10/30/2018

Attendees

Joseph Gasparakis (Intel)

Edward Ting (Lenovo)

Casey Cain (LF)

Paul Carver (AT&T)

Henry Fowler (AT&T)

Eyal Lavee (Mellanox)

Prabhjot Singh Sethi (ATS)

Frikkie Scholtz (Netronome)

Frik Botha (Netronome)

Jan Gutter (Netronome)

Pieter Jansen van Vuuren (Netronome)

Ron Renwick (Netronome)

Simon Horman (Netronome)

Sukhdev Kapur (Juniper)

Andy Gospodarek (Broadcom)

Agenda

- Release schedule for 5.1 - (Still looking for Nov 15 as dev complete?)
- Patches from Netronome
    - Based on the governance call on Friday 10/26 it appears that there are no licensing concerns for TF project
    - Discussion on the impact of model of the proposal (dynamically loading a proprietary binary) as an open source community and voting. If voting yes review on gerrit will need to take place
- TSC/TC Elections: voting now for two members -vs- voting now for all TSC
- TF Security Team - Revisited
- TF Developer Design Forums

Minutes

- Still looking for Nov 15 for dev complete.
- Release 5.0.2 is delayed. Ed Ting requested the commit id's for 5.0.2
- Discussion of Netronome's patch.
    - Henry reviewed a diagram that tries to summarizes the proposal by Netronome. See the google document at https://docs.google.com /presentation/d/1o4FC2uPphAgR2mu8YNWEGWe6Mz4yDYyjgvLqkb5c4eM/edit#slide=id.p8 , and the current snapshot of that document on the Wiki at https://wiki.tungsten.io/download/attachments/1409118/Offload%20Design%20Options%20-%20Oct%2030% 202018%20ver.pptx?api=v2
    - There were still questions about the tradeoffs between supporting vendor-specific designs in the short term vs. retaining motivation for working vendor-independent solutions in sister industry groups (e.g., on the Linux TC Module and RTE flow).
    - Joseph raised questions about testing.
    - Sukhdev asked for a list of the specific patches and the blueprint. Can Netronome provide these please? (see response below)
    - Sukhdev took the AI to have the key experts review the code before the next meeting and provide feedback.
    - Paul raised the point that upstreaming the patches at this time (i.e., in time for Rel 5.1) raises some concerns, and asked whether there is a feasible option for this to initially be implemented by applying a patch to the upstreamed version. And hence providing additional time for review.
    - Paul asked for vendors other than Netronome to review the code and identify areas where there might be alternate preferred solutions.
    - Netronome code that needs review: https://review.opencontrail.org/#/c/47035/. Patch set 1 is the original work by Mellanox, patchsets 2 and 3 are the delta added by Netronome. We would like to get other NIC vendors to review this. This patch is also relevant: https://review .opencontrail.org/#/c/42850/. Blueprint: https://blueprints.launchpad.net/opencontrail/+spec/pluggable-offloads