DevOps Working Group

Thursday January 30, 2020
<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Owner</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Min</td>
<td>DevOps Updates</td>
<td>James</td>
</tr>
<tr>
<td>10 Min</td>
<td>Backlog Review / Grooming</td>
<td>All</td>
</tr>
<tr>
<td>20 Min</td>
<td>Open Horizons Discussion</td>
<td>Joe Pearson</td>
</tr>
<tr>
<td>10 Min</td>
<td>Other Business / Demo</td>
<td></td>
</tr>
<tr>
<td>10 Min</td>
<td>Opens</td>
<td></td>
</tr>
</tbody>
</table>
Attendees
DevOps WG Update

Geneva

• Jenkins Transformation to Pipelines
  • Work continues on the transformation to Jenkins Pipelines
    • Issue #547 - Lisa completed the work to add the additional environment variable needed to support APIv2 tests
    • Completed a lot of cleanup of legacy JJB templates
    • New defect identified related to Device Services C Pipeline job - WIP
    • Worked with Snyk regarding recent message about “approaching your limit of private tests this billing period” - increased the limits with Snyk support help and adjusted frequency of scans
      • Identified need to associate project as Open Source not private
    • Started dialog regarding Snap release and need for Jenkins Pipeline to support snap release for Geneva – Help Wanted Issue #45
    • Given decision regarding use of PR Templates, Need decision on what additional explore work related to additional bots which automate and provide governance over the commit process.

• CommunityBridge - Advanced Snyk Reporting
  • EdgeX Foundry added to the CommunityBridge Vulnerability Reporting
    • Ticket still open with Heather Willson / CommunityBridge team
Jenkins – LF Discussion

• Open_SSL issue – continue the dialog and explore needed to figure out some options to address the chronic issue

• Go Module Caching
  • Not consistently the same module
  • Nexus has Go Module caching enabled

• Monitoring
  • Size of the Queue - alerts beyond 10
  • Something to monitor and investigate the reason why we see suspended
  • Pipelines that are deleted sometimes still trigger
    • May need a reboot of Jenkins
    • Possibly not cleaning up the webhooks when a job is deleted
      • Coordinate this cleanup with LF when we’re setting up repo branch protections

• Blackbox Tests

• Timelines for updating Python 3
  • Need to continue the upgrades global-jjb
    • AR: Eric Ball will open an internal ticket to work this upgrade
Snyk Project Settings – BKM

Open Source

If this project is open source, please specify the URI for the git remote where the source code can be found. You must provide a valid git remote that is accessible to the internet without authentication.

Git remote URI

https://github.com/edgexfoundry/edgex-ui-go.git

Project was successfully marked as open source.

github.com/edgexfoundry/edgex-ui-go:go.mod
Hi James,

I am figuring out if this is a possibility currently. If it is not, I shall tag this as a feature request.

Cheers,

Jacky

James R Gregg
Jan 29, 00:03 +01

We’re running the Snyk CLI within our Jenkins Pipeline and when the project is first set up, we’re noticing that it’s set up as private initially, which forces us to go to the portal to configure the project as Open Source as per the documentation found here – [https://support.snyk.io/hc/en-us/articles/360000910597?input_string=snyk+cli+needs+to+set+project+as+open+source](https://support.snyk.io/hc/en-us/articles/360000910597?input_string=snyk+cli+needs+to+set+project+as+open+source)

After looking at the Snyk CLI documentation, I can’t find the option to set the project as open source. Is there an option to do so and if so, how it is typically done from within a Jenkins Pipeline where the Snyk CLI is part of a Docker image.

This is the command we are running:

`snyk monitor --org=edgex-jenkins`
How to Export and Import GitHub Issue Labels Between Projects

• Command Line Automation with Bash
• Findings
• Ease of Use
• Demo
• Next Steps – Add story to backlog and work on the automation with LF

Reference:
Results of the Explore

• Findings
  • Easy to use. Shell script is pretty straight forward
  • Easy to update details of repo and username
  • Automation is quickly done

• Usage
  • Create an access Token in GitHub
  • Have shell script which does the automation on your Linux machine
  • Update the shell script with access token and username and repos.
  • Edit the labels as required in the source repository
  • Run shell script
Backlog Review
Meeting Minutes

Discussion

Open Horizons Discussion
Jenkins Training - https://github.com/edgexfoundry/jenkins_pipeline_presentation
Questions regarding build automation requirements, artifacts, testing and validation. Joe may need some continued discussions with QA-Testing WG to ensure that the OH scripts are tested within the standard testing framework.
DevOps has an issue that is in the backlog – Issue

Snap Build Automation – Jenkins Pipeline / Global Library
https://github.com/edgexfoundry/edgex-global-pipelines/issues/45
Create global function for snap releases (Geneva)
Help Needed: Looking for Snap developer to work with us on the Snap Pipeline for Geneva

Other Business
Need a new holding repo for automated release management - SPIKE
cd-management

Missing Owner on several repos
edgex-taf-common Owner: QA-Testing WG
app-service-configurable Owner: Applications WG
docker-edgex-mongo Owner: Core/Support WG
docker-edgex-consul Owner: Core/Support WG
## Past / Future Agenda Topics

<table>
<thead>
<tr>
<th>WW03 – Continued Discussion Monitoring Solution (Nagios)</th>
<th>Eric Ball</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>