DevOps Working Group

Tuesday May 9, 2023

Agenda

Time	Topic	Ow1ner
5 Min	DevOps Updates	Ernesto
10 Min	GitHub Actions Contd	Ernesto
5 Min	Opens	Ernesto

Attendees
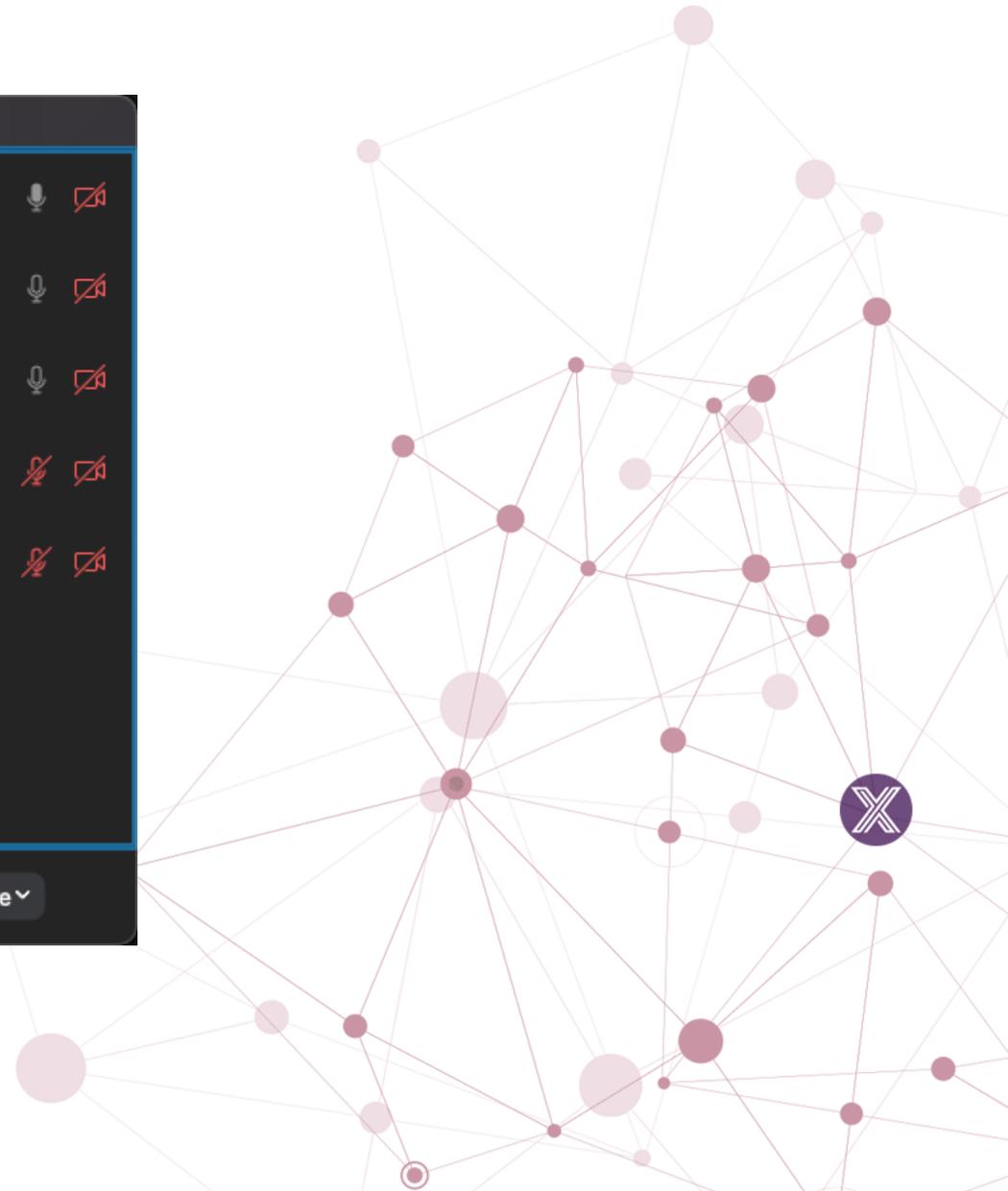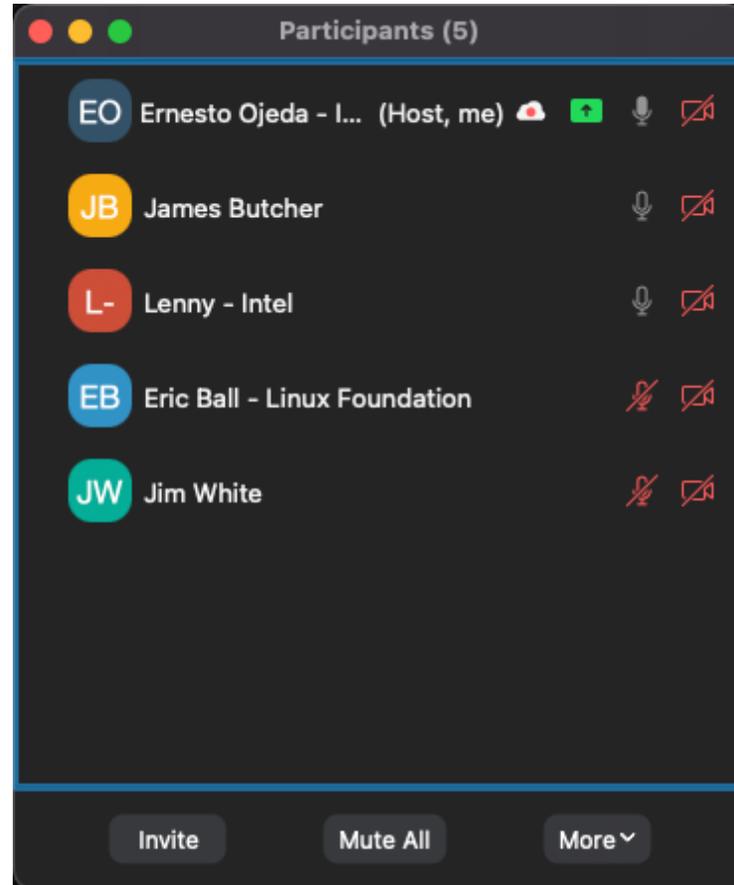
DevOps WG Update

