2021-01-05 Anuket TSC

05 Jan 2021

Attendees (TSC)

1. Al Morton (AT&T)
2. Beth Cohen (Verizon)
3. Cedric Ollivier
4. Emma Foley (Red Hat)
5. Frank Brockners (Cisco)
6. Fu Qiao (China Mobile)
7. Georg Kunz (Ericsson)
8. Gergely Csatari (Nokia)
9. Lincoln Lavoie (UNH-IOL)
10. Mark Beierl (Canonical)
11. Tom Kivlin (Vodafone)
12. Trevor Cooper (Intel)
13. Walter Kozlowski (Telstra)

Other Attendees

1. Pankaj Goyal (AT&T)
2. Karine Sevilla (Orange)
3. Heather Kirksey
4. Jim Baker
5. Luc Provoost
6. Ulrich Kleber
7. Ildiko Vancsa (OpenInfra Foundation)
8. Scot Steele (AT&T)
9. James Gu
10. Toshiyasu Wakayama (KDDI)

Absent (TSC)

- Ahmed El-Sawaf
- Sridar Rao

Agenda

Time	Topic	Presenters	Notes

5min	**Meeting Administration** ☑ Linux Foundation Anti-trust Policy ☑ Recording ☑ Agenda Bashing ☑ Attendance/Quorum (13/15) ☑ Approval of previous meeting minutes on **IRC**	Co-Chairs	Merits of wiki vs. IRC were discussed.
10min	**Announcements** ☑ Welcome messages from Heather and the TSC Co-chairs	Heather Kirksey Al Morton Walter Kozlowski	
30min	☑ Workstream Leads/ Project PTLs standup	PTLs/Co-Chairs	
5 min	☑ Elbrus Release	Walter	
10min	☐ Operation of Workstreams/projects within Anuket ☐ TSC Operation: LFN Governance and **Charter**	Walter/Al	
5min	☑ Mailing list deprecation	Jim Baker	OPNFV and CNTT mailing lists are being deprecated 15 Jan 2021 Request new "foo@lists.anuket.io" from Jim
15min	☐ Next steps; high priorities (wiki page list)		
5 min	☑ **Status Updates** ☑ OPNFV Linux Foundation Lab (Portland) hardware upgrade status ☑ LF IT/Infra update: (Aric Gardner, Trevor Bramwell)		Portland move slated for February

Minutes

Meeting Administration

- Discussion of minute taking
    - IRC is blocked for many telcos
    - Minutes will go into the Wiki for today. We will figure out if IRC is viable or we can use another tool for attendees who are unable to join the Zoom.
- Al reviewed the overall agenda and how they typically work. Cedric mentioned that all the PTLs and workstream leads should add items to the agenda prior to the meeting to make sure it will be covered.
- Discussion off policy for recording attendance and taking the rollcall. Can add affiliation, but not a requirement.   Need a method of taking off-line voting.
- Review of minutes from last OPNFV meeting in 2020. Approved.
- Cedric Ollivier :
    - Please take care about latest pip release which may break your verification jobs (see NFVBench)
    - It could go to infinite loop if your package dependencies are incorrect due to the new resolver (see NFVBench)
    - It also asks for changes in upper-constraints if git+https (possibly only about Functest)
    - Badly LFN build servers are mostly unmaintained and the very old virtualenv releases automatically download the latest pip.
    - 3 solutions:
        - **upgrade virtualenv in LFN build servers**
        - fix your tox.ini to pin pip
        - **fix your requirements**

Welcome

- Heather welcomes all to the new tsc and project
- Welcome from Heather, Al and Walter. A new year and a new beginning.

Workstream Leads / PTLs Standup

RM

- Walter provides update on reference model
- Updates - automation, operations, security, hardware and network acceleration.
- 18 PRs updated
- Baraque was published as PRD with GSMA

RA1

- Pankaj provides update
- On track
- Provide extensive storage writeup
- Beth will be adding storage framework to RM
- Freeze 15 Jan 2021
- Release 29 Jan 2021
- 1 PR currently open and a second to be opened

RA2

- Tom provides update
- Significant updates to chapter 3 with plans to merge soon
- Chapter 4 needs more work and review
- Approximately 12 PRs currently open

RC1 / RC2

- Cedric Ollivier No big changes in RC1 (it doesn't mean there is no change in the test cases already selected by RC1 - see Functest gerrit for details)
    - RA1 doesn't change its OpenStack minimal release or asks for new madatory API features
    - RC1 leverages all Functest testcases possible
    - No new test case from other OPNFV projects has been proposed
- Cedric Ollivier will create a PR to update RC2 to Functest Leguer.
    - open questions:
        - do we add cnf-conformance as integrated by Functest in RC2? Tom Kivlin Gergely Csatari
        - which sig-network and sig-storage features mandatory in RA2 could be covered by RC2? Tom Kivlin Gergely Csatari

