Abstract

The anxiety made by users are mounting as the 'mobile ad hoc networks' became an essential part of this stage and call for the use of significant applications such as multimedia and videoconferencing. In this paper we introduce a new examine model with a dynamic stipulating architecture that provides bandwidth allocation dynamically based on its utility. Initially allocate
the required bandwidth with respect to the user`s subscription & monitors the broadcast to reshuffle the bandwidth allocation if any congestion occurs. In addition, the network periodically individuates unused bandwidth and suggests immediate convention where extra-bandwidth is allocated and guaranteed entirely to users who can utilize it to transmit at a higher rate than their subscribed rate. We exhibit through simulation in a network scenario that the proposed dynamic bandwidth provisioning model is greater than the static bandwidth provisioning algorithm with respect to the utilization of bandwidth and user`s support.

Reference

- Ms.S.Suganya, Dr.S.Palaniammal September Issue 2009, Lingering Bandwidth Estimation to Optimize the Resource Utilization for Mobile Adhoc Networks ,CiiT International Journal of Networking and communication Engineering, volume 1, No.6.

Index Terms

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**Key words**

Mobile adhoc networks  
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Bandwidth allocation  
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Quality of Service