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Isocore Undertakes the First Interoperability Testing of Network Routing Optimization and Automation across Autonomous Systems for SDN capabilities in Service Providers' Networks

RESTON, VA -- Isocore announced the successful completion of its Leading Edge Code (LEC) testing which included the recent extensions to the BGP protocol to distribute link state information (BGP-LS). The testing was important as these extensions provide an important building block for the aggregation and distribution of network topology for Service Provider SDN (Software Defined Network) solutions.

Different test scenarios included a number of cases involving single and multi-area in OSPF, single and multi-level in IS-IS, and different link-state routing protocol combinations. The testing verified that all the link state information was distributed and modifications were propagated correctly. The link state modifications involved different parameters and metrics (e.g. TE metric, link bandwidth, etc.). Furthermore, Inter-area LSP was set up successfully using BGP-LS information and Spirent test center was used for traffic generation and analysis.

The test setup for the event consisted of network elements from Cisco Systems (NASDAQ: CSCO) and Juniper Networks (NASDAQ: JNPR), and testing equipment from Spirent Communications (LSE: SPT).

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