



OLF NETWORKING

Developer & Testing Forum 2020

Developing a new release process to address changes in the OPNFV community, changes in technology, and new opportunities.

Status

- OPNFV is at an inflection point
- OPNFV is no longer primarily driven by OpenStack-based installer projects partnered with VNF feature projects (i.e., “scenarios”), and test frameworks, which drove the design of the current release process.
- The CNTT project has developed significantly in the past year and is anticipating integration with OPNFV in the next year, or so
- Staff support for release management has been reduced
- The Iruya release later this month will be the last release using the release process that OPNFV has used for nearly 4 years
- The community is pausing to reconsider its objectives and determine the path forward.

Considerations for a New Release Process

- How do we integrate CNTT, while retaining current successful, active projects?
 - CNTT has expressed interest in quarterly releases.
 - Can this be done with a single release process, or might we need two release processes?
- Can we develop a new release process less dependent on installers?
 - Do we need a common “neutral” installer for deployment in support of testing and validation, or do we continue to rely on multiple installers that come and go over time?
 - Could installer projects function downstream of OPNFV?

Considerations for a New Release Process

- Historical conflict between objectives of rapid feedback to upstream communities on cutting edge development vs. stable releases.
 - Should we continue to support both?
 - The CNTT project's objectives argue for a focus on stable releases.
- Should we have support for common release requirements (e.g., Python 3 migration)?
 - Current release process neglects this and causes a siloing effect, with no common requirements across projects.
 - Could this help provide strategic technological direction?
 - e.g., support for Kubernetes/CNF

Considerations for a New Release Process

- How do we provide release management support, and increase accountability, for “independent” projects (i.e., not part of installer/feature/test framework combination)?
- Can we enable independent releases by projects?
 - i.e., projects participate in major OPNFV releases but may do additional self-releases outside of that cadence.