ViNePERF

Project: Virtual Network Performance for Telco NFV

ViNePerf provides an automated test-framework and comprehensive test suite based on industry standards for measuring the data-plane performance **in different cloud environments**. Dataplane in a cloud includes different switching technologies with **physical** and **virtual** network interfaces, and carries traffic to and from workloads running as **virtual-machines and containers**. The architecture of ViNePerf is agnostic of cloud-type, switching-technology, and traffic-generator. ViNePerf allows user to **customize the test-cases**, network-topology, workload-deployment, hardware-configuration, and the versions of the software components such vswitch, vnf, cnf, cni, etc. ViNePerf can be used both **pre-deployment and post-deployment** of the cloud. Though ViNePerf architecture is designed for evaluation of dataplane of clouds in **Lab environments**, it can also be in **production clouds**. ViNePerf methods follows standards developed by the **IETF** and **ETSI NFV**, and contribute to the development of new standards.

Key Project Facts

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Project: Data-plane performance testing and benchmarking
Creation Date: December 16th, 2014
Category: Integration & Testing
Lifecycle State: Mature
Primary Contact: Al Morton
Project Lead: (Al Morton) acm@research.att.com
Jira name vSwitch Characterization
JIRA tag : VSPERF
Repository: vswitchperf
Mailing list tag: [vsperf]
IRC: Server:freenode.net Channel: #anuket-vswitchperf

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Meeting Logistics

Time: Wednesday PT 0600.

Audio:

Join from PC, Mac, Linux, iOS or Android: https://zoom.us/j/2362828999

Or iPhone one-tap :
US: +16699006833,,2362828999# or +16465588656,,2362828999#
Or Telephone:
Dial(for higher quality, dial a number based on your current location):
US: +1 669 900 6833 or +1 646 558 8656 or +1 877 369 0926 (Toll Free) or +1 855 880 1246 (Toll Free)
Meeting ID: 236 282 8999
International numbers available: https://zoom.us/zoomconference?m=Xn-Kas4jq2GuyfbCCKYpwvi6FpHEYX8n