Abstract

Mobile Ad hoc networks have emerged recently as an important trend of future wireless systems. The evolving wireless networks are seriously challenging the traditional OSI layered design. In order to provide high capacity wireless access and support new multimedia network, the various OSI layers and network functions should be considered together while designing the
network. In this paper, we conduct brief discussion on current state of the art and performance optimization challenges like energy efficiency, cross-layer design and its congestion control.

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