Performance Analysis of Multipath AOMDV in MANET

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Abstract

Mobile Ad hoc Network (MANET) is a collection of mobile devices and is self-configuring, dynamically changing, multi-hop wireless network which forms a communication network via multi hop wireless network connection, itis a self-organizing network, without any central control.Due to the restricted communication range and high density of sensor nodes, packet forwarding in sensor networks is usually performed through multi-hop or single-hop data transmission. Accordingly, this paper is to present the Single Path Reactive Routing Protocol AODV and Multipath reactive routing protocol AOMDV considered to analyze the performance. The decision will be made by taking the quantitative performance metrics Packet Delivery Ratio, Normalized routing load, Average end to end delay of AODV and AOMDV using Network Simulator NS-2.