Open vSwitch 2014 Fall Conference Agenda

Monday, Nov. 17, 2014

8:30-9:30	Breakfast
9:30-10:00	Welcome (Ben Pfaff, VMware)
10:00-10:30	Introductory keynote (Guido Appenzeller, VMware)
10:30-11:30	Connection tracking & stateful NAT (Thomas Graf, Noiro Networks; Justin Pettit, VMware) L7-Filter and Open vSwitch (Franck Baudin, Qosmos)
11:30-1:00	Lunch
1:00-3:00	OpenFlow Representation of Encapsulation Metadata (Scott Mann and Madhu Challa, Noiro Networks) Open vSwitch on Hyper-V: Design, and development status (Nithin Raju, Eitan Eliahu, and Ankur Sharma, VMware) Traffic visibility and control with sFlow (Peter Phaal, InMon) ONOS Architecture Update (Thomas Vachuska, ON.LAB)
3:00-3:30	Break
3:30-5:30	Managing Open vSwitch across a large heterogeneous fleet (Chad Norgan, Rackspace) Introduction to network switching with P4 (Dan Talayco, Barefoot Networks) Accelerating Network Intensive Workloads Using the DPDK netdev (Gerald Rogers, Intel) Open vSwitch-powered Docker (Madhu Venugopal, Brent Salisbury, Dave Tucker)
5:30-6:00	Break
6:00-10:00	Reception with remote control fighting robots by botbashparty.com (sponsored by Open Daylight and the Linux Foundation)

Tuesday, Nov. 18, 2014

8:30-9:30	Breakfast
9:30-11:30	MPLS LDP based LSR and LER using OpenFlow (Vikram Dham, Kamboi Technologies) OpenFlow-based traffic engineering for mobile devices (Radhika M. Hirannaiah, individual researcher) Integrating Open vSwitch with 802.1aq SPB (Paul Unbehagen, Avaya) OFConnect: An Open Source OpenFlow Networking Library (Deepa Karnad Dhurka and Ramya Bolla, CodeChix.org)
11:30-1:00	Lunch
1:00-3:00	OVS Acceleration Approaches (Johann Tonsing and Robert Truesdell, Netronome) OVSDB--"use it to configure a switch or track your stamp collection" (Madhu Venugopal, Brent Salisbury, Dave Tucker) Full vTEP hardware offload with SR-IOV and queue redirection (Thomas Graf, Noiro Networks) An Interface for Hardware-Based Packet Processing under Open vSwitch Policy Control (John Fastabend and Uri Elzur, Intel)
3:00-3:30	Break
3:30-5:00	Accelerating the Path to the Guest (Maryam Tahhan, Kevin Traynor, and Mark Gray, Intel) OVS performance measurements and analysis (Madhu Challa, Noiro Networks) OVS: accelerating the dataplane through netmap/VALE (Luigi Rizzo, Università di Pisa)

All talks take place in Elastic Sky Auditorium in the Hilltop A building at 3425 Hillview Ave, Palo Alto CA 94304. Breakfast and lunch are served in the lobby area just outside the auditorium. (Please do not bring food or drink into the auditorium.) The reception is across the breezeway in the Hilltop A cafeteria ("Cafe 8147").

Two conference rooms near the auditorium are reserved for use by attendees. Please feel free to use them for group discussions and mini-hackathons during the conference.

Wifi is available on the "vmguest" or "vmair" networks. These are open networks: no password is needed.