



EDGE X FOUNDRY™

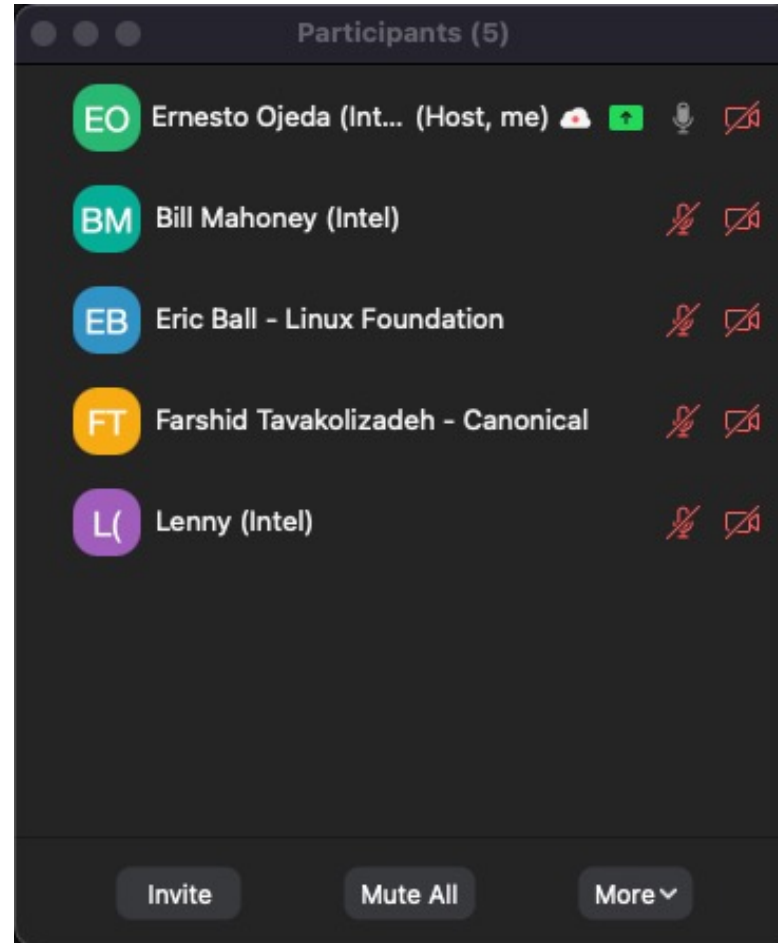
DevOps Working Group

Thursday December 16, 2021

Agenda

Time	Topic	Owner
5 Min	DevOps Updates	Ernesto
10 Min	Issue #3777 on edgex-go; branch is out-of-date with the base branch	All
5 Min	Issue #226 - v2.1.0 not reachable from the main branch	Ernesto
5 Min	AOB / Opens	All

Attendees



Participants (5)

EO	Ernesto Ojeda (Int... (Host, me)				
BM	Bill Mahoney (Intel)				
EB	Eric Ball - Linux Foundation				
FT	Farshid Tavakolizadeh - Canonical				
L(Lenny (Intel)				

Invite Mute All More ▾



DevOps WG Update

Pipeline Related

- [Backlog] [#371](#) Go 1.17 released - [Release Notes](#) - On hold until 2022
- [In Progress] [#370](#) Spike: multi-arch builds with buildx (spin up less nodes, speed up builds)
- [Backlog] [#59](#) Spike: rewrite git-semver in python
- [Backlog] Linux Foundation will be working on Ubuntu 20 based build agents for use in the pipelines
 - LF will also be migrating to next CentOS “stream” a due to EOL of current stream and will look at potential CentOS replacement with Rocky Linux

Other

- ...

Misc Topics

- Issue [#3777](#) on edgex-go; branch is out-of-date with the base branch
- Issue [#226](#) - v2.1.0 not reachable from the main branch
 - Consistent semver between Jenkins pipeline and Snaps

edgex-compose/edgex-docs Automation

- Existing edgex-compose automation
 - <https://github.com/edgexfoundry/cd-management/tree/edgex-compose-builder>
- New edgex-compose automation for LTS releases:
 - Archive 3rd party docker images to nexus
 - <https://github.com/edgexfoundry/edgex-compose/pull/206>
- Potential automation of releasing edgex-docs?
 - Need clarification.