Pipeline Related

- [#428](#) [Complete] edgex-docs investigate htmlproofer issues
  - Issue causing PR failures was related to Connection Refused errors connecting to a few hosts
  - Issue identified as an upstream issue from ISP.
  - [PR #1019](#) has been merged to enable htmlproofer again
- [#423](#) [Complete] POC Simple GitHub Actions and Simple Reusable workflow for Go builds
  - Initial Demo done April, 11th. Next demo will show a more complete example.
  - Plan will be presented next WG meeting on next steps
- [#424](#) [Complete] Harden release process to avoid release failures with parallelized builds

Other

- N/A

GitHub Action Recommendations

Due to no native ARM support, docker builds will be much longer on GitHub actions so at this point it make sense not to proceed with GitHub actions.

There could be a use case for faster build/test verification actions that can run in addition to Jenkins, so developers know if their code works. This should run much faster on GitHub actions because runners start almost instantly.

Very large multi-release migration effort. Mostly around the automated release portions

Minnesota 3.0.0: DevOps Scope

Release: May 2023

- Harden release process to avoid release failures with parallelized builds (👕 Medium)

- POC Simple GitHub Actions and Simple Reusable workflow for Go builds. (👕 Small)

- POC Build function for multi-arch docker images (using docker manifest) (👕 Small)

- POC embedded swagger docs into the edgex-docs markdown (mkdocs-swagger-ui or mkdocs-swagger-ui-tag) (👕Small)

- Misc pipeline support (Go 1.20, Security WG, etc)

Notes