













































## Core Working Group Meeting Notes (6-Jun-2019)

Attendees:

Participants (15)

	Trevor Conn (me)		
	Akram Ahmad (Dell)		
	Alexandre Courouble		
	Anthony Bonafide		
	Brandon Forster		
	Danube		
	Emad Attia (Intel)		
	ijohnson		
	Jim Wang		
	Jim White		
	Lenny Goodell (Intel)		
	Michael Estrin		
	Mike (Intel)		
	Rebekah		
	Toby Mosby (Intel)		

## Old Business

- CapEx (Keith brought this up on TSC call 22-May)
  - I was unclear of the items to which this might apply
  - *Tooling expenses, outside resources / services*
    - *Prep for Stage 3 project in LF*
    - *Deadline TBD (end of June)*
  - *Translation services*
    - *Good idea but keeping it updated may not be sustainable*
    - *Malini's feedback was that English docs weren't hard to consume but that content was outdated.*
  - *Michael Hall*
  - *Slack ??*
  - *Other tools for code quality and testing are being allocated by those specific working groups...?*
  - *Remove this, got it covered.*
- *Fuji deliverables*
  - *Go 1.12 in Dockerfiles*
    - <https://github.com/edgexfoundry/edgex-go/issues/1401>
    - *Issue for Snap?*
      - *Snap will piggyback on the above issue.*
  - *Value descriptor creation only in core*
    - <https://github.com/edgexfoundry/edgex-go/issues/1071>
    - *On Dell's plate*
  - *Event/Reading timestamps in nanoseconds*
    - *No work necessary in core-contracts*
    - <https://github.com/edgexfoundry/edgex-go/issues/1404>
    - *On Dell's plate*
    - *Question RE: change in fidelity and how this is used from the UI*
      - *Does this entail a minor version rev? I get we're planning to do that anyway for Fuji (at least)*
      - *REST request backward compatibility – How is the UI providing the value? If in milliseconds, comparison with nanoseconds will differ. Does the service need to pad it?*
      - *Or versioned API?*
        - *Events are also being returned to the caller as nanoseconds. How does this affect the caller's interpretation of that data?*
      - *Reach out to the UI team for input on this scenario (Trevor)*
      - *Decided we'll be dealing with this for Fuji – but we need a "freeze exception" process for late changes (Tony)*
  - *Device provisioning support*
    - *Requirements definition owned by Device Service group. Will be a regular agenda item in that meeting*

- Tony provided email brain dump of legacy implementation in the Java services.
  - Right now, being tracked from the Core side via issue #826 but we may replace that with new issues (and possibly a project board) once requirements become more clear.
- Move API documentation from RAML to Swagger
  - IOTech QA/Test team has agreed to take this on. *Removing from Core list.*
- Rules Engine
  - Check in with Lenny RE: Hashicorp plugins
  - *Provided examples are simple, actual usage a bit more complicated*
  - *Working on a possible usage pattern for presentation next week.*
  - *Choice of RPC / GRPC*
- Unit testing
  - *I have the refactoring done for AddNewDevice to support my idea of increased test coverage, but I do not have the actual tests fully written yet.*

## New Business

- Was there any discussion on TSC call yesterday RE: LTS for Edinburgh?
  - *No, but it doesn't sound like the view has changed that this should not be LTS*
  - *Still thinking Fuji earliest candidate for LTS*
- Folding security services into edgex-go
  - Sounds like this is approved and we will be doing this
    - Understand that there will be work to take the existing services and refactor them to meet the internal patterns within edgex-go
      - Discussed possibility of improper route formats, do we fix as part of the move or not?
      - *TBD this as we get into analysis*
    - DevOps
      - Will cause the edgex-go build pipeline to take longer
      - Will affect unit test numbers
      - Legacy repos/verify/merge jobs no longer needed (on master)
      - What is the timing?
        - Security services have been branched for Edinburgh
        - How does this affect our versioning
        - If Edinburgh is LTS, how does this affect security services?
      - *Images for security services will be published with same name, different version from edgex-go*
    - Security-client
      - <https://github.com/edgexfoundry-holding/go-mod-core-security>
      - If we're bringing the security services into the edgex-go repo, then should this module actually be part of go-mod-core-contracts?
        - Could easily go here

- <https://github.com/edgexfoundry/go-mod-core-contracts/tree/master/clients>
- *Actually, what I'm hearing is that security is a separate concern like registry or messaging – so it should be akin to go-mod-security*
- *If there's a security service that proxies Vault and gets moved into edgex-go, then I'm fine calling it go-mod-core-security*
- *Need to follow up with a Security Working Group agenda item to unpack this so we can name and organize accordingly.*
- *Application services (Lenny)*
  - *New services coming – do they each need to have their own repo or should it be in a app-services mono repo?*
  - *Mono repo can't be versioned each service independently.*