



**OPNFV**

□ **LINUX FOUNDATION**  
COLLABORATIVE PROJECTS

# OPNFV Verified

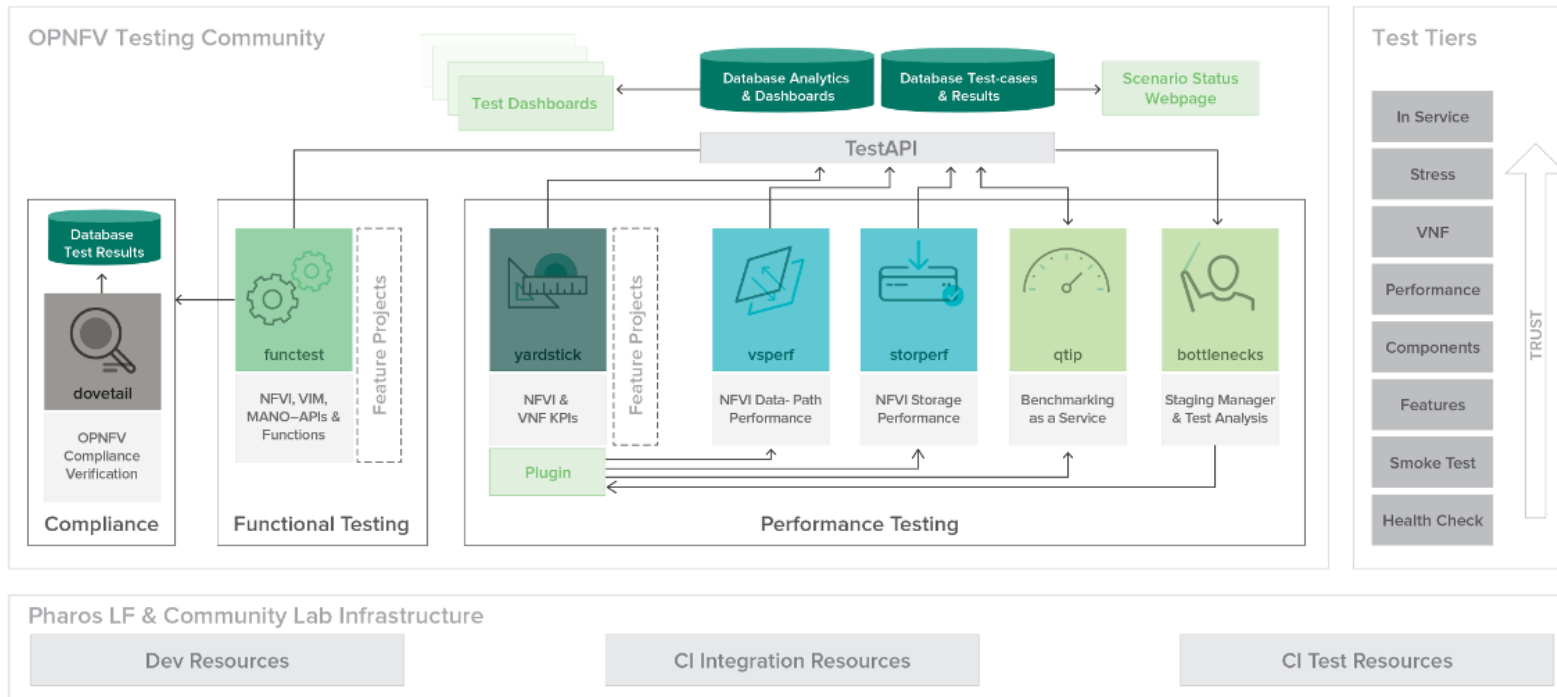
NFVI platform verification

# OPNFV Verified Program



- OPNFV Verified Program confirms that a product exposes
  - key APIs,
  - behaviors, and
  - characteristicsof a certain OPNFV release
- Main objective: reduce VNF onboarding cost
  - Establish industry-accepted technical baseline for VNF vendors

# OPNFV Test Ecosystem





## OPNFV Verified 2018.01

### Mandatory test cases

- OpenStack basic API tests (205 tests)
- Basic layer 2 packet forwarding (2 tests)
- OpenStack control service high-availability (8 tests)

