



EDGE X FOUNDRY™

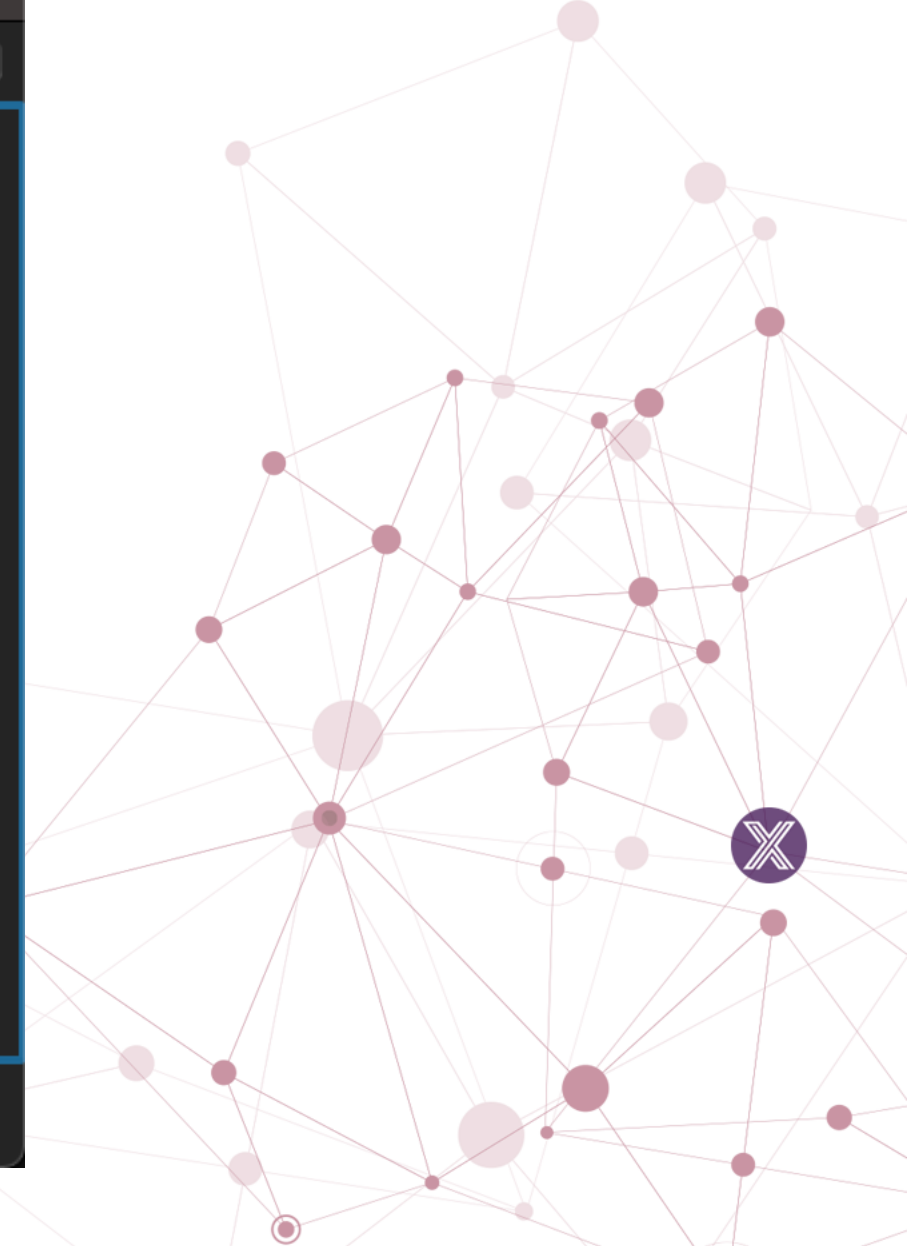
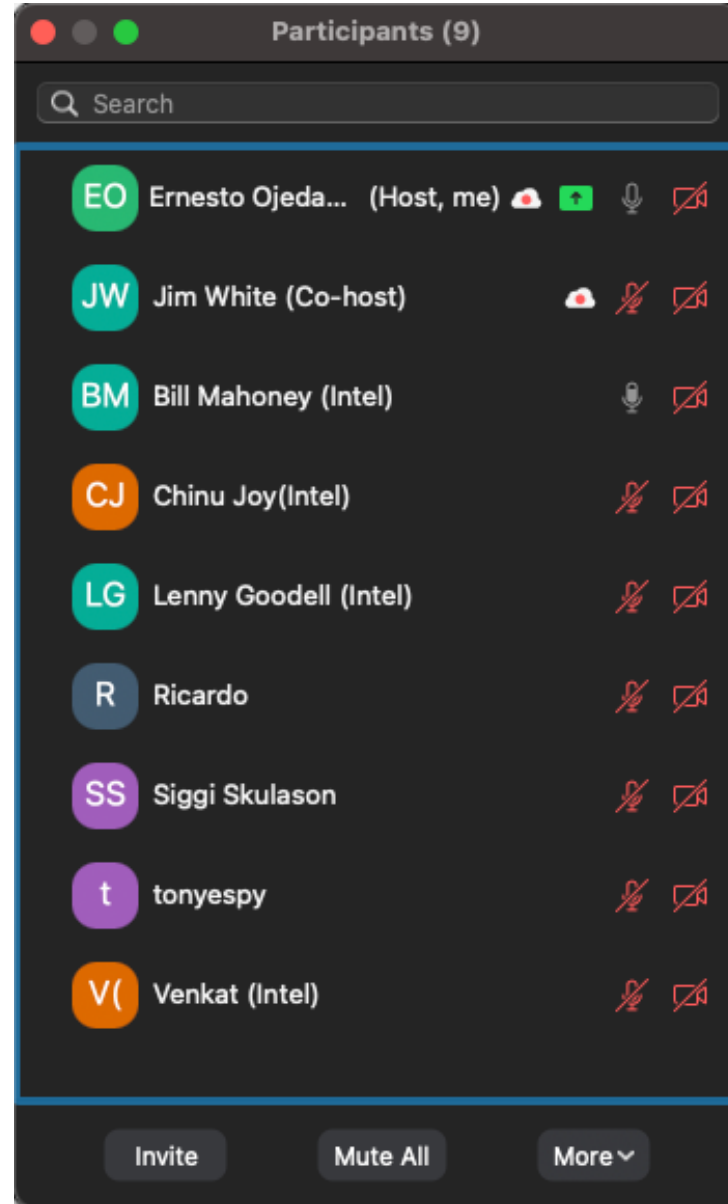
# DevOps Working Group

