DevOps Working Group

Thursday September 30, 2021

Agenda

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

Attendees

DevOps WG Update (Jakarta)

Pipeline Related

- [In Progress] Spike: LTS artifact rebuild planning.
  - Potential pipeline/release changes required to accommodate rebuilding of artifacts.

Other

- [Hold] Spike Developer Badge Program
- [Complete] Master --> Main branch rename
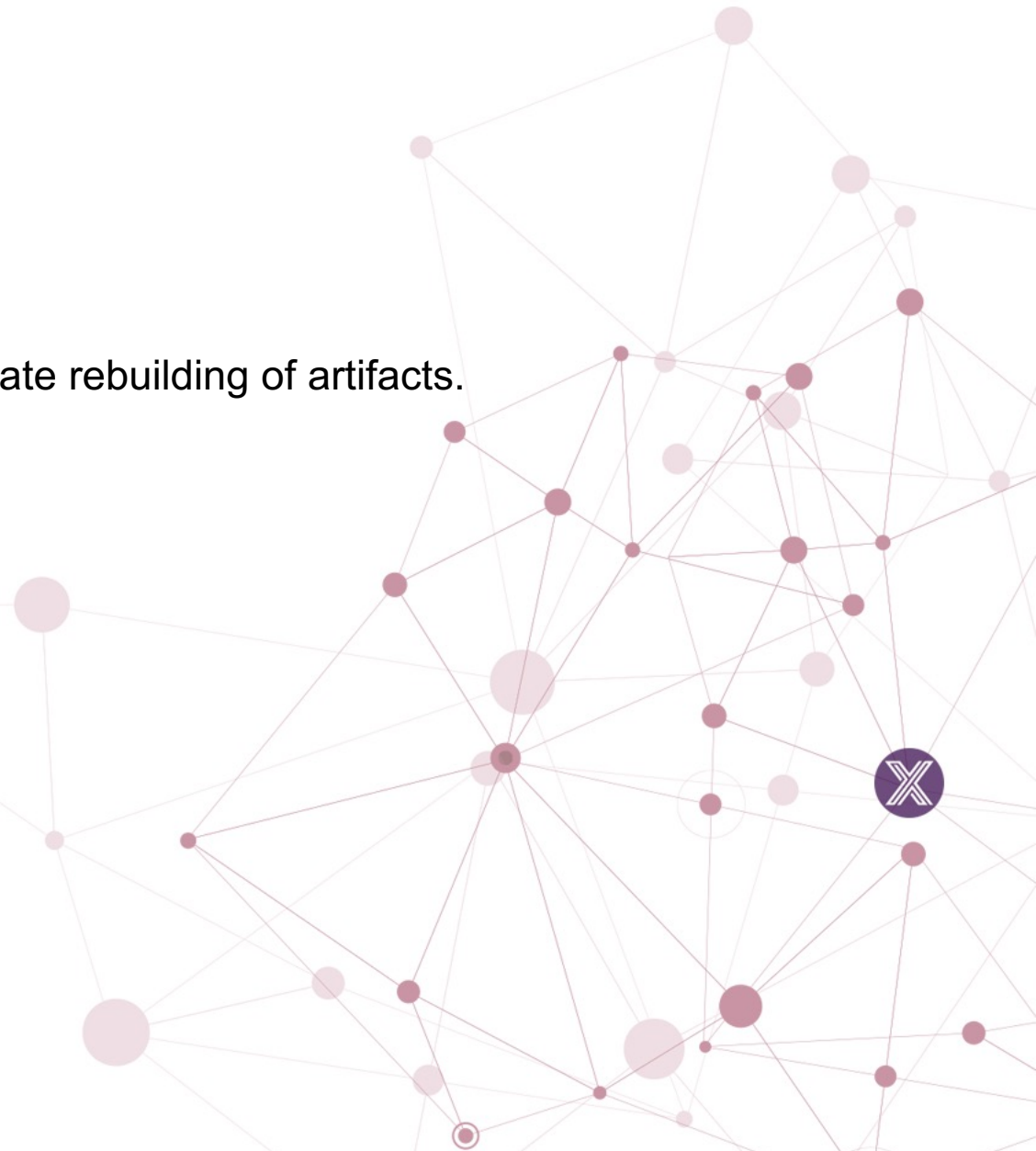
EdgeX Badging Program Changes

- Email with linked badge image not sufficient.

