2019-06-04 Technical Work Stream

Date

04 Jun 2019

Attendees

- Prabhjot Singh Sethi
- Jim St. Leger
- Randy Bias
- VM (Vicky) Brasseur (she/her)
- Lisa Caywood
- Darien Hirotsu
- Joseph Gasparakis
- andrey-mp
- Casey Cain
- Edward Ting
- Rudra Dubey
- Valentin Sinitsyn
- Alexey Morlang
- Daniel Pono Takamori
- Sukhdev Kapur

Agenda

- Start the Recording
- Antitrust Policy
- Agenda Bashing (Roll Call, Action Items (5 minutes)
- VSPERF integration (Prabhjot)
  - need to have a baseline configuration to be used for Vrouter (preferably Juniper needs to review)
  - clarification on flows from the last TSC call.
- Community Repos (Prabhjot)
  - need to identify repos that are not used by Juniper's commercial (Contrail) Product/distribution
    - https://github.com/Juniper/contrail-vnc
    - https://github.com/Juniper/contrail-dev-env (as mentioned by Sukhdev in TSC call)
  - to begin with we will need to have some reviewers external to Juniper on these repos, to kick start the community contributions
- Source build procedure and tagging of RPMs at TPC http://148.251.5.90/tpc/ (Prabhjot)
- RLB: List of code reviewers? (Juniper and non-Juniper)
- RLB: What's the scope of the technical workstream call and how does it avoid overlap with the TSC call?
- General Topics

Minutes

- VSPERF
  - None of those folks are on this call this week
  - PS: Will need a review from someone at Juniper for this stuff
    - Does the config make sense? They may be in a good position to judge this.
  - JG: Going through last hoops of Intel legal approval to share perf doc w/the Docs team
  - JG would like to create a WG to work through perf bottlenecks
- Forked DPDK in TF
  - Affects VSPERF, per Sridar from 2019-05-28 Meeting notes
  - Currently builds from a cloned DPDK
  - Would like some background on how/why this is forked
    - So they're not building against a moving target
    - Appears to be a bad habit
    - Should build against a specific tag
  - Worth prototyping to build against official DPDK.org?
    - PS: +1
    - RLB: Will be able to do this once the build is on the community CI, but is there any rush on this now?
    - JG: Unknown on the timing
      - Will be running vrouter from a container, so would be OK for now
        - Would get initial numbers
      - But it's an optics thing. People aren't going to like that it's building from a fork.
      - Also, cleaner and less code to maintain
  - SK: Speculation on why things are this way: sanity & regression testing
    - Not yet fully automated, so people have to be told which version to use
    - Until it's automated, will be able to do things the right way
    - PS: Not the version, it's the source of the code; it's a fork not the master

- - - SK: All part of the same process
- Community repos
  - contrail-vnc & contrail-dev-env aren't being used by commercial contrail?
  - Add TF folks to these repos?
    - VMB: Should get these moved to TF space instead
    - Can move these w/o disturbing anything else
  - PS will check with SK, then follow up with helpdesk@ to get repos moved
    - RLB: This is being driven internally by Juniper folks; it's only partly an LF responsibility right now
  - CI is running for further testing according to Randy
- TPC
  - See notes from 2019-06-04 Infra WG Notes
- JG: Doh! This meeting actually starts 30 minutes later now
  - Need to send updated invite for this (already updated on the calendar)
  - Casey sent an updated invitation at 10:30
- JG: common code between kernel and dpdk vrouter can be good and bad
  - can kill some of the performance benefits on dpdk vrouter to acheive common code
- SK: contrail-vnc and contrail-dev-env is still used internally used by Juniper.
- SK: will help with respect to reviews.
- SK: More Architects will be joining the TWS call starting next meeting.

Action items

- ☑ Randy BiasFollow up with Juniper to get someone to review the VSPERF config
- ☑ Prabhjot Singh Sethi Email dev@ & Sukhdev Kapur to learn more about the contrail-* repos
- ☑ Prabhjot Singh Sethi Follow up with Alex about the TPC stuff
- ☑ Joseph Gasparakis Write Casey to have him send an updated invite for this meeting
- ☑ Randy Bias Talk to Carlo Contavalli and Marcus about the DPDK build thing (build against a tag/release instead of a fork)
- ☑ Joseph Gasparakis to start email thread on using vhost interface from dpdk instead of vrouter dpdk on dev mailing list
- ☑ Randy Bias need to get us list of code reviewers Juniper and non - Juniper
- ☑ Sukhdev Kapur to followup with juniper engineering to check with respect to usage of dpdk from dpdk.org