



OPNFV

LINUX FOUNDATION
COLLABORATIVE PROJECTS

Proposed Scope of OVP 2018.0x

TSC update, 2018-06-12

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)

Proposed Scope 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
- Security: Patrole RBAC tests

mandatory

- Tempest BGPVPN Tempest tests
BGPVPN is an optional feature
- SNAPS smoke tests
long term support unclear
- vIMS VNF
no offline support, downloads additional components
- vEPC VNF
no offline support, downloads additional components

optional

Yardstick

- High-availability of message queue
- High-availability of OpenStack database
- High-availability of one controller (restart)
- High-availability of Neutron L3 agent
neutron-l3-agent not present on SDN-enabled systems
- High-availability of OpenDaylight cluster
SDN controller is an optional component

mand.

opt.

opt.

Bottlenecks

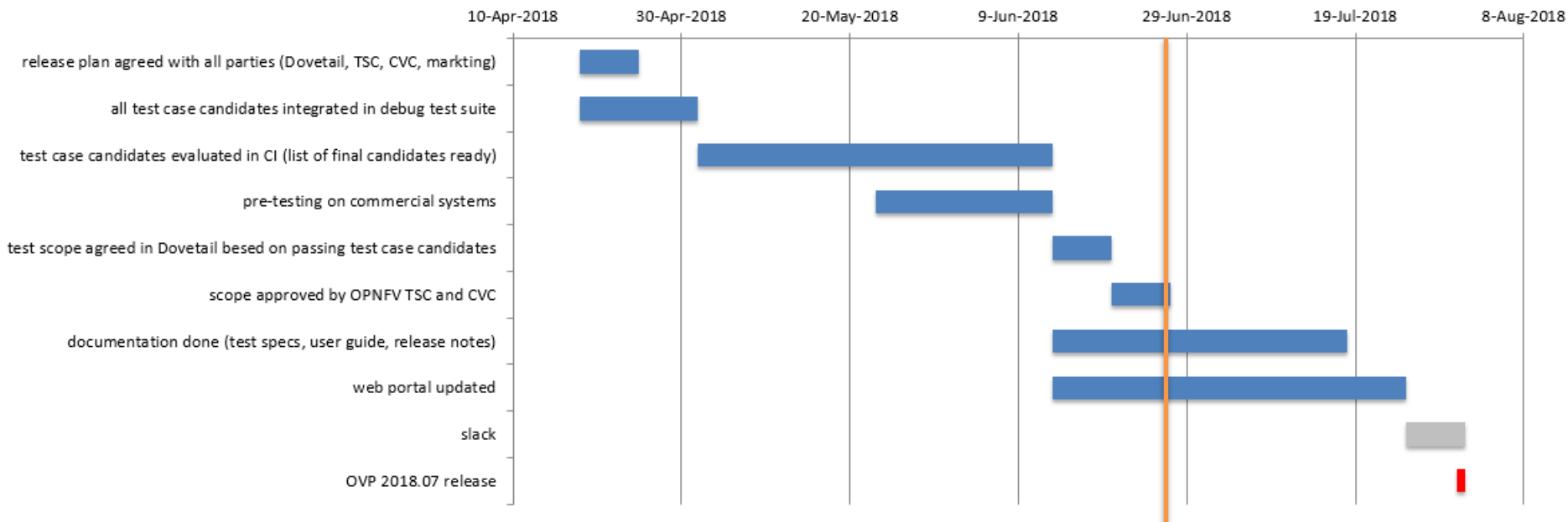
- Stress testing
stability of the OPNFV platform

opt.

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