



EDGE X FOUNDRY™

DevOps Working Group

Tuesday October 4, 2022

Agenda

Time	Topic	Ow1ner
5 Min	DevOps Updates	Ernesto
10-15 Min	Minnesota Release Topics	Ernesto
5 Min	AOB / Opens	Ernesto

Attendees

Participants (7)

Search

- EO Ernesto Ojeda... (Host, me)
- BM Bill Mahoney (Intel)
- CJ Chinu Joy (Intel)
- E Emilio
- FT Farshid Tavakolizadeh - Canonical
- JW Jim White

Invite Mute All More



DevOps WG Update

Pipeline Related

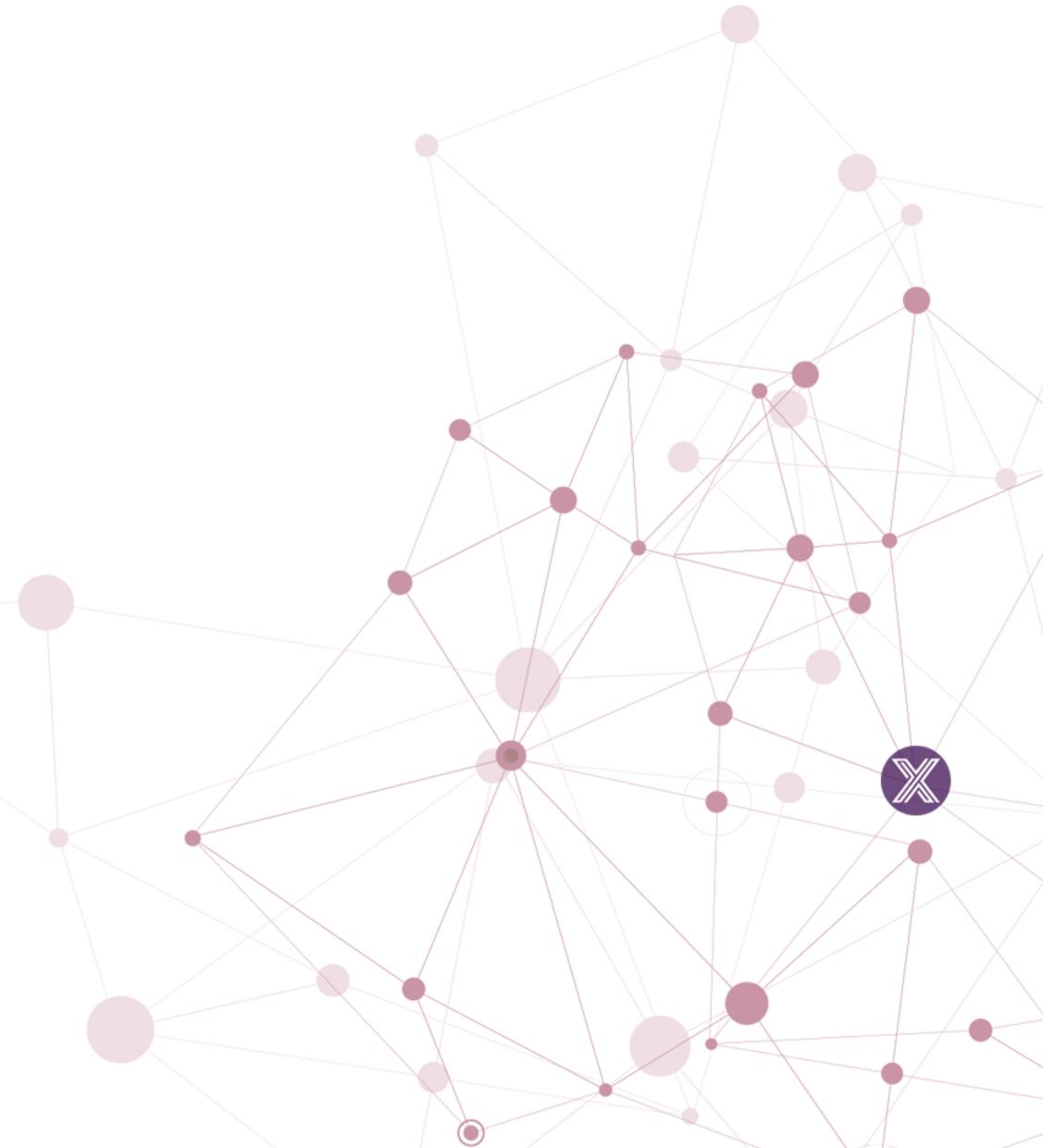
- [#412](#) [In Progress] Update edgeXReleaseDocs pipeline after latest changes
- [#413](#) [In Progress] Update Swagger API version on release
- [#284](#) Update edgexfoundry DockerHub Overviews for Kamakura

Minnesota Release DevOps Topics

- Multi-arch docker builds? [#4150](#)
- Self-hosted Swagger documentation using SwaggerUI: <https://github.com/swagger-api/swagger-ui>
- Misc Pipeline enhancements?
- Other Topics...

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**
 - **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

- Multi-arch builds are still low priority. We DevOps can build in a simple function to be ready when/if multi-arch image builds are higher priority.
- Swagger-ui is not wanted by the community. Not enough features to warrant the swagger-ui. POC embedded swagger docs into mkdocs.
- POC Simple GitHub Actions and Simple Reusable workflow.
- Chore: Look into solution to remove required Jenkins status checks when no Jenkinsfile is in the repo.