

2019-02-01 Meeting notes

Date

01 Feb 2019

Attendees

- Casey Cain
- Ed Warnicke
- Brian Freeman
- [Christophe Closset](#)
- [Wenjing Chu](#)
- [Morgan Richomme](#)
- [Eric Debeau](#)
- [Thanh Ha \(zxiro\)](#)
- [Trevor Bramwell](#)
- [Trevor Cooper](#)
- Ed Kern

Goals

Discussion items

1. Release rolls are a pain with the current setup
2. Morgan's comment was about who can merge jib changes - right now some jobs can only be merged by LF (located in North America)

Categories of Things

Copied from which was done specific for OPNFV: <https://etherpad.opnfv.org/p/infraevolution>

SCM: Gerrit Github / Gitlab

CI: Jenkins CI Provider (CircleCI, GitLab-CI, TravisCI, GithubActions, etc)

- Code: Gerrit -> Hosted
 - Github
 - Gitlab
 - Bitbucket
- Issue Tracking:
 - Jira
 - Github Issues
- CI: Jenkins -> Hosted
 - Circle-CI: <https://circleci.com/integrations/> (Github, Bitbucket)
 - Travis-CI: <https://travis-ci.org/> (Github)
 - Bitbucket: <https://bitbucket.org/product/features/pipelines> (Bitbucket)
 - Gitlab: <https://about.gitlab.com/product/continuous-integration/> (Github, Gitlab)
 - Docker hub: <https://docs.docker.com/docker-hub/builds/> (Github)
 - Drone: <https://docs.drone.io> (Github, Bitbucket)
- Labs: Static -> Dynamic
 - AWS: <https://aws.amazon.com/blogs/aws/now-available-i3-instances-for-demanding-io-intensive-applications/>
 - Packet.net: <https://www.packet.com/cloud/>
 - Packet also offer colo
 - GCE: <https://cloud.google.com/compute/docs/instances/enable-nested-virtualization-vm-instances>
 - Azure: <https://azure.microsoft.com/en-us/blog/nested-virtualization-in-azure/>
 - Other?
- Artifacts: Google Storage/Nexus ->
 - Nexus: <https://www.sonatype.com/nexus-repository-sonatype>
 - Packagecloud: <https://packagecloud.io/>
 - Docker hub: <https://hub.docker.com/>
 - Maven Central: <https://oss.sonatype.org/>
 - PyPi: <https://pypi.org/>

- Github: <https://developer.github.com/v3/repos/releases/#upload-a-release-asset>
- Gitlab: https://docs.gitlab.com/ee/user/project/pipelines/job_artifacts.html
- S3: <https://aws.amazon.com/s3/>
- Docs:
 - ReadTheDocs: <https://readthedocs.org/>
 - Github+(Hugo/Jekyll)+Netlify - most modern projects use this stack

Types of Artifacts

ONAP: jars , dockers , python/pip ,

FDio: jars, apt/yum - ambitions of dockers

OPNFV: git tags, docker, python packages, rpms

Priority of Things

1. **SCM**
2. **CI**
3. **Artifact Repo**
4. HW Hosting - HWaaS vs Own

Evaluation Requirements

- Cost
- Time / Effort to Move
- Cost to Move
- DCO Support (SCM) - Github support DCO enforcement 😊
- Risk of service going away
 - Risk of free/discount pricing tier going away

POC

- Low hanging POCs
- Packagecloud for apt/yum - FD.io has done
- Docker hub for container images - very widely done
- SCM: POC Github PRs ?
- CI: POCing Circleci/TravisCi etc

Action items

Type your task here. Use "@" to assign a user and "/" to select a due date

1. Gather Jenkins stats per project - LF ?
2. SCM (git hub) CI poc for ONAP (Morgan and Christophe) , ODL () , FD.io (Ed) ,OPNFV (work done by [Cedric Ollivier](#) in OPNFV functest) , etc for a few repo's
- 3.