



EDGE X FOUNDRY™

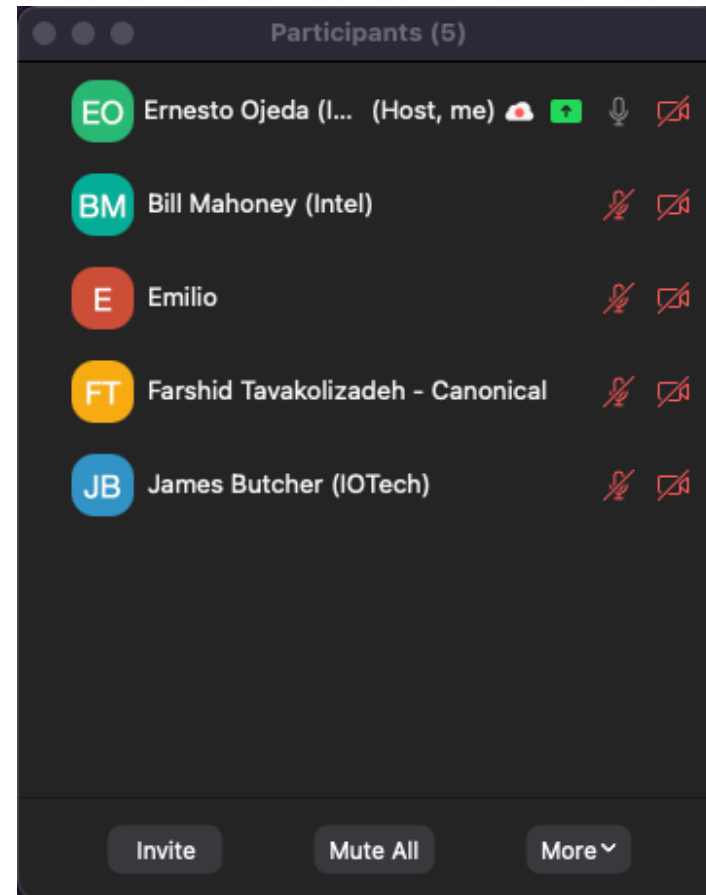
# DevOps Working Group

Thursday August 18, 2022

# Agenda

Time	Topic	Ow1ner
5 Min	DevOps Updates	Ernesto
15 Min	Standardize make version/git-semver	Emilio
5-10 Min	edgex-docs “latest” alias	Farshid
5-10 Min	Updating or removing old GitHub releases	Farshid
5-10 Min	edgex-ui-go Angular unit tests	Ernesto
5 Min	AOB / Opens	Ernesto

# Attendees



# DevOps WG Update

## Pipeline Related

- [#407](#) [In Progress] Standardize make version between Jenkins and Snap builds
- [#409](#) [Backlog] edgex-ui: add UI unit test to pipeline (ng test)

## Other

- [#389](#) [Complete] Help optimize local developer make docker builds

# Misc

- Updating or removing outdated Github releases: <https://edgexfoundry.slack.com/archives/CE46S51DX/p1656593283735239>
- Referencing doc pages with latest alias: <https://github.com/edgexfoundry/edgex-docs/pull/831>

