



OPNFV

□ **LINUX FOUNDATION**
COLLABORATIVE PROJECTS

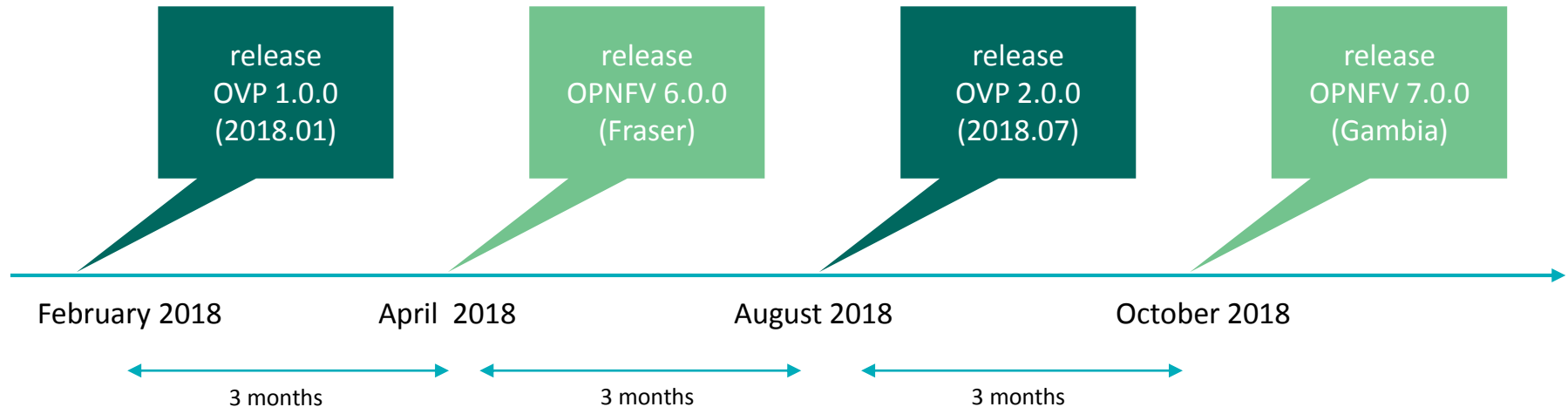
Dovetail and OVP

TSC update, 2018-06-12

OVP and OPNFV release alignment



- Release cadence
 - 6 months between each type of release
 - 3 months shift between releases



Scope of OPNFV Verified 2018.01



Mandatory test cases

- OpenStack interop 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)

Scope under evaluation for OVP 2018.0x



Functest

- Tempest compute (smoke)
- Tempest identity v2 (smoke)
- Tempest identity v3 (smoke)
- Tempest image (smoke)
- Tempest network (smoke)
- Tempest volume (smoke)
- Tempest Neutron Trunk ports
- Tempest BGPVPN Tempest tests

- Security: Patrole RBAC tests

- OPNFV SNAPS smoke tests

- VNF testing vIMS
- VNF testing vEPC

Yardstick

- High-availability of one controller (restart)
- High-availability of message queue
- High-availability of Neutron L3 agent
- High-availability of OpenStack database

Bottlenecks

- Stress testing

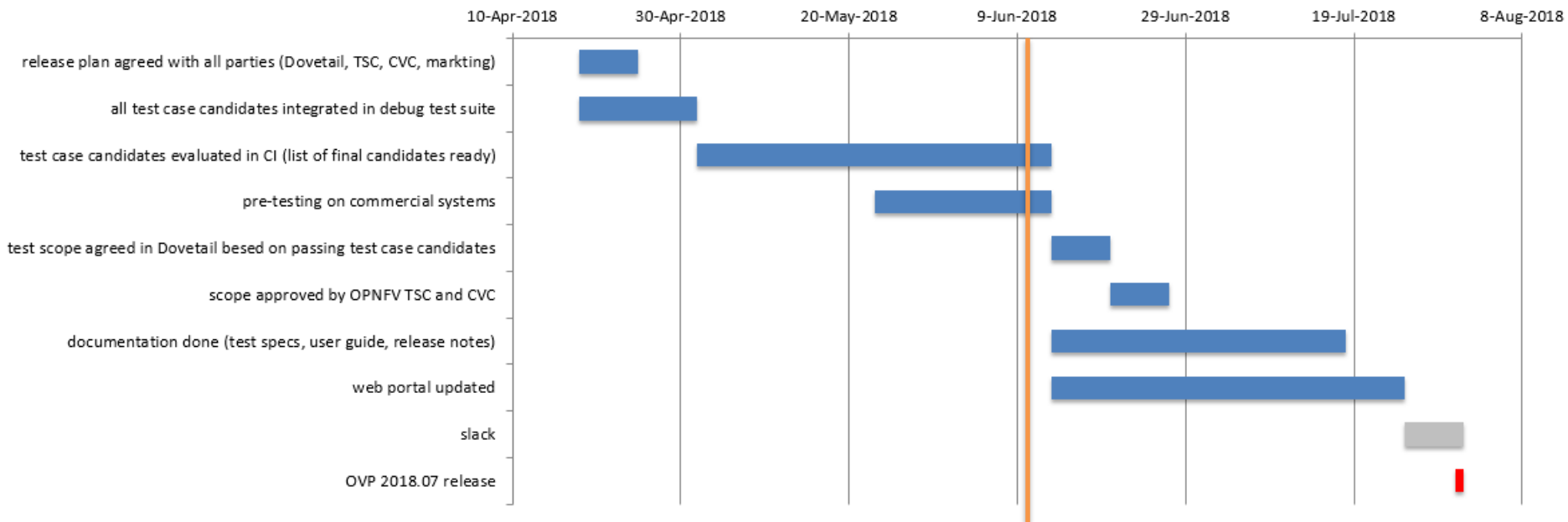
Tracking of CI test case execution status:

<https://wiki.opnfv.org/display/dovetail/Status+of+proposed+tests>

Release Plan



OVP 2018.07 Release Plan



Risks for a delayed release



- Limited development resources
 - Web portal development
 - Documentation of new test cases
 - Limited CI resources
 - Summer vacation period
- ⇒ Leverage support from summer interns of UNH and Nokia

Plugtest recap



- Dovetail track at ETSI plugtest
 - Separate official testing track
 - Objectives
 - Enable Dovetail testing of test case candidates on commercial platforms
 - Provide insight into scope of next release to commercial platform vendors
- Commercial platforms participating in Dovetail track
 - Nokia, RedHat, WhiteStack, WindRiver (ongoing)
- Achievements
 - Identified and resolved bugs and shortcomings in OPNFV test tools as well as Dovetail
 - Provided feedback to commercial platform vendors