



EDGE X FOUNDRY™









































DevOps Working Group

Thursday July 16, 2020

Agenda

Time	Topic	Owner
10 Min	DevOps Updates (Hanoi)	Ernesto
5 Min	Discuss introducing new Ubuntu based build node for x86_64 builds	Ernesto
15 Min	Prune GitHub tags demo	Emilio
5 Min	Kanban Board Review	All
5 Min	AOB / Opens	All

Attendees

	Ernesto Ojeda (Intel) (me)			
	Jim White			
	Walt (Intel)			
	Lisa Rashidi-Ranjbar			
	Bill Mahoney (Intel)			
	Colin Hutchinson			
	Emilio Reyes (Intel)			
	Eric Ball			
	James Gregg (Intel)			
	Lenny Goodell (Intel)			



DevOps WG Update (Hanoi)

- **Geneva Snap Mini Release**
 - Effort underway to release edgex-go snap to geneva/edge channel. Then promote to latest/stable with legacy snap release job
- **ADR 0010 - Release Artifacts**
 - Discussion to finalize:
 - <https://github.com/edgexfoundry/edgex-docs/pull/165>
- **Pipeline Enhancements**
 - Prune-Github-Tags: <https://github.com/edgexfoundry/cd-management/tree/prune-github-tags>
 - Clean old -dev tags across EdgeX GitHub repos [#49](#)
 - edgex-global-pipelines new features:
 - Blue/Green deployment of DevOps services – Complete/Merged. [#203](#)
 - edgex-go new Jenkins pipeline: New code under development [#207](#)
 - Audit DockerHub Images – Will present findings in a future WG meeting
 - Snap Builds failing due to expired credentials and other snapcraft changes
 - Snap builder image updated...ongoing updates(weekly) requested. [#141](#)
 - Ticket open for LF to renew credentials and store in Jenkins. Complete. [IT-20176](#)
 - Multi-Arch docker images added to the backlog (app-service-configurable will be guinea pig) [#618](#)
- **DevSecOps**
 - Vetting of OSS dependencies
 - PDR on hold pending changes from Jim, Lenny, James, Tony <https://wiki.edgexfoundry.org/pages/viewpage.action?pageId=46760301>
 - Jim found 4 troublesome dependencies (maybe transitive) trying to find source where they are being pulled in
 - Issues will be created with working groups to fix the 4 dependencies
 - James will set it up a meeting with interested parties to finalize the manual process for developers to follow. Process will be documented on the Wiki. Once the process is more established, we can look to automation in the future.

DevOps WG Update (Hanoi)

- **Other**

- Code Signing - lftools /sigul replacement
- LFTools / Sigul latest version that supports Python 3.x
 - LF is now considering an alternative signing tool - clarified that this is a future roadmap item - uncommitted
 - LF encountered some of the challenges within their fork trying to refactor sigul to support the latest Python 3.x – **WIP**
- LF Infra Cost analysis
 - LF working on new global pipeline library to enable log shipping and cost analysis per build. Eric Ball to find out where cost data is pushed.
 - Once cost data source is identified, maybe work with the Project Insights (Community Bridge) team to feed cost data into Project Insights?

Meeting Minutes

Notes WW29

- We should have decision about ADR10 after Jim speaks with Tony.
- Cost data for each individual build is stored in an internal LF database. Ticket required to export data out for cost analysis
- Downtime required to fix Jenkins HIGH severity CVE's. Scheduled for 7/16/20 5pm PST