### Optional test cases

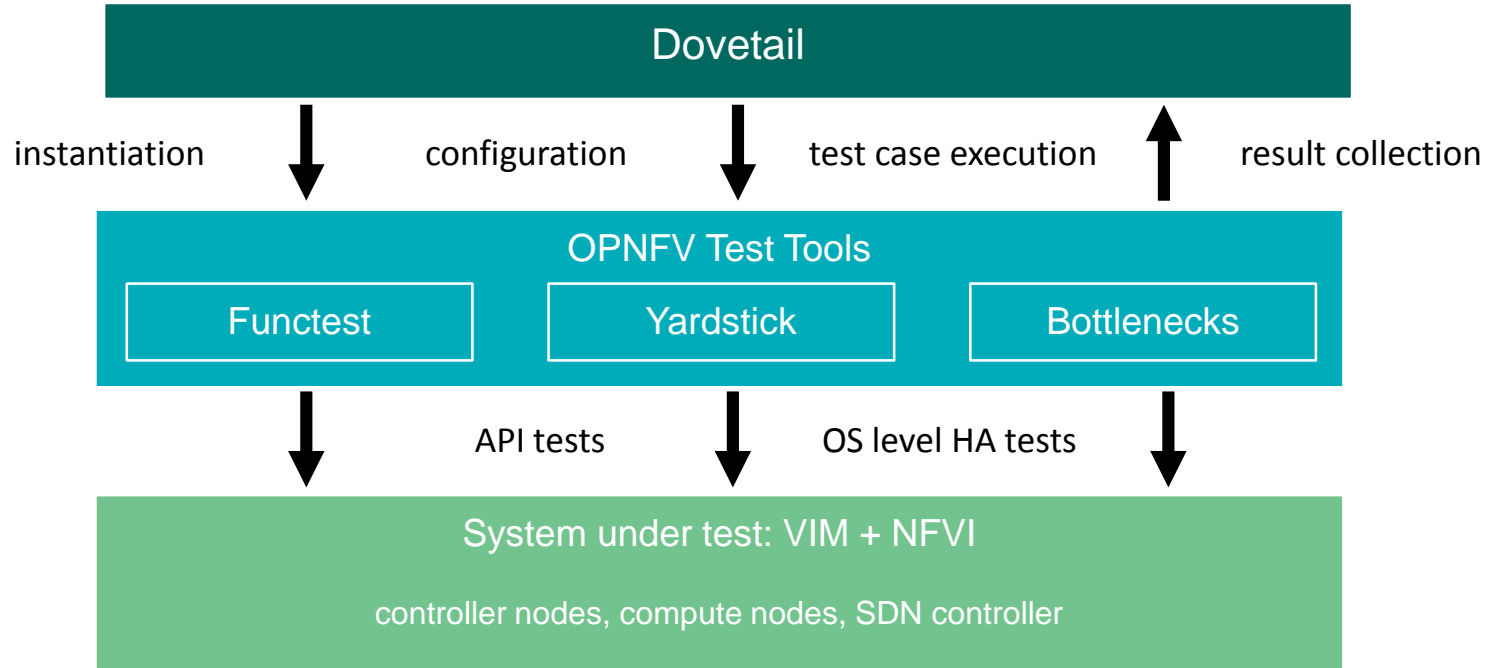
- IPv6 tenant networks (25 tests)
- BGPVPNs (4 tests)
- Fundamental VIM capabilities (30 tests)

## Potential Future Scope

### Future test case candidates

- Neutron Trunk ports
- OpenStack Tempest smoke tests
- BGPVPN Tempest tests
- SDN Controller high-availability
- VNF lifecycle management
- ...

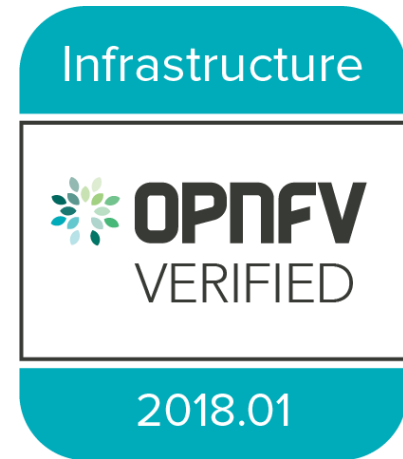
# Dovetail Architecture



# Certification Workflow



1. Submission of participation form
2. Testing
3. Submission of results
4. Notification of reviewers
5. Review of test results
6. Grant of use of program marks



# References



- OPNFV Verified Portal
  - <https://verified.opnfv.org>
- Dovetail project
  - <https://wiki.opnfv.org/display/dovetail>
- OPNFV
  - <https://www.opnfv.org/>