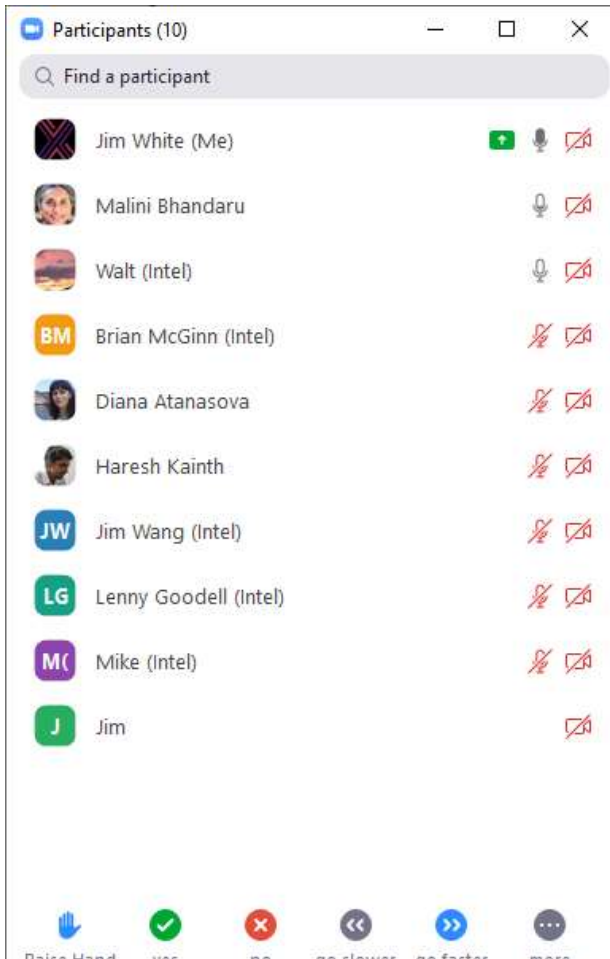




7/23/20

Attendees:



Others may have been in attendance after roll was captured.

Old Business

	Closed Issues	Working Issues (new)
edgex-go	2218, 1947, 1699	2014-2020 (module exploration), 2596 (PR 2597 needs review), 2609, 2626, 2630
contracts mod	254	249
bootstrap mod		85



(plus system management and UI)

- 2597 fix: Invoke Validate function when adding yaml DeviceProfile
 - Check to see if delete or update works to override the bad profile (Jim)
 - Still under review -thanks Lenny and Tony for comments
 - Bruce refactoring - convert YAML to JSON
 - Validation of profiles - something to look at for API V2 (Lenny issue)
- API V2
 - Event handler / controller PR (#2610)
 - <https://github.com/edgexfoundry/edgex-go/pull/2610>
 - Work continues; exchange between Lenny and Lindsey
 - See number of requests for Andre review (do I need to ping him?)
 - Jim to reach out
 - Metadata DTO / PR (#2627)
 - <https://github.com/edgexfoundry/edgex-go/pull/2627>
 - Now pending <https://github.com/edgexfoundry/go-mod-core-contracts/pull/253> which is betting worked; Lenny and Bruce
 - Search of code base did not find Addressable in anything but deviceservice.go, actiontype.go, constants.go, provisionwatcher.go
 - Cloud issues:
 - <https://github.com/edgexfoundry/edgex-go/pull/2627#issuecomment-659235656>
 - How to differentiate the validation logic between Add and Update DTOs
 - Add required on fields - to swagger contract/implementation
 - Rules for what is required is different for add vs update
 - Use map to update (vs DTO)
 - Still need to validate those fields in the map
 - Start outside thread to address this issue and find way forward (Jim to kick off)

New Business

- Startup configuration ignored (duration & Interval)
<https://github.com/edgexfoundry/go-mod-bootstrap/issues/85>
Impacts all services - covered under old business
- Need to Standardize Swagger path in repos (makes CI easier)
Edgex-go : api/openApi/
Device SDK: api/oas3.0/
App Func SDK: openApi/ (planned)
 - Decision: openApi/
 - Is it time to drop v1 RAML? - obsolete anyway (TSC)
 - Issue (drop of raml and new path standard in one) - Lenny

CLI Direction

- TSC agrees to move out of holding, but where: edgex-go or in its own repo?
 - Decisions to take to TSC:
 - Like app services, device services, UI, etc. - its a client -> so separate repo



(plus system management and UI)

- Could/would also have separate security concerns
- When does it “release”? How does it keep in sync with releases?
 - Core contracts requires it be kept in sync (most of the time)
 - Minor releases at will (like DS and AS and SDKs)
 - Major - keep with edgex-go (like DS and AS and SDKs)
- Libraries (cobra and viper ok for TSC approval. Pretty library - Diana and Malini looking to see if original (not fork) or alternate could be used. If so, swap out. If not, request temporary use.
- Import vetting (new modules below)
 - github.com/aron/consul-api v0.0.0-20180202201655-eb2c6b5be1b6
 - github.com/coreos/etcd v3.3.10+incompatible
 - github.com/coreos/go-etcd v2.0.0+incompatible
 - github.com/coreos/go-semver v0.2.0
 - github.com/cpuguy83/go-md2man v1.0.10
 - github.com/hashicorp/hcl v1.0.0
 - github.com/inconshreveable/mousetrap v1.0.0
 - github.com/magiconair/properties v1.8.0
 - github.com/niemeyer/pretty v0.0.0-20200227124842-a10e7caefd8e
 - github.com/russross/blackfriday v1.5.2
 - github.com/spf13/afero v1.1.2
 - github.com/spf13/cobra v0.0.5
 - github.com/spf13/jwalterweatherman v1.0.0
 - github.com/spf13/pflag v1.0.3
 - github.com/spf13/viper v1.3.2
 - github.com/ugorji/go/codec v0.0.0-20181204163529-d75b2dcb6bc8
 - github.com/xordataexchange/crypt v0.0.3-0.20170626215501-b2862e3d0a77
 - gopkg.in/yaml.v2 v2.2.2 (earlier version - not v2.2.8)
- Roadmap review and review
 - Address Tony’s email questions and issues.
 - To be covered off line in Google Doc and Slack channel - Jim to set up

No time to address these in this meeting. Deferring to next meeting

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
 - Documentation



(plus system management and UI)

- 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