Thursday April 15, 2021

# Agenda

Time	Topic	Owner
5 Min	DevOps Updates (Ireland)	Ernesto
10 Min	Edgex-compose release automation	Ernesto/Lenny
5 Min	DevOps Ireland Scope	Ernesto
5 Min	AOB / Opens	All

# Attendees



# DevOps WG Update (Ireland)

## Pipeline Enhancements

- [#102](#) [Hold] Docker image renaming. On hold until 30 days before Ireland release

## Other

- [#51](#) [Complete] Spike: Semantic versioning git-semver replacement
- [#138](#) [Complete] Update Docker CIS benchmark report to use edgex-compose
- [#327](#) [In Progress] Automated CHANGELOG creation
- [#106](#) [In Progress] Repo Badges
- Sigul replacement...maybe an updated version exists?
- Developer Badge Program:
  - Automated emails when developers have their first commit merged
  - Email badge that can be put on LinkedIn
  - Only send email on first merge

# edgex-compose Release Automation

## Notes:

- Great write up of the steps needed when when performing a next release of the compose file here: <https://github.com/edgexfoundry/edgex-compose/blob/master/compose-builder/README.md>
- Crawl, Walk, Run...
  - Crawl
    - Update [.env](#) file based on steps outlined in the compose-builder README
    - Job just spits out a .env file to the user
    - [strech] Job recommends but does not apply version updates for dependencies i.e. vault, consul, redis, etc
  - Walk
    - Job generate .env file as described above and pushes changes to a separate branch (pre-"release") in edgex-compose.
    - A developer manually creates the release branch, i.e "ireland" if it does not already exist
    - A developer then manually creates a PR to merge the changes from pre-"release" to "release", i.e. pre-ireland → ireland, this would allow us to create multiple updates in the pre-"release" branch before merging to the "release" branch
  - Run
    - All the steps above, but fully automated and integrated into cd-management/release

# Ireland Scope

- ~~[Complete] Dockerfile clean-up in some services - 🧑 Medium~~
- **[Hold] Docker image naming - 🧑 Small**
- ~~[Complete] Update description of Docker Hub images to indicate which are out of support - 🧑 Small~~
- ~~[Complete] Clean up DevOps wiki pages - 🧑 Small~~
- ~~[Complete] Research Semantic versioning git-semver replacement - 🧑 Medium~~
- ~~[Complete] Developer enablement: Update documentation for pre-built pipelines - 🧑 Medium~~
- **[In Progress] Automated change log creation - 🧑 Medium**
- **[In Progress] Repo badges for EdgeX repos - 🧑 Large**
- **[Planning] Automation around pinning image versions in developer scripts (stretch)**



# Notes

