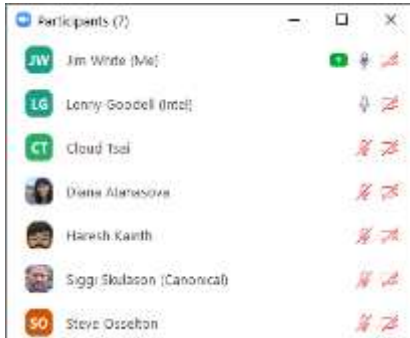




9/3/20

Attendees:



Others may have been in attendance after roll was captured.

### Old Business

Current Status (Project board - as of 9/2)

- Backlog: 8(-6)
- Bugs: 5 (same)
- In progress: 5 (+2)
- Under review: 0 (-1)
- Done: 58(+9)
- New: 2 (+2)

	Closed Issues	Working Issues ( <a href="#">new</a> )
edgex-go	#2643 (ENTRYPOINT), #2015,2017-2020 module exploration	2667-8 (new Tags field), 2670 (implement GET event by id) <a href="#">1734 (error handling)</a> , <a href="#">2680 (Go 1.15.1)</a>
contracts mod	270 (tag property), 272 (PUT for device admin/opstate)	<a href="#">2678 (update operating/admin status)</a>
bootstrap mod		
go-mod-msg		

- API V2
  - Event query APIs (**on a little hold as we address error handling/PR forthcoming soon**)
    - This will assist in TAF testing of V2 API
    - Query by ID first
    - Limit parameters for all query APIs
      - Implementation of “how” to be reported soon (Cloud)
  - Continue handler/controller work



(plus system management and UI)

- UUID add to event
  - ADR comments provided by Cloud
  - Plan: use ID field vs a new field. Have core data populated if it is not provided prior to send to core data. Jim to clean up the ADR.
- Issue [2651](#) - sys mgmt agent - use of Python 2 and vulnerability report
  - Image installs Python 2 and we need to try to install Python 3
- CLI
  - Roadmap doc
    - <https://docs.google.com/document/d/1tHxomWv5C1bz7LHvrOcbSwRMSXhvBngWYhFUv5fk4JY/edit?ts=5f1efac4>
    - Work this past week: new APIs and Dependabot
    - Remaining questions are below:
      - Which additional APIs need to be covered? Diana has provided a spreadsheet (see doc above for the link).
      - Several services may have the same operation but the CLI does not let you specify the specific service (examples: device, ping, commands, etc.)
        - Option 1 - use a flag to specify a specific service
        - Option 2 - make the first positional param the service with second param the command (endpoint)
          - Example: metadata device list
          - Versus: device list
        - This issue to be solved for V1 (pick this up in a few weeks after vacations)

## New Business

### UI Direction

- [Roadmap deck \(draft\)](#)
- Decisions (for Ireland):
  - #1 priority - create a device UI “wizard” that allows adding a new device much quicker.
    - Takes a user through screens to create a new device, reference or create a device profile, add addressable, provide AutoEvent schedule, etc. and associate it to a device service
  - #2 priority - Add some data visualization to the UI
    - Need the ability to “click and see” the data
    - See the data in the core database
    - Perhaps peek at the messages coming from the core->app services bus
    - Integrate with something like Grafana for additional visualization
      - May require we export data to a time series database or use Redis time series database
  - #3 priority - SMA integration
    - offer metrics visualization of memory and CPU offered by SMA



(plus system management and UI)

- Get the status of the services (up / down)
- Provide ability to call on start/stop/restart of services
- Lower priority to see service configuration as this can be done via Consul
- Lower priorities to be pushed to later releases
  - Work remotely on a different host (through security)
  - Work with security elements
    - Through Kong
    - With security/TLS certificates
    - With user access controls (may not be user login, but how do we get the Kong cert, etc)
  - Deal with binary data
  - Address service configuration - specifically address changing writable configuration

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
  - Helm chart (hour zero); Operator (hour 1+) - helm chart not managing state
- Run (Jakarta or Kamakura): start addressing HA concerns in EdgeX
- No objections to list above
  - Try to have roadmap and some type of initial crawl implementation by Hanoi or shortly after
- Rancher participation? Andre trying to facilitate
- Possible new core group to work on it: Jim to setup and send out invitations