NoviFlow Joins ONOS Project, The Open Source SDN Network Operating System (ONOS) For Service Providers and Hyper-Scale Data Center Networks

NoviFlow Inc., a leading provider of high-performance OpenFlow-based switching solutions, today announced that it has joined the ONOS Project, the open source SDN Network Operating System for service providers and mission-critical networks, and a Linux Foundation Collaborative Project.

MONTREAL, Canada (PRWEB) February 18, 2016 -- ONOS is a carrier-grade SDN network operating system architected to provide high availability, scalability, performance, and rich northbound and southbound abstractions. The ONOS community includes leading global service providers, such as AT&T, China Unicom, NTT Communications, SK Telecom, Verizon and vendor partners.

"By joining the ONOS Project, NoviFlow hopes to advance the SDN and NFV open source movements and to help shape the future of this ecosystem," says NoviFlow's President and CEO, Dominique Jodoin. "NoviFlow believes in SDN, and we see ONOS as a key enabler of the SDN ecosystem, especially in the carrier and hyper-scale data center spaces. For the last year, the ONOS controller and the Open Networking Foundation's Atrium project have been part of NoviFlow's high-performance solutions for carriers and data centers, as demonstrated live at multiple showcases and industry events. We have also announced our Scale-Out Router solution which uses ONOS as the core controller to implement a fully Scale-Out BGP Router."

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

Said William Snow, VP of Engineering of ONLab, "ONOS makes possible new network deployment strategies that significantly reduce CAPEX and OPEX, and enable agility, flexibility and scalability. We welcome NoviFlow as an innovator in the high-performance SDN forwarding planes required for many of these deployments. NoviFlow has already contributed to the ATRIUM project, an implementing of an SDN based scale-out BGP router, and we look forward to NoviFlow's future contributions to CORD solutions and other carrier oriented projects aiming to push the boundaries of SDN."

As an ONOS Collaborator, NoviFlow is committed to driving the advancement of ONOS, and innovative ONOS-based solutions that utilize high-performance programmable forwarding planes to solve the challenges of developing flexible, scalable, highly available SDN architectures. These efforts include contribution to ONOS open source projects in order to advance the state of the art in SDN deployment in commercial networks such as CORD, ATRIUM, XOS, and others.

NoviFlow has also been directly involved in several carrier initiatives including the CORD project, and plans to develop more software that we will make available as open source via the ONOS community. NoviFlow's NoviSwitch products provide a fully programmable high-performance OpenFlow 1.3/1.4 forwarding plane for use with ONOS and in conjunction with CORD and other ONOS projects.

Adds Jodoin: "NoviFlow is constantly working to bring solutions to market that exploit the full potential of SDN and OpenFlow to solve network problems in innovative new ways. NoviFlow's Scale-Out Router solution and OpenFlow Experimenter based enhancements (such as BFD link monitoring, packet payload matching and

handling, service chaining support, and L2/L3 packet encapsulation/de-capsulation, etc.) are good examples of SDN enhancements that add significant value to ONOS-based solutions, and that are of specific interest to the carrier and hyper-scale data center communities."

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, visit www.noviflow.com. Follow NoviFlow on Twitter: @NoviFlowInc.

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