Abstract

In the mobile Ad Hoc networks (MANET) are anticipated to be deployed in different scenarios having the complex mobility of nodes. Generally a variable mobility nature is predictable to have an important impact on the performance of the routing protocols in Ad Hoc networks. In the present work an attempt has been made to give an analysis on the mobility models used in an Ad Hoc network. Using simulation, it further pertains to study the metrics used in support of
performance procedures for mobile Ad Hoc network protocols, we have compared the
performance of two routing protocol AODV and DSR by using the mobility model and change
the node density with varying number of the source node. DSR and AODV both protocol use
On-Demand route detection idea but the inner method which they use to find the route is much
different for both protocols. We have analyzed the performance of protocols for changeable
network load and mobility.

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