



EDGE X FOUNDRY™

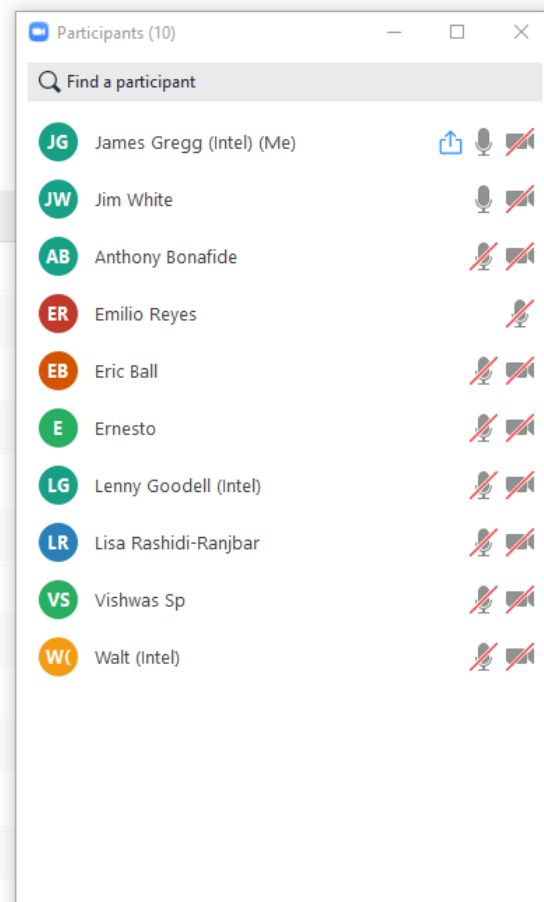
DevOps Working Group

Thursday January 16, 2020

Agenda

Time	Topic	Owner
5 Min	DevOps Updates	James
10 Min	Jenkins Production Stability Issues Update	Eric Ball
20 Min	Backlog Review / Grooming	All
10 Min		
10 Min	Opens	

Attendees




DevOps WG Update

Geneva

- Jenkins Transformation to Pipelines
 - Recent outages - instability of the Jenkins environment
 - LF has enabled additional monitoring of the Jenkins build infrastructure
- Work continues on the transformation to Jenkins Pipelines
- Need to standardize the way of building C code to avoid “snowflakes” in our Pipelines
- Fix applied to Pipelines to address missing org name in Snyk CLI stage
 - Manual configuration through Snyk portal
 - Each project has to be mapped to it’s source repo (public)
- CommunityBridge - Advanced Snyk Reporting
 - EdgeX Foundry added to the CommunityBridge Vulnerability Reporting
 - Issues identified after the project was added – project is now no longer visible
 - Need to follow up with Heather Willson / CommunityBridge team

CommunityBridge - Advanced Snyk Reporting

YOUR PROJECT APPLICATION



Project Name EdgeX Foundry

Project Topic GO

Project Color #84d1de

Elevator Pitch
EdgeX Foundry is a vendor-neutral open source project hosted by The Linux Foundation building a common open framework for IoT edge computing. At the heart of the project is an interoperability framework hosted within a full hardware- and OS-agnostic reference software platform to enable an ecosystem of plug-and-play components that unifies the marketplace and accelerates the deployment of IoT solutions.

Repository Url <https://github.com/edgexfoundry>

CII Project ID

Project Contributors
David Deal
James Gregg
ddeal@linuxfoundation.org
james.r.gregg@intel.com

COMMUNITYBRIDGE
VULNERABILITY DETECTION

My Projects

app-functions-sdk-go
Application Functions SDK written in Go

Vulnerability Report

0 HIGH SEVERITY 0 Fixable	0 MEDIUM SEVERITY 0 Fixable	0 LOW SEVERITY 0 Fixable	0 TOTAL ISSUES 0 Fixable
------------------------------------	--------------------------------------	-----------------------------------	-----------------------------------

No repository found for this project to be scanned

Contributor Login i

app-service-configurable
Application Service Configurable written in Go

Vulnerability Report

0 HIGH SEVERITY 0 Fixable	0 MEDIUM SEVERITY 0 Fixable	0 LOW SEVERITY 0 Fixable	0 TOTAL ISSUES 0 Fixable
------------------------------------	--------------------------------------	-----------------------------------	-----------------------------------

