7/16/2020

Attendees:

Others may have been in attendance after roll was captured.

Old Business

<table>
<thead>
<tr>
<th></th>
<th>Closed Issues</th>
<th>Working Issues (new)</th>
</tr>
</thead>
<tbody>
<tr>
<td>edgex-go</td>
<td>2602, 2591, 2621, 2624</td>
<td>2628, 2014-2020 (module exploration), 2596 (PR 2597 needs review), 1699, 2609, 2626</td>
</tr>
<tr>
<td>contracts mod</td>
<td>251</td>
<td>249</td>
</tr>
<tr>
<td>bootstrap mod</td>
<td>83</td>
<td></td>
</tr>
</tbody>
</table>

- 2597 fix: Invoke Validate function when adding yaml DeviceProfile needs quick review
  - Lenny/Tony to take a look
  - Reminder to hit people on Slack when response is needed
- Listen and Serve proper configuration variable instead of hard-coding "0.0.0.0"
- When to release SDKs/DS and such
- PR in edgex-go for Geneva branch to solve this; use the previous version of bootstrap just in the Snap
- For Hanoi - go-mod-bootstrap, use new config; already merged in
- DS’es / Go SDK - release new dot release; not needed for C SDK or C DS’es
  - Bug fix release 1.2.3
- No full dot release of EdgeX services for expedience on release
- API V2
  - Event handler / controller PR (#2610)
EdgeX Foundry Core Working Group

(plus system management and UI)

- [https://github.com/edgexfoundry/edgex-go/pull/2610](https://github.com/edgexfoundry/edgex-go/pull/2610)
- Use of common code from V1 (duplicating functionality in V2)
  - This has been worked by Cloud and team
- Do we need centralized database code like it is in V1
  - Yes - will be worked by Cloud & team
- Per last week, remove all Gets by ID
  - Done or being worked
- How do we differentiate between V1 & V2 events received from the message bus.
  - Address with info in the object (DTO object not model object) that indicates version of API
    - Event / Reading object gets a version property
    - All DTOS going forward have version property (lack of one means V1)
  - Metadata DTO / PR (#2627)
    - [https://github.com/edgexfoundry/edgex-go/pull/2627](https://github.com/edgexfoundry/edgex-go/pull/2627)
- Getting rid of Addressable; first steps
  - Is it used in other places (Scheduler/Notifications)?
  - What are we replacing it with?
    - Use fully qualified URI (could be just a base address)
    - Property: “baseAddress”
- From last week, DTO will use name, but swagger file and internal model use name and ID for applicable objects
- CommandAction: string set to either get or put or both; Cloud to provide proposal in PR
  - Generic issue - Swagger does not specify which fields are required and then update DTO
  - Created timestamp issue (issue #2602) - PR 2605 merged
    - Done
- Snap bug - on ListenAndServe #2611 - covered at the top of the meeting
  - 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)

New Business

- Logging removal Icebox
  - Create backward incompatibility issues
  - Decision to keep logging deprecated but not remove it yet.
  - All issues put in the icebox, labelled hold (thanks Lenny)
  - Need to revert back out of C SDK (lain)

CLI Direction

- Recommend moving out of holding
- Most of the bugs have been fixed (ones that provide required functionality)
EdgeX Foundry Core Working Group

*(plus system management and UI)*

- 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

**Decision**

- Question about which work group would own: core for now
- All on the call ok with allowing this to proceed for TSC vote (or to call Jim privately with objections)

**These last two items were not covered and will be picked up in future meetings.**

**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
  - 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