



EDGE X FOUNDRY™

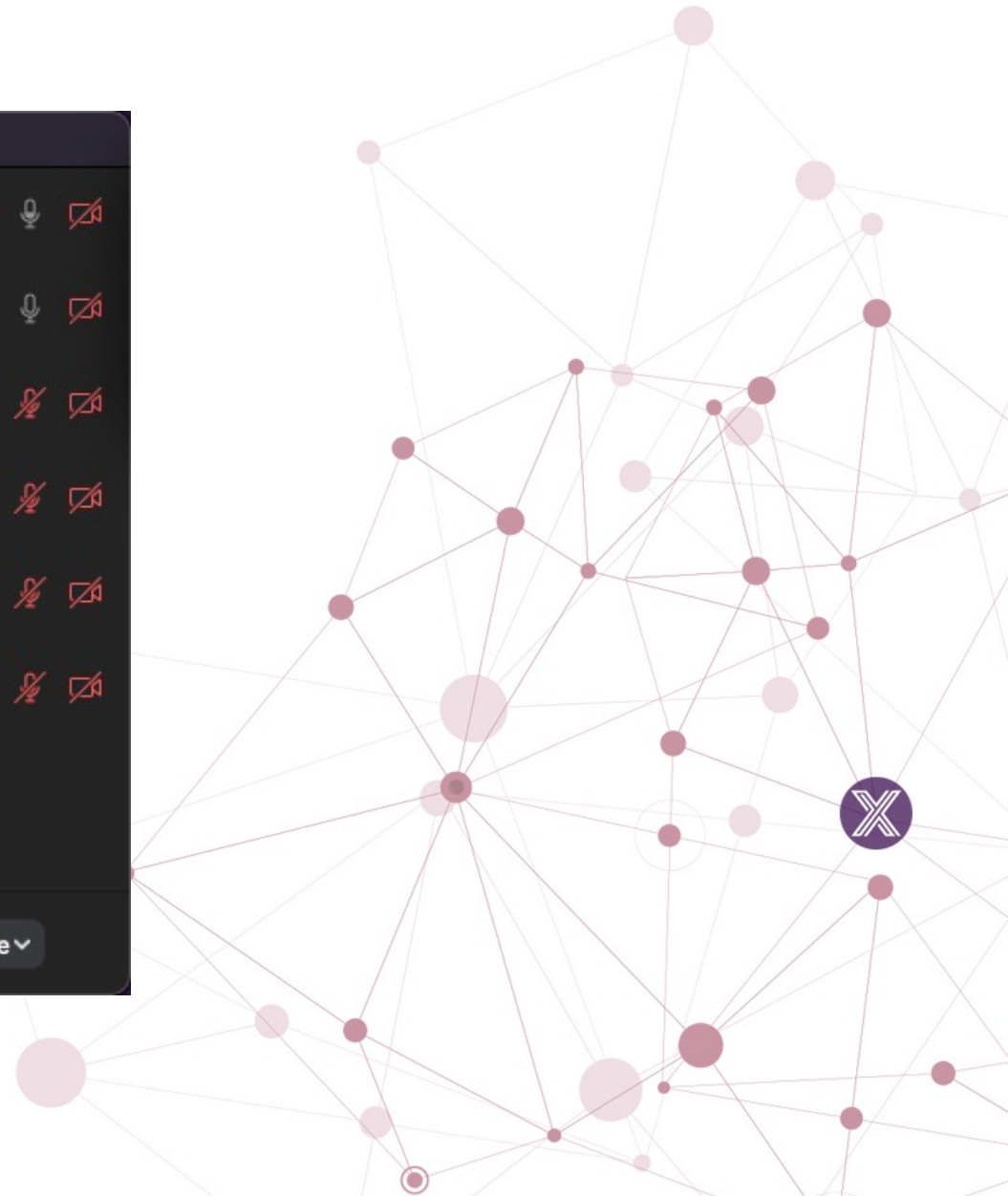
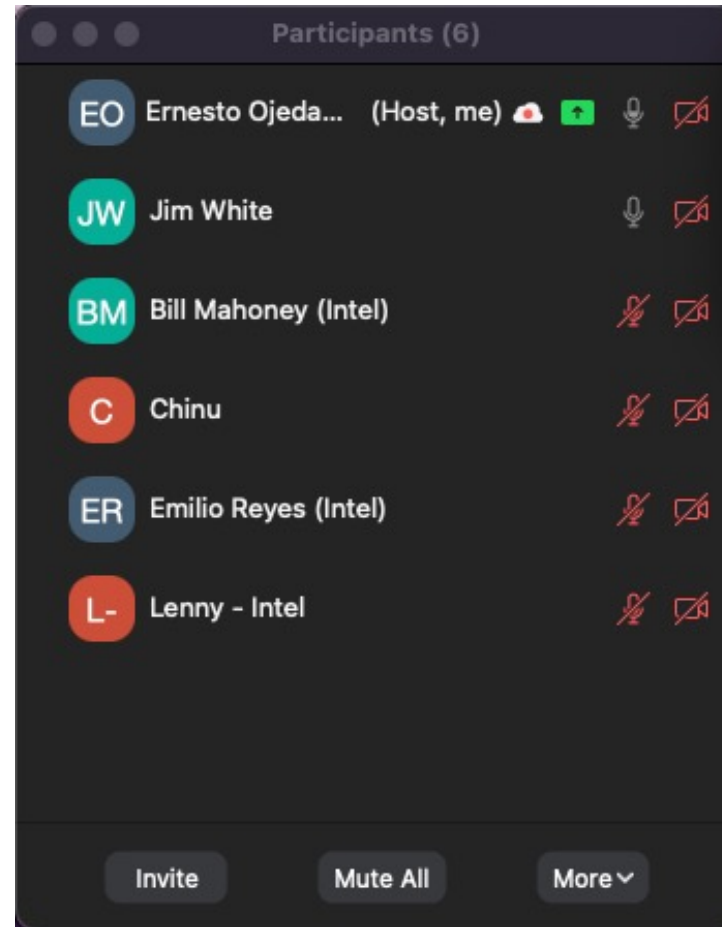
# DevOps Working Group

Thursday February 17, 2022

# Agenda

Time	Topic	Owner
5 Min	DevOps Updates	Ernesto
20 Min	Git-semver Python Re-write	Emilio
5 Min	AOB / Opens	Ernesto

# Attendees



# DevOps WG Update

## Pipeline Related

- [Complete] [#59](#) Spike: rewrite git-semver in python
- [Complete] Update edgex-gcc-base image to use alpine 3.15
- [In Progress] 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
- [Backlog] edgex-docs release automation
- [Backlog] Setup bi-weekly builds for less active repos for Snyk vulns
- [Backlog] README Broken link detection pipeline

## Other

- n/a



# 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/>

