DevOps Working Group

Thursday November 11, 2021
## Agenda

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<thead>
<tr>
<th>Time</th>
<th>Topic</th>
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<tr>
<td>5 Min</td>
<td>DevOps Updates</td>
<td>Ernesto</td>
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<tr>
<td>5 Min</td>
<td>Kamakura Scope</td>
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<td>15 Min</td>
<td>EdgeX Badging Program Updates</td>
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<td>AOB / Opens</td>
<td>All</td>
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Attendees

- Ernesto Ojeda (Host, me)
- Eric Ball - Linux Foundation
- Siggi Skulason (Canonical)

Lenny Goodell
Bill Mahoney
DevOps WG Update

Pipeline Related
• [Hold] Go 1.17 released - Release Notes - On hold until Kamakura

Other
• [In Progress] Spike Developer Badge Program
  • Finalizing details of Credly implementation
DevOps Kamakura Scope

Pipeline Optimizations:

• Tech Debt: Fix multiple nodes being spun up during edgeXBuldGoApp and edgeXBuldCApp
  • T-shirt size: small
• Spike: docker image multi-arch builds with buildx (spin up less nodes, speed up builds)
  • T-shirt size: small for the research; implementation TBD (see below)
  • Use of Docker buildx so we wouldn’t need to spin up ARM image to build docker arm images
  • Explored in the past; revisit approach (separate images)
• Implementation: depending on spike docker image multi-arch builds with buildx
• Spike: rewrite git-semver in python
  • T-shirt–medium size (impl TBD)
• Implementation: depending on spike, rewrite git-semver in python
• Ice box on semantic-release work for now
• EdgeX Badging Program Full Credly Automation (Stretch)
• Assist in go lang linting/scanning
  • See security scope

Documentation:

• T-shirt size: medium
• Continued documentation updates (DevOps online docs)
• Find it through README of DevOps repository, https://edgexfoundry.github.io/edgex-global-pipelines/html/
Notes