8/27/20

Attendees:

Others may have been in attendance after roll was captured.

Old Business

Current Status (Project board - as of 8/26)

- Backlog: 14 (same)
- In progress: 3 (+1)
- Done: 49 (+5)
- Bugs: 5 (+1)
- Under review: 1 (+1)
- New: 4 (-1)

<table>
<thead>
<tr>
<th>Closed Issues</th>
<th>Working Issues (new)</th>
</tr>
</thead>
<tbody>
<tr>
<td>edgex-go</td>
<td>2667-2669 (new Tags field), 2670 (implement GET event by id)</td>
</tr>
<tr>
<td></td>
<td>2614-2620 (module expl/removal)</td>
</tr>
<tr>
<td>contracts mod</td>
<td>270 (tag property), 272 (PUT for device admin/opstate)</td>
</tr>
<tr>
<td>bootstrap mod</td>
<td></td>
</tr>
<tr>
<td>go-mod-msg</td>
<td>56, 57 (MQTT CBOR issues)</td>
</tr>
</tbody>
</table>

- API V2
  - Next up Event query APIs
    - 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
EdgeX Foundry Core Working Group

(plus system management and UI)

- Continue handler/controller work
  - UUID add to event
    - Jim to start 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/1tHxomWv5C1bz7LHvrOcbSwRMSXnvBngWYhFUv5fk4JY/edit?ts=5f1efac4](https://docs.google.com/document/d/1tHxomWv5C1bz7LHvrOcbSwRMSXnvBngWYhFUv5fk4JY/edit?ts=5f1efac4)
    - Reviewed immediate needs in document above and outlined the desired work for Hanoi. 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)

No time in the meeting to address New Business.

New Business

**UI Direction**

- Roadmap deck (draft)
- Demo
- Purpose (future - proposed): a production level user interface to manage and monitor a single instance of EdgeX Foundry (secured or unsecured)
  - To manage and monitor from on or off box
  - To monitor the state of EdgeX (status of services, memory, CPU usage, etc.) and provide alerts when something is outside of normal operating parameters
- Coming (Hanoi)
  - Manage app services (add functions, see data temporarily, etc)
  - Manage Kuiper rules
  - Documentation
    - “Make sure it is usable with what we have in EdgeX today”
- Roadmap items (past Hanoi)
  - See deck

**Kubernetes Direction (release target is just a suggested goal)**
EdgeX Foundry Core Working Group

(plus system management and UI)

- Crawl (Hanoi or Ireland): Have an example deployment.yml and service.yml 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