<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Owner</th>
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<tbody>
<tr>
<td>20 min</td>
<td>Edinburgh Release : Review Status / Discussion</td>
<td>James Gregg</td>
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<tr>
<td>20 min</td>
<td>Release Management: Semantic Versioning Process for releases</td>
<td>Lisa</td>
</tr>
<tr>
<td>10 min</td>
<td>Other Business Items</td>
<td>All</td>
</tr>
<tr>
<td>10 min</td>
<td>Opens</td>
<td>All</td>
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Attendees
EdgeX DevOps WG Update

- Edinburgh Release
  - Code Freeze – feature development complete but still can fix bugs
    - Moving to truck based deployment has different versions of services
    - When we cut branch early – we end up having to update both branches (known issue)
      - Harder to automate when cut early
      - Proposal to use tags differently and branch off of the tags
  - Release Management Discussion
    - Lisa’s proposal (Option 1) reviewed

- Updated Release Management Definition re: Applications Functions SDK / application services
  - No issues and aligns to the new strategy Lisa is proposing
    - Will follow up with Jeremy P this week to review any additional concerns / gotchas and formalize the proposal which would need to be presented / reviewed by everyone in the community

- Webmaster for EdgeX Edinburgh release v1.0 marketing content updates (WordPress) - Ernesto
- Clair scan for MongoDB
  - What happens within a build if image is built and determined to contain Critical / High CVE?
    - Should it be pushed to Nexus? Should the build break without push to Nexus? Should the image be pushed to Nexus, but tagged to identify security risk?

- Fuji Scope - Container Scanning (Clair Server landing request)
  - LF Management response indicates resourcing will be communicated after scoping exercise is completed by EOW.

- Codecove jobs not producing the reports so we need to look at the fix that was applied
  - Deprioritize the device services jobs as they still have to land in holding and will need review before acceptance by TSC
  - Will look at pulling in the Codecov global library story in place of the other stories moving to the backlog
Release Process Review

Enumerate Services in Release

1. Simple list of all services that will be in the release.

Release Process

1. Branch Cutting
   a. At some point before an official artifact release (at least 2 weeks). A release will be created in the branch.
   b. The master branch version will be rev'd to the desired version of a future release.
   c. Only bug and security fixes can now make it into the release.
   d. Jenkins jobs will be instantiated for the release branch.

2. Official Release
   a. A leading representative from a category is to run the following:
      i. Email helpdesk@edgexfoundry.org
      1. Link to an account which will be the release (or client 0.1.0)
   b. The release branch is checked out as requested and git tag the repository found at the sha checked out in the aforementioned Jenkins staging job.
   c. The version of the project in the release branch is prep for next patch.

2. Generate a named release manifest
   - This is the document which will enumerate each service and version that will be contained in a named release.

3. Individual service release
   - Each individual service can release separately if they wish. If at any time a service is updated then we should also be sure to update the manifest.
<table>
<thead>
<tr>
<th>Helpdesk Ticket #</th>
<th>Description</th>
<th>Details</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>75648</td>
<td>Dedicated Clair server for EdgeX</td>
<td>Pending decision on strategy for K8s + cost / availability of resources with LF</td>
<td>WIP (Brett Preston)</td>
</tr>
<tr>
<td>68377</td>
<td>failed job related to timeout waiting for SSH</td>
<td>Eric Ball follow up with the team that owns VEXHOST – no progress Issue is with building new arm images – doesn’t affect edgex builds decision to leave it open for now.. Circle back with VEXHOST team</td>
<td>WIP (Eric) Possible look at using a different OS for the builds Proposal to use Ubuntu instead of Centos ARM image</td>
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Backlog Review
Meeting Minutes

AR: Meet with Jeremy to review additional Jenkins release processes
   - nightly jobs
AR: Lisa formalize the release process proposal / changes and present plan
Fuji Planning

Scope Discussions
Fuji – DevOps

In
- Static code analysis tool identified and integrated into the EdgeX Jenkins Pipeline for Docker image scanning (Clair Server)
- Explore SAST for true static code analysis to include additional tooling such as Fortify / Coverity
- Code and artifact signing with semantic versioning
- Fix Documentation – edgex-go
  - Create a new repo for edgex-docs
- Build Performance Optimizations
  - Pipelines for EdgeX Foundry base build images
  - Basebuild images managed locally within Nexus
  - Leverage PyPi Proxy for local pip dependencies
  - ARM builds – optimization leveraging different high CPU build nodes / OS (ARM Team)

Out
- Alternate deployment/orchestration
  - Beyond Docker/Snaps
  - Kubernetes
  - Kata Containers
  - …
- SonarQube – SonarCloud is already in play in the LF
  Decision: wait to see what codecov.io offers
- Suggestion to rename all of the Jenkins “arm” jobs so as to differentiate 32bit / 64bit architectures
- Full Pipeline transformation for EdgeX services
Edinburgh Release

Release Planning
Edinburgh Dates

• Freeze Date – May 28
• Release Date – June 20
## Future Agenda Topics

<table>
<thead>
<tr>
<th>WW14</th>
<th>Documentation migration – edgex-go user documentation</th>
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<tr>
<td>WW14</td>
<td>Topics for Fuji F2F</td>
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<td>Jenkins Pipelines for EdgeX services</td>
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<td>WW15</td>
<td>Review Aqua Microscanner – Image scanning tool for Vulnerabilities</td>
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<tr>
<td>WW16</td>
<td>NVIDIA – Security tooling within CodePipeline (Trevor request) 4/18/19</td>
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<td>WW17</td>
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<td>WW18</td>
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<td>Athens Project – proxy server for go package dependencies</td>
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<td>Community Involvement</td>
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