

2021-07-28 ViNePerf Agenda and Minutes

Attendees

1. Sridhar Rao
2. Al Morton
3. Luc Provoost
4. Shubhank Saxena
5. Shreya Gupta
6. Parth Yadav

Sl. No	Topic	Presenters	Notes
1	Development Update ☒ Vineperf-Prox ☒ Trex-Container ☒ K8S-PythonAPI		Vineperf-Prox: (a) Waiting on fix for multiple generator-core issue – memif (b) vhostuser - Yet to complete the test. (c) prox-k8s automation: Refer to the figure-1 below. Luc: In bi-directional case, how to handle losses/search algo. Al: if in either direction there is loss, its a failure. T-Rex Container: 1. With VPP, and memif - T-Rex ports are Down. Unable to bring it up. (T-Rex side of memif has to be MASTER to even work). 2. TODO: (a) Test with single interface first (b) Test with vhostuser. K8S-Python: Patch is ready for post-deployment information collection.
2	Updates from Interns		Shubham: TVLV. Working on the implementation of (figure-2) Shreya: Option1: Helm (python Helm - pyhelm, doesn't support Helm3) Option2: avonix: https://github.com/zbrookle/avonix Option3: Install helm, then use commands
3	Artefacts of ViNePerf		ToDo: VMs: L2fwd/testpmd/l2fwd VNF, Noisy-Neighbor, T-Rex VM, TVLV-LoadGenerator Containers: L2fwd/testpmd/l2fwd CNF, T-Rex, Customized-Prox, TVLV-LoadGenerator
4	CNIs on Pod-12		Flannel* (MACVLAN, IPVLAN) Userspace CNI - build and run in a container. SRIOV – DP, CNI OVS. Plan: celium (eBPF), calico, contiv-VPP AL: Discuss with EUAG
5	AOB		Al: How to add this effort in reference conformance tests. Add in xTesting first, then RC-document. PR-Id:

Figure-1



Figure-2

