Evaluating the Performance of a MAC Protocol in WANETs using Directional Antennas: A Survey

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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.

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Index Terms

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Keywords
Directional antenna  MAC protocol deafness  new hidden terminal  WANETs