A REVIEW OF VARIOUS MULTICAST ROUTING PROTOCOL AND EFFICIENT ROUTE DISCOVERY IN HYBRID NETWORK

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Abstract

Nowadays supporting real time applications have become more essential for the users of hybrid networks. Hybrid networks are formed by combination of access point and mobile nodes such that mobile nodes can communicate both through the access point and using ad-hoc networking among themselves. In this paper, an overview of QoS multicast protocols which have been proposed in the past literature are presented and performances of these protocol are compared with respect to performance metrics. Moreover this work deals with providing efficient routing between mobile devices in hybrid network by utilizing the spanning tree using heuristic search. specifically we assume the existence of spanning tree from each access point to all mobile devices within the transitive transformation range of access point .The protocol utilize the tree structure in order to avoid excessive flooding of the entire network.