DevOps Working Group

Thursday January 21, 2021
## Agenda

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Owner</th>
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<tbody>
<tr>
<td>10 Min</td>
<td>DevOps Updates (Ireland)</td>
<td>Ernesto</td>
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<tr>
<td>5 Min</td>
<td>DockerHub Deprecation Descriptions</td>
<td>Ernesto/Jim</td>
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<tr>
<td>5 Min</td>
<td>DevOps Ireland Scope</td>
<td>Ernesto</td>
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<tr>
<td>5 Min</td>
<td>AOB / Opens</td>
<td>All</td>
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Attendees
DevOps WG Update (Ireland)

Pipeline Enhancements
- #102 [Hold] Docker image naming
- #308 [Complete] Release an EdgeX code repo from a specific commit
- #314 [Complete] Research and implement 2.0.0-dev.x pre-release tags for Go modules
- [Complete] Cleanup stale pre-release tags

Backlog
- #312 [Backlog] Add email notifications on build failures
- #313 [Backlog] Inline Snyk scan limits (Nexus images). Disabled scans for now. Decision in TSC to move to weekly scans.
- #104 [Backlog] Clean up DevOps wiki pages

Other
- Tag/Update description of Docker Hub images to indicate which are out of support
  - Working with Jim to get descriptions/overviews
  - Researching potential programmatic options to automate update
DockerHub Description Updates

• Automated Options
  • Can be done via `curl`
  • Docker Image
Ireland Scope

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

• Jim presented his great work on DockerHub descriptions/overviews. Code can be found here currently: [https://github.com/jpwhitemn/edgex-docker-hub-documentation](https://github.com/jpwhitemn/edgex-docker-hub-documentation)

• Maybe move Jim’s code to edgexfoundry/cd-management in a dedicated branch

• LF working on parallel block replacement to capture job cost for extra agents spun up during the build.