LA NEUTRALIDAD DE LA RED DESDE LA PERSPECTIVA DE SU ARQUITECTURA POR CAPAS ¿DE TRANSPORTISTAS PÚBLICOS A GESTORES DE CONTENIDOS?

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Abstract

This paper brings up an overview about the problem and significance of network neutrality from the perspective of a layered Internet regulation, which states that legal Internet regulation should be governed by the layers principle. The law should respect the integrity of layered Internet architecture, based on three basic layers: the physical, the logical, and the content and application layer.

Due to the fact that this theory and its corollaries have been accepted as a whole, we will show how the architecture which gives way to the broadband requires a neutral regulation and management on all its layers. This neutral management creates a field which encourages the growth of innovation and development on the network, avoiding the market power abuse of the telecommunication companies. The solution to the shortage of bandwidth is not traffic management, but the solution could be the implementation of competition on all layers and perhaps, the change of the business model of telecommunication companies which subsidizes the outrageous bandwidth consume of a few consumers with the money of the rest, who will suffer the lack of bandwidth.

Author’s bio

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