

In Networking (/subsection/17), Software Defined Networking (/subsection/24)

Brocade's contribution to CERN openlab is to help the world's largest and most respected centre for scientific research develop a long-term Software-Defined Networking (SDN) strategy for its IP network infrastructure. Brocade is an official networking contributor member to CERN openlab.

In addition, Brocade is collaborating with CERN openlab on a new solution designed to help the organisation address the long-term challenges facing its network infrastructure. Due to the nature of the research carried out by CERN, the organisation generates extremely large data volumes and therefore needs an efficient, scalable, and flexible network in order to handle traffic spikes and to serve as a platform for innovation.

The open SDN solution will be based on OpenFlow and will utilise the Brocade SDN Controller (<http://www.brocade.com/en/products-services/software-networking/sdn-controllers-applications/sdn-controller.html>) and Brocade Flow Optimizer (http://www.brocade.com/en/products-services/software-networking/sdn-controllers-applications/flow-optimizer.html?cid=flow_optimizer_pr_00001) to increase network performance, proactively improve capacity planning, and eliminate network congestion.

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