NoviFlow and IP Infusion Collaborate To Integrate Commercial-Grade Networking Stacks With The ONOS Controller For Use In Scale-Out SDN Router Applications

The companies are working together to bring to market a ground-breaking Software Defined Networking (SDN) based solution

BARCELONA, Spain (PRWEB) February 23, 2016 -- NoviFlow Inc., a leading provider of high-performance OpenFlow-based switching solutions, and IP Infusion, Inc., a leading provider of intelligent network software for telecom and data communications services, today announced that they are working together to bring to market a ground-breaking Software Defined Networking (SDN) based solution that unites the advantages of high-performance OpenFlow forwarding planes with carrier-grade networking stacks.

NoviFlow's Scale-Out Router leverages SDN and OpenFlow to disaggregate the traditional monolithic router into independently scalable elements, replacing proprietary systems with COTS hardware. The router software is further disaggregated into component parts, each of which can be scaled independently: the ONOS controller, NoviFlow's open source Scale-Out Router application, and IP Infusion's licensed VirNOS™-C protocol stacks. The forwarding plane is provided by standard OpenFlow switches such as NoviFlow's high-performance NoviSwitch products. The result is a fully functional, centrally controlled and reliable network router supporting major routing protocols such as BGP, IS-IS, OSPF and LDP, that is much easier to scale and far more economical to operate than traditional scale-up monolithic routers, thus reducing CAPEX by over 75% and OPEX by as much as 65%.

"NoviFlow is thrilled with our collaboration with IP Infusion in bringing together to market carrier-grade Scale-Out Router solutions." says NoviFlow's President and CEO, Dominique Jodoin. "IP Infusion's field-proven networking stacks combined with NoviFlow's scale-out router application will provide faster time-to-deployment, ensure inter-operability with traditional routers and give our customers support for protocol stacks otherwise not readily available in the open source community."

"With large data center operators and service providers requiring high performance networking solutions that meet the demands of the explosive growth of virtualization and cloud services, the combination of NoviFlow and IP Infusion will help enterprises to achieve centralized distributed networking support for increased agility and cost effectiveness," said Kiyo Oishi, CEO and president of IP Infusion. "We look forward to continuing to work with NoviFlow to deliver solutions that require less time and decreased capital and operating expenditures."

Together, IP Infusion and NoviFlow are driving the growing SDN ecosystem by contributing code to Open Source projects such as the ONF's Atrium project and the ONOS Project, and by providing solutions optimized for today's networks: huge populations of connected devices, fast changing networks traffic patterns, and the need to orchestrate in real-time network resources with the applications and services that use them.

NoviFlow will be demonstrating the Scale-Out BGP Router solution live in booth 7H40 at Mobile World Congress in Barcelona from February 22-25. For more information on the NoviFlow Scale-Out BGP Router solution please see http://noviflow.com/solutions/scale-out-routers/.

Please see http://www.ipinfusion.com/products/virnos for more information on IP Infusion's VirNOS-C

ABOUT NOVIFLOW

NoviFlow Inc. provides high-performance OpenFlow-based switching solutions and applications to network carriers, data center operators and enterprises seeking greater control and flexibility over their networks. NoviFlow has offices in Montreal, Sunnyvale and Seattle. For more information, please visit www.noviflow.com. Follow NoviFlow on Twitter: @NoviFlowInc.

ABOUT IP INFUSION

IP Infusion, a leading provider of intelligent network software for telecom and data communications services, helps equipment manufacturers to deliver products faster with lower costs and greater differentiation. Over 300 customers worldwide, including all major networking equipment manufacturers, use IP Infusion's respected ZebOS platform to build networks to address the evolving needs of cloud, carrier and mobile networking. IP Infusion's OcNOS, the industry's first carrier and enterprise network operating system for Open Compute hardware, allows for easier implementation of large-scale IT networks, and offers customers white box solutions to deploy more quickly. VirNOS, a NFV-based software platform, provides a carriers and enterprises a cost-effective network OS approach to implement and manage their networking services. IP Infusion is headquartered in Santa Clara, Calif., and is a wholly owned and independently operated subsidiary of ACCESS CO., LTD. Additional information can be found at www.ipinfusion.com.

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