Core Working Group Agenda Thursday 14th September

Attended by TSC chair, WG chairs of Applications, Device Services/SDK, Core/Support, Test/QA working groups, LF’s Jeremy Phelps, and several EdgeX members.

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

Old Business

Keith (IOTech, TSC chair) discussed the plan to target the end of this month for the Barcelona release code freeze. Release announcement will still be made to coincide with the IoT Solutions World Congress event, but the actual release will happen once the release process has been complete.

Action: WG chairs to confirm the functionality that they intend to commit to delivering by the end of September.

Device Services / SDK Update

Tony (Canonical) asked for more information about the plans for the proposed C SDK.

Action: IOTech to setup a call to discuss their plans.

Applications Update

Janko (Mainflux) stated that they plan to have their code ready by the end of the month. Also raised the Device Id issue for Export. Two design choices are being discussed with Jim (Dell). Will also post the issue on Rocket.Chat for comment/input.

PM Tool

* GitHub Projects security issue
	+ Decision taken to stay with existing GitHub Project until after Barcelona release and then review options

Build/CI/DevOps

* Jeremy Phelps from the Linux Foundation has agreed to chair the DevOps WG going forward
* Docker container build update
	+ Docker builds are in place and the verify jobs are being triggered and checked correctly
	+ Tyler (Dell) is working with the LF to resolve where to target pushing the Docker images, but should have that resolved this week +  Docker merge jobs updating Docker images upon PR merges in the LF EdgeX Nexus3 Docker Registry.
* Coding guidelines:
	+ Andy (IOTech) has added Coding Guidelines page to contributors section of website, see <https://wiki.edgexfoundry.org/pages/viewpage.action?pageId=4587972>

Test/QA

* Progress on Blackbox/integration testing
	+ Andy (IOTech) will setup meeting with LF to start discussions on how to integrate this work into the EdgeX build system

Barcelona Demos

* Seeking any new news or needs for Oct 3-5 meeting on demos

Go Services

* Reminder of meeting on Sept 15th.

Barcelona Face-to-face Meeting

* Discussion on proposed agenda [https://wiki.edgexfoundry.org/display/FA/5+October+2017%3A+IOT+Solutions+World+Congress+Barcelona](https://wiki.edgexfoundry.org/display/FA/5%2BOctober%2B2017%3A%2BIOT%2BSolutions%2BWorld%2BCongress%2BBarcelona) and any suggested changes

Chair Position Elections/Extensions

* EdgeX board has agreed to TSC proposal to extend all current chair positions until end of January 2018

Release Cuts Discussion

* At last meeting we agreed an action for participants in the of the Core WG meeting to think about what is needed for the EdgeX release process and to prepare a list of release task items/what “release” means for discussion at this meeting.
* It was also suggested to review existing LF project such as ODL and ONLP where their release processes are more mature and defined.
* Discussion items include:
	+ Clarification, this is for major releases like Barcelona, California
	+ What does the physical release look like; for example, is the release going to be set of tagged repos and released Dockerized services, or is there additional stuff, like docker-compose file
	+ Tags – version of meta service level; so do we need a Barcelona tag across all services?
	+ Do we need code freezes at a certain date?
	+ Do we need, and what should release notes contain?
	+ Do we need final QA pass/verification and what does that look like?
	+ Jeremy (LF) – everything needs to be delineated; otherwise your release date gets moved.  ODL is more mature.  LF has release person that has more expertise in this process.
	+ Any tools we can leverage or is just process - yes some automation; like signing release

Open discussion on what the team thought were key items that need to be considered/included in the EdgeX release process. Consensus was that initial list covers a lot of what is needed.

Tony mentioned the need to define/agree the actual versioning number(s) for the Barcelona release. Andy mentioned that we should take a look at the LF ONAP project as it has adopted something similar to what we are planning to do, see [https://wiki.onap.org/display/DW/Release+Versioning+Strategy](https://wiki.onap.org/display/DW/Release%2BVersioning%2BStrategy)

Andy (IOTech) asked the question about the granularity of release notes, per microservice or consolidated. Consensus was that consolidated was needed.

Action: Andy (IOTech), Jim (Dell) to work with Jeremy (LF) to create/document a straw man release process proposal that can be presented and reviewed by the WG.

Tony (Canonical) asked about best practices for creating change logs.

Action: Andy (IOTech), Jim (Dell) to Jeremy (LF) will consider Tony’s point as part of the release process definition.

New Business

* None.