



EDGE X FOUNDRY™

DevOps Working Group

Thursday December 12, 2019




















Agenda

Time	Topic	Owner
5 Min	DevOps Updates	James
10 Min	Backlog Review (Kanban Board / Issues)	All
20 Min	Change Request: GitHub Org Plugin	Ernesto
10 Min	Nexus Life Cycle Policy	Lisa
10 Min	Opens	

Attendees

Participants (10)

Find a participant

JG	James Gregg (Intel) (Me)	 
CH	Colin Hutchinson	 
ER	Emilio Reyes (Intel)	 
LG	Lenny Goodell (Intel)	 
	Michael Estrin	 
MJ	Mike Johanson	 
VS	Vishwas Sp	 
WC	Walt (Intel)	 
E	Ernesto	
LR	Lisa Rashidi-Ranjbar	



DevOps WG Update

Geneva

- Jenkins Transformation to Pipelines
 - All Geneva Pre-Work completed - moving into Phase 1
 - Great working session last week – Thank you Eric Ball / Ernesto
 - GitHub Org plugin
 - Help Needed: Coordination of work needed for GitHub Org plugin
 - Once this change is made to Jenkins (production) all of the current Pipelines will build
- New Pipeline for go-mod-bootstrap with git-semver (Vishwas)
- CommunityBridge - Advanced Snyk Reporting
 - New Product Owner from LF identified - Meeting on Friday
<https://jira.linuxfoundation.org/servicedesk/customer/portal/4/SUPPORT-715>

Backlog Review

EdgeX Foundry Project

Repositories 96 Packages People 68 Teams 97 Projects 12

DevOps WG Updated 16 hours ago

Filter cards Add cards Fullscreen Menu

6 New Issues

- New build automation for go-mod-bootstrap
ci-management#523 opened by jamesgregg
enhancement geneva
- New build automation for device-bluetooth-c
ci-management#470 opened by jamesgregg
blocked enhancement geneva
- New build automation for device-opcua-c
ci-management#481 opened by jamesgregg
blocked enhancement geneva
- New build automation needed for device-gps service
ci-management#446 opened by jamesgregg
blocked enhancement geneva

Automated as To do Manage

19 Release Backlog

- SPIKE - Identify a tool / plugin (bot) to check PR / Issue status
edgex-global-pipelines#62 opened by jamesgregg
geneva spike
- SPIKE - Identify a tool / plugin to enforce use of "conventional commit" messages
edgex-global-pipelines#61 opened by jamesgregg
geneva spike
- Build Automation for Open Horizons
edgex-global-pipelines#63 opened by jamesgregg
enhancement geneva
- Root cause analysis of the ARM failures for blackbox-testing - Infrastructure failures
ci-management#520 opened by Iranjbar
blocked

8 In Progress

- Github Org/Branch source plugin configuration
ci-management#491 opened by Iranjbar
geneva phase 1
- SPIKE: How will we do Unit Testing of Pipeline code.
edgex-global-pipelines#41 opened by jamesgregg
enhancement geneva phase 1
- Write unit tests for edgex-global-pipelines
edgex-global-pipelines#57 opened by Iranjbar
geneva phase 1
- Validate and fix any incompatibilities with the Github branch source plugin
ci-build-images#79 opened by Iranjbar
geneva phase 1

2 QA/Code Review

- New build automation for device-bacnet-c
ci-management#451 opened by jamesgregg
enhancement fuji
- Update Jenkinsfile to use edgeXBuildDocker function
device-bacnet-c#31 opened by Iranjbar
geneva

Review required

Automated as In progress Manage

1 Done

- New global pipelines for GoL Docker builds
3 of 3
edgex-global-pipelines#60 opened by jamesgregg
enhancement geneva

Changes approved

Automated as Done

Jenkins Pipeline Transformation: GitHub Org Plugin

- GitHub Org Plugin

GitHub Org plugin will be introduced this week.

This will start building anything with a Jenkinsfile in the repo.

Developers will use Jenkinsfile.sandbox as a means to test a Pipeline on the Jenkins Sandbox environment.

EdgeX Foundry Nexus Life Cycle Retention Policy

- Lisa introduces the proposal to leverage a new life cycle retention policy for Nexus3
- Goal is the aide developers in the ability to find images that we care about and eliminate the garbage we don't ever use or plan to release. It will be easier to track the most recent images.

docker.snapshots	<p>Retention Policy: 90 days since last download</p> <p>Contains: Docker images that are not expected to be released. This will contain EdgeX that images are built with each merge and should be available to test things against a specific commit. In addition to this we also build images to optimize the builds in the CI infrastructure.</p> <p>Docker Tags Used:</p> <ul style="list-style-type: none">• Git commit• Version-Git commit• Version (ci-build-images only)• Latest (ci-build-images-only)
docker.staging	<p>Retention Policy: 180 days since last download</p> <p>Contains: Docker images built for potential release and testing purposes.</p> <p>Docker Tags Used:</p> <ul style="list-style-type: none">• Version (ie: v1.x)• Release Branch (master, fuji, etc)• Latest
docker.release	<p>Retention Policy: No automatic removal. Requires TSC approval to remove images from this repository.</p> <p>Contains: Officially released docker images for EdgeX.</p> <p>Docker Tags Used:</p> <ul style="list-style-type: none">• Version (ie: v1.x)• Latest

Meeting Minutes

Discussion

GitHub Org Plugin

No issues or objections from the WG

Nexus3 Lifecycle Retention Policy

No objections from the WG.

Note:

Nexus.snapshots already has a 90 day retention policy. The default settings have no policy defined for staging or release.

We will plan to bring this to the TSC for a vote via email for ratification of the decision.

Opens

- Attributions.txt files
 - Suggestion is to move the script to the developer-scripts repo and just fetch via curl, to be executed when `make test` is called



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