DevOps Working Group

Thursday October 15, 2020

Agenda
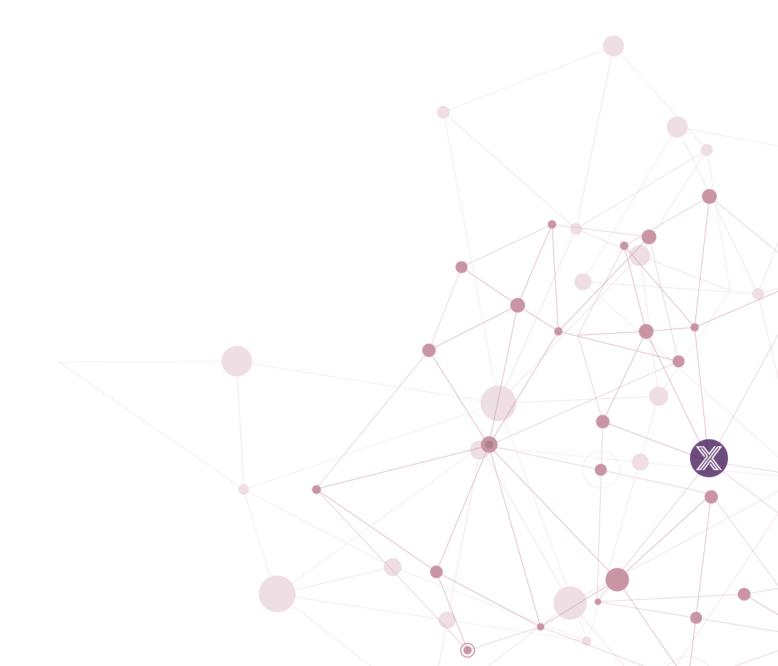
Time	Topic	Owner
10 Min	DevOps Updates (Hanoi)	Ernesto
5 Min	Developer Scripts Smoke Tests	Ernesto
10 Min	Inline Snyk Docker Image Scans Discussion	Ernesto
15 Min	EdgeX Global Pipeline Documentation	Chinu
5 Min	Kanban Board Review	All
5 Min	AOB / Opens	All

Attendees

DevOps WG Update (Hanoi)

- **Pipeline Enhancements**
  - #252 [Watching] Build Snaps natively on Ubuntu
  - #78 [Complete] Implement Functionality to rebuild artifacts during release/code freeze
  - #325 [Complete] Developer Scripts: Run Smoke Tests for PR's
  - #260 [Backlog] CodeCov results not uploading
  - #261 [In Progress] Research best way to scan docker images pre release
  - [Complete] Misc pipeline library tech debt and bug fixes for git-semver.
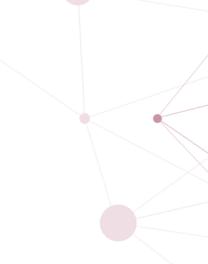
- **Other**
  - [Complete] Update ADR10 and ADR07 to include changes for Snaps and GitHub releases

Developer Scripts Smoke Test Automation

- Smoke tests added to the edgex-taf-pipelines repository. Thanks Cherry!

- New [Jenkinsfile](#) has been added to the developer-scripts repository

- [Sample pipeline](#)

- Only run's smoke tests during the PR stage. Skipped when code is merged to master.

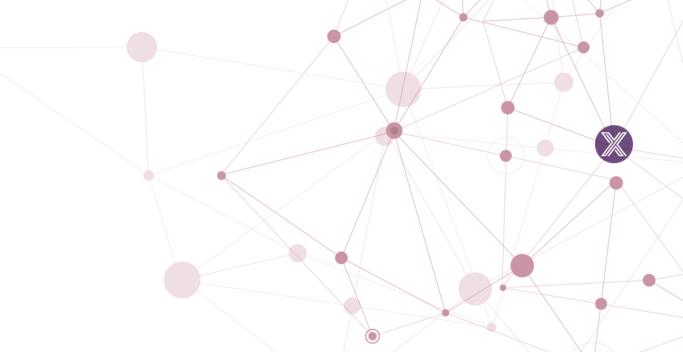- Note: Smoke test take about 30-40 minutes to run.

Inline Snyk Docker Image Scan

- Snyk CLI offers the `snyk test` command which shows scan results inline

- Pipeline options:
    - Break the build: https://jenkins.edgexfoundry.org/blue/organizations/jenkins/edgexfoundry%2Fsample-service/detail/PR-77/8/pipeline/
    - Mark the build unstable but allow creation of the artifact: https://jenkins.edgexfoundry.org/blue/organizations/jenkins/edgexfoundry%2Fsample-service/detail/PR-77/10/pipeline/279/

Notes

- Inline Snyk Scan
  - Mark the build unstable, do not break the build
  - Generate report to review
  - Notify security via email, person who committed code (attach report)
  - Look into ability to disposition/ignore certain vulns
    https://support.snyk.io/hc/en-us/articles/360003851317-Ignore-vulnerabilities

- Docker CIS Benchmark Demo next WG meeting. Maybe also need to bring the discussion into the Security WG.