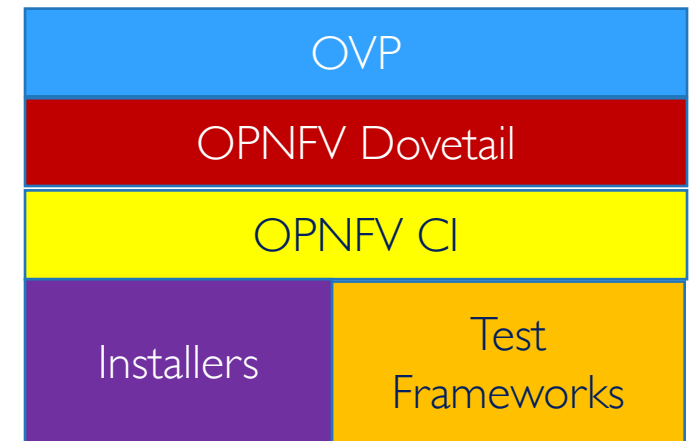


A background image featuring a complex network of blue lines connecting various yellow circular nodes, set against a dark blue gradient. The nodes and lines are scattered across the frame, with a higher density of connections on the right side.

OPNFV installer status and implications for OVP

OVP Dependencies on OPNFV

- › OVP is the certification program for LFN
- › In December '18, the Board stated that OVP is a priority for OPNFV
- › OVP is dependent on the Dovetail project in OPNFV
- › Dovetail relies on OPNFV CI for development and test (NOT end users)
- › Dovetail also relies on OPNFV test frameworks
 - › Functest
 - › Yardstick
 - › Bottlenecks



OPNFV Installer Status

- › OPNFV CI has traditionally been dependent on installer projects
- › A year ago, OPNFV included 5 installer projects
 - › Apex
 - › Compass
 - › Daisy
 - › Fuel (x86, aarch64)
 - › JOID
- › As of the end of the OPNFV Hunter release (summer '19) only one installer project will remain (Fuel)
- › CI dependency on a single installer is risky

Cross-Community CI (XCI)

- › XCI began development ~3 years ago
- › Provides integration with upstream components (OpenStack, ODL, etc.)
- › Supports Kubernetes
- › Implements PDF / IDF
- › Relies on OpenStack Ansible for deployment
- › Goal is to decrease dependence on installers and enable developers to focus on NFV feature development and test
- › Some OPNFV projects have already migrated to XCI

Moving Forward...

- › Dovetail is considering integration with XCI following the next release (Dovetail project meeting Feb 27)
- › XCI needs developer support
 - › If you or your organization is seeking additional opportunities to engage with LFN, then XCI provides an opportunity to make a significant impact on not just OPNFV, but all of LFN, by supporting the underlying infrastructure for the OVP project.
- › Also need test framework integration with XCI