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RESEARCH ARTICLE

Managing and Configuring Network through Software Defined Networking (SDN)

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Abstract - This paper presents in the area of software defined networking. Our aim is to identify limitations of current networking technologies and how software-defined networks (SDN) could reduce cost, and improve competence to provide significant business value to many enterprises and campus Networks for their network management . These outcomes can lead to increased market potential for contenders which identify favorable solutions to existing networking constraints. We pursue to identify solutions in this paper to enable possible customers to assess that SDN may be preferable over Current network and also SDN introduces new possibilities or network management and configuration methods. In this article, we identify problems with the current state-of-the-art network configuration and management mechanisms and introduce mechanisms to improve various aspects of network management.

Keywords: *software defined networking; open flow switch; open flow protocol; NAT; NOX*

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