Abstract

The tremendous growth of wireless network demands the need to meet different multimedia applications available over the wireless networks. Network congestion occurs when a link or a
node is carrying an excessive amount of data because of which the quality or service
deteriorates and these demands and allocations lead to optimized rate based control regulation
through queuing theory. Earlier works on rate control protocols does not emphasize on different
RCP wireless practical situations which may have varying or constant link and packet
acceptance capacity, bandwidth coordination, acceleration maintenance etc. In this paper, we
propose a novel, methodology for rate based congestion control in wireless network. Thus, we
proposed an algorithm of a range based capacity wireless network with different conditions for
maintaining the acceleration and traffic in terms of capacity of processor nodes and link capacity

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Index Terms

Computer Science

Wireless Networks

Key words

RCP (Rate Control Protocol)  XCP (Explicit Control Protocol)

Wireless network

Congestion