No repository found for this project to be scanned

Contributor Login i

Powered by **snyk**

CommunityBridge - Advanced Snyk Reporting

The screenshot shows a web browser window with the URL `security.communitybridge.org/#/my-projects`. The browser's taskbar at the top displays various application icons. The page header is dark blue and contains the CommunityBridge logo, the text "VULNERABILITY DETECTION", and navigation links for "Apply", "Get Help", and social media icons for Twitter, Facebook, LinkedIn, and YouTube. The main content area has a blue header for "My Projects" and a central loading spinner with the text "Loading ...". A prominent yellow banner at the bottom of the content area reads "Latest Update – Site is experiencing some infrastructure problems". Below the banner, it says "Powered by snyk".

Backlog Review

Search or jump to... Pull requests Issues Marketplace Explore

EdgeX Foundry Project

Repositories 97 Packages People 68 Teams 98 Projects 12

DevOps WG Updated 23 hours ago

- 11 New Issues**
 - Placeholder - Update documentation for developer enablement for Pipeline development (Jamesregg)
 - New build automation for go-mod-configuration (Jamesregg) [blocked] [geneva]
 - New build automation for device-bluetooth-c (Jamesregg) [blocked] [enhancement] [geneva]
 - New build automation for device-opcua-c (Jamesregg) [blocked] [enhancement] [geneva]
 - New build automation needed for device-gps service (Jamesregg) [blocked] [enhancement] [geneva]
 - Set up codecov for edgex-global-pipelines (Iranjbar) [geneva] [phase 1]
 - Add setting to specify the default version (Iranjbar) [enhancement]
 - Doesn't work behind http proxy
- 14 Release Backlog**
 - Look for a bot to replace "recheck" (ernestoleda)
 - SPIKE: Explore how to autogenerate the Project Tracker labels via the GitHub API US5892 (Jamesregg)
 - SPIKE - Identify a tool / plugin to enforce use of "conventional commit" messages (Jamesregg) [geneva] [spike]
 - Build Automation for Open Horizons (Jamesregg) [enhancement] [geneva]
 - Root cause analysis of the ARM failures for blackbox-testing - Infrastructure failures (Iranjbar) [blocked]
 - SPIKE: How will we automate full delivery (release management) of a Jenkins Pipeline (Jamesregg) [enhancement] [geneva] [phase 1]
 - Create global function for snap releases (Geneva) (Jamesregg) [enhancement] [geneva] [phase 1]
- 7 In Progress**
 - Bot Explore for Pull Requests, Issues, Commit Message Enforcements (Jamesregg) [enhancement] [geneva] [help wanted]
 - Create a pipeline job that will run the tests for edgex-global-pipelines (Iranjbar) [geneva] [phase 1]
 - Create standard pipeline template Jenkinsfile for c device services (Iranjbar) [geneva] [phase 2]
 - Create standard pipeline template Jenkinsfile for ui repos (Iranjbar) [geneva] [phase 2]
 - Migrate device-sdk-go to pipeline jobs (Iranjbar) [geneva] [phase 3]
 - Migrate device-modbus-go to pipeline jobs (Jamesregg) [geneva] [phase 3]
 - Migrate device-mqtt-go to pipeline jobs (Iranjbar) [geneva] [phase 3]
- QA/Code Review**
- 58 Done**
 - Continue Improve infrastru (Jamesregg)
 - Update detectic (Iranjbar) [geneva]
 - Create s Jenkins (Iranjbar) [geneva]
 - Create s Jenkins (Iranjbar) [geneva]
 - Create c global-facilitat (Iranjbar) [enhance]
 - New bu go (Jamesregg) [enhance]

Meeting Minutes

Discussion

Actions Completed

Update Snyk console - set each repo with URL to the public source code and map each Docker image to it's Dockerfile

Actions WIP

IT-18693 Jenkins Environments - Request for Proactive Monitoring

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

Enabled queue monitoring and haven't seen any issues in the past week.

Additional Discussion

Haven't made any progress on looking at the issue label automation.

Haven't made any progress on git commit linter evaluation.

New repo moved out of holding but we didn't plan for any work in this sprint. May be able to pull into the sprint in a week or two of we finish up something else. Will prioritize go-mod-configuration build automation.



EDGE X FOUNDRY™

Past / Future Agenda Topics

WW03 – Continued Discussion Monitoring Solution (Nagios)	Eric Ball