# Core Working Group Agenda 2/15/2018 meeting

Attended by: Jim & Trevor (Dell), Andy & Keith (IoTech), Riaz (RSA), Tony (Canonical), Fede & Gorka (Cavium), Greg Zuro (Sixgill) – others may have been in attendance later in the meeting after the list of attendees were captured.

Discussion and action items as a result of meeting in RED.

# Old Business

## DevOps issues/updates

- Automation of black box tests is priority 1
    - Not sending emails yet but ready to go.
- Go/Arm build work underway is priority 2
    - Daily jobs to push to Nexus/Docker Hub/etc. being worked
- Next up – Native Arm build and deploy, test (on Cavium boxes).

## California Preview

- Issue: export from core data to export distro not working – work is in master, should be working now per Fede
- **Action**: Jim to test

## Current Work Tasks

Remaining work items now in Github Projects/issues and listed below. No meeting time to discuss unless there are significant updates

### California Release Work Tasks

- Security & System Management – per WG task list (Jun – collective but Jim leading)
- Integration of System Management APIs into micro services (Jun – Dell)
- Core, Supporting, Application services in Go (Dell, Cavium, Mainflux, others?)
- DS SDK in Go (mid Feb, Tony)
- DS SDK in C (April, IoTech)
- ? number of DS in G and/or C (???)
- Blackbox tests for all services (and SDK??) (End of May, IoTech)
    - Opportunity for other companies to make contributions – good area for new groups to participate.
    - **Jim Action** – poke participating/community companies for help
- Performance tests (and meeting performance targets) (IoTech)
- Everything runs and is tested on ARM (Jeremy/IoTech)
- Environment – what target environment to do the tests (lab equipment, tools, software, cloud product availability).
- Documentation to Github – (Iotech)

### Face-to-Face Action Items

- Go Lang Core/Export Services connected to Consul, config files in seed (Jim/Fede/Drasko, May 1st)

- o We load every property for all images (local or Docker) you get every config element – now and issue
- Cross compiling for all Go Lang artifacts to include Go Core Data, Metadata, Command, Export client, Export distro, and config seed use (Jeremy, Jan 31$^{st}$)
  - o Part of what is in the PR for review
  - o Only for Arm 64 for now per F2F
- Arm native environment (Fede, Gorka, Jeremy, End of April)
- Blackbox testing on Arm native environment (Andy F, Jeremy, End of May)
- Wiki page on EdgeX on OS'es – attestation of testing page (TBD, End of May??)
- Performance target tests – the Pi Tests (TBD, End of May??)
- Setup "Sithub" (Jeremy, first week in Feb)
- Samsung Code moved to Sithub (MJ, 2$^{nd}$ week in Feb)
- Samsung Code reviewed and processed (TBD, TBD)
- Naming, availability, startup/cleanup service architecture draft (Jim W, 3$^{rd}$ week in Feb)
- Device Service requirements doc (Tony, mid Feb) - working
- Go Code reorg/mono repo (Cavium and Mainflux, TBD) – working

## Vertical Solutions Group Requirements review
- Per 2/8 Meeting – suggestion by Keith to have Core WG triage/review the list
- What seems appropriate/fit/doable/etc.
- Jim to organize this for next meeting

# New Business
## Documentation Review
- Andy Foster (IoTech) to lead the discussion – look for associated slide deck on the WG page.
  - o A little more cleanup needs to be done
  - o Right now, everything is in one repo (not official EdgeX repo – but IoTech repo)
  - o Want to get it all building in IoTech infrastructure – not quite done
  - o Once done, then we have discussions about pushing it into EdgeX repo
  - o Structured files and API docs in repo and under config management
  - o Focus was on technical docs and APIs (no contributors guide)
    - From Mirco services section to Definitions (non-inclusive) in Wiki is what are being worked.
    - We'll need to get a list of changes for Andy to make final comparison
  - o Rules around review/committer need to be setup for PRs
  - o On Wiki – once we make the switch, there will be links to Github, create a mirror page with link
  - o **How far out from switch over day – targets**
    - **Clean up til March 1**
    - **Review on IoTech target Mar 1 – 30**
    - **Work with Brett to track applicable changes in Wiki during the review period**
    - **Hold a pre-day meeting just before the cut over**
    - **Target early April cut over**

## Other open items?

- Andy – broken links in the Wiki.  Fix or send to Jim.
- Tony - Where should RAML live?  Maybe we need API repo.  Maybe APIs live in repo of code source (Java or Go – whatever the ref impl is).  Architecture/technical item for future discussion.