# Agenda

<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>Jenkins Production Stability Issues</td>
<td>Eric Ball</td>
</tr>
<tr>
<td>20 Min</td>
<td>Backlog Review / Grooming</td>
<td>All</td>
</tr>
<tr>
<td>10 Min</td>
<td>Commit Linter Explore</td>
<td>James</td>
</tr>
<tr>
<td>10 Min</td>
<td>Opens</td>
<td></td>
</tr>
</tbody>
</table>
Attendees
DevOps WG Update

Geneva

• Jenkins Environment
  • Recent outages – instability of the Jenkins environment
    • Network problem caused Jenkins init script to not execute properly (01/03/2020)
    • Openstack network controller problem (01/06/2020)
    • Sandbox environment hung up – network issues (01/08/2020)
Jenkins Environment – Uptime Dashboard
DevOps WG Update

Geneva

• Jenkins Transformation to Pipelines
  • GitHub Org plugin – install / configuration completed
  • Go Modules migration to Jenkins Pipelines completed
  • Application services migration completed
  • Fixed bug with Clair scan stage of ARM64 images
    • We don’t have an arm64 klar scanner image - Not needed
  • Fuji Docs released – more updates still needed
  • Combined Dockerfile for mongo
  • Go Device Services – WIP
  • C Device Services – Need Help to align to a common build process
  • Go version 1.13 – Anyone can update base build image
    • There’s a question to the community on the need to pin to a specific patch version in the future or just use latest from Docker Hub (1.13.5)

• CommunityBridge - Advanced Snyk Reporting
  • EdgeX Foundry Project has been added to Community Bridge Vulnerability Detection site
CommunityBridge - Advanced Snyk Reporting
DevOps WG Update - WIP

• Git commit message enforcement
  • Coming out of the EdgeX Geneva F2F and Architects meetings, DevOps agreed to take on a SPIKE to look at tooling / automation that would be helpful for the project in terms of Commit Messages (enforce standard format that aligns to conventional commit standard or agreed upon format as per EdgeX written guidance)

Examples:
  • [https://itnext.io/enforcing-commit-templates-8cf3dbfe2510](https://itnext.io/enforcing-commit-templates-8cf3dbfe2510)
    • Example of pre-commit bash scripts.
    • Examples of client-side and server-side ruby scripts
  • [https://dev.to/prahladyeri/how-to-enforce-conventional-commit-messages-using-git-hooks-2bmk](https://dev.to/prahladyeri/how-to-enforce-conventional-commit-messages-using-git-hooks-2bmk)
    • Pre-commit custom python script placed in the .git/hooks directory and committed to the repo
  • [https://github.com/marketplace/commit-message-lint](https://github.com/marketplace/commit-message-lint)
    • Commit message lint
  • [https://probot.github.io/apps/](https://probot.github.io/apps/)
    • Commitlint - [https://probot.github.io/apps/commitlint/](https://probot.github.io/apps/commitlint/)
Demo Commit Linter

Fix some bug #1

James Gregg wants to merge 1 commit into master from us123/update-documentation

James Gregg commented 2 minutes ago

Add more commits by pushing to the us123/update-documentation branch on James Gregg/democommit-linter.

All checks have failed

Commit Message Lint — Message validation failed!!!

This branch has no conflicts with the base branch

Merge pull request — You can also open this in GitHub Desktop or view command line instructions.

Message validation failed!!!

Pull request title is invalid
Commit messages are invalid

Sha: 454c9c8b | message: fix some bug

fix it good
Backlog Review
Meeting Minutes

Discussion

**Actions Completed**
AR: (James) – take a look at the Snyk Slack integration to ensure that all of the Snyk alerts with findings are getting into the #snyk-reports channel

UPDATE – The Slack integration is only used for updates since last scan of the repo, not weekly reports. It only sends new information based on new CVE findings.

**Actions WIP**

Continuous Improvements Needed: Improve monitoring of the Jenkins infrastructure (all environments)

There have been some recent outages and it seems that the LF should have some monitoring in place that communicates when there’s an outage.

Update to Slack, View Dashboard, Send an Email all could be proactive actions that would not depend on EdgeX Foundry Developers to open JSD tickets.

IT-18693 Jenkins Environments - Request for Proactive Monitoring

Per Eric Ball – there is existing monitoring solutions implemented for other LF projects using Nagios

Plan is to reuse what the other projects are using so there shouldn’t be a need to open JSD tickets, they should be monitoring Jenkins infrastructure and Jenkins queues automatically once Nagios is set up.

Scope of work is owned by LF Ops team – Eric Ball to follow up with that team using JSD #IT-18693 to start the dialog.

Additional Discussion

Recent Jenkins stability issues identified as problems with upgraded Jenkins plugins which were incompatible. Both plugins were rolled back to previous versions. Both plugins (Open Stack Cloud & SSH Slave) are required by LF and will not be eliminated with move to Pipelines. Since Jenkins plugins are manually installed by LF RelEng, need to validate compatibility closely beforehand.

Review of Commit Message Lint 2.0 ([SystangoTechnologies](https://github.com/SystangoTechnologies))

Explore use of the commit linter which is a repo plugin – Based on findings – Not recommended for project at this time.

Jim to discuss opens related to the version of Go used in Pipelines with QA/Test WG. Decision will be pending discussion in QA/Test WG with review within TSC call.
## 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>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>