CIRV

- Fu Qiao provides update
- Continuing network configuration automation
- PDF 2.0 progress will be shared in an upcoming tech call
- Walter states we need to start working more closely on this as it is being address in RM

StorPerf

- Storperf has been mostly inactive in the last two releases
- Storperf uses FIO and FIO agents, and mainly uses ssh
- For k8s requirements would be an image with SSH as that is how StorPerf currently copies and executes FIO (see https://hub.docker.com/r/opnfv/storperf-workloadagent/tags?page=1&ordering=last_updated)
- collects measurements every minute, and applies the results according to a framework agreed by SNIA)
- Storage architecture is the key point - even though storage devices have become a commodity)

Barometer

- Emma provides updates
- Supports metrics collection mainly using collectd
- https://wiki.opnfv.org/display/fastpath
- Meeting series will be reset and looking for agreement on new time slot
- Emma asks about opnfv-tech-discuss equivalent for Anuket - See later agenda item (Jim Baker)
- Integration with Airship is planned, OSP is also planned, but lower priority

Functest

- Functest OpenStack now allows testing L2 network-only (see Airship)
- Functest master is continously developped/tested vs OpenStack Wallaby (Ildiko Vancsa)
- Checking mandatory Kuberenetes sig-network and sig-storage features in RC2 to develop new Functest test cases
- Lots of changes in XtestingCI *(future Weekly Technical meetings to discuss the changes)*
    - support of Gitlab CI/CD (deployment and configuration)
    - leverage Kubernetes to deploy the services (locally or remotely)
    - artifact management
    - etc.

Airship Installer

- RI-2 working with UNH lab team for AIRSHIP 2.0 POD (two phased approach)
- ODIM integration is planned as well in 2021
- RI-1L have been working with functest on OVS DPDK - focused testing, L2 only
- Upgrade to Train release is also in the 2021 pipeline, along with other upstream Airship fixes for CNTT conformance
- Pod 17 HD failure - INFRA ticket: https://jira.opnfv.org/browse/INFRA-467?filter=-2

SampleVNF

- Naming & Scope: only one VNF maintained: PROX
- ETSI NFV TST009 benchmarking
- Add test cases for more coverage (imix sizes, flows, ….)
- Make sure the tests are being used in RC

FastDataStacks (FDS)

- NFVI solution stacks that include FD.io/VPP
- Focus of the recent releases was networking-vpp (https://wiki.openstack.org/wiki/Networking-vpp) testing
- Upstream networking-vpp 20.09 was not released in time for the JERMA release (VRRP, VXLAN-GPE), candidate for the next release.

Releng

- Rolling out new build servers (x86) on LaaS machine
  - Ubuntu 18.04, Ubuntu 20.04, CentOS 7
- Investigating pip fixes
- Call for packages, OS, build dependencies/requirements
- Coordinating LF-POD4/5 Portland lab migration to OSUOSL

Kuberef

- RI-2 implementation project
- first release based on Intel BMRA Kubernetes deployer
- deployments running in Anuket labs (Intel + Ericsson) as well as on Equinox Metal (formerly Packet.net)
- deployments compliant to current RC-2 (extend for DPDK tests, but also need to discuss architecture, input from RA2)
- plans: uplift of BMRA, enabling additional telco features

Mailing list discussion

- Jim provides background
- Plan is to deprecate all current mailing lists by 15 Jan 2021, a tombstone message will continue.
- An Orthogonal topic is the SPAM reduction and processing associated with list moderation (a large effort today)
- Discussion on anuket-TSC mailing list for now.
- Weekly Tech discussion?? need to schedule - previously scheduled meetings are possibilities!

Elbrus Release

- don't break anything! w.r.t tools right now! dates were reviewed.

Operation of Workstreams/projects within Anuket

- at this time, continue as-is. there are opportunites to work together-better we will explore in the future.

TSC meeting time/duration

- will continue as scheduled for now, using 90-minutes for several weeks as we get started (we needed more than 90 today)

Reminder of the Virtual Technical Event

- Feb 1-4

Action Items

- ☑ List of all meetings in ANUKET (CNTT had one) Jim Baker

- ☐ Decisions on email list structure and change-over - Weekly Tech discussion??

- ☐ Releng: look into K8s deployment as well (Xtesting CI)