DevOps Working Group

Tuesday October 11, 2022
## Agenda

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
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<tbody>
<tr>
<td>5 Min</td>
<td>DevOps Updates</td>
<td>Ernesto</td>
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<tr>
<td>10-15 Min</td>
<td>New Release Automation</td>
<td>Ernesto</td>
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<td>5 Min</td>
<td>AOB / Opens</td>
<td>Ernesto</td>
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Attendees
DevOps WG Update

Pipeline Related

- #412 [Review] Update edgeXReleaseDocs pipeline after latest changes
- #413 [Review] Update OpenAPI version on release
- #284 [In Progress] Update edgexfoundry DockerHub Overviews for Kamakura
New Release Automation

• Global Pipeline changes:
  • https://github.com/edgexfoundry/edgex-global-pipelines/pull/415

• Functional Tests:
  • https://jenkins.edgexfoundry.org/blue/organizations/jenkins/edgexfoundry%2Fcd-management/detail/PR-286/5/pipeline
  • https://jenkins.edgexfoundry.org/blue/organizations/jenkins/edgexfoundry%2Fcd-management/detail/PR-285/7/pipeline
DevOps Levski Scope

- **htmlproofer checks on each edgex-docs PR (Small)**
  - Plugin in for yaml 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 openapi 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 (Small)**
  - 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