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RESEARCH ARTICLE

WIRELESS NETWORK MANAGED THROUGH SDN

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Abstract- This paper presents in the area of software defined networking how software-defined networks could reduce cost, and improve competence to provide significant business value to wireless network .The software defined networking (SDN) exemplar undertakings to simplify network configuration and reserve management theatrically . Such topographies are extremely valuable to network operators and therefore, the industrial and the academic research and development communities are paying increasing attention to SDN. Even though manufactures of wireless equipment are increasing their involvement in SDN interconnected deeds to date there is not a clear and comprehensive understanding of what are the opportunities offered by SDN in most common networking scenarios involving infrastructure less wireless communications and how SDN concepts should be adapted to suit the characteristics of these networking environments. In statistic it aims at scrutinizing how SDN can be of assistance in structure less wireless networking environments, and how it should be lengthened to take the physical characteristics of such networking environments into account. Also, a complete SDN solution for wireless personal area networks named Software Defined Wireless Network is presented and some design courses of action are delivered in this paper.

Keywords: software defined networking; open flow switch; open flow protocol; NAT; NOS

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