## Agenda

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Owner</th>
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</thead>
<tbody>
<tr>
<td>10 Min</td>
<td>DevOps Updates (Hanoi)</td>
<td>Ernesto</td>
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<tr>
<td>5 Min</td>
<td>LLRP Device Service</td>
<td>Ernesto</td>
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<tr>
<td>5 Min</td>
<td>Go 1.15</td>
<td>Ernesto</td>
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<tr>
<td>5 Min</td>
<td>Kanban Board Review</td>
<td>All</td>
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<tr>
<td>5 Min</td>
<td>AOB / Opens</td>
<td>All</td>
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Attendees

- Ernesto Ojeda (Intel)
- Jim White (Host)
- tonyespy
- Venkat (Intel)
- Diana Atanasova
- Emilio Reyes (Intel)
- Eric Ball
- Ricardo
- Siggi Skulason (Canonical)
Open Source Examples of Unit Tests for a Jenkins Shared Library

Lisa Ranjbar, Emilio Reyes, Ernesto Ojeda

http://bit.ly/HowToMockIt

How to Mock it?
September 22, 2020
DevOps WG Update (Hanoi)

• Pipeline Enhancements
  • [#2643](#) [In Progress] Update ENTRYPOINT across repos
  • [#64](#) [In Progress] SPIKE Research Functionality to rebuild artifacts after code freeze.
  • [#43](#) [In Progress] Rewrite sample-service to better facilitate testing of DevOps services.
  • [#229](#) [In Progress] Enable Snap build in edgex-go pipeline, remove legacy JJB jobs
  • [Placeholder] edgex-cli pipeline work in the backlog. Probably will begin in a few weeks

• Other
  • Amend ADR10 Snaps section Bill/Tony. Maybe a diagram explaining all the parts involved on the Canonical side?
Snap Updates
Snap Updates

**Snap Modifications**
- **#229** Enabled Snap stages for edgeXBuildGoParallel (amd64, arm64)
- **#229** Disable Snap stage on merge to master (speed optimization)
- **#229** Use specific build agents for Snap stages to speed up builds (speed optimization)
- **#229** Remove SNAP CHANNEL from pipelines to disable publishing to the Snap store
- **#618** Remove legacy snap jobs from ci-management repo
- **#72** Remove/Disabled Daily Snap Jobs
- Hand over Snap registration to Canonical - LF

**New Snap Nodes**
New nodes were introduced to attempt to speed up PR verification builds
- centos7-docker-8c-8g: Build time reduced from 30m to 16m
- ubuntu18.04-docker-arm64-16c-16g, slight reduction from 50m to 40m
Go 1.15

• DevOps Changes
  • Add Go 1.15 ci build image with bundled deps
  • Add new option in edgeXBuildGoApp and edgeXBuildGoParallel, make go 1.15 the default
  • Update any Jenkinsfiles with pinned Go versions

```go
edgeXBuildGoApp {
    project: 'device-virtual-go',
    goVersion: '1.13'
}
```
Meeting Minutes
Notes WW35

  - Plan is to update content to point to ADR10
- Jim will work with LF to move snap registration from EdgeX to Canonical
- Snap Builds:
  - Temporarily disable ARM verification Snap stage in pipeline.
  - Tony will look at maybe Canonical providing hardware for ARM builds.
- edgex-cli Pipeline
  - enable git-semver to consistent versioning automatically version builds
  - Create pipeline with the following stages
    - Test
    - Cross Compile (with git-semver version)
      - (New scope or just make target) How are these validated?
      - Linux (amd64/arm64)
      - Windows (amd64/arm64)
      - MacOS
    - Package artifacts (tarball)
    - Git-semver Push signed version tag
    - Snyk scan
    - Codecov.io
  - Push tarballs to GitHub releases page (new scope)
    - To be controlled by Release Czar. Part of cd-management Release the Kraken job.