

2019-09-10 Technical Work Stream Meeting notes

Date

10 Sept 2019

Attendees

- Prabhjot Singh Sethi
- Joseph Gasparakis
- Subramanian M
- Sukhdev Kapur
- Yuvaraja Mariappan
- Sai Pujita T
- Darien Hirotsu
- Alexandre Levine
- Casey Cain
- savannah?

Agenda

- Start the Recording
- Antitrust Policy
- Agenda Bashing (Roll Call, Action Items (5 minutes))
- General Topics
 - Update on testing comparison between dpdk from upstream and contrail-dpdk
 - Decision on moving forward with using upstream DPDK
 - discussion on Jira workflow for community
 - draft - <https://docs.google.com/document/d/1UWlZZOzTR8zZeTUOpV5pPzq1EcCPrS-F2GkYysOpR8/edit?usp=sharing>
 - Blueprint review process
 - Older document: <https://docs.google.com/document/d/1hYhaPmQEN4V4ZeLxrulolshnQ6yd05vNkcKqhRqCnlw/edit#heading=h.h3vxu6qloos>

Minutes

DPDK topic:

- Basic performance test from Intel showed parity in the performance of contrail-dpdk -vs- DPDK 18.05 with the vRouter
- Juniper will have internal discussions if they are going to go with upstream DPDK or keep contrail-dpdk
- CI: We need CI to test DPDK and then we can get more confidence moving with upstream DPDK or not.
 - **Decision:** TF Tech Workgroup votes that we need to move to upstream DPDK
 - No DPDK based deployments in TF CI today
 - Need DPDK based containers with both contrail-dpdk **and** upstream dpdk - Substantial effort is need
 - In order to run CI the following needs to be done:
 - Have DPDK containers
 - Need extra infrastructure
 - Define a set of test (can be a subset to kernel based deployments)
 - AL:
 - Background: there are two stages to the current CI
 - The testing being done in the second stage is still tied with the Juniper infrastructure and Zuul
 - JG: Can we try manually adding a build process using the upstream DPDK on separate infrastructure?

Action items

- ✓ everyone to review the document for blueprint review process
- ✓ Joseph Gasparakis / Prabhjot Singh Sethi need to propose migration of Tungsten Fabric to upstream DPDK