EDGEXFOUNDRY™

DevOps Working Group

Thursday October 7, 2021
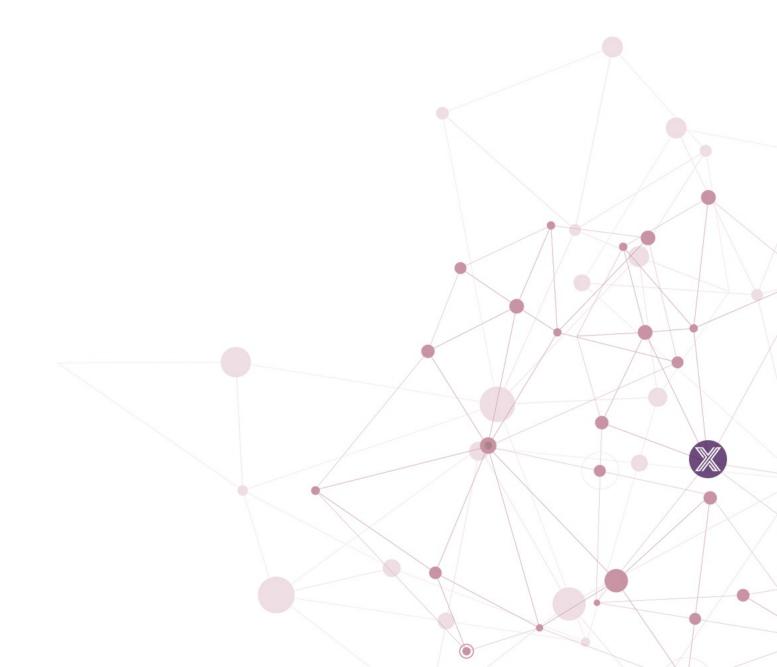
Agenda

Time	Topic	Owner
5 Min	DevOps Updates (Jakarta)	Ernesto
10 Min	EdgeX Badging Program Changes	Jim/Ernesto
5 Min	AOB / Opens	All

Attendees

DevOps WG Update (Jakarta)

Pipeline Related

- [Complete] Spike: LTS artifact rebuild planning.
  - Potential pipeline/release changes required to accommodate rebuilding of artifacts.
- Go 1.17 released - [Release Notes](#)
- [In Progress] Implement pipeline changes for LTS
- [In Progress] Implement changes to Go repositories for LTS
- [In Progress] Many pipeline failures due to timeout issues. Have opened a ticket with the LF: https://jira.linuxfoundation.org/plugins/servlet/theme/portal/2/IT-23017
- [Resolved] Build Executors stacking up: https://jira.linuxfoundation.org/plugins/servlet/theme/portal/2/IT-23027
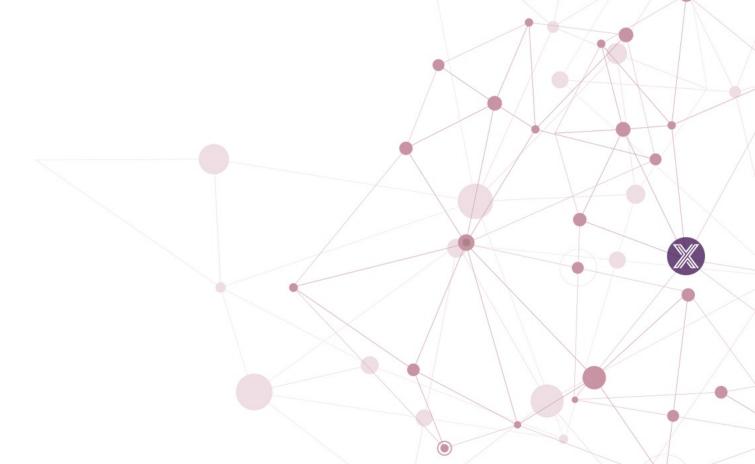
Other

- [Hold] Spike Developer Badge Program
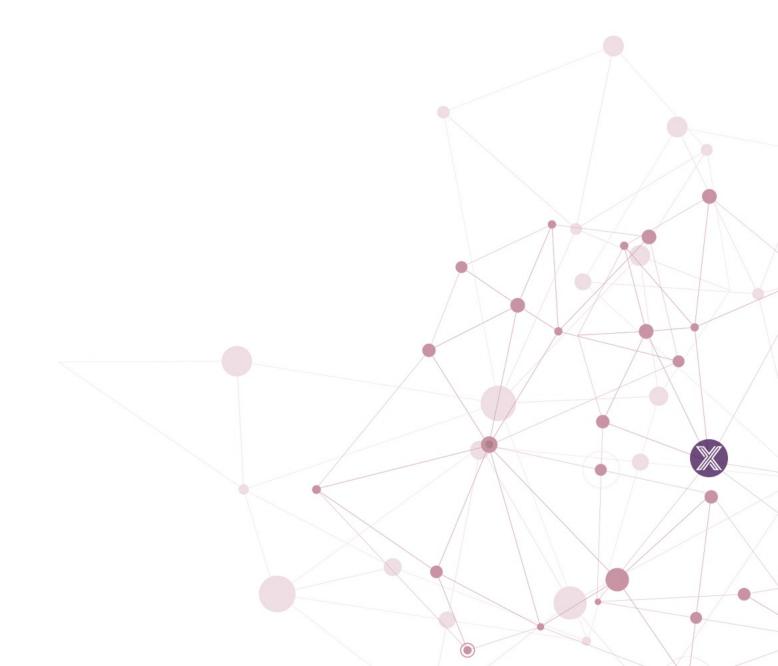 - Finalizing details of Credly implementation

EdgeX Badging Program Changes

- Job will email recipient of badge and Export CSV of all winners. CSV file will be uploaded manually for now by Jim on a weekly basis.

Notes

Jakarta Scope

Release:

- ~~Spike: LTS research how to do with current release process, branching strategy, what components are LTS, etc~~
    - ~~Result of this spike should turn into an implementation story for the Jakarta release~~
- ~~Spike: LTS research vendored dependencies (Go and C) to allow rebuild of artifacts in case of dependency unavailability~~
    - ~~Research the use of Nexus GO_PROXY~~
    - ~~Result of this spike should turn into an implementation story for the Jakarta release~~
- Stretch
- Spike: semantic-release research Docker Hub plugin (Rebuild in nexus and push to Docker Hub)
- Spike: semantic-release research GitHub Release plugin (for everything)
- Spike: semantic-release research Custom plugins (for edgex-compose)
- Spike: semantic-release research best way to automate release (centralized vs decentralized)
- Spike: semantic-release misc plugin research
- Spike: semantic-release Small POC cut-over sample-service to use semantic-release

Tech Debt:

- ~~Figure out if it is possible to remove Dockerfile.build~~
- ~~Figure out how if it is possible to commit go.sum back with Go 1.16~~
- Documentation of edgex-global-pipelines
- Upgrade all DevOps Python scripts to Python 3.9
- Ongoing: Address any build images that need to be updated over time.
    - Golang
    - Gradle
    - etc.
- Go 1.17 upgrade (hold for Kamakura)

Other:

- Developer Badging