



Performance Evaluation of Average Energy Consumption in DSR Protocol

Ruhy Khanam¹, Chaitali Sinha²

¹M.Tech Scholar

²Reader

ruhy28@gmail.com¹, chaitali.choudhary@gmail.com²

Abstract

MANET stands for mobile ad-hoc network. MANET is a type of network that can change locations and can configure itself. Because in MANETS nodes are mobile, they use wireless connections to connect to various networks. This can be a standard Wi-Fi connection, or another medium, such as a cellular or satellite transmission. MANET is highly dynamic networks with physical infrastructure undefined. So this network is infrastructure less, decentralized and self-organizing networks. In MANET the nodes are not static so the main question arises due to mobility is how to maintain a routing table, what the speed of mobility and how the nodes will communicate with each other. The main objective of this paper is to understand the behavior of DSR over MANET on the basis of various parameters like throughput, energy consumption, routing overhead and end to end delay.

Keywords: DSR (Dynamic Source Routing Protocol); MANET (Mobile ad-hoc network); end to end delay; throughput; routing overhead