Isocore Undertakes First-Ever Interoperability Showcase of Key SDN Components

RESTON, Va -- Isocore announced the completion of its Fall Leading Edge Code (LEC) testing that involved several SDN (software Defined/Driven Network) capabilities developed by major vendors. The objective of the testing was to evaluate the capabilities which were eventually of importance to service providers. The test setup for the event consisted of network elements from Brocade Communication Systems (NASDAQ GS: BRCD), Ericsson (NASDAQ: ERIC), Juniper Networks, Big Switch Networks (BSN), Cariden and Spirent Communications (LSE: SPT).

Brocade and Juniper Networks were the OpenFlow-based switching vendors participated in various SDN scenarios. As a first step towards larger scale interoperability testing, Ericsson provided an SDN network build around Ericsson SP210/310 forwarding engines and an OpenFlow Traffic Control Node running ERS (Ericsson Routing Suite) as traffic engineering application. Autoconfiguration of forwarding engines, Fast Fail-over and L3 VPN interoperability with Spirent Testcenter were demonstrated during the event.

Cariden embarked on testing its admission control and bandwidth (BW) calendaring application for a given OpenFlow or IP/MPLS network. This application was integrated over the Big Switch Network's OpenFlow Controller. The application also provided Network Analytics (MATE Live), visualization and traffic engineering models of the underlying OpenFlow-based SDN.

Additionally, Juniper Networks demonstrated SDN capabilities through its Bandwidth Calendaring Application (BCA). Juniper's BCA uses Path Computation Element (PCE) to dynamically create and manipulate paths in the network in response to an application's real time needs, and OpenFlow to detect and direct video traffic through these paths.

MPLS2012 public interop demonstration, taking place following the MPLS 2012 International Conference (www.mpls2012.com) at Isocore, will showcase the results of this recently concluded testing.

About Isocore
Isocore provides technology validation, certification and product evaluation services in emerging and next generation Internet and wireless technologies. Isocore is leading validation and interoperability of novel technologies including MPLS-TP, Carrier Ethernet, IPv6, Optical Transport Integration, wireless backhauling and Layer 2/3 VPNs. It currently focuses on MPLS-TP, SDN, and deployable cloud service architecture validation and design. Major router and switch vendors, Service Providers, and test equipment suppliers participate in Isocore activities. Isocore has major offices in the USA (Washington DC area), Europe (Paris, France) and Asia (Tokyo, Japan).

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