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IHEP Campus Network design based on SDN Technology

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The report introduces the design of the IHEP SDN campus network which aims to the separation of the control plane and the data forwarding plane. The new designed SDN network, integrated with IHEP authentication system, has achieved 802.1X-based user access control. It can obtain the network information in the data forwarding plane through the controller and provide more network management functions. The test-bed has been built at the vendor's research center and their research team is cooperating with us to complete functional verification and API development.

Desired length

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