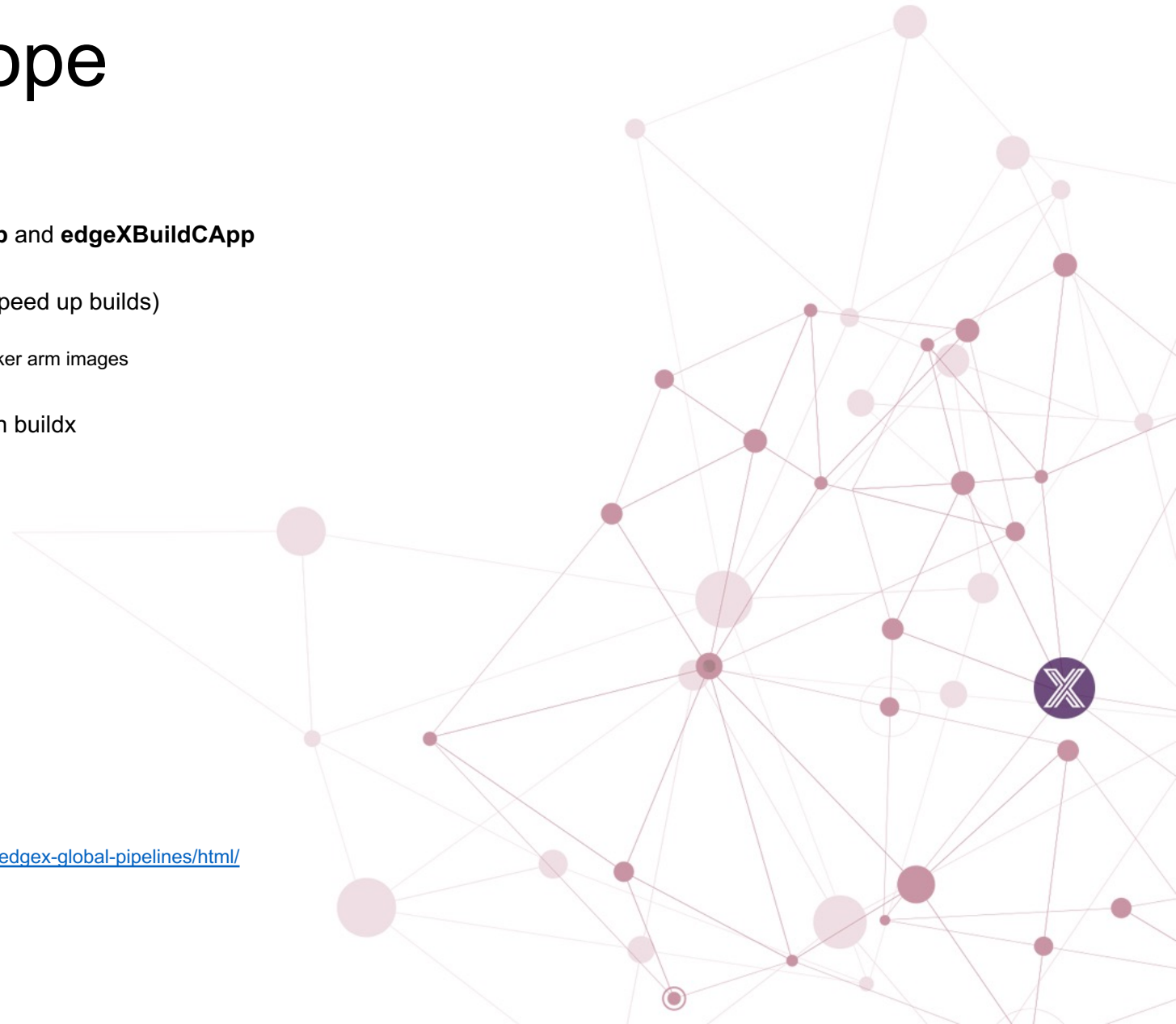
DevOps Kamakura Scope

Pipeline Optimizations:

- Tech Debt: Fix multiple nodes being spun up during **edgeXBuildGoApp** and **edgeXBuildCApp**
 - T-shirt size: small
- Spike: docker image multi-arch builds with buildx (spin up less nodes, speed up builds)
 - T-shirt size: small for the research; implementation TBD (see below)
 - Use of Docker **buildx** so we wouldn't need to spin up ARM image to build docker arm images
 - Explored in the past; revisit approach (separate images)
- Implementation: depending on spike docker image multi-arch builds with buildx
- Spike: rewrite git-semver in python
 - T-shirt-medium size (impl TBD)
- Implementation: depending on spike, rewrite git-semver in python
- Ice box on semantic-release work for now
- EdgeX Badging Program Full Credly Automation (Stretch)
- README Broken link detection pipeline (Stretch)
- Assist in go lang linting/scanning
 - See security scope

Documentation:

- T-shirt size: medium
- Continued documentation updates (DevOps online docs)
- Find it through README of DevOps repository, <https://edgexfoundry.github.io/edgex-global-pipelines/html/>



Notes

