A proportional analysis of dissimilar Mobility Models in Ad-hoc Sensor Network over DSR Protocol

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Abstract

With the current advances like wireless networks is becoming most useful technology is increasing popularity. Simulation is the technique which is used for evaluation of wireless networks. There is numerous number of Network Simulator’s available. Here we are using NS2 simulation tool is used to find that which mobility model is best for real-life Scenarios. The Mobility model gives information like movement of nodes and how it works with the protocol and connectivity of nodes in an excellent manner. In this paper we are analyzing the mobility model which is best in incorporate more Realistic mobility model. We are taken four different mobility model in different models like entity models (Manhattan model and gauss markov model) and group mobility model (Reference Point Group Model) and Random Waypoint mobility model. Random waypoint is used as a default mobility model in many network simulations. Our comparative analysis for the mobility models which is existing mobility models are discussed on a variety of simulation settings and parameters to find these results are as follows Control Overhead, Generated packets and Received packets.

References

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Index Terms
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