Abstract

Reduction in radio interference & improvement in communication throughput we can achieve by the use of directional antennas in wireless Adhoc network. Deafness & new hidden terminal problem causes a degradation in performance, which is introduced by directional antennas in wireless media access control. To solve these problems we can propose some protocols like circular RTR directional mac protocol to solve the above problems. We can evaluate the results of these protocols by simulation.
Protocol enhancement by implementing RED routing algorithm using NS2 for Wireless Adhoc Networks
Evaluating the Performance of a MAC Protocol in WANET's using Directional Antennas: A Survey

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Index Terms
Computer Science
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Keywords
Directional antenna  MAC protocol deafness  new hidden terminal  WANETs