- More credibility/usability through existing badging services
  - Badgr https://badgr.org/app-developers/api-guide/#issuer-api May be easier to integrate with
  - Credly https://www.credly.com/docs/web_service_api LF managed, might be harder to work with

LTS Changes

Pipeline changes outlined here:

https://github.com/ernestojeda/edgex-global-pipelines/blob/jakarta-lts-changes/Jakarta-LTS.md
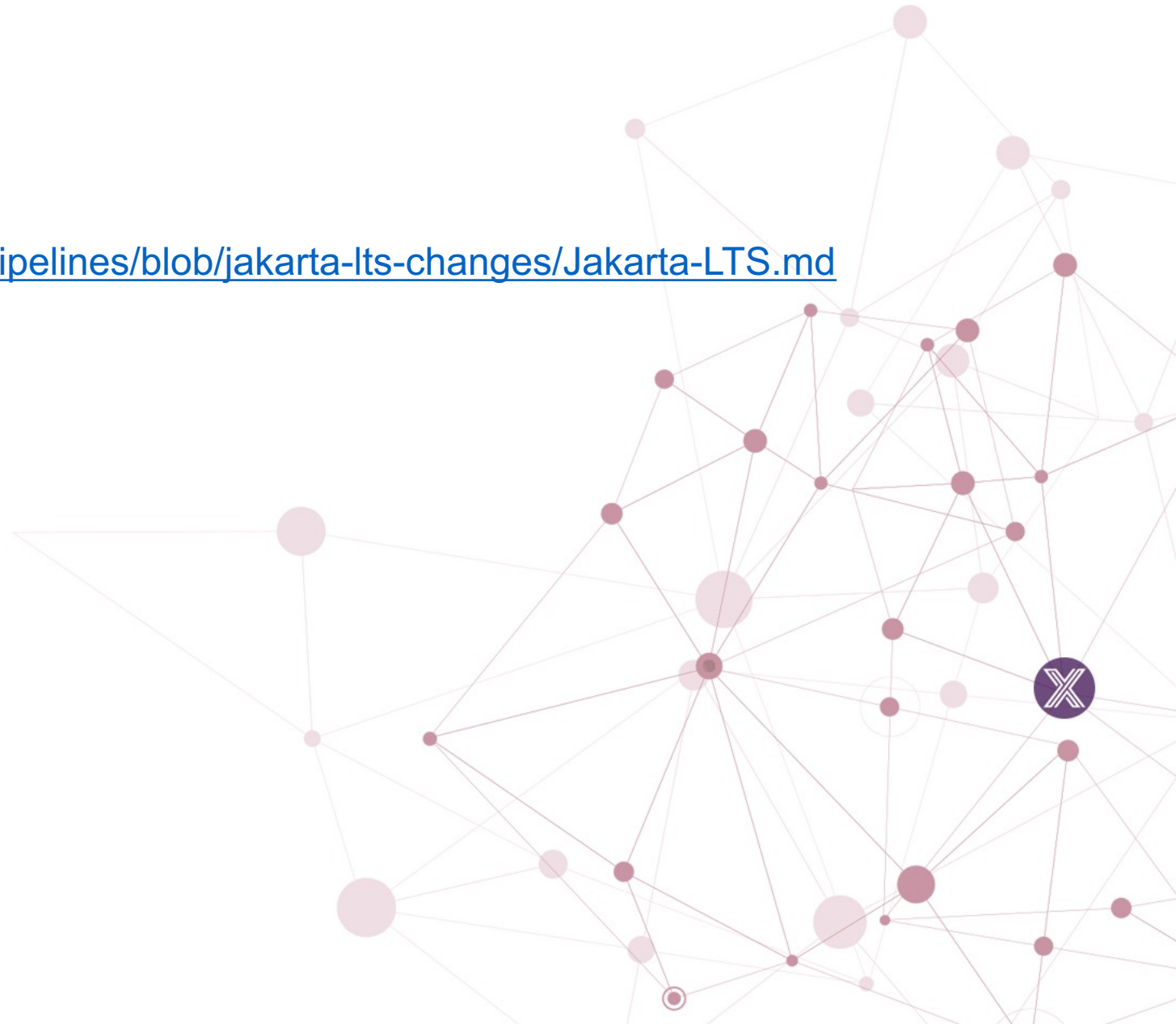
Notes

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 (when applicable)

Other:

- Developer Badging