# edgex-ui-go Angular Unit Test

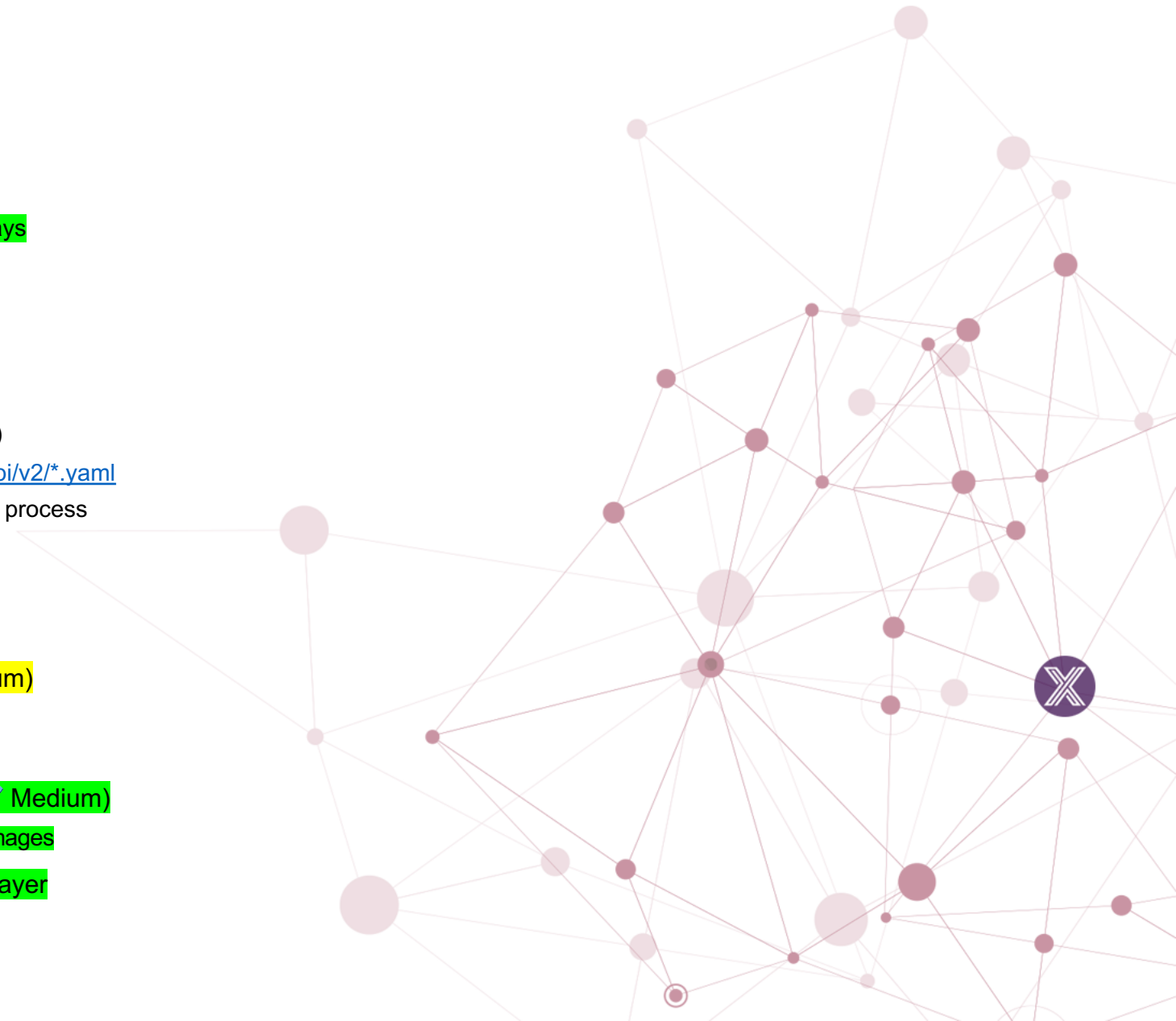
- Add new Dockerfile in [web](#) directory
- Add new make target in Makefile to run tests inside a docker container
- Update “test” make target to also call unit testing
- No extra changes to pipeline should be required if everything is isolated to make and uses docker.

# Notes

- Standardize make version/git-semver
  - We will not be proceeding with modifications to git-semver as proposed by Emilio.
  - Focus more time on other open source alternatives to tagging.
- Old GitHub releases:
  - Remove existing old releases (except edgex-ui)
  - Farshid and his team will look at creating a GitHub action workflow to create releases from pushed tags.
- edgex-docs latest tag:
  - Update edgeXReleaseDocs to move latest alias on release.
  - Update DockerHub descriptions/overviews to use latest link.

# DevOps Levski Scope

- **htmlprooferchecks on each edgex-docs PR (👤 Small)**
  - **Plugin in for yamllint disabled –task to enable it in the pipeline always**
- **Makedocs–support for variables (👤 Small)**
  - **Research first**
  - **Understand impacts on Htmlproofer**
  - **This would help with docs as well as API docs**
- Automate version bump in swagger api files on release (👤 Small)
  - i.e. [https://github.com/edgexfoundry/edgex-go/blob/main/openapi/v2/\\*.yaml](https://github.com/edgexfoundry/edgex-go/blob/main/openapi/v2/*.yaml)
  - Modification to global libraries; adding a new step in the release process
  - Done manually today
- **Assist GUI team to automate testing –Jim to coordinate with GUI**
  - **Size TBD**
- **Create a consistent make version target in the Makefile (👤 Medium)**
  - **snaps and CI/CD share the same version**
  - **Requires touching most repositories**
- **Having our own SPIFFE/SPIRE Nexus image for use in builds (👤 Medium)**
  - **Temporary solution until the Spire team has their own multi-arch images**
- **Optimize local edgex-go builds using a local image as a caching layer**





# Notes

