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Brocade, CERN openlab collaborate on SDN network evolution

Staff writer | August 05, 2015 | SDN CLOUD

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Brocade has formed a partnership with CERN openlab to jointly work on a new solution designed to help the organization address the long-term challenges facing its network infrastructure.

Created in 2001, CERN openlab is a public-private partnership between CERN and leading ICT companies from across the world. Its mission is to accelerate the development of cutting-edge solutions to be used by the worldwide Large Hadron Collider (LHC) community.

As part of collaboration, Brocade has been named an official networking contributor member to CERN openlab, building on its previous relationship as a technology supplier to CERN.

Due to the nature of the research carried out by CERN, the organization generates extremely large data volumes and therefore needs an efficient, scalable, and flexible network in order to handle traffic spikes.

The project with Brocade is intended to create a future-proof network based on the New IP and featuring a framework of SDN applications to optimize the routing of data traffic entering and leaving the organization.

Brocade will also create enhanced user interfaces for its solutions, giving collaborators at CERN the ability to view graphical charts and visualizations showing real-time and historical traffic information.

The open SDN solution will be based on OpenFlow and will utilize the Brocade SDN Controller and Brocade Flow Optimizer application to increase network performance, proactively improve capacity planning and eliminate network congestion, the companies said.

The solution will also use OpenFlow-enabled Brocade MLXE ROUTERS and ICX SWITCHES.

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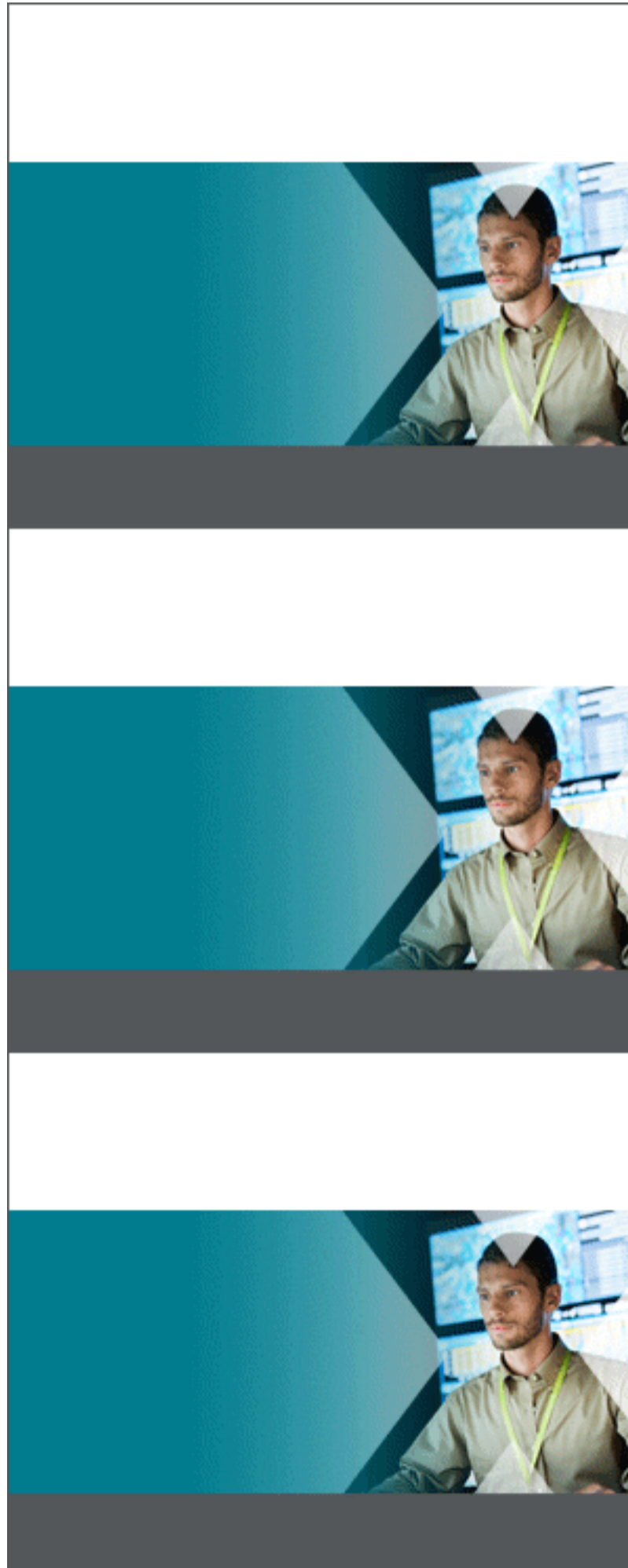


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