

Annual Open Networking Summit Leads the Transformation in SDN

Innovators in SDN Plan to Make a Splash at ONS2014

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Open Networking Summits, Inc. (ONS) today announced strategic news from a number of large and emerging companies exhibiting at ONS 2014. Exhibitors represent innovators in SDN controller and switch technology, an integral part of the SDN ecosystem. During the fourth annual Open Networking Summit, these industry visionaries in SDN will lead discussions, provide use cases and offer interactive demonstrations related to advances in software-defined networking (SDN), OpenFlow, and network functions virtualization (NFV).



SDN Controller Technology News

Active Broadband Networks, a supplier of software-defined broadband service management solutions, will demonstrate its SDN controller and Programmable Broadband Gateway for activating and controlling the delivery of consumer and business broadband services, connecting subscribers to the cloud and extending the benefits of programmability and automation out to the broadband edge.

Atto Research Korea, a network/security solution vendor focusing on an innovative SDN/OpenFlow controller architecture, will show how recognized open-source OpenFlow controllers fail to survive simple application-level bugs and attacks. Then, how a new SDN controller (OBelle) architecture designed for resilience and security can prevent the same application code that crashed OpenFlow controllers from hurting the network system.

Cisco will be speaking about customer deployments and SDN use cases. The company will also address declarative management in Software Defined Networks and how it is used to create an application-centric network policy model. Attendees will gain insights into L4-7 services and OpenStack integration with the Application Policy Infrastructure Controller.

IBM Software Defined Networks for Virtual Environments is a unified network controller based on OpenDaylight technology that will be also be featured at ONS. With both VMware and Kernel-based Virtual Machine (KVM) virtualization solutions, as well as support for the ONF's OpenFlow standard, the SDN VE platform unifies and simplifies network control for multivendor physical and virtual networks.

SDN Switch Technology News

Adara will demonstrate the ADARAAXIS Production-ready Terabit SDN switch built on Broadcom Trident II processor, OF-DPA Software and APIs over solid-state chassis from Interface Master, performing Infrastructure Orchestration and VNF Service Choreography for Multi-tenant Datacenters. The demo will illustrate VNF Service Chains using OpenFlow and ADARAOrchestration Manager performing auto scaling based on load.

In anticipation of ONS 2014, Vello Systems and **Centec Networks** announce that Pacnet's Pacnet Enabled Network (PEN) is live and is connecting users and their applications in data centers throughout Asia and the United States. PEN is based on Vello's application-logic routing and virtual cross-connect Connectivity Exchange™ software and makes use of Centec's pioneering V330 OpenFlow Switch.

EstiNet Technologies Inc. will showcase its newly released product, EstiNet 8.1 OpenFlow™ network simulator/emulator and Dr.SDN at ONS 2014. EstiNet 8.1 supports simulation of thousands of Ver 1.3.2 OpenFlow switches which can be controlled by a real controller. The new SDN network trouble shooting software, Dr.SDN, helps to detect network jitter and disconnection points.

Also being demonstrated is the newly announced **Qosmos** new Service Aware Module (SAM), which adds intelligence and service awareness to virtual switches. Qosmos SAM™ is integrated with a vSwitch to provide a detailed, real-time traffic intelligence and enable service-awareness at the infrastructure level. Virtual switch developers benefit from rapid time-to-market for solutions requiring built-in application intelligence.

About Open Networking Summit (ONS):

With a mission to transform networking, the non-profit ONS is exclusively committed to bringing together the thought leaders, luminaries, creators, and innovators of SDN and OpenFlow to lead the development of the networks of tomorrow. Founded in 2011, ONS produces conferences that attract participants from around the world, who come to discuss, share and shape the future of networking. Through exhibitions, demonstrations, visionary talks, technology tutorials and networking opportunities, ONS helps facilitate the understanding and dialogues that drive the advancements and adoption of new networking technologies. More information on the Open Networking Summit can be found at <http://www.OpenNetSummit.org>.

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Contact

Vaibhav Parulkar
[Open Networking Summits Inc.](#)
+1 6509180667
[